

**STATUS  
OF  
MILITARY NOMENCLATURED  
ELECTRONIC TEST AND CHECKOUT EQUIPMENT**

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**SETE 210/63**





## **WARNING**

1. This document is to be used with discretion.
2. It is unofficial and should be used for reference only.
3. Before taking procurement action on any of the equipment herein listed, government personnel are advised to communicate with the most appropriate point-of-contact listed in SETE 210/63.1.



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## INTRODUCTION

SETE publication 210/63 consists of five parts as follows:

Part I is a tabulation of military nomenclatured electronic test equipment to which status has been assigned. The tabulation is arranged by nomenclature assignment. Included in the tabulation is a brief functional description of the item followed by the agency which assigned the status, the status designation, and the date the status was assigned.

Part II is a tabulation of manufacturers who have supplied the test equipment listed in Part I. This tabulation also is arranged by nomenclature assignment. Included with the entry of the manufacturer is the contract number, approximate year of delivery, number of units delivered, and the then governing specifications.

Part III is a tabulation of the test equipment listed in Part I but cross-referenced by Project SETE Equipment Type Headings. Thus, all the nomenclatured items in this report are listed in this section by designators such as digital meters, oscilloscopes, and signal generators. Each Equipment Type Heading is sub-divided into two categories. Category I contains those items which have status from Development through Standard (or Preferred) with the service specified. Equipments listed in Category II are presently being downgraded from Standard toward Obsolete.

Part IV is a cross-reference from Military Nomenclatured Test Equipment to appropriate Instruction Manual. Entries are made for the different manuals known to exist.

Part V is a cross-reference containing the nomenclatured items listed in Part I that are presently being downgraded in status, with suggested replacements in each service.

The data used for the compilation of this report has been obtained from many sources. Although every reasonable effort was made to verify the information before it was entered into the tabulation, errors and omissions are bound to occur. These defects will be remedied as corrective and supplemental information is received.

## JOINT ELECTRONICS TYPE DESIGNATION SYSTEM

### Explanation of Nomenclature Assignments

Nomenclature appears in two forms:

- A. Three-letter codes, such as AN/UPM-44. The three letters appear after the slash and are defined in the Table of Indicator Letters for "AN/..." Nomenclature System.
- B. Two-letter codes, such as DA-19/U. The two letters appear at the beginning of the nomenclature and are defined in the Table of Indicator Letters for "Two-letter" Nomenclature System.

#### Example A - Three-letter codes

	<u>Description</u>
AN/UPM-44()	The Table of Indicator Letters is used to decipher the three-letter code UPM. The first letter of the group defines "Installation", in this case "U" meaning general utility. The second letter defines "Type of Equipment", in this case "P" meaning radar. The third letter defines "Purpose", in this case "M" meaning general maintenance. The number 44 following the three letters UPM means that it is the 44th piece of equipment in the UPM category. It is distinctly different from UPM-43 and similarly UPM-45 will in turn be different from UPM-44. The type number containing a parenthesis () is usually assigned before the equipment is developed and can be used to identify all production models and all non-production versions in this series. It is assigned on the basis of the anticipated functional, electrical, and mechanical properties of the equipment. This means that the functions, input power requirements, acceptable range of size and weight, and mountings, are specified. The internal parts are not usually described at all. Actual production versions must stay within this "functional description", but the circuitry, materials of construction, etc., may vary greatly between various models.
AN/UPM-44	First time quantity procurement of AN/UPM-44() series.
AN/UPM-44A	The letter "A" added to the type number shows a later procurement involving modification but maintaining interchangeability. Some details, such as exact size and weight, or parts used, are different, so that a new functional description is always issued. Parts are not the same, but the instrument as a whole is electrically, mechanically, and functionally interchangeable with the original equipment, AN/UPM-44.
AN/UPM-44B	The letter "B" at the end of the number indicates further changes of parts over modification "A". The instrument is still interchangeable electrically, mechanically, and functionally with both AN/UPM-44 and AN/UPM-44A.

#### Example B - Two-letter codes

DA-64()/UP	From the Table of Indicator Letters the two-letter code "DA" is identified as Electrical Dummy Load. The number 64 following the two letters "DA" means that it is the 64th Dummy Load assigned in this nomenclature system. Its specifications are distinctly different from DA-63 and similarly, DA-65 will be different from DA-64. The type number containing the parenthesis () is assigned on the basis of the anticipated functional, electrical, and mechanical properties of the equipment. The letters which follow the slash line /, in this case "U" and "P" (DA-64/UP) help to describe further features of the Dummy Load. To find out what these letters mean, it is necessary to refer to the Table of Indicator Letters. The first letter, "U" is found in the first column of the table, "Installation"; the second letter, "P" is found in the second column, "Type of Equipment". We find that "U" means "general utility" and "P" means "radar". Therefore, the complete type designation tells us that the equipment is an <u>electrical dummy load</u> , the 64th one assigned, and is for <u>general use with radar sets</u> . Sometimes only one letter is used after the slash line/, other times more complete information is provided by using all three letters.
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DA-64/UP First time quantity procurement of DA-64()/UP series.

DA-64A/UP The letter "A" added to the type number shows a later procurement where modification has taken place, but where interchangeability of the overall equipment with the earlier version, DA-64/UP has been retained.

In addition to the use of "A", "B", "C", and so on, as just shown, the following letters also may be added to the Type No:

X Changes in operating power requirements (voltage, phase or frequency).

Y Change in operating voltage.

Z Change in operating frequency or phase requirements.

T Equipment is for use in training.

(V) Variable grouping. The parts which make up this group may vary.

(P) This unit is a plug-in assembly.

(X---) Experimental unit.

Further Examples

AN/URM-34X General utility, radio, maintenance equipment, Set No. 34. There has been a change in the power requirements (input voltage, phase or frequency) as indicated by the "X" added to the original AN/URM-34.

AN/URM-34AX The power requirements for the AN/URM-34A have been changed.

AN/GPS-T4(V) General ground use, radar, range and bearing, trainer No. 4. Grouping is variable, depending on radar set it is used with.

AN/ALQ-27(V)-T1 Airborne, countermeasures, special purpose, trainer No. 1. For use with AN/ALQ-27(V).

AN/USM-55(XN-1) Experimental or developmental version of AN/USM-55, Navy Dept.

AN/USM-55(XN-2) Another experimental version of AN/USM-55, also Navy Dept.

TS-621(XN)/U Experimental or developmental model of the TS-621()/U series. The "XN" serves to show the originating agency, in this case the Navy Dept.

OS-61/USM-58 Oscilloscope, the original procurement was used with or part of AN/USM-58. May be used with or part of other equipments as well.

OS-63/USM Oscilloscope, general utility, special type, maintenance or test assembly. This number does not indicate a relationship to any specific system because there is no number following the "USM".

AN/UPM-44()  
 1) An existing commercial piece of equipment is to be introduced into the government inventory. Both numbers are assigned. The number AN/UPM-44() is assigned to preliminary procurements of this equipment, which are "experimental" in that they are tested to show up any shortcomings which appear in military use. The production quantities, as modified for military application, bear the number AN/UPM-44.  
 2) A development contract is awarded. The number AN/UPM-44() is assigned. The number AN/UPM-44 is also assigned, because it is anticipated that there will be a production quantity of the equipment ordered as soon as the developmental models have been perfected. It is to be noted, however, that this procedure does not guarantee there will be a production contract.

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 Note: Complete details of the Joint Electronics Type Designation System are contained in MIL-STD-196A dated 16 September 1960.



TABLE OF INDICATOR LETTERS FOR "AN/---" NOMENCLATURE SYSTEM.

Installation	Type of Equipment	Purpose
A-Airborne (installed and operated in aircraft)	A-Invisible light, heat radiation	A-Auxiliary assemblies (not complete operating sets)
B-Underwater mobile, submarine	B-Pigeon	B-Bombing
C-Air transportable (inactivated, do not use)	C-Carrier	C-Communications (receiving and transmitting)
D-Pilotless carrier	D-Radiac	D-Direction finder, reconnaissance, and/or surveillance
F-Fixed	E-Nupac	E-Ejection and/or release
G-Ground, general ground use (include two or more ground-type installations)	F-Photographic	G-Fire-control or searchlight directing
K-Amphibious	G-Telegraph or teletype	H-Recording and/or reproducing (graphic meteorological and sound)
M-Ground, mobile (installed as operating unit in a vehicle which has no function other than transporting the equipment)	I-Interphone and public address	K-Computing
P-Pack or portable (animal or man)	J-Electromechanical or Inertial wire covered	L-Searchlight control (inactivated, use G)
S-Water surface craft	K-Telemetering	M-Maintenance and test assemblies (including tools)
T-Ground transportable	L-Countermeasures	N-Navigational aids (including altimeters, beacons, compasses, racons, depth sounding, approach, and landing)
U-General utility (included two or more general installation classes, airborne, shipboard, and ground)	M-Meteorological	P-Reproducing (inactivated, do not use)
V-Ground, vehicular (installed in vehicle designed for functions other than carrying electronic equipment, etc., such as tanks)	N-Sound in air	Q-Special, or combination of purposes
W-Water surface and underwater	P-Radar	R-Receiving, passive detecting
	Q-Sonar and underwater sound	S-Detecting and/or range and bearing, search
	R-Radio	T-Transmitting
	S-Special types, magnetic, etc., or combinations of types	W-Automatic flight or remote control
	T-Telephone (wire)	X-Identification and recognition
	V-Visual and visible light	
	W-Armament (peculiar to armament, not otherwise covered)	
	X-Facsimile or television	
	Y-Data processing	

TABLE OF INDICATOR LETTERS FOR "TWO LETTER" NOMENCLATURE SYSTEM. (Abridged List)

This list in complete form appears in MIL-STD-196A.

AM Amplifiers.....	Power, audio, interphone, radio frequency, video, electronic control, etc.
AS Antennae, complex.....	Arrays, parabolic type, masthead, etc.
AT Antennae, simple.....	Whip or telescopic loop, dipole, reflector, etc.
BA Battery, primary type.....	B batteries, battery packs, etc.
BB Battery, secondary type.....	Storage batteries, battery packs, etc.
C Controls.....	Control box, remote tuning control, etc.
CG Cable assemblies, RF.....	RF cables, waveguides, transmission lines, etc., with terminals
CK Crystal kits.....	A kit of crystals with holders
CM Comparators.....	Compares two or more input signals
CN Compensators.....	Electrical and/or mechanical compensating regulating or attenuating apparatus
CP Computers.....	A mechanical and/or electronic mathematical calculating device
CR Crystals.....	Crystal in crystal holder
CU Couplers.....	Impedance coupling devices, directional couplers, etc.
CV Converters (electronic).....	Electronic apparatus for changing the phase, frequency, or from "one" medium to "another"
CX Cable assemblies, non-RF.....	Non-RF cables with terminals, test leads, also composite cables of RF and non-RF conductors
CY Cases and cabinets.....	Rigid and semirigid structure for enclosing or carrying equipment
DA Electrical Dummy Load.....	RF and non-RF test loads
DT Detecting heads.....	Magnetic pickup device, search coil, hydrophone, etc. (see RF)
FR Frequency measuring devices.....	Frequency meters, tuned cavity, etc.
H Head, hand & chest sets.....	Includes earphone
HC Crystal holder.....	Crystal holder less crystal
ID Indicators, noncathode-ray tube.....	Calibrated dials and meters, indicating lights, etc. (see IP)
IM Intensity measuring devices.....	Includes SWR gear, field intensity and noise meters, slotted lines, etc.
IP Indicators, cathode ray tube.....	Azimuth, elevation, panoramic, etc.
M Microphones.....	Radio, telephone, throat, hand, etc.
MD Modulators.....	Device for varying amplitude, frequency or phase
ME Meters.....	Multimeters, volt-ohm-milliammeters, vacuum tube voltmeters, power meters, etc.
MK Miscellaneous kits.....	Maintenance, modification, etc., except tool and crystal (see CK, TK)
MX Miscellaneous.....	Equipment not otherwise classified, includes subassemblies. Do not use if better indicator is available.
O Oscillators.....	Master frequency, blocking, multivibrators, etc. (for test oscillators, see SG)
OA Operating assemblies.....	Assembly of operating units not otherwise covered, used with or part of one set or set series.
OS Oscilloscopes.....	Test oscilloscopes for general test purposes.
FG Pigeon articles.....	Container, loft, vest, etc.
RF Power supplies.....	Rotating machine type such as vibrator pack, rectifier, thermoelectric, etc.
R Receivers.....	Receivers, all types except telephone.
RD Recorder-reproducers.....	Sound, graphic, tape, wire, film, disc, facsimile, magnetic, mechanical, etc.
RE Relay assemblies.....	Electrical, electronic, etc.
RF Radio frequency components.....	Composite component of RF circuits. Do not use if better indicator is available.
RO Recorders.....	Sound, graphic, tape, wire, film, disc, facsimile, magnetic, mechanical, etc.
RP Reproducers.....	Sound, graphic, tape, wire, film, disc, facsimile, magnetic, mechanical, etc.
RT Receiver-transmitters.....	Radio and radar transceivers, composite transmitter and receiver, etc.
SA Switching devices.....	Manual, impact, motor driven, pressure operated, etc.
SB Switchboards.....	Telephone, fire control, power, panel, etc.
SG Signal Generators.....	Test oscillators, noise generators, etc. (see O)
SM Simulators.....	Flight, aircraft, target, signal, etc.
T Transmitters.....	Transmitters, all types, except telephone.
TA Telephone apparatus.....	Miscellaneous telephone equipment.
TD Timing devices.....	Mechanical and electronic timing devices, range device, multiplexers, electronic gates, etc.
TF Transformers.....	Transformers when used as separate items.
TR Transducers.....	Magnetic heads, phonopickups, sonar transducers, vibration pickups, etc. (see H, LS, and M)
TS Test items.....	Test and measuring equipment not otherwise included; boreighting and alignment equipment.
TT Teletypewriter and facsimile apparatus.....	Miscellaneous tape, teletype, facsimile equipment, etc.
TV Tube testers.....	Electronic tube tester.
U Connectors (audio and power).....	Unions, plugs, sockets, adapters, etc.
UG Connectors (RF).....	Unions, plugs, sockets, choke couplings, adapters, elbows, flanges, etc.
ZM Impedance measuring devices.....	Used for measuring Q, C, L, R, or PF, etc.

TABLE OF EXPERIMENTAL INDICATORS

XA...Communication-Naval Laboratory, WADC, Dayton, Ohio.	XP...Canadian Department of National Defense, Ottawa, Canada.
XB...Naval Research Laboratory, Washington, D.C.	XQ...Aeronautical Accessories Laboratory, WADC, WPAFB, Ohio.
XC...U.S. Army Signal Engineering Labs, The Hexagon, Ft. Monmouth, N.J.	XR...National Security Agency, Fort George Meade, Md.
(Inactivated, Use XB)	XS...Electronic Components Laboratory, WADC, WPAFB, Ohio.
XD...Cambridge Research Center, L.G.Hanscom Field, Bedford, Mass.	XT...Army Security Agency.
XE...U.S. Army Signal Research & Development Lab., Ft. Monmouth, N.J.	XU...U.S.N. Underwater Sound Lab., Ft. Trumbull, New London, Conn.
XF...Frankford Arsenal, Philadelphia, Pa.	XV...Air Force Special Weapons Center, Kirtland AFB, Albuquerque, N.Mex.
XG...U.S.N. Electronics Laboratory, San Diego, Calif.	XW...Rome Air Development Center, Rome, N.Y.
XH...Aerial Reconnaissance Laboratory, WADC, WPAFB, Ohio	XY...Weapons Guidance Laboratory, WADC, WPAFB, Ohio.
XI...Air Force Armament Center, Eglin Air Force Base, Fla.	XZ...U.S.N. Bureau of Ordnance Activities.
XJ...Naval Air Development Center, Johnsville, Pa.	IAA...Air Force Ballistic Missile Div., ARDC, Inglewood, Calif.
XK...Flight Control Laboratory, WADC, WPAFB, Ohio	IAB...U.S. Army Electronic Proving Ground, Ft. Huachuca, Ariz.
XL...U.S. Army Signal Electronics Research Unit, Mountain View, Calif.	XAN...Naval Air Facility, Indianapolis, Ind.
XM...U.S. Army Signal Engineering Labs, The Hexagon, Ft. Monmouth, N.J.	XBB...U.S. Army Signal Materiel Support Agency, Ft. Monmouth, N.J.
(Inactivated, Use XE)	XCC...Air Force Missile Test Center, Patrick AFB, Fla.
XN...Department of the Navy, Washington, D.C.	XDD...U.S. Army Signal Air Defense Engineering Agency, Ft. George Meade, Md.
XO...Redstone Arsenal, Huntsville, Ala.	XPM...U.S. Army, Project Michigan, Ypsilanti, Mich.





ABBREVIATIONS AND DEFINITIONS - DEPARTMENT OF THE ARMY

- AMC. . . . .Army Materiel Command (parent agency of the Army Electronics Command and Army Missile Command)
- Canc . . . . .Cancelled
- Dev. . . . .Development - item being developed to meet Qualitative Materiel Requirements (QMR).
- Ltd-Prod . . .Limited Production - item being developed to meet a QMR, but with limited production authorized by the Department of the Army.
- Std-A. . . . .Standard A - preferred item; both complete end items and the necessary repair parts and components may be procured.
- Std-B. . . . .Standard B - acceptable items superseded by Standard A items. Repair parts and components to support end items already in the system may be procured. Complete end items will not be procured without program approval of DSCLOG.
- Std-C. . . . .Standard C - marginally acceptable being phased out as quickly as new items become available. Complete end items will not be procured. End items in stock maintained by repair parts on hand and by cannibalization. No repair parts or complete overhaul programs will be effected without program approval of DCSLOG.
- Ltd-Std. . . .Limited Standard - not acceptable for operational use. May be retained for training purposes.
- Obs. . . . .Obsolete - no longer acceptable.

ABBREVIATIONS AND DEFINITIONS - DEPARTMENT OF THE AIR FORCE

- AF . . . . . Air Force
- Canc . . . . . Cancelled
- Dev. . . . . Development - any new or significantly redesigned item undergoing development or testing and which has not been released as a satisfactory prototype for procurement in quantity for limited or general Air Force use. This classification will not normally be assigned to commercial items or to items developed and tested by other Government agencies, when being considered for use by the Air Force.
- Tent-Std . . . . . Tentative Standard - an item which appears promising enough operationally to warrant the risk of initiating productions of limited quantities prior to the completion of development, or prior to completion of testing.
- Std. . . . . Standard - an item which meets an established need and is considered suitable for Air Force use. Normally there will be only one item of equipment in the standard status for each specific Air Force need or use.
- Alt-Std. . . . . Alternate Standard - an item which may not be as satisfactory as a standard item, but which is usable alternate for procurement in quantity in place of the standard item, when this item cannot be produced in quantities to satisfy Air Force needs.
- Ltd-Std. . . . . Limited Standard - an item in stock which is not satisfactory as either standard or alternate standard items, but which is usable in place thereof. Limited standard end items will not be procured. Additional parts and components may be procured when necessary to maintain the item in serviceable condition.
- Obs. . . . . Obsolete - this status to be assigned to an item which no longer meets Air Force needs.

ABBREVIATIONS AND DEFINITIONS - DEPARTMENT OF THE NAVY

Bureau of Ships

- BS . . . . .Bureau of Ships
- Canc . . . . .Cancelled
- Std. . . . .Standard - both complete end items and repair parts are supplied. New items are being added to the inventory as necessary.
- Alt-Std. . . . .Alternate Standard - acceptable item. Both complete end items and repair parts are supplied, but complete end items are no longer being purchased.
- Ltd-Std. . . . .Limited Standard - usable item but not as satisfactory as newer similar equipment. Complete maintenance support is provided.
- Obs-nt . . . . .Obsolescent - some of these equipments are still in service in older installations. Limited maintenance support is provided, but not complete end items.
- Obs. . . . .Obsolete - parts support has been discontinued.

Bureau of Weapons

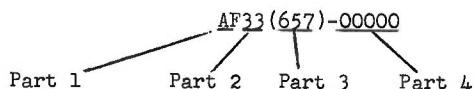
- BWA. . . . .Bureau of Weapons, Avionics
- BWO. . . . .Bureau of Weapons, Ordnance
- Pref . . . . .Preferred
- Sup. . . . .Superseded
- D. . . . .Presently being down graded from Preferred.
- Obs. . . . .Obsolete

IDENTIFICATION SYSTEM FOR U.S. AIR FORCE CONTRACTS

The contract number system of the U.S. Air Force, divides the contract number into four basic parts:

- Part 1: is the coding of AF standing for U.S. Air Force.
- Part 2: is a two number coding for the state in which the contract was issued. The numbers run from 01 up in alphabetical order of state.
- Part 3: is a three number coding within a parenthesis, that identifies the agency or base within the state.
- Part 4: is the number assigned by that agency or base.

Example:



In this case, 33 means Ohio and (657) is for ASD at Wright-Patterson AFB.

01	ALABAMA	28	NEW JERSEY
(601)	- Mobile AMA, Brookley AFB		
02	ARIZONA	29	NEW MEXICO
		(600)	- Missile Dev. Center, Holloman AFB
03	ARKANSAS	(601)	- Special Weapons Center, Kirtland AFB
04	CALIFORNIA	30	NEW YORK
(606)	- Sacramento AMA, McClelland AFB	(602)	- RADC, Griffiss AFB
(607)	- San Bernardino AMA, Norton AFB	(635)	- RAMA, Griffiss AFB
(611)	- Flight Test Center, Edwards AFB	(600)	- RAMA, Griffiss AFB
05	COLORADO	31	NORTH CAROLINA
06	CONNECTICUT	32	NORTH DAKOTA
07	DELAWARE	33	OHIO
08	FLORIDA	(601)	- Hq., Wright-Patterson AFB
(606)	- Missile Test Center, Patrick AFB	(604)	- Dayton A.F.D., Dayton
(635)	- Elgin AFB	(616)	- A.S.D., Wright-Patterson AFB
		(657)	- A.S.D., Wright-Patterson AFB
		(600)	- A.S.D., Wright-Patterson AFB
09	GEORGIA	34	OKLAHOMA
10	IDAHO	35	OREGON
11	ILLINOIS	36	PENNSYLVANIA
12	INDIANA	(600)	- MAAMA
13	IOWA	37	RHODE ISLAND
14	KANSAS	38	SOUTH CAROLINA
15	KENTUCKY	39	SOUTH DAKOTA
16	LOUISIANA	40	TENNESSE
(613)	- Logistic Control Group, New Orleans	41	TEXAS
17	MAINE	(608)	- San Antonio AMA, Kelly AFB
18	MARYLAND	(609)	- Aerospace Medical Div., Brooks AFB
		(657)	- Aerospace Medical Div., Brooks AFB
19	MASSACHUSETTS	42	UTAH
(628)	- ESD, L.G. Hanscom Field	(600)	- Ogdon AMA, Hill AFB
20	MICHIGAN	43	VERMONT
21	MINNESOTA	44	VIRGINIA
22	MISSISSIPPI	45	WASHINGTON
23	MISSOURI	46	WEST VIRGINIA
(601)	- 2nd & Arsenal, St. Louis 19	47	WISCONSIN
24	MONTANA	48	WYOMING
25	NEBRASKA		
26	NEVADA		
27	NEW HAMPSHIRE		



IDENTIFICATION SYSTEM FOR U.S. NAVY CONTRACTS

Navy contracts are divided into two main types: 1) the contracting function and the status control function are performed by the same activity and 2) the contracting function is performed by one agency, and the status control function is performed by one or more other agencies.

Examples

<u>Contract Number</u>	<u>Contracting Activity</u>	<u>Status Control Activity</u>	<u>Contract Number</u>	<u>Contracting Activity</u>	<u>Status Control Activity</u>
NObsr-1234	Bureau of Ships	Bureau of Ships	N140(131)12345	Navy Purchasing Office Brooklyn 32, N.Y.	New York Naval Shipyard
N600-567890	Navy Purchasing Office Washington 25, D.C.	Navy Purchasing Office Washington 25, D.C.	N600(27-600)12345	Navy Purchasing Office Washington 25, N.Y.	Hqs. Marine Corp, and Navy Purchasing Office Washington 25, D.C.
ASO-123456	Aviation Supply Office	Aviation Supply Office			
<u>N140-78901</u>	Navy Purchasing Office Brooklyn 32, N.Y.	Navy Purchasing Office Brooklyn 32, N.Y.	<u>NObsr (24-27)12345</u>	Bureau of Ships	Bureau of Ships, and Hqs. Marine Corp

Contract serial number.  
Symbol or accounting number of the contracting activity and the status control activity.  
Indicating the Department of the Navy, on all contracts over \$2,500.

Contract serial number  
Accounting number(s) of status control activity(s).  
Symbol or accounting number of contracting activity.  
Indicating the Department of the Navy, on all contracts over \$2,500.

\* \* \* \* \*

<u>Symbol or Accounting No.</u>	<u>Activity</u>	<u>Address</u>	<u>Symbol or Accounting No.</u>	<u>Activity</u>	<u>Address</u>
a	Bureau of Naval Weapons Aviation Supply Office BUWEPS is the contracting activity. BUWEPS and ASO are the status control activities.	Navy Department Washington 25, D.C. 700 Robbins Ave. Philadelphia 11, Pa.	Ow	Bureau of Naval Weapons	Navy Department Washington 25, D.C.
ASO	Aviation Supply Office BUWEPS is the contracting activity. BUWEPS and ASO are the status control activities.	700 Robbins Ave. Philadelphia 11, Pa.	Ow(A)	Bureau of Naval Weapons Aviation Supply Office BUWEPS is the contracting activity. BUWEPS and ASO are the status control activities.	Navy Department Washington 25, D.C. 700 Robbins Ave. Philadelphia 11, Pa.
ESO	Electronics Supply Office	Great Lakes, Ill.	Ow(N)	Bureau of Naval Weapons Electronics Supply Office BUWEPS is the contracting activity. BUWEPS and ESO are the status control activities.	Navy Department Washington 25, D.C. Great Lakes, Ill.
GSSO	Defense Industrial Supply Center	700 Robbins Ave. Philadelphia 11, Pa.	Ow(Z)	Bureau of Naval Weapons Ordnance Supply Office BUWEPS is the contracting activity. BUWEPS and OSO are the status control activities.	Navy Department Washington 25, D.C. Mechanicsburg, Pa.
MIS	Cognizant Navy Inspector	See Contract and NAVEXOS F-575	o	Bureau of Naval Weapons	Navy Department Washington 25, D.C.
Oa	Bureau of Naval Weapons Aviation Supply Office BUWEPS is the contracting activity. BUWEPS and ASO are the status control activities.	Navy Department Washington 25, D.C. 700 Robbins Ave. Philadelphia 11, Pa.	q	Headquarters Marine Corps, AS	Washington 25, D.C.
Oas	Bureau of Naval Weapons Aviation Supply Office BUWEPS is the contracting activity. BUWEPS and ASO are the status control activities.	Navy Department Washington 25, D.C. 700 Robbins Ave. Philadelphia 11, Pa.	s	Bureau of Ships	Navy Department Washington 25, D.C.
Obs	Bureau of Ships BUSHIPS is both the contracting activity and the status control activity. The Monthly Production Progress Report, DD Form 375, shall be distributed in accordance with ONMINST 4851.4 (current issue) and the terms of the contract. In addition, one copy of each DD Form 375 shall be forwarded to the Navy Shipbuilding Scheduling Office, U.S. Naval Shipyard, Philadelphia 12, Pa.	Navy Department Washington 25, D.C.	17	Bureau of Naval Weapons Aviation Supply Office BUWEPS is the contracting activity. BUWEPS and ASO are the status control activities.	Navy Department Washington 25, D.C. 700 Robbins Ave. Philadelphia 11, Pa.
Obsa	Bureau of Ships	Navy Department Washington 25, D.C.	19	Bureau of Naval Weapons	Navy Department Washington 25, D.C.
Obsr	Bureau of Ships Electronics Supply Office BUSHIPS is the contracting activity. BUSHIPS and ESO are the status control activities. The Monthly Production Progress Report, DD Form 375, shall be distributed in accordance with the terms of the contract, except that one copy of each DD Form 375 shall be forwarded to the Navy Shipbuilding Scheduling Office, U.S. Naval Shipyard, Philadelphia, Pa.	Navy Department Washington 25, D.C. Great Lakes, Ill.	22	Bureau of Naval Personnel	Navy Department Washington 25, D.C.
Om	Headquarters Marine Corps	Washington 25, D.C.	24	Bureau of Ships	Navy Department Washington 25, D.C.
Onr	Office of Naval Research	Navy Department Washington 25, D.C.	27	Headquarters Marine Corps, AS	Washington 25, D.C.
Ord	Bureau of Naval Weapons	Navy Department Washington 25, D.C.	30	Director, Special Projects Office, SP 206	Navy Department Washington 25, D.C.
Ord(F)	Bureau of Naval Weapons	Navy Department Washington 25, D.C.	123	Navy Purchasing Office	929 S. Broadway Los Angeles 15, Calif.
Ord(N)	Bureau of Naval Weapons Electronics Supply Office BUWEPS is the contracting activity. BUWEPS and ESO are the status control activities.	Navy Department Washington 25, D.C. Great Lakes, Ill.	126	Electronics Supply Office	Great Lakes, Ill.
Ord(Z)	Bureau of Naval Weapons Ordnance Supply Office BUWEPS is the contracting activity. BUWEPS and OSO are the status control activities.	Navy Department Washington 25, D.C. Mechanicsburg, Pa.	140	Navy Purchasing Office	U.S. Naval Supply Activities, New York 3rd Ave. & 29th St. Brooklyn 32, N.Y.
			155	Defense Industrial Supply Center	700 Robbins Ave. Philadelphia 11, Pa.
			173	Naval Research Laboratory	Washington 25, D.C.
			178	Naval Weapons Laboratory	Dahlgren, Va.
			383	Aviation Supply Office	700 Robbins Ave. Philadelphia 11, Pa.
			600	Navy Purchasing Office	Washington 25, D.C.



## PART I

This section contains a tabulation of electronic test equipment to which status has been assigned. The tabulation is arranged by nomenclature assignment. Included in the tabulation is a brief functional description of the item followed by the agency which assigned the status, the status designation, and the date the status was assigned. The symbol (ER) after the functional description indicates that an evaluation report on this equipment is listed in SETE 229/2. This report and any revisions are only available to Government personnel.





NOMENCLATURE	ITEM NAME	TECHNICAL SPECIFICATIONS & FUNCTION	STATUS	DATE
AN/AAM-11()	Thermal Sensitivity Test Set	Provides two contrasting beams of thermal radiation by which the sensitivity of the infrared detector can be determined by its ability to detect the difference in temperature between the target and background beams from 20°C above ambient to 230°C.	AMC: Std-A	1/63
AN/AIM-1	Test Equipment	Interphone test equipment.	AF: Obs	1/60
AN/AJM-1()	Aircraft Electronic Fuel System Test Set	Used with capacitance type fuel gauge systems. Measures capacitance from 0 to 1100mmf. Can also be used for capacitance substitution, also measures insulation resistance.	AMC: Std-A	8/62
AN/AJM-10	Inertial Reference Test System	A system consisting of test equipment designed for testing the components of the Inertial Reference Group OA-3077/AJN-10.	AF: Std	12/62
AN/AJM-11	Control Test Set	Designed to provide test alignment, and maintenance facilities for the Gyro Stabilized Platform Control C-3431/AJN-10.	AF: Std	12/62
AN/AJM-12	Gyro Stabilized Platform Test Set	Designed to provide test, alignment, and maintenance facilities for the Gyro Stabilized Platform MX-3277/AJN-10.	AF: Std	12/62
AN/AJM-13	Gyro Test Set	Designed to provide system calibration checks at the flight level for Inertial Reference Group OA-3077/AJN-10.	AF: Std	12/62
AN/AJM-14(V)	Aircraft Weapon Control System Monitoring Set	Monitors the in-flight operation of the electrical and electronics system of the B-52 aircraft. Samples and records the electrical signals from 250 key parameters in accordance with the data flow of the electronic systems.	AF: Tent-Std	5/62
AN/ALA-3()	Pulse Analyzer	Classified.	AMC: Std-B	1/59
AN/ALA-5	Electrical Pulse Analyzer	Accepts video output of associated receiver, presents it on a dual-gun cathode ray tube, and determines pulse width, repetition rate, and modulation characteristics.	AF: Std	3/56
AN/ALA-7	Pulse Generator	Designed to bias countermeasures transmitters to cutoff transmission at random rate, permitting radar operator to view energy signals while simultaneously "jamming" them. Used during "spot" jamming only.	AF: AH-Std	1/57
AN/ALH-2	Electronic Reconnaissance Recording Set	2 channel, magnetic tape recorder used to record countermeasure receiver audio output on one channel and reference tone and operators comments on the other.	AF: Std	5/57
AN/ANH-2	Sound Recorder Set	Provides for recording from carbon microphones and intercommunication sets or radio sets while airborne. Playback is provided on ground operated Sound Recorder-Reproducer Set AN/GNQ-148().	AF: Std	5/54
AN/ANQ-1	Recorder	Airborne, records from microphone, interphone, or radio receiver. Steel wire. Recording time 60 min.	AF: Obs	11/59
AN/ANQ-1A	Recorder	Two-way Interchangeable Recorder AN/ANQ-1 but components differ.	AF: Obs	11/59
AN/ANQ-2	Recorder	Airborne voice recorder. Records 30 minutes per side of a 7" acetate dish.	AF: Obs	2/61
AN/APG-T1	Radar Training Set		AF: Obs	8/62
AN/APH-2	Fire Control Evaluator System		AF: Std	11/62
AN/APM-3A	Radar Test Set	9230 to 9460Mc wavemeter, 0 to 30db attenuator and an RF microammeter.	BWA: Obs	8/61
AN/APM-12	Test Bench Assembly	Radar test bench for depot level.	AF: Obs	1/60

NOMENCLATURE	ITEM NAME	TECHNICAL SPECIFICATIONS & FUNCTION	STATUS	DATE
AN/APM-18	Radar Test Set	Provides test points for range, altitude, PPI, count 8 modulator trigger circuits.	BWA: Obs	8/61
AN/APM-46	Test Kit	Consists of cables for testing Radar Sets AN/APS-3, 3A.	BWA: Obs	6/61
AN/APM-47	Radar Test Assembly	Consists of cables for testing Radar Sets AN/APS-6, 6A.	BWA: Obs	8/61
AN/APM-60	Radar Test Assembly	Provides test bench facilities.	AF: Obs	4/58
AN/APM-62	Indicator Assembly	Used to indicate relative power output from jamming transmitters.	BWA: Obs	8/61
AN/APM-66()	Radar Test Set	Delay line, "go-no-go" test for operation at 170 ft minus radial altitude calibration.	AMC: Std-A	7/60
AN/APM-66	Radar Test Set	Delay line, "go-no-go" test for operation at 170 ft minus radial altitude calibration. (ER)	AF: Std	2/61
AN/APM-67	Radar Test Set	Pulse generator 9326 to 9424Mc to check receiver sensitivity.	AF: Ltd-Std	2/58
AN/APM-67A	Radio Beacon Test Set	Bench and preflight checking, checks coding, power output, frequency and magnetron current of the beacon transmitter.	AF: Std	2/58
AN/APM-68	Radio Test Set	Provides signal delay of 700 ft equivalent; 410 to 470Mc frequency range: 60 to 130db attenuation.	AF: Std	2/61
AN/APM-79	Gyroscope Test Set	Tests and calibrates rate gyros for antennas.	BWA: Sup	10/62
AN/APM-82	Radio Monitor Test Set	Classified.	BWA: Obs	10/62
AN/APM-102	Receiver Test Set	Provides facilities for testing and calibrating the Radar Receiver R-887/APS-95 of Radar Set AN/APS-95.	AF: Std	1/63
AN/APM-103	Indicator-Power Supply Test Set	Test and calibration facilities for Azimuth and Range Indicator IP-462/APS-95 of Radar Set AN/APS-95; test and adjustment of Power Supply PP-2297/APS-95 of AN/APS-95.	AF: Std	1/63
AN/APM-104	Monitor Group Test Set	Provides test and calibration facilities for Monitor Group OA-2244/APS-95 of Radar Set AN/APS-95.	AF: Std	1/63
AN/APM-105	Control Test Set	Provides facilities for testing the Control Radar Set C-2566/APS-95 of Radar Set AN/APS-95.	AF: Std	1/63
AN/APM-106	Transmitter Group Test Set	Provides facilities for testing Transmitter Group Oa-1984/APS-95 of Radar Set AN/APS-95.	AF: Std	1/63
AN/APM-107	Transformer Test Set	Provides facilities for testing Transformer Assembly TF-273/APS-95 of Radar Set AN/APS-95.	AF: Std	1/63
AN/APM-108	Power Supply Test Set	Provides facilities for testing Power Supply PP-2089/APS-95 of Radar Set AN/APS-95.	AF: Std	1/63
AN/APM-109	Compressor-Cooler Test Set	Provides facilities for evaluating the Electron Tube Liquid Cooler HD-335/APS-95 and Power Driven Rotary Compressor of Radar Set AN/APS-95.	AF: Std	1/63
AN/APM-110	Antenna Group Test Set	Provides testing and evaluating facilities for Duplexer Assembly CU-690/APS-95, Filter Coupler CU-688/APS-95 and Pedestal AB-595/APS-95 of Antenna Assembly AS-956/APS-95 of Radar Set AN/APS-95.	AF: Std	1/63
AN/APM-127	Antenna System Test Set	Test and maintenance of AS-956/APS-95, OA-1987/APS-95 AB-595/APS-95, CU-740/APS-95. Measurement of phase and calibration of hybrid balance; measurement of phase and amplitude distribution, VSWR, feed cable electrical length.	AF: Std	1/63
AN/APM-134	Signal Generator	Classified.	AF: Std	1/63

NOMENCLATURE	ITEM NAME	TECHNICAL SPECIFICATIONS & FUNCTION	STATUS	DATE
AN/APM-156	Transponder Set Test Set	Performs rapid and convenient flight line checks of air traffic control and IFF transponder installations. Simulates the ground beacon by interrogating the transponder and analyzing the reply pulse train.	AMC: Std-A	11/61
AN/APM-170	Radar Test Set	Verifies relationship between angular position of the antenna array and the antenna servo.	AF: Std	12/62
AN/APM-171	Receiver Test Set	Checks operating characteristics, isolates malfunctions, and checks alignment of the Radar Set AN/APS-103.	AF: Std	12/62
AN/APM-172	Transmitter Test Set	Measures magnetron current, modulator current, modulator voltage, power output, frequency, and spectrum of T-794/APS-103.	AF: Std	12/62
AN/APM-173	Antenna-Indicator Test Set	Designed to perform functional tests to determine operating characteristics of, and isolate malfunctions in components.	AF: Std	12/62
AN/APM-174	Interrogator Test Set	Tests various components of Interrogator Set AN/APX-49.	AF: Std	12/62
AN/APM-175	Compressor-Cooler Test Set	Determines operating characteristics of, and isolates malfunctions in the subassemblies of Fan Vane-axial HD-454/APS-103; Cooler Subassembly- Electronic Tube MX-3326/APS-103.	AF: Std	12/62
AN/APM-176()	Radar Test Set	Provides simulated aircraft speed and drift angle information for flight line testing of the Navigation Radar Set AN/APN-129.	AMC: Std-A	7/62
AN/APM-178()	Radar Test Set		AMC: Std-A	8/62
AN/APM-181	Radar Test Set	Performs flight check on the altimeter set, electronic AN/APN-150(V). Troubleshoots and adjusts the system.	AF: Tent-Std	12/63
AN/APM-182	Radar Test Set	Checks on performance, troubleshoots and adjusts the Electronic Altimeter Set AN/APN-150(V) IRU or sub-assemblies.	AF: Tent-Std	12/63
AN/APN-T5	Radar Training Set		AF: Obs	4/63
AN/APQ-T4	Radar Target Identification Trainer	A means to train operators in radarscope ground target identification. Contains ultrasonic type simulator, water tank, computer, etc. Used with bombing type radar sets.	AF: Obs	1/63
AN/APQ-T9	Radar Target Identification Trainer	Classified,	AF: Canc.	2/63
AN/ARM-1	Radio Test Set	Radio maintenance equipment, general purpose type.	AF: Std BWA: Obs	6/44 8/61
AN/ARM-5()	Radio Test Set	Radio test equipment, navigational; to test VHF navigational equipment in one or more aircraft. (ER)	AMC: Std-A	6/60
AN/ARM-6	Radio Test Set	Radio test equipment, provides a qualitative output test of AN/ARC-21.	AF: Ltd-Std	6/58
AN/ARM-7	Radio Test Set	Power measurement, to measure output power of AN/ARC-21, 21X.	AF: Std	1/56
AN/ARM-8()	Radio Test Set	Radar test equipment, IF alignment, measurement of voltage and current, oscillator calibration.	AMC: Std-A	7/56
AN/ARM-8	Radio Test Set	Radar test equipment, IF alignment, measurement of voltage and current, oscillator calibration.	AF: Tend-Std	4/54
AN/ARM-10	Radio Test Set	Antenna (Loop) testing for radio compass.	AF: Std	4/57
AN/ARM-11	Radio Test Set	Tests and analyzes radio receiver transmitter RT-263/ARC-34.	AF: Ltd-Std	8/57
AN/ARM-11A	Radio Test Set	Tests and analyzes radio receiver transmitter RT-263/ARC-34 plus adapter to test other units.	AF: Ltd-Std	8/57
AN/ARM-11B	Radio Test Set	Tests and analyzes radio receiver transmitter RT-263/ARC-34 plus adapter to test other units.	AF: Std	8/57



NOMENCLATURE	ITEM NAME	TECHNICAL SPECIFICATIONS & FUNCTION	STATUS	DATE
AN/ARM-13	Test Bench Cable Set	Radio test equipment, provides test bench facilities.	BS: Std BWA: Obs	1/62 8/62
AN/ARM-14	Test Bench Cable Set	Radio test equipment, provides test bench facilities.	BS: Std BWA: Obs	1/62 8/61
AN/ARM-15	Test Bench Cable Set	Radio test equipment, provides test bench facilities.	BWA: Obs	8/61
AN/ARM-20	Test Bench Cable Set	Peculiar in its use with Radio Set AN/ARN-21.	BWA: Sup	10/63
AN/ARM-22	Radiac Test Set	Simulates the beacon in maintenance of air-borne Tacan equipment.(ER)	AF: Std BWA: Pref	3/63 3/61
AN/ARM-24	Signal Generator	Provides an FM crystal controlled output at each integral megacycle point between 400 and 500 megacycles. A VFO provides continuous coverage between these frequencies. Output voltage level is calibrated.	AF: Std BWA: Sup	3/60 10/62
AN/ARM-25	Radio Test Set	Checks bearing, distance, beacon identify, indications, frequency and power of xmitter, frequency and sensitivity of receiver.	BWA: Sup	10/62
AN/ARM-25A	Test Set	Portable light weight test set used to check the operational condition of the Radio Set AN/ARM-21().	AF: Std	8/63
AN/ARM-32	Radio Test Set	Tests tuner, amplifier, loop and indicator of automatic direction finders. Contains simulated screen room with rod antenna. Attenuation factor, 5:1 (190kc to 3Mc range).	BWA: Pref	3/61
AN/ARM-41	Radio Test Set	Tests individual subassemblies or plug-in modules of the Radio Set AN/ARC-58(V).	AF: Std	8/61
AN/ARM-42	Radio Test Set	Tests AN/ARN-6 -54, and -59(V); measurement of voltage, power frequency, accuracy and sensitivity, and automatic direction finder characteristics. Contains calibrated screen chamber.	AMC: Std-A	6/59
AN/ARM-45()	Radio Test Set	Performs operational checks on aircraft transmitters, receivers, control units and associated wiring. Tests transmitter output, transmitter and receiver currents. Used for bench testing or in aircraft.	AMC: Std-A	7/60
AN/ARM-51()	Radio Test Set	Provides operational testing facilities for the AN/ARC-27 and AN/ARC-55.	AMC: Std-A	5/61
AN/ARM-55	Tacan Calibration Set	Air-borne radio set which provides operator with signal outputs to measure performance of Tacan Ground Stations.	AF: Std	1/63
AN/ARM-56	Radio Test Set	Functional tests on the components, modules and associated units of the AN/ARC-85 Radio Set.	AF: Std	12/62
AN/ASG-15-T1	Fire Control System Trainer		AF: Ltd-Std	12/62
AN/ASM-2A	Gyroscope Test Set	To adjust and calibrate gyros.	BWA: Obs	8/61
AN/ASM-7	Bathythermograph Test Set	Calibrates temperature and pressure responsive elements, measures voltages and resistance.	AMC: Std-A	1/62
AN/ASM-13	Radiation Pattern Radio Frequency Recorder Set	Complete UHF and microwave receiver with necessary receiving antennas for operating in frequency range from 100 to 1500Mc.	AF: Ltd-Std	12/62
AN/ASM-24()	Gyro Magnetic Compass Test Set	For testing of Gryo Magnetic Compass System J-2 and Compass Set AN/ASN-13.	AMC: Std-A	8/60
AN/ASM-63	Compass System Test Set	Used to test MA-1 Compass System as a whole or on a component basis.	AMC: Std-A	1/63

NOMENCLATURE	ITEM NAME	TECHNICAL SPECIFICATIONS & FUNCTION	STATUS	DATE
AN/ASM-64	Computer Test Set	Incorporates the controls, signal generating equipment, power supply, and instrumentation required to test the subassemblies of AN/AYQ-1, and the plug-in cards of the AN/APX-49(V) and AN/ARR-67.	AF: Std	12/62
AN/ASM-66()	Automatic Pilot Test Set	Portable unit used to check overall operation of the autopilot as well as the various separate functions.	AMC: Std-A	1/62
AN/ASM-67()	Automatic Pilot Test Set	Portable unit used to check the operation and functions of the approach and navigational coupler, a component of the AN/ASN-22 Automatic Pilot.	AMC: Std-A	1/62
AN/ASM-70()	Automatic Pilot Test Set	Checks operation of motor, measures output torque, and checks clutch operation in the AN/ASN-22() Automatic Pilot.	AMC: Std-A	1/63
AN/ASM-72	Computer Test Set	Designed to perform tests on the Navigational Computer CP-581/ASM-32, Navigational Computer Set Control C-3471/ASN-32, True Heading Indicator ID-880/ASN-32 and their associated modules.	AF: Std	12/62
AN/ASM-75	Radio Test Set	Performs the proper functional checks on the components modules and associated units of the AN/ASQ-59.	AF: Std	12/62
AN/ASM-80()	Flight Line Analyzer	Tests the components of Automatic Flight Control System AN/ASW-12(V), at the flight line.	AMC: Std-A	10/62
AN/ASM-116	Radio Test Set	Subsystem designed to conduct tests of various sets, modules and components of the AN/ASQ-59. The AN/ASM-75 and AN/ASM-56 are designed to operate in unison to perform the test function.	AF: Std	12/62
AN/ASQ-T1	Defense Operator Trainer	Classified.	AF: Ltd-Std	1/64
AN/ASQ-66	Navigational Computer Monitoring Set	Contains the controls and display necessary for in-flight maintenance of the Navigation Computer Set AN/ASN-32. Measures computer inputs and outputs during on-line operation.	AF: Std	12/62
AN/ASQ-67	Electronic Equipment Monitoring Set	Contains the controls and displays necessary for in-flight monitoring and maintenance of the AN/AYQ-1 equipment. Permits isolation of the malfunctioning unit in the subsystem.	AF: Std	12/62
AN/ASQ-68	Radar Set Monitoring Set	Provides continuous, on-line confidence checking of critical parameters of the system, and provides a means of detecting and isolating a malfunction of the replaceable unit.	AF: Std	12/62
AN/ASQ-73	Radar Set Monitoring Set	Used to monitor the component of the Radar Set AN/APN-144 during flight operations.	AF: Std	12/62
AN/ASQ-74	Radio Receiving Set Monitoring Set		AF: Std	12/62
AN/AWA-2	Pulse Generator		AF: Ltd-Std	11/63
AN/AWQ-2	Airborne Fire Control System Operator Evaluator	Generates synthetic radar targets and evaluates proficiency of A-34, MD-9 and AN/ASG-15 Fire Control Operators on overall performance.	AF: Std	11/62
AN/BQM-1	Sonar Test Set	Sonar test equipment, 1000 to 40,000cps range with calibrated output level, for test and alignment purposes.	BS: Std	9/62
AN/CPM-1	Radar Test Set	Test equipment for testing Radio Receiving Equipment AN/CPN-1, Radio Set AN/CPN-3, Radio Set AN/CPN-5() including: Test Set TS-14/AP, Wave-meter TS-111/CP, Voltage Divider TS-89/AP, Synchroscope TS-28/UPN or TS-143()/CPM-1.	AF: Obs	4/59
AN/CPM-2	Radar Test Set	Classified.	AF: Obs	4/59

NOMENCLATURE	ITEM NAME	TECHNICAL SPECIFICATIONS & FUNCTION	STATUS	DATE
AN/CPM-3	Radar Test Set	Equipment for testing Radio Set AN/CPN-6() at the beacon station. Including Test Set TS-120/UP; Synchroscope TS-28/UPN; Voltage Divider TS-89/UP; Radio Frequency Test Load TS-108/AP.	AF: Obs	4/59
AN/CPM-8	Radar Test Set	Consists of Radio Frequency Wattmeter TS-118/AP, Voltmeter IS-185 and Voltmeter IS-189.	AF: Obs	1/60
AN/CRM-3	Radio Monitoring Set	Radio test equipment. Monitor antenna system, indicates course sensitivity and location of localizer course.	AF: Ltd-Std	1/54
AN/DJM-2	Missile Guidance Test Set	Used to localize malfunction in the Group Support Equipment and Missile Guidance Set AN/DJW-5() and is part of the Missile Checkout Trailer (GFE) which is furnished by the Douglas Aircraft Co.	AF: Std	4/60
AN/DJM-5	Synchro Zeroing Set	Provides a means for accurately determining the zero or null position of the synchros used in the Missile Guidance Set AN/DJW-5&() or the Ground Support Equipment. Includes Synchro Zeroing Unit TS-1125/DJM-5&().	AF: Std	4/60
AN/DJM-6	Arming Control Test Set	Portable. Provides a functional test; calibration check of acceleration switch, drag cup accelerometer, servo-amplifier and associated velocity switches; accuracy test - all on the Arming Control C-2509/DJW-58(), to insure proper operation of Missile Guidance Set AN/DJW-58().	AF: Std	4/60
AN/DJM-7	Computer Test Set	Performs all tests necessary to qualify the Signal Data Generator Computer CP-372/DJW-5&() for operation in the AN/DJW-5&() Missile Guidance Set.	AF: Std	4/60
AN/DJM-9	Amplifier Test Set	Supplies power, input signals and loads to amplifiers under test; also monitors and checks gain, noise and stability. Performs all tests necessary to qualify all amplifiers of AN/DJW-58() Power Supply. (ER)	AF: Std	4/60
AN/DJM-10	Motor Generator Test Set	Supplies power and loads to motor generators under test; monitors and checks motor generators for resistance and operation. Contains Resistance Bridge ZM-33/DJM-10.	AF: Std	4/60
AN/DJM-11	Power Supply Test Set	Supplies power and loads to unit under test. Also checks and indicates phase, distortion, frequency, ripple and voltage of following: Power Supply PP-1811/DJW-5; Regulator, Voltage-Frequency CN-448/DJW-5; Power Supply PP-1917/GJQ.	AF: Std	4/60
AN/DJM-16	Missile Guidance Components Test Set	Used to localize faulty components or circuits in the Missile Guidance Flight Controller Set AN/DJW-9.	AMC: Std-B	8/61
AN/DPM-11	Missile Guidance Group Calibrator Set	Classified.	AMC: Std-B	8/61
AN/DRM-11	Missile Guidance Components Test Set	Used to test the components of Radio Beacon Set AN/DRN-10 of Artillery Guided Missile XM4E2.	AMC: Std-B	8/61
AN/DSM-4	Guided Missile Launching Test Set	Classified.	BWA: Obs	8/61
AN/DSM-12	Guided Missile Test Set	Classified.	AMC: Std-B	1/58
AN/DSM-12A	Guided Missile Test Set	Classified.	AMC: Std-B	1/58



NOMENCLATURE	ITEM NAME	TECHNICAL SPECIFICATIONS & FUNCTION	STATUS	DATE
AN/DSM-12B	Guided Missile Test Set	Used in final operational check of the electrical and hydraulic systems of the complete Nike Ajax Missile.	AMC: Std-B	11/58
AN/DSM-12C	Guided Missile Test Set	Used in final operational check of the electrical and hydraulic systems of the complete Nike Ajax Missile.	AMC: Std-B	7/58
AN/DSM-22	Hydraulic Pumping Unit	Classified.	AMC: Obs	8/61
AN/DSM-33	Guided Missile Test Set	Used in final operational check of electrical and hydraulic system of the complete missile, and provides facilities for checking BB-401/U batteries. Part of Nike Hercules Tools and test equipment.	AMC: Std-A	8/58
AN/DSM-33A	Guided Missile Test Set	Final operational check of complete Nike Hercules Missile electrical and hydraulic systems. Can be used to bench check guidance system and supply power input for RF commands simulating missile tracking radar.	AMC: Std-A	11/58
AN/DSM-45	Guided Missile Test Set	Classified.	AMC: Std-A	11/58
AN/DSM-46	Guided Missile Test Set	Classified.	AMC: Std-A	11/58
AN/DSM-46A	Guided Missile Test Set	Classified.	AMC: Std-A	11/58
AN/DSM-46B	Guided Missile Test Set	Classified.	AMC: Std-A	11/58
AN/DSM-59	Guided Missile Test Set	Used for pre-flight checkout of the Artillery Guided Missile XM4E2.	AMC: Std-B	8/61
AN/DSM-64	Bomber Relay Box Checkout Console	Checks bomber relay box (uninstalled) completely in 2 hours. Isolates faults to circuit. Complete self check capabilities.	AF: Std	10/62
AN/FCM-4()	Test Set	Telephone test equipment, checks open wire and cable circuit from office location.	AMC: Obs	4/57
AN/FCM-5()	Test Set	Telephone test equipment, mobile, checks open wire and cable circuit from office location.	AMC: Std-A	4/54
AN/FLH-1	Signal Data Recorder-Reproducer Set	Used to record and reproduce countermeasures data. Accepts 7 ECM signals simultaneously. 7 track, 0.5" tape. One track may be used to multiplex 3 narrow band signals. Overall response: 400cps to 1Mc. Speed: 120ips for 1Mc.	AF: Ltd-Std	12/62
AN/FLH-1A	Signal Data Recorder Reproducer Set	Same description as AN/FLH-1.	AF: Std	12/62
AN/FNQ-2()	Sound-Recorder-Reproducer	200cps to 3kc $\pm$ 6db. 33 1/3rpm recording and reproducing speed on 5 to 27/32" vinylite disc for 30 minute records. Audio output: lw. Portable.	AMC: Std-A	5/52
AN/FNQ-3()	Sound Recorder-Reproducer	Provides for connection to lines to record telephone conversations. Electro-mechanical. Frequency response $\pm$ db from 200 to 3000cps. Records on 5 to 27/32" vinylite disc. Speed 33 1/3rpm. 15 minute recording time.	AMC: Std-A	5/52
AN/FRM-3	Frequency Calibrator	Frequency calibrator, Xtal controlled, output frequency: 15kc to 420Mc using harmonics 9-10-11kc, 100kc, 1Mc, 15-20-25Mc.	AF: Obs	4/60
AN/FSM-3()	Quartz Crystal Unit Test Set	Measures frequency 20cps to 100kc and 540kc to 30Mc. Xtal test set can operate over 75kc to 140Mc range.	AMC: Obs	11/60



NOMENCLATURE	ITEM NAME	TECHNICAL SPECIFICATIONS & FUNCTION	STATUS	DATE
AN/FSM-22	Signal Selector Unit Test Set	Used in conjunction with standard test equipment to align the digital-to-analog converter and the signal comparator singly, or together.	AF: Std	12/64
AN/FSQ-42	Radar Monitoring Set	Supplies a programmed test signal and monitors radar central equipment during checkout to isolate faults or degradations.	AF: Std	10/62
AN/FSQ-51	Electronics Systems Checkout Fault Locator	Provides continuous and sequential monitoring of BMEWS Site I Equipment to indicate failures and isolate faults.	AF: Std	12/63
AN/FSQ-52	Electronics Systems Checkout Fault Locator	Provides continual and sequential monitoring of computer and display components of BMEWS Site III Equipment to indicate failures and isolate faults.	AF: Std	12/63
AN/FSQ-53	Radar Monitoring Set	Provides continuous monitoring of critical operating characteristics within a missile tracking radar set. Also sequentially monitors test points to localize a source of malfunction or degradation in performance.	AF: Std	12/63
AN/FSQ-54	Radar Monitoring Set		AF: Std	12/63
AN/GCM-1()	Telephone Test Set	For transmission measurements. Consists of signal generator, DB meter, etc. Range: 10kc to 200kc, -80 to +20dbm; 135 $\Omega$ balanced input, 8k $\Omega$ unbalanced input.	AMC: Dev	6/51
AN/GGM-2	Teletype-writer Test Set	Provides facilities for measurement and analysis of signal distortion, using digital computer techniques and solid state devices on start/stop and synchronous telegraph systems, with equal accuracy. Includes cart for transportation.	BS: Alt-Std	11/63
AN/GJQ-4	Alignment-Countdown Set Inertial Guidance	Tests, aligns and calibrates missile guidance set during pre-flight operations; inserts physical and electronic target and trajectory data. Also time-phases countdown operation w/missile countdown.	AF: Std	4/60
AN/GJQ-5	Missile Guidance Alignment Set	Used to align and adjust missile guidance set to prescribed pre-flight orientation, insert flight co-efficients and initiate target changes.	AF: Std	4/60
AN/GJQ-9	Checkout Sequence Programming Set	Automatically programs pre-selected test sequences in accordance with a perforated program tape to determine operational readiness of a weapon system on a "go-no-go" basis.	AF: Tent-Std	11/60
AN/GJW-T2	Missile Launch Operation Trainer	Used to instruct students in the operational procedures of the missile and the procedures during malfunction of the missile.	AF: Std	10/62
AN/GLA-5()	Pulse Analyzer Group	Classified.	AMC: Dev	9/56
AN/GLH-1	Electronic Reconnaissance Data Reproducer Set	Tape type audio reproducer, two channels. Power req: 115vac, 45 to 75cps 1200va. Used to play back and produce permanent multiple copies for recorded data obtained by the Air-borne Recording Set, Electronics Reconnaissance Data AN/ALH-2.	AF: Std	5/57
AN/GLH-3	Signal Data Recorder-Reproducer Set	A video tape recorder-reproducer 10cps to 4Mc range capable of playing back magnetic tapes recorded on the recording set. 2 channels.	AF: Ltd-Std	6/63
AN/GLH-3A	Signal Data Recorder Reproducer Set		AF: Std	6/63

NOMENCLATURE	ITEM NAME	TECHNICAL SPECIFICATIONS & FUNCTION	STATUS	DATE
AN/GMM-1()	Radiosonde Baseline Check Set	Portable. For making complete baseline check of temperature and humidity elements prior to release.	AMC: Std-A	3/52
AN/GMM-1	Radiosonde Baseline Check Set	Portable. For making complete baseline check of temperature and humidity elements prior to release.	AF: Ltd-Std	11/56
AN/GMM-1A	Radiosonde Baseline Check Set	Same function as AN/GMM-1(). Maintenance parts differ.	AF: Ltd-Std	2/60
AN/GMM-2()	Radiosonde Baseline Check Set	Portable. To precondition 1 to 8 radiosondes and make pre-flight baseline checks.	AMC: Std-A	4/57
AN/GMM-2	Radiosonde Baseline Check Set	Portable. To precondition 1 to 8 radiosondes and make pre-flight baseline checks.	AF: Std	8/56
AN/GMM-3()	Radiosonde Baseline Check Set	Establishes ground check conditions for AN/AMQ-9() and AN/AMT-4(). Provides stable temperature and humidity conditions; supports, controls, powers and monitors during pre-flight check.	AMC: Dev	7/58
AN/GMM-3	Radiosonde Baseline Check Set	Establishes ground check conditions for AN/AMQ-9() and AN/AMT-4(). Provides stable temperature and humidity conditions; supports, controls, powers and monitors during pre-flight check.	AF: Std	2/60
AN/GNQ-1	Recorder- Reproducer	Ground equipment for playing back and erasing of recordings. Made on recorder. Capable of recording on magnetic wire .006" in diameter in the same manner as recorder.	AF: Obs	3/58
AN/GNQ-1A	Recorder Reproducer	Ground equipment for playback and erasing of recordings made on recorder. Records by magnetizing .006" wire as does the recorder.	AF: Obs	1/60
AN/GNQ-2	Recorder Reproducer	Records signals from a carbon microphone or a radio receiver and reproduces the disks it records as well as the disks recorded on the recorder.	AF: Obs	4/55
AN/GNQ-2A	Recorder Reproducer	Same as AN/GNQ-28() except additional stage of amplification provided for use of a dynamic microphone. Monitoring provisions have been added.	AF: Obs	4/55
AN/GNQ-4()	Recorder- Reproducer	33 1/3 and 78rpm. Includes amplifier and loudspeaker, disc type.	AMC: Obs	4/57
AN/GNQ-5()	Recorder- Reproducer	Portable; 33 1/3 and 78rpm; used 10" diameter cellulose disk; 3w output; microphone included.	AMC: Obs	5/51
AN/GNQ-6()	Reproducer	Electromechanical; used 7" diameter plastic disks; two amplifiers; portable; 33 1/3rpm; stylus not replaceable.	AMC: Obs	2/57
AN/GNQ-6	Reproducer	Electromechanical; uses 7" diameter plastic disks; two amplifiers; portable; 33 1/3rpm; stylus not replaceable.	AF: Obs	4/58
AN/GNQ-6A	Reproducer	A portable sound reproducer for 15 minute recordings of dictation, telephone conversations, etc. Reproducing speed 33 1/3rpm.	AF: Obs	4/58
AN/GNQ-7()	Recorder- Reproducer	Dual operation; 7" plastic disk records; 3w amplifier; portable.	AMC: Obs	2/57
AN/GNQ-7	Recorder- Reproducer	Dual operation; 7" plastic disk records; 3w amplifier; portable.	AF: Obs	7/63
AN/GNQ-8()	Recorder- Reproducer	33 1/3rpm. Recording time: 15 minutes per side of 7" disk. Portable.	AMC: Obs	2/57
AN/GNQ-8	Recorder- Reproducer	33 1/3rpm. Recording time: 15 minutes per side of 7" disk. Portable.	AF: Obs	3/58
AN/GNQ-9()	Recorder- Reproducer	A combination portable sound recorder, record player, and public address system. 78 and 33 1/3rpm.	AMC: Obs	11/58

NOMENCLATURE	ITEM NAME	TECHNICAL SPECIFICATIONS & FUNCTION	STATUS	DATE
AN/GNQ-9	Recorder-Reproducer	A combination portable sound recorder, record player, and public address system. 78 and 33 1/3rpm.	AF: Obs	7/63
AN/GNQ-9A	Recorder Reproducer	Same as AN/GNQ-9 except for improved cutting head network. Cutting head: 50 to 8000cps pickup: 70 to 7500cps.	AF: Obs	7/63
AN/GNQ-9B	Recorder Reproducer	Records and reproduces voice frequencies. 78 and 33 1/3rpm; p/m 4%. Replaceable needle and stylus.	AF: Std	5/55
AN/GNQ-10()	Reproducer	16" disk; 78 and 33 1/3rpm $\pm$ 4%; 5w amplifier; portable.	AMC: Obs	5/59
AN/GNQ-10	Reproducer	16" disk; 78 and 33 1/3rpm $\pm$ 4%; 5w amplifier; portable.	AF: Obs	3/58
AN/GNQ-11()	Record Set		AMC: Obs	4/57
AN/GNQ-14	Sound Recorder-Reproducer Set	Facilitates playback of recordings having been made on a separate air-borne recorder using .0036" steel wire. Response: 200 to 5000cps.	AF: Std	8/54
AN/GPM-1	Test Set	Radar test equipment, basic test equipment for 3rd echelon repair unit.	AMC: Std-A	1/44
AN/GPM-4	Computer Test Set	Computer test equipment, to check ballistics computer and to check circuit continuity.	AF: Alt-Std	9/52
AN/GPM-5	Computer Test Set	Computer test equipment, checks rate run under normal operating conditions, voltage dividers, range pots., clutches and switches.	AF: Alt-Std	9/52
AN/GPM-6	Commutator Test Set	Performs electrical check on Western Electric Commutators D-153003 and D-153361. Determines values of trimmer resistors requires for D-153361. Used with ground position indicator.	AF: Alt-Std	9/52
AN/GPM-7	Indicator Test Set	Air speed indicator electrical check.	AF: Alt-Std	9/52
AN/GPM-8	Servo Test Set	Servo test equipment, check accuracy and alignment of synchro, magnesyn, resolvers, and potentiometers.	AF: Alt-Std	9/52
AN/GPM-10	Radar Test Set	Radar test equipment, comparison of synchros for tracking and zero setting and continuity check of tracking control unit.	AF: Alt-Std	9/52
AN/GPM-11	Indicator Test Set	Indicator test, semi-automatic continuity and high voltage breakdown testing facility.	AF: Obs	1/60
AN/GPM-12	Test Adapter	Permits functional testing of components and circuitry of apparatus panel, amplifier unit, and servo-amplifier unit of ground position indicator.	AF: Alt-Std	9/52
AN/GPM-13	Test Adapter	Test adapter to give complete performance check to amplifier sub-assembly.	AF: Alt-Std	9/52
AN/GPM-14	Antenna Test Set	Antenna equipment, antenna pattern axis determination, uses 0 to 20 $\mu$ a meter. Used with various radars.	AF: Alt-Std BWA: Pref	9/52 3/61
AN/GPM-15	Signal Generator	Signal generator, 100kc to 1950kc in 6 fixed ranges output, lv, lmv, 15 $\mu$ v pulse or CW.(ER)	AF: Std BS: Std BWA: Pref	10/52 1/62 3/61
AN/GPM-15	Transponder Test Set	Classified.	AF: Std	5/57
AN/GPM-20	Fire Control System Test Bench Set	Fire control check; checks operation by acting as a substitution tester.	AF: Std.	1/56
AN/GPM-22	Fire Control System Test Bench Set	Fire control checkout, bench test, tested by substitution method with known good unit. Used with Fixed Type Fighter E-1.	AF: Obs	7/62



NOMENCLATURE	ITEM NAME	TECHNICAL SPECIFICATIONS & FUNCTION	STATUS	DATE
AN/GPM-23	Fire Control System Test Bench Set	Fire control checkout, bench test, tested by substitution method with known good unit. Used with Flexible Type Fighter MD-4.	AF: Std	8/56
AN/GPM-25	Radar Test Set	Tests X-band radar and bombing navigational system; will be used to quickly ascertain degree of operational fitness of a radar system. (ER)	AF: Std	4/60
AN/GPM-40	Transponder Test Set	Coder-decoder groups measurement of pulse position, width and amplitude. Measures transistor beta and collector-base current.	AF: Ltd-Std	12/61
AN/GPM-40A	Transponder Test Set	Completely simulates the operation of the air-borne transponder in applications where a complete SIF System is to be tested.	AF: Std	12/61
AN/GPM-44	Transponder Test Set	Simulates the operation of the air-borne transponder. Can be used to test individual units.	AF: Std	1/62
AN/GPM-46()	Radar Test Set	A "go-no-go" radar test set which isolates faults to the component level.	AMC: Std-A	8/62
AN/GPS-T4(V)	Radar Signal Simulator	Capable of simulating on radar indicator, 1 to 20 aircraft or missiles. Each target 100 to 2000mph, 0 to 360° azimuth and 60,000 ft altitude.	AF: Std	10/61
AN/GRM-1	Radio Test Set	To bench test air-borne communications equipment.	BWA: Obs	8/61
AN/GRM-1A	Radio Test Set	Same as AN/GRM-1.	BWA: Obs	8/61
AN/GRM-4()	Signal Generator	Signal generator, 329.3 to 335.0Mc; 15 to 30Mc for IF testing, output: 1.0 to 100,000 $\mu$ v across 53 $\Omega$ .	AMC: Std-A	1/62
AN/GRM-4	Signal Generator	Signal generator, 329.3 to 335.0Mc; for IF testing, output: 1.0 to 100,000 $\mu$ v across 53 $\Omega$ .	AF: Std	6/51
AN/GRM-10	Radio Test Set Group	Facilitates maintenance and bench checkout of AN/ARC-58&(). Contains cable assemblies, dummy load mountings.	AF: Std	7/63
AN/GRM-51	Radio Test Set	Performs routine and operational tests, modulation percentage alignment, wave shape analysis, and checking modulating frequencies.	AF: Std	4/63
AN/GRM-53	Radio Frequency System Analyzer Set	Used to analyze efficiency of an RF system by measuring VSWR, noise figure, and resistance.	AF: Std	11/62
AN/GRM-54	Radio Frequency System Analyzer Set	Used to analyze efficiency of an RF system by measuring VSWR, noise figure, and resistance. Used with various ground radio receivers in the high frequency range.	AF: Std	11/62
AN/GSM-1()	Meter Test Equipment	Meter equipment to test and calibrate meters at 4th and 5th echelon maintenance.	AMC: Std-C	4/61
AN/GSM-1	Meter Test Equipment	Meter equipment to test and calibrate meters at 4th and 5th echelon maintenance.	AF: Obs	12/55
AN/GSM-2	Meter Test Equipment	Power supply test, to check v output and v regulators, regulation and ripple.	AF: Alt-Std	9/52
AN/GRM-3()	Radio Test Set	To service AN/PRC-6(), 8(), 9(), 10().	AMC: Dev	10/50
AN/GSM-6()	Insulation Breakdown Test Set	Insulation test, provides facilities to measure dc current at voltages up to 40kv, to check insulation and dielectric adequacy.	AMC: Std-A	1/58
AN/GSM-7	Demultiplexer Test Set	For testing of OA-979/GKA-4. Provides a means of simulating data input information, for making operational adjustments and performance testing.	AF: Tent-Std	9/56
AN/GSM-9	Universal Camera Control System Test Set	Tests for operational suitability of all components of the Universal Camera Control System and the series 22 Scanner System and Flash Detector. "go-no-go" type tests.	AF: Ltd-Std	9/62

NOMENCLATURE	ITEM NAME	TECHNICAL SPECIFICATIONS & FUNCTION	STATUS	DATE
AN/GSM-15	Flight Simulator Test Set	Used by maintenance personnel for performance testing and adjusting of aircraft flight simulators and instrument flying trainers.	AF: Std	11/57
AN/GSM-21()	Signal Generator Test Set	Indicates, using front panel meter, the direction and amplitude of phase error between reference and variable phases of the signal generator.	AMC: Std-A	8/62
AN/GSM-44	Shelter Mounted Electronic Shop	Provides means for mounting, storage and use of test equipment, and facilities required for maintenance and support of Operations Centrals AN/MSQ-18() and AN/TSQ-38().	AMC: Std-A	1/61
AN/GSM-65()	Motor-Generator Test Set	Measures output voltage, output current, frequency of single phase or three phase aircraft inverters.	AMC: Std-A	1/62
AN/GSM-73	Communications Test Set	Classified.	AF: Std	12/62
AN/GWM-1	Fuse Section Test Set	Tests the forward umbilical cord and electrical fusing components of the Rocket, Air-to-Air Type MB-1 during periodic surveillance or initial assembly.	AF: Std	8/60
AN/GWM-2	Ignition Circuit Test Set	To provide capability for testing motor igniter and associated circuitry of Rocket Air-to-Air Type MB-1 during periodic surveillance or initial assembly. Used with Rocket, Air-to-Air Type MB-1.	AF: Ltd-Std	3/60
AN/GWM-2A	Igniter Circuit Test Set	Checks circuitry of MB-1 Rocket Igniters and Heater Blanket.	AF: Tent-Std	3/60
AN/GWM-4	Armament Wiring System Special Weapon Test Set	Capable of detecting and analyzing wiring faults, caused by poor workmanship, malfunction and combat damage. Self-contained.	AF: Std	7/59
AN/GWM-5	Bombing Navigational System Test Bench Group	Used to provide a quick means of ground testing all components of MA-6A and MA-7A.	AF: Std	1/57
AN/GWM-6	Bombing Navigational System Test Bench Group	Provides a quick means of ground testing all components of MA-6A and MA-7A. Electrically similar to AN/GWM-5 but components not interchangeable.	AF: Std	5/57
AN/GWM-7	Armament Wiring System Special Weapon Test Set	Checks control and monitor systems of fighter aircraft for capability with class "D" stores. To check continuity, completes circuits by shorting specific terminals. Monitor light for indicating critical shorts and opens. Satisfies minimum AEC requirements.	AF: Alt-Std	7/59
AN/GWM-8A	Armament Wiring System Special Weapon Test Set	Used to checkout special weapon wiring in air force bomber type aircraft. Checks continuity, shorts, and transpositions.	AF: Alt-Std	7/59
AN/GXH-4()	Recorder-Reproducer		AMC: Dev	7/58
AN/MJM-4	Relay Test Set	Classified.	AMC: Std-B	8/61
AN/MJM-5	Computer Test Set	Classified.	AMC: Std-B	8/61
AN/MPM-1	Test Set	Radar test equipment, special type for 3rd echelon maintenance to test units mentioned.	AMC: Obs	12/45
AN/MPM-2	Test Set	Radar test equipment, special type for 3rd echelon maintenance to test units mentioned.	AMC: Std-A	1/44
AN/MPM-3	Test Set	Radar test equipment, special type for 3rd echelon maintenance to test units mentioned.	AMC: Obs	1/46
AN/MPM-4	Test Set	Radar test equipment, special type for 3rd echelon maintenance to test units mentioned.	AMC: Obs	12/45

NOMENCLATURE	ITEM NAME	TECHNICAL SPECIFICATIONS & FUNCTION	STATUS	DATE
AN/MPM-5	Test Set	Radar test equipment, special type for 3rd echelon maintenance to test units mentioned.	AMC: Obs	6/56
AN/MPM-6()	Test Set	Radar test equipment, special type for 3rd echelon maintenance to test units mentioned.	AMC: Obs	4/57
AN/MPM-7	Test Set	Radar test equipment, special type for 3rd echelon maintenance to test units mentioned.	AMC: Obs	6/54
AN/MPM-9	Test Set	Radar test equipment, special type for 3rd echelon maintenance to test units mentioned.	AF: Obs	4/60
AN/MPM-10	Test Set	Radar test equipment, special type for 3rd echelon maintenance to test units mentioned.	AF: Obs	4/60
AN/MPM-11	Test Set	Radar test equipment, special type for 3rd echelon maintenance.	AMC: Obs	10/49
AN/MPM-12	Test Set	Radar test equipment, special type for 3rd echelon maintenance to test units mentioned.	AF: Obs	4/60
AN/MPM-13	Test Set	Radar test equipment, special type for 3rd echelon maintenance to test units mentioned.	AF: Obs	4/60
AN/MPM-15	Test Set	Radar test equipment, special type for 3rd echelon maintenance to test units mentioned.	AMC: Obs	4/57
AN/MPM-20()	Radar Test Set	Radar test equipment for frequency, wavelength and general test purposes.	AMC: Obs	4/57
AN/MPM-21	Radar Test Set	Radar test equipment, class A general test equipment for X-band radar.	AMC: Obs	4/49
AN/MPM-23()	Radar Test Set	Radar test equipment for 3rd and higher echelon maintenance.	AMC: Std-A	2/49
AN/MPM-24()	Radar Test Set	Radar test equipment for all around maintenance at field and depot level.	AMC: Std-A	12/53
AN/MPM-25()	Radar Test Set	Radar test equipment for 3rd or higher echelon maintenance.	AMC: Canc	6/62
AN/MPM-28	Radar Test Set	Classified.	AMC: Std-B	
AN/MPM-28A	Radar Test Set	Classified.	AMC: Std-B	
AN/MPM-28B	Radar Test Set	Classified.	AMC: Std-B	7/58
AN/MPM-29	Trailer Mounted Electronic Shop	Classified.	AMC: Std-B	7/58
AN/MPM-30	Computer Test Set	Classified.	AMC: Std-B	7/58
AN/MPM-31	Servo Test Set	Classified.	AMC: Std-B	7/58
AN/MPM-32	Servo Test Set	Classified.	AMC: Std-B	7/58
AN/MPM-33	Servo Test Set	Missile test equipment, to test data units of NIKE I System.	AMC: Std-B	
AN/MPM-34	Trailer Mounted Electronic Shop	Classified.	AMC: Std-B	7/58
AN/MPM-35	Radar Test Set	Classified.	AMC: Std-B	7/58
AN/MPM-36	Electrical Power Test Set	Classified.	AMC: Std-B	7/58
AN/MPM-37	Radar Test Set	Classified.	AMC: Std-A	
AN/MPM-37A	Radar Test Set	Classified.	AMC: Std-A	11/58



NOMENCLATURE	ITEM NAME	TECHNICAL SPECIFICATIONS & FUNCTION	STATUS	DATE
AN/MPM-39	Trailer Mounted Electronic Shop	Classified.	AMC: Std-A	11/58
AN/MPM-40	Trailer Mounted Electronic Shop	Classified.	AMC: Std-A	11/58
AN/MPM-42	Electrical Power Test Set	Classified.	AMC: Std-A	11/58
AN/MPM-43	Radar Test Set	Classified.	AMC: Std-A	11/58
AN/MPM-44	Trailer Mounted Electronic Shop	Classified.	AMC: Std-A	
AN/MPM-44A	Trailer Mounted Electronic Shop	Provides complete testing facilities for all plug-in components of the NIKE System.	AMC: Std-A	11/58
AN/MPM-45	Computer Test Set	Classified.	AMC: Std-A	11/58
AN/MPM-46	Trailer Mounted Electronic Shop	Classified.	AMC: Std-A	11/58
AN/MPM-46A	Trailer Mounted Electronic Shop	Provides complete testing facilities for all plug-in components of the NIKE-Hercules System when combined with AN/MPM-44.	AMC: Std-A	11/58
AN/MPM-46B	Trailer Mounted Electronic Shop	Provides complete testing facilities for all plug-in components of the NIKE System.	AMC: Std-A	11/58
AN/MPM-47	Servo Test Set	Classified.	AMC: Std-A	11/58
AN/MPM-48	Servo Test Set	Classified.	AMC: Std-A	11/58
AN/MPM-48A	Servo Test Set	Measures voltages, currents, and phase of servos and audio circuits under operation conditions; alignment of servo and audio circuits.	AMC: Std-A	11/58
AN/MPM-49()	Radar Test Set	Facilitate testing, repair and maintenance of AN/MPQ-4().	AMC: Std-A	7/60
AN/MPM-50	Radio Beacon Test Set	Provides a source of RF power for calibrating bolometer mounts.	AMC: Std-B	8/61
AN/MPM-51	Transponder Test Set	Aids in localizing the cause of malfunction in the air-borne transponder of the Lacross I Missile.	AMC: Std-B	8/61
AN/MPM-54	Interceptor Weapons Control System Test Set	Isolates faults causing failure to track, lock-on, etc. Flight-line tests both the RF and IR circuitry with and without various types of ECM in a simulated air-borne environment.	AF: Tent-Std	10/62
AN/MRM-3	Trailer Mounted Electronic Shop	Mobile air maintenance shop providing essential facilities for field maintenance of highly mobile communications and navigation facilities.	AF: Std	5/62
AN/MSA-21	Trailer Mounted Missile Launching Countdown Group	An enclosed trailer with control and monitoring equipment required at a launching emplacement. May be remotely or manually controlled.	AF: Std	4/60

NOMENCLATURE	ITEM NAME	TECHNICAL SPECIFICATIONS & FUNCTION	STATUS	DATE
AN/MSM-4	Guided Missile Truck Mounted Test Station	Classified.	AMC: Std-C	
AN/MSM-4A	Guided Missile Truck Mounted Test Station	Classified.	AMC: Std-B	7/58
AN/MSM-12	Guided Missile Truck Mounted Test Station	Classified.	AMC: Std-B	7/58
AN/MSM-16()	Mobile Electrical Shop		AMC: Std-A	5/58
AN/MSM-17	Shelter Electronic Shop		AMC: Std-A	5/58
AN/MSM-36	Field Maintenance Guided Missile System Components Test Station	By means of equipment located in trailer frame assembly performs self-check and checks rejecting electronic components of Sergeant Missile System returned from test area of FAM Battalion.	AMC: Ltd-Prod	8/61
AN/MSM-38	Truck Mounted Guided Missile Test Station	Performs preflight testing of the missile and transcribes flight program into missile. Part of Redstone Missile Weapons System.	AMC: Std-B	1/60
AN/MSM-42	Air-borne Electronic Reconnaissance Sub-System Fault Locator	A drum-programmed tester for checkout and fault isolation of an air-borne reconnaissance system. Systems checked out includes a digital computer, radar, and navigational gear.	AF: Tent-Std	12/62
AN/MSM-43()	Organizational Maintenance Guided Missile Shop Equipment	A mobile unit which houses the equipment to operationally test Guided Missile Anti-aircraft XM3 for flight readiness, and provides facilities for performing first and second echelons of maintenance of the Guided Missile AA, XM3.	AMC: Ltd-Prod	2/62
AN/MSM-43	Organizational Maintenance Guided Missile Shop Equipment	A mobile unit which houses the equipment to operationally test Guided Missile Anti-aircraft XM3 for flight readiness, and provides facilities for performing first and second echelons of maintenance of the Guided Missile AA, XM3.	AMC: Ltd-Prod	2/62
AN/MSM-45	Field Maintenance Electronic Shop Test Equipment	Provides mobile facilities for testing and repairing electronic components of the Corporal Missile Ground Guidance Systems.	AMC: Std-B	7/58
AN/MSM-48	Computer Test Set	Checks out all components and localizes malfunctions of Missile Guidance Computer CP-453/MSW-5 in the forward guidance equipment of Artillery Guided Missile XM4E2(8181400). P/O Truck Mounted Field Maintenance Guided Missile System XM515(K8902505) and Remote Control System XM411(K8902508).	AMC: STD-B	8/61
AN/MSM-49	Missile Guidance Components Test Set	Used to locate faulty circuits in the amplifier demodulator portion of the Missile Guidance Controller Flight AN/DJW-9 in Guided Missile Artillery XM4E2(8181400). P/O Truck Mounted Field Maintenance Guided Missile Shop Equipment XM412(K8902509) Type of test: measurement of voltage and current.	AMC: Std-B	8/61
AN/MSM-50	Guided Missile Angular Tracker Receiver Test Set	Used for alignment of circuits and to perform various tests on components of the tracker receiver.	AMC: Std-B	8/61



NOMENCLATURE	ITEM NAME	TECHNICAL SPECIFICATIONS & FUNCTION	STATUS	DATE
AN/MSM-51	Guided Missile Test Set	Used to simulate missile signals to the Mac, automatically checks self, tests voltage in the master sequencer and localizes defective circuits of subassemblies in the guided missile test set.	AMC: Std-B	8/61
AN/MSM-54	Guided Missile Angular Tracker Receiver Test Set	Classified.	AMC: Std	8/61
AN/MSM-56	Guided Missile Test Set	Classified.	AMC: Std-B	8/61
AN/MSQ-1T1	Radar Signal Simulator		AF: Obs	3/60
AN/MSQ-1A-T1	Radar Signal Simulator		AE: Obs	6/63
AN/PDR-T1	Radiac Training Set	For training personnel in methods of measuring radiation intensity.	AF: Ltd-Std AMC: Std-C	5/57 1/54
AN/PDR-T1B	Radiac Training Set	Differs from AN/PDR-T1() and T1A by components. Used to train personnel in using and handling radiation survey instruments. Production counterpart is AN/PDR-39.	AF: Ltd-Std	5/57
AN/PDR-T2	Radiac Training Set	For training personnel in methods of measuring radiation intensity 0 to 0.5/5/50mr/hr.	AMC: Std-C	10/52
AN/PDR-T3	Radiac Training Set	Consists of 2 AN/PDR-27A, 2 AN/PDR-39(), 4 DT-35()PD, 100 DT-77()/PD, 4 IM-9()/PD, 1 MX-1173()/UD and other items used to train personnel in using radiac equipment.	AMC: Obs	6/60
AN/PDR-10()	Radiac Set	Portable alpha particle detector for use in decontamination work. 0 to 1000cpm but primarily for 0 to 300cpm.	AF: Obs AMC: Obs	3/61 1/59
AN/PDR-10A	Radiac Set	Measures alpha disintegrations up to 10,000 disintegration per minute per 150 sq cm.	AF: Obs	3/61
AN/PDR-10B	Radiac Set	Similar to and interchangeable with AN/PDR-10 and AN/PDR-10A except for maintenance parts.	AF: Ltd-Std	8/57
AN/PDR-10B-T1	Radiac Demonstrator	Alpha radiation only detected in the 4 to 5Mev range. Used to demonstrate Radiac Set AN/PDR-10B.	AF: Obs	3/61
AN/PDR-27()	Radiac Set	Detects and measures beta and gamma radiations together or gamma radiations alone. 0 to 0.5/5/50/500mr/hr.	AMC: Std-A	2/60
AN/PDR-27A	Radiac Set	Similar to AN/PDR-27 but uses different batteries.	AF: Ltd-Std AMC: Std-A	2/58 6/60
AN/PDR-27C	Radiac Set	0 to 0.5/5/50/500mr/hr. Battery operated.	AF: Ltd-Std	2/58
AN/PDR-27E	Radiac Set	0 to 0.5/5/50/500mr/hr. Similar to and interchangeable with Radiac Set AN/PDR-27C.	AF: Ltd-Std	10/60
AN/PDR-27J	Radiac Set	Detects and measures beta and gamma radiation together or gamma radiation alone. 0 to 0.5/5/50/500mr/hr. Portable, watertight, battery-operated. Functionally interchangeable with other Radiac Set AN/PDR-27 equal parts.	AF: Std AMC: Std-A	10/60 7/60
AN/PDR-36()	Radiac Set	Cancelled 1/55. Replaced by IM-108()/PD.	AMC: Dev	7/54
AN/PDR-39	Radiac Set	Gamma radiation measured and detected 0 to 50r/hr in 5 ranges related by a factor of ten. Differs from AN/PDR-T1B by several components.	AF: Alt-Std AMC: Std-B	2/59 2/60
AN/PDR-43	Radiac Set	Detects beta and gamma radiation. Measures gamma radiation. 0 to 5/50/500r/hr.	AF: Tent-Std	2/59

NOMENCLATURE	ITEM NAME	TECHNICAL SPECIFICATIONS & FUNCTION	STATUS	DATE
AN/PDR-46()	Radiac Set	Beta and gamma radiation detected and measured. Range: 0 to .2/2/20mr/hr. Portable.	AMC: Obs	7/60
AN/PDR-53()	Radiac Set	Detects and measures alpha, beta and gamma radiation 0 to 50/500/5000mr/hr. Distinguishes between alpha and gamma radiation.	AMC: Canc.	5/61
AN/PDR-54()	Radiac Set	Detects and measures alpha radiation 0 to 1000/10,000/100,000 counts per minute.	AMC: Std-B	2/60
AN/PDR-61	Radiac Set	Meter type indication: 0 to 500r/hr.	AF: Tend-Std	6/62
AN/PGM-1()	Telegraph Test Set	Telegraph test equipment, electronic type variable voltage power unit, output: 175 to 275vdc, 100ma max.	AMC: Std-A	9/57
AN/PGM-1	Telegraph Test Set	Telegraph test equipment, electronic type variable voltage power unit, output: 175 to 275vdc, 100ma max.	BS: Alt-Std	1/62
AN/PGM-1A	Telegraph Test Set	Supplies monitored output voltage, or measures external DC voltage, 175 to 275vdc.	BS: Std	1/62
AN/PNH-1()	Recorder-Reproducer Set		AMC: Dev	7/58
AN/PPM-1()	Pulse Generator	Pulse generator, 50 to 5000pps rep rate; 0.07 to 10μsec pulse width.	AMC: Std-A	1/57
AN/PPM-1()X	Pulse Generator	Provides positive or negative pulses, and may be synchronized to other equipment through built-in delay and advance sync. out circuits.	AMC: Std-A	1/57
AN/PPM-1	Pulse Generator	Pulse generator, 50 to 5000pps. rep. rate; 0.07 to 10μsec pulse width.	BS: Obs	10/62
AN/PPM-1A	Pulse Generator	Services test radar systems. Frequency range: 50 to 5000 pulse repetition rate. Pulse width: 0.07 to 10μsec.	BS: Alt-Std	11/63
AN/PQM-1	Noise Measuring Set	Water hydrophone picks up machinery sound waves emanating from hull of ship and passes signal to noise level equipment calibrated against primary standard. Similar to Navy OAY Set.	BS: Alt-Std	12/61
AN/PQM-1A	Noise Measuring Set	To measure noise going into water through ship hull. Absolute level of noise in db above 0.0002 dynes/cm <sup>2</sup> .	BS: Std	4/63
AN/PRM-1	Radio Test Set	Field intensity radio interference measurement portable; frequency range: 150kc to 25Mc.	AF: Ltd-Std BS: Ltd-Std	7/58 1/61
AN/PRM-1A	Radio Test Set	Differs from AN/PRM-1 in internal circuitry. Same description applies.	AF: Std BS: Alt-Std BWA: D	7/58 1/61
AN/PRM-1B	Radio Test Set	Differs from AN/PRM-1 and 1A in internal circuitry. Same description applies.	BS: Ltd-Std	9/62
AN/PRM-2	Field Strength Meter	Field strength measurement, pulse or CW, 120 to 220kc range for Loran testing.	AF: Ltd-Std	6/49
AN/PRM-10()	Oscillator Test Set	Test oscillator, CW and AM, 2Mc to 400Mc, to determine resonant frequency of de-energized RF circuits.	AMC: Std-A	1/55
AN/PRM-10	Oscillator Test Set	Test oscillator, CW and AM, 2Mc to 400Mc, to determine resonant frequency of de-energized RF circuits.	AF: Std BS: Std BWA: Pref	2/51 1/62 3/61
AN/PRM-14()	Radio Interference Measuring Set	Radio interference measurement, 0.15 to 80Mc, 7 bands max; measures interference levels at communications level.	AMC: Canc.	2/61
AN/PRM-15()	Multitester	Multitester, electronic type, 0 to 1000vdc, 6 steps; 0 to 100MΩ, 6 steps.	AMC: Std-C	7/62
AN/PRM-16()	Multitester	Electronic type, 0 to 1000vdc, 6 steps; 0 to 100MΩ, 6 steps, cancelled 3/17/55 sbAN/PRM-15()X. Superseded by AN/PRM-15()X.	AMC: Canc.	7/62

NOMENCLATURE	ITEM NAME	TECHNICAL SPECIFICATIONS & FUNCTION	STATUS	DATE
AN/PRM-20	Signal Generator	Classified.	AF: Ltd-Std	1/62
AN/PRM-22()	Radio Interference Measuring Set	75 to 500Mc $\pm 2\%$ in 3 bands. Meter: -2 to 2db $\pm 15\%$ interference and $\pm 25\%$ carrier accuracy, 50n input Z.	AMC: Canc.	2/61
AN/PRM-25	Radio Interference Measuring Set	150kc to 30Mc transistorized.(ER)	BS: Std	1/62
AN/PRM-26()	Radio Beacon Test Set	108 to 112Mc portable field and course detector, provides visual indication of RF field strength generated by ILS localizer.	AMC: Std-A	7/62
AN/PSM-1A	Insulation Test Set	Portable, general purpose, self powered ohm-meter used to measure insulation resistance. Operates from the self-contained hand-cranked AC generator. Resistance range: 0 to 100M $\Omega$ .	BWA: Obs	8/61
AN/PSM-2	Insulation Test Set	Resistance range: 0 to 1000M $\Omega$ . Power source: self-contained hand generator. Includes ZM-14/PSM-2.	AF: Ltd-Std BWO: Pref	6/56 2/63
AN/PSM-2A	Insulation Test Set	Similar to and interchangeable with AN/PSM-2. Design improved by substitution of selenium rectifier in lieu of tube rectifiers.	AF: Std BWA: Pref BWO: Pref	6/56 9/58 7/63
AN/PSM-3	Voltmeter	Portable; ac type, 50 to 1000cps. 0 to 15, 30, 75, 150 and 750v. Accuracy: 1% of full scale deflection.	AF: Std BS: Std BWA: Pref	8/55 4/63 9/58
AN/PSM-4()	Multitester	Non electronic type. 2 to 4000vdc. in 10 steps, 2 to 1000vac in 9 steps, 100 $\mu$ a to 10a in 9 steps, 0 $\Omega$ to 1M $\Omega$ in 5 steps. Accuracy: $\pm 3\%$ on dc and ac ranges. Accuracy: $\pm 4\%$ on 4kv range. 20k $\Omega$ /v on dc; 1k $\Omega$ /v on ac.	BWO: Pref	7/63
AN/PSM-4	Multitester	Non electronic type. 2 to 4000vdc in 10 steps, 2 to 1000vac in 9 steps, 100 $\mu$ a to 10a in 9 steps, 0 $\Omega$ to 1M $\Omega$ in 5 steps. Accuracy: $\pm 3\%$ on dc and ac ranges, $\pm 4\%$ on 4kv range 20k $\Omega$ /v on dc, 1k $\Omega$ /v on ac.	BS: Ltd-Std BWA: D	1/62
AN/PSM-4A	Multitester	Electrically and mechanically interchangeable with AN/PSM-4 except for different parts due to different manufacturer. 0 to 5000vdc in 10 steps, 0 to 1000vdc in 9 steps. Accuracy $\pm 5\%$ on ac ranges, $\pm 3\%$ of arc on resistance ranges.	BS: Ltd-Std	9/26
AN/PSM-4B	Multitester	Completely interchangeable with AN/PSM-4A except for maintenance parts (change of manufacturer).	BS: Alt-Std BWA: Pref	1/62 3/61
AN/PSM-4C	Multitester	Same as AN/PSM-4 except for 0.05 to 5000vdc in 10 steps, 0.1 to 1000vac in 9 steps, 2 $\mu$ a to 10a dc in 9 steps, 1 to 100M $\Omega$ in 5 steps. For general purpose use.	BS: Std	1/62
AN/PSM-5()	Transistor Test Set	Cancelled 8/14/56.	AMC: Dev	3/52
AN/PSM-6()	Multitester	0 to 1000vdc at 1000 $\Omega$ /v or 20,000 $\Omega$ /v, plus 0 to 5000v at 20,000 $\Omega$ /v. 0 to 1000vac at 1000 $\Omega$ /v. 0 to 500ma and 1, 2.5, 10a. 0 to 10M $\Omega$ .	AMC: Std-A	7/62
AN/PSM-6	Multitester	0 to 1000vdc at 1000 $\Omega$ /v or 20,000 $\Omega$ /v, plus 0 to 5000v at 20,000 $\Omega$ /v. 0 to 1000vac at 1000 $\Omega$ /v. 0 to 500ma and 1, 2.5, 10a. 0 to 10M $\Omega$ .	AF: Ltd-Std BS: Ltd-Std BWA: Obs	12/62 1/62 8/61
AN/PSM-6A	Multitester	Same as AN/PSM-6 except that this equipment will have complete overload protection.	AF: Ltd-Std	12/62
AN/PSM-6B	Multitester	0 to 1000vdc in 7 ranges at 1 or 20k $\Omega$ /v $\pm 3\%$ accuracy. 0 to 100 $\mu$ a(dc) and 0 to 1a in 7 ranges $\pm 3\%$ accuracy. 0 to 1000vac in 7 ranges at 1000 $\Omega$ /v and 0 to 10M $\Omega$ in 10 ranges. Accuracies stated are % full scale. Includes ME-70C/PSM-6.	AF: Std	12/62
AN/PSM-7	Signal Generator	Classified.	AF: Ltd-Std	1/62



NOMENCLATURE	ITEM NAME	TECHNICAL SPECIFICATIONS & FUNCTION	STATUS	DATE
AN/PSM-10	Data Link Test Set	Can be used for all levels of maintenance, from depot to flight line. Will permit checkout of system as installed in the aircraft.	AF: Ltd-Std	1/62
AN/PSM-12	Resistor Test Set	Tests potentiometer centering. Ammeter, 50 to 0 to 500a. Internal battery.	AMC: STD-A	11/58
AN/PSM-13()	Battery Test Set	Hand-held type, one meter with "good"- "bad" markings. Test battery BA-270()/U and BA-279()/U.	AMC: Std-A	4/60
AN/PTM-2()	Electrical Cable Test Set	Portable, battery powered, tests insulation resistance of telephone lines in dial central offices.	AMC: Std-A	6/52
AN/PTM-4()	Electrical Cable Test Set	Portable, battery operated, measures insulation resistance of telephone cables or equipment in a manual central office. Resistance range: 0 to 100Ω. Similar to Western Electric Co. Test Set 64959.	AMC: Std-A	4/54
AN/PTM-6()	Telephone Test Set	Measures electrical characteristics of field phones, handset, head and chest sets, micro-phones, receivers, generators, ringers, capacitors, and telephone dials. Range: 500 to 2500cps. Capacitor test circuit range: .05 to 4mf.	AMC: Std-B	1/63
AN/PTM-6	Telephone Test Set	Measures electrical characteristics of field phones, handset, head and chest sets, micro-phones, receivers, generators, ringers, capacitors, and telephone dials. Range: 500 to 2500cps. Capacitor test circuit range: .05 to 4mf.	AF: Std	7/57
AN/SPM-4	Frequency Power Meter	Frequency range: 5400 to 5900Mc.	BWO: Pref	7/63
AN/SPM-5	Radar Test Set	Classified.	BWO: Pref	7/63
AN/SPM-5A	Radar Test Set		BWO: Pref	7/63
AN/SPM-6A	Range Calibrator Set.	Receives microwave power from the radar transmitter. Power is heterodyned, precisely delayed repeatedly, sampled at each delay, restored to the original microwave frequency and broadcast to the receiver.	BWO: Pref	7/63
AN/SPM-6C	Range Calibrator Set		BWO: Pref	7/63
AN/SPM-9	Radar Test Set	Classified.	BWO: Pref	7/63
AN/SPM-10	Radar Test Set	Classified.	BWO: Pref	7/63
AN/SPM-12	Radio Frequency Monitor	Classified.	BWO: Pref	7/63
AN/SPM-13A	Magnetron Test Set	Provides pulses of the proper shape and timing for analyzing the operating characteristics of the QK662 and the QK447 Magnetrons.	BWO: Pref	7/63
AN/SQM-1	Sound Measuring Set	Range: 8 to 35kc. Provides an absolute measurement of the noise level of a ship as seen on the sonar. Provides a measure of transmitted pulse power.	BS: Std	1/62
AN/TAM-1()	Test Signals Simulator	Portable unit which isolates faults in sub-assemblies of Surveillance Information Center Infrared AN/TAQ-1.	AMC: Std-A	1/63
AM/TAM-2()	Infrared Signal Simulator	Checks video and synchronization of Surveillance Information Center Infrared AN/TAQ-1.	AMC: Std-A	1/63
AN/TFM-2()	Camera Test Set	Indicates focussed infinity setting and film plane alignment of objective lens in SigC Still Camera PH-47-(). Operates from 0°F to 125°F.	AMC: Std-A	12/50

NOMENCLATURE	ITEM NAME	TECHNICAL SPECIFICATIONS & FUNCTION	STATUS	DATE
AN/TNH-2()	Sound Recorder-Reproducer Set	High fidelity dual speed, dual track electromagnetic tape recorder-reproducer. 1/4" tape, 7 1/2 and 15ips tape speed.	AMC: Std-A	3/51
AN/TNH-2	Sound Recorder-Reproducer Set	High fidelity dual speed, dual track electromagnetic tape recorder-reproducer. 1/4" tape, 7 1/2 and 15ips tape speed.	AF: Ltd-Std	3/62
AN/TNH-3()	Sound Recorder-Reproducer Set		AMC: Std-B	9/61
AN/TNH-4()	Sound Recorder-Reproducer Set		AMC: Std-B	8/58
AN/TNH-5()	Sound Recorder-Reproducer Set		AMC: Std-A	5/56
AN/TPM-3()	Radar Test Set	Radar test equipment for 2nd echelon maintenance.	AMC: Obs	8/54
AN/TPM-7()	Radar Test Set	Radar test equipment, special items for isolated installation use.	AMC: Obs	4/57
AN/TPM-9	Guidance Section Test Equipment	Used to check operation of NIKE I Missile Guidance Section.	AMC: Std-B	7/58
AN/TPQ-18	Missile Range Instrumentation Set	A set capable of tracking ICBM's or satellites. Provides back-up to AN/FPQ-6 during overhaul or modification retrofit program. Consists of air transportable modular units.	AF: Tent-Std	5/60
AN/TRM-1	Radio Test Set	Measures transmitter and receiver performance.	BWA: Pref	9/58
AN/TRM-3	Radio Test Set	Provides CRT display of response. Includes signal generator of range: 15 to 400Mc; output: 0.1 $\mu$ v to 0.1v; deviation: $\pm$ 2 to $\pm$ 20% of center frequency for 25cps signal. Provides AM at 400cps and crystal markers.	AF: Std BS: Std BWA: Pref BWO: Pref	2/53 1/62 9/58 7/63
AN/TSM-2()	Quartz Crystal Unit Test Set	Measurement of activity and frequency of quartz crystals. Range: 200kc to 1200kc. Used with CR-2/U-3/U-4/U or for general purposes.	AMC: Std-A	8/49
AN/TSM-3()	Standard Crystal Test Set	No more to be procured. Individual components to be procured separately. Consists of TS-537()/TSM and TS-330()/TSM mounted in CY-23/TSM-1 and CY-23/TSM-1 cases. For testing units resonating within kc to 14Mc.	AMC: Canc	11/57
AN/TSM-4()	Standard Crystal Test Set	Includes Standard Oscillator TS-384/TSM, Calibration Coil TN/-102/TSM and Carrying Case CY-23/TSM-1.	AMC: Obs	3/57
AN/TSM-5()	Wire Repair-Rewind Set		AMC: Std-B	2/54
AN/TSM-7()	Resistor Test Set	10 $\Omega$ to 20 $\Omega$ having accuracy of $\pm$ 1/2% over required resistance range. Records 100 measurements/hr. Designed to test over +10°C to +50°C and adverse humidity and altitude conditions.	AMC: Canc	7/53
AN/TSM-9	Frequency Meter	0.01cps to 10Mc. Functions by counting the input signal over a time interval. The result is displayed digitally.	BS: Ltd-Std	9/62
AN/TSM-13()	Envelope Delay Distortion Measuring Set	Provides transmitter output and receiver input signal of 100 to 10,000cps in 1 band, 1 channel with 25cps sine wave modulation. Used to measure envelope delay characteristics of voice frequency military communications networks.	AMC: Dev	7/58

NOMENCLATURE	ITEM NAME	TECHNICAL SPECIFICATIONS & FUNCTION	STATUS	DATE
AN/TSM-16()	Frequency Meter	Electronic counter w/crystal controlled timing gate. 20cps to 1Mc; accuracy: $\pm 0.001\%$ or $\pm 1$ count. Direct frequency display. Measures pulse intervals $\pm 10\mu\text{sec}$ accuracy.	AMC: Std-A	5/58
AN/TSM-16	Frequency Meter	Electronic counter w/crystal controlled timing gate. 20cps to 1Mc; accuracy: $\pm 0.001\%$ or $\pm 1$ count. Direct frequency display. Measures pulse intervals $\pm 10\mu\text{sec}$ accuracy.	BS: Std	11/63
AN/TSM-21	Guided Missile Launcher Electrical Circuit Test Set	Designed for making examinations of electrical circuits on the NIKE HERCULES Guided Missile Launcher.	AMC: Std-A	11/58
AN/TSM-22	Data Link Test Set	"Go-no-go" tests (output levels and voltage readings). Signal generator 5kc fixed bit rate internally generated 1kc to 150kc externally generated.	AF: Std	2/62
AN/TSM-23	Data Link Test Set	"Go-no-go" tests (output levels and voltage readings). Used for bench testing AN/ARP-56(). 5kc int bit rate, 1kc to 150kc externally generated.	AF: Canc	3/63
AN/TSM-24	Data Link Test Set	Classified.	AF: Canc	3/63
AN/TSM-25	Data Link Test Set	Signal generating devices for bench test of AN/ARR-65&(). "Go-no-go" tests, output level and voltage readings. Contains signal generator, 5kc fixed and 1kc to 150kc variable bit rates.	AF: Canc	3/63
AN/TSM-26	Data Link Test Set	Signal generating devices for bench test of AN/ARR-61&(). "Go-no-go" tests, output level and voltage readings. Contains signal generator, 5kc fixed and 1kc to 150kc variable bit rates.	AF: Std	2/62
AN/TSM-28	Data Link Test Set	5kc bit rate internally generated; 1 to 150kc externally generated. Used for bench testing the air-borne components of the air-borne data link set for the IM-99 Missile.	AF: Std	8/61
AN/TSM-29	Data Link Test Set	5kc bit rate internally generated 1 to 150kc bit rate externally generated.	AF: Std	9/61
AN/TSM-33	Resistor Test Set	Tests the output response, linearity and electro-mechanical accuracy of the linear feed back resistor used in the fin control of the NIKE HERCULES Guided Missile. Range: 25 to 0 to $25\mu\text{a}$ , 0 to 10,000 $\Omega$ .	AMC: Std-A	11/58
AN/TSM-34	Missile Tracking Antenna Calibration Test Set	Classified.	AMC: Std-B	8/61
AN/TSM-35	Transponder Set Test Set	Tests operating parameters of guidance section of missile. Outputs of the transponder control groups are measured by a null voltage test circuit.	AMC: Std-A	11/58
AN/TSM-36	Missile Guidance Components Test Set	Performs acceptance tests on the RF and pulse components of the missile guidance section.	AMC: Std-A	11/58
AN/TSM-37	Missile Guidance Components Test Set	Performs acceptance tests on the control amplifiers and power supplies of the missile guidance section.	AMC: Std-A	11/58
AN/TSM-38	Missile Guidance Components Test Set	Provides housing and interconnecting cabling with proper fusing for an Oscilloscope AN/USM-50A and Spectrum Analyzer TS-148/UP.	AMC: Std-A	11/58
AN/TSM-39	Remote Control System Guided Missile Field Maintenance Shop Equipment	Electrical equipment shelter permanently fitted with equipment and tools for field maintenance of pulse radar equipment in Hawk Guided Missile System.	AMC: Ltd-Prod	2/62



NOMENCLATURE	ITEM NAME	TECHNICAL SPECIFICATIONS & FUNCTION	STATUS	DATE
AN/TSM-40()	Guided Missile System Field Maintenance Shop Equipment	Electrical equipment shelter permanently fitted with equipment and tools for contact maintenance of Hawk Guided Missile System.	AMC: Ltd-Prod	2/62
AN/TSM-40	Guided Missile System Field Maintenance Shop Equipment	Electrical equipment shelter permanently fitted with equipment and tools for contact maintenance of Hawk Guided Missile System.	AMC: Ltd-Prod	2/62
AN/TSM-41()	Guided Missile Remote Control System Shop Equipment	Electrical equipment shelter permanently fitted with equipment and tool for field maintenance of radar in Hawk Guided Missile System.	AMC: Ltd-Prod	2/62
AN/TSM-42()	Guided Missile Remote Control System Shop Equipment	Radar in electrical equipment shelter permanently fitted with equipment and tools for field maintenance of radar in Hawk Guided Missile System.	AMC: Ltd-Prod	2/62
AN/TSM-43()	Guided Missile Target Ranging Test Set	Tests and simulates the Target Ranging Set AN/TSS-5.	AMC: Ltd-Prod	2/62
AN/TSM-43	Guided Missile Target Ranging Test Set	Tests and simulates the Target Ranging Set AN/TSS-5.	AMC: Std-B	8/61
AN/TSM-44()	Organizational Guided Missile Remote Control Shop Equipment	A group of items containing the necessary equipment to perform first and second echelons of maintenance of the ground equipment within the Hawk Guided Missile System.	AMC: Ltd-Prod	2/62
AN/TSM-45()	Guided Missile System Field Maintenance Shop Equipment	Electrical equipment shelter with equipment and tools for testing and repairing electrical, electronic and mechanical equipment in Hawk Guided Missile System.	AMC: Ltd-Prod	2/62
AN/TSM-46	Organizational Maintenance Guided Missile Remote Control System Test Equipment	Used in making examinations of ground equipment units within Hawk Guided Missile System. P/O Organizational Maintenance Guided Missile Remote Control System Shop Equipment AN/TSM-44&().	AMC: Ltd-Prod	2/62
AN/TSM-47	Radar Test Set	Classified.	AMC: Ltd-Prod	2/62
AN/TSM-48	Frequency Calibrator Set	Classified.	AMC: Std-B	8/61
AN/TSM-50	Signal Generator	Intended to furnish an RF output between 1 $\mu$ v and 0.1v which is required to checkout, align, calibrate and test the time division data link equipment.	AF: Tent-Std	8/62
AN/UDM-1()	Radiac Calibrator Set	Calibrated in roentgens vs distance, range: 0.5mr to 500r/hr.	AMC: Std-A	10/52
AN/UDM-1A	Radiation Calibrator Set	Radiac calibrator, calibrated in roentgens vs distance, range: 0.5mr to 500r/hr.	AF: Std	12/57
AN/UGM-1()	Teletype Test Set	Teletypewriter equipment to measure characteristics of signals and reversals.	AMC: Dev	7/58
AN/UGM-2()	Telegraph Test Set	Provides means for the generation and distortion measurements and analysis of synchronous telegraph transmission systems and equipment.	AMC: Dev	7/58

NOMENCLATURE	ITEM NAME	TECHNICAL SPECIFICATIONS & FUNCTION	STATUS	DATE
AN/UGM-3	Teletype-writer Test Set	Used for testing and maintenance of start-stop and synchronous teletypewriter and associated equipment. Contains signal generator and distortion analyzers.	AF: Tent-Std	2/59
AN/ULA-2()	Pulse Analyzer Group	Classified.	AMC: Dev	7/58
AN/ULA-2	Pulse Analyzer Group	Classified.	AF: Tent-Std	2/62
AN/UNG-1()	Sound Recording Set		AMC: Obs	4/57
AN/UNH-1	Sound Recorder-Reproducer Set		AMC: Dev	7/58
AN/UNQ-1()	Sound Recording Set	60 ft/min portable film type recorder.	AMC: Obs	4/57
AN/UPA-1	Detector-Amplifier Assembly	Portable, general purpose, 110vac 50 to 70cps operating power, provides display for oscilloscope of envelope of input signal; from 100cps to 6Mc or as modulation of carriers of 6Mc and above.	BS: Alt-Std	1/62
AN/UPA-1A	Detector-Amplifier Assembly	Portable, general purpose, 110vac 50 to 1700cps operating power, provides display for oscilloscope of envelope of input signal; from 175cps to 6Mc or as modulation of carriers of 15 to 11,000Mc.	BS: Alt-Std	1/62
AN/UPA-1B	Detector-Amplifier Assembly	Portable, general purpose. Displays waveform of 175cps to 6Mc signals, which may be inputs as such or modulations on carriers of 15 to 11,000Mc. External oscilloscope required. 110vac 50 to 1000cps 4.5w operating power.	BS: Std	1/62
AN/UPA-39	Coder-Decoder Group	Tests operation and coding accuracy of the selective identification feature equipments which are used in conjunction with Mark 10 IFF Radar Recognition Sets and Radar Identification Sets.	BS: Obs	10/62
AN/UPM-1	Radar Maintenance Equipment	Portable. Used to test and monitor radar beacons 155 to 235 and 460 to 570Mc frequency range. Contains wavemeters, oscillators, scope, rectifier power units and coordinating circuits.	BS: Alt-Std BWA: Obs	11/63 8/61
AN/UPM-1A	Radar Maintenance Equipment	Same description as AN/UPM-1.	BS: Alt-Std	1/62
AN/UPM-1B	Radar Maintenance Equipment	Same description as AN/UPM-1.	AF: Std BS: Std	1/50 1/62
AN/UPM-2()	Wavemeter Test Set	For frequency measurement, consists of 2 wavemeters 75 to 400Mc and 350 to 1350Mc.	AMC: Std-A	11/60
AN/UPM-2(XN-1)	Wavemeter Test Set		BS: Ltd-Std	1/62
AN/UPM-2	Wavemeter Test Set	For frequency measurement, consists of 2 wavemeters 75 to 400Mc and 350 to 1350Mc. Similar to TS-65/AP.	BS: Std	1/62
AN/UPM-4()	Radar Test Set		AMC: Std-B	1/62
AN/UPM-4A	Radar Test Set	Tests Mark 10 IFF System. Monitors waveforms, measures frequency, produces coded RF and video pulses, demodulates RF pulses, measures pulsed RF power, receiver frequency, bandwidth and sensitivity, contains Oscilloscope OS-29/UPM-4A and Code Simulator SM-45/UPM-4A.(ER)	AF: Obs BWA: Obs	1/64 10/62
AN/UPM-6()	Radar Test Set	Consists of general test equipment for deck testing of squadron testing at an airfield of Mark V IFF Equipment.	AMC: Std-B	1/62

NOMENCLATURE	ITEM NAME	TECHNICAL SPECIFICATIONS & FUNCTION	STATUS	DATE
AN/UPM-6	Radar Test Set	Consists of general test equipment for deck testing of squadron testing at an airfield of Mark V IFF Equipment.	BWA: Obs	8/61
AN/UPM-6A	Radar Test Set		AF: Std	3/50
AN/UPM-6B	Radar Test Set		AF: Std	3/52
AN/UPM-7	Radar Test Set	Radar test equipment, consists of echo box, crystal rectifier test and power meter, checks performance of S <sub>s</sub> band radar and X <sub>s</sub> band crystal rectifiers.	BS: Std	1/62
AN/UPM-8	Radar Test Set	Tests transponders (identification sets, which function by answering coded signals automatically), in the 1000 to 1200Mc range, by interrogating the unit with the correct code combination.	AF: Obs	12/60
AN/UPM-8B	Radar Test Set	Tests transponders, such as those in the Mark 10 IFF System, including when they are operated with SIF Coding Equipment, such as Coder Group AN/APA-89.	BWA: Pref	3/61
AN/UPM-9	Radar Test Set	Frequency and power measurement in 5000 to 5650Mc range. Measures receiver sensitivity and frequency and power of transmitter.	AF: Canc BWA: D	2/62
AN/UPM-10	Radar Test Set	Radar test equipment, frequency range: 8500 to 9600Mc; sweep generator; 0 to 6Mc/μsec. Pulse generator: pulse characteristics video RF free-running 1250cps square wave. (ER)	AF: Ltd-Std	4/55
AN/UPM-10A	Radar Test Set	Same description as AN/UPM-10.	BS: Ltd-Std BWA: D	1/58
AN/UPM-10B	Radar Test Set	Same description as AN/UPM-10. (ER)	AF: Std BWA: Obs	1/58 8/61
AN/UPM-11()	Range Calibrator Set	Radar signal fed into calibrator where it is delayed for a known period of time; and returns to radar set; also provides target indication.	AMC: Std-A	6/56
AN/UPM-11	Range Calibrator Set	Radar signal fed into calibrator where it is delayed for a known period of time; and then returns it to radar set; also provides target indication.	BS: Ltd-Std BWA: D	3/55
AN/UPM-11A	Range Calibrator Set	Same description as AN/UPM-11.	AF: Std BWA: Sup	3/52 10/62
AN/UPM-12	Radar Test Set	VSWR measurements: 3 scales; 1.05 to 1.3, 1.3 to 2.0, 2.0 to 3.0, frequency range: 8500 to 9600Mc.	AF: Ltd-Std	11/56
AN/UPM-12A	Radar Test Set	VSWR measurements: 3 scales; 1.05 to 1.3, 1.3 to 2.0, 2.0 to 3.0, frequency range: 8500 to 9600Mc. (ER)	AF: Std	11/56
AN/UPM-14	Radar Test Set	Portable, general purpose, contains an FM test set, a spectrum analyzer, and a synchroscope. Measures RF power, frequency and sensitivity. Displays radar pulse spectra components.	AF: Std BWA: Pref	12/61 9/58
AN/UPM-15()	Pulse Generator	50 to 10,000pps pulse rep frequency; int or ext sync.	AMC: Dev	9/56
AN/UPM-15	Pulse Generator	50 to 10,000pps repetition frequency. One or two pulses spaced 2 to 3μsec apart. Synchronization: int and ext, sine wave to pulse, positive or negative. Output: ±0.0002 to 200v, 0.5 to 100μsec wide, both pulse simultaneously variable. 0.05 to 0.25μsec rise time; 0.10 to 0.30μsec fall time. Z: 0.25 to 2500Ω.	AF: Ltd-Std BS: Ltd-Std	10/59 11/63
AN/UPM-15A	Pulse Generator	Same description as AN/UPM-15.	AF: Std	10/59
AN/UPM-16	Electrical Cable Test Set	Measures corona starting and extinction voltages, has 0 to 20kv test voltage with 37ma maximum current. CRT display. (ER)	AF: Std	3/51
AN/UPM-17	Spectrum Analyzer	Measures power distribution of CW, AM, FM, pulse, noise signals, 10 to 16,000Mc, 8 bands 5" CRT.	AF: Ltd-Std BS: Ltd-Std BWO: Sup	4/58 1/62 7/63



NOMENCLATURE	ITEM NAME	TECHNICAL SPECIFICATIONS & FUNCTION	STATUS	DATE
AN/UPM-18	Radar Test Set	Capacitor type voltage divider. 35,000 peak voltage maximum. Ratios: 50 to 1 and 200 to 1.	AF: Ltd-Std	9/59
AN/UPM-18A	Radar Test Set	Same description as AN/UPM-18.	AF: Std	9/59
AN/UPM-19()	Radar Test Set	Classified.	AF: Alt-Std	11/52
AN/UPM-19	Radar Test Set	Classified.	AF: Ltd-Std	11/52
AN/UPM-19A	Radar Test Set	Classified.	AF: Ltd-Std	11/52
AN/UPM-19B	Radar Test Set	Classified.	AF: Ltd-Std	10/57
AN/UPM-19C	Radar Test Set	Classified.	AF: Ltd-Std	2/59
AN/UPM-24()	Radar Test Set	Slotted line, for field distribution measurement on line, 1120 to 1700Mc frequency range.	AF: Alt-Std	6/52
AN/UPM-25()	Radar Test Set	Measures transmitter power, frequency, receives sensitivity; and general alignment.	AF: Std	7/52
AN/UPM-26	Radar Test Set	To test IFF Sets AN/APX-7 and AN/APX-20 on a "go-no-go" basis. Range: 1090 to 1110Mc.	BWA: Pref	7/62
AN/UPM-27	Standing Wave Indicator Set	Classified.	AF: Ltd-Std	11/59
AN/UPM-27A	Standing Wave Indicator Set	Portable, general purpose, measures VSWR in the frequency range: 15,700 to 17,000Mc. VSWR: 1.10 to 5.10.	AF: Std	11/59
AN/UPM-28	Spectrum Analyzer	Classified.	AF: Ltd-Std	4/60
AN/UPM-28A	Spectrum Analyzer	Classified.	AF: Ltd-Std	4/60
AN/UPM-28B	Spectrum Analyzer	15,700 to 17,000Mc one band; accurate within +8Mc at any frequency. Input Z: 40,000Ω. CRT display.	AF: Std	4/60
AN/UPM-29()	Radar Test Set	Classified.	AF: Ltd-Std	1/60
AN/UPM-29A	Radar Test Set	Classified.	AF: Ltd-Std BS: Alt-Std	1/60 1/62
AN/UPM-29B	Radar Test Set	Tests and measures the performance of radar and beacon equipment in the frequency range: 15.7 to 17.0kMc.	AF: Std BS: Std BWO: Pref	1/60 1/62 7/23
AN/UPM-30	Radar Test Set	General test equipment. Consist of echo box and accessories.	AF: Std	4/54
AN/UPM-32	Radar Test Set	Measures frequency and power, displays spectrum, measures recovery time 8500 to 10,500Mc. (ER)	BWA: Pref	9/58
AN/UPM-33	Spectrum Analyzer	Portable, general purpose. Depot test overall performance of a radar system. Measures frequencies, pulse width, spectrum width and Q of resonant cavities. Basic unit, less cables and adaptors, in Spectrum Analyzer TS-148/UP.	AF: Ltd-Std BS: Alt-Std BWA: D AMC: Std-A	8/56 1/62 11/60
AN/UPM-33A	Radar Test Set	Measures frequency and displays components of RF signals 8470 to 9630Mc range and within a 40Mc band width. (ER)	AF: Std BS: Std BWA: Sup BWO: Pref AMC: Std-A	8/56 1/62 10/62 7/63 11/60
AN/UPM-34	Antenna Test Set	Checks antenna constant (cycles/knots) in range (input): 25 to 300cps, 50 to 200mv. Counter 1 to 99,999cps.	AF: Std	2/59
AN/UPM-35	Computer Test Set	Amplifier test, measures voltage and gain.	AF: Std	2/59



NOMENCLATURE	ITEM NAME	TECHNICAL SPECIFICATIONS & FUNCTION	STATUS	DATE
AN/UPM-36	Signal Comparator	Compares nominally same input frequency from radar to 4kc oscillator built internally, CRT display.	AF: Std	2/59
AN/UPM-37	Signal Generator	Portable, field tester for air-borne doppler radar equipment. Checks receiver and frequency tracker operation. Power req: 110vac, 60 to 1000cps.	AF: Std	2/59
AN/UPM-38()	Radar Target Set	Target simulator, for alignment of optical and electrical axis.	AMC: Std-A	6/52
AN/UPM-40	Range Calibrator Set	Portable, general purpose, checks accuracy of radar range circuits and determines delays present in the radar system. Power req: 110vac, 60 to 800cps, 150w.	AF: Std	11/57
AN/UPM-41()	Radar Test Set	Measures sub-clutter visability at IF, measures phase detector characteristics, measures IF and video pulse jitter.	AF: Alt-Std	11/52
AN/UPM-41	Radar Test Set	Portable, measures frequency, power transmitted, receiver bandwidth, sensitivity, displays spectra of magnetrons, local oscillators. Power req: 115vac, 50 to 800cps, 240w. 23.5 to 24.5kMc frequency range. Similar to AN/SPM-5, AN/UPM-32, AN/UPM-44, except frequency range.	AF: Std	6/57
AN/UPM-44(XN-1)	Radar Test Set	Same as AN/UPM-44, except, power req: 110vac, 50 to 1000cps, 210w.	BS: Ltd-Std	1/62
AN/UPM-44	Radar Test Set	Makes spectrum analysis, measures average power and frequency, sensitivity, frequency and bandwidth of receiver. 2700 to 3400Mc range.	BS: Ltd-Std	1/62
AN/UPM-44A	Radar Test Set	Makes spectrum analysis, measures average power and frequency, sensitivity, frequency and bandwidth of receiver. 2700 to 3550Mc range.	BS: Ltd-Std	9/62
AN/UPM-44B	Radar Test Set	Same description as AN/UPM-44A.	AF: Ltd-Std BS: Alt-Std	10/58 1/62
AN/UPM-44C	Radar Test Set	Same description as AN/UPM-44A.	AF: Std BS: Std BWA: Pref	10/58 1/62 9/58
AN/UPM-45	Oscilloscope	Frequency response: 60cps to 1.5Mc, 2db; 30cps to 6.5Mc, 6db; sweep 200 to 200,000cps; 0.2v p - p vertical, 15v p - p horizontal sensitivity. (ER)	BS: Ltd-Std	9/62
AN/UPM-46	Test Oscillator	3.0 to 11.0kMc, rep rate 800cps, 200 $\mu$ v out at 50 $\Omega$ , to check RF circuits and systems.	AF: Std BS: Std BWA: D	7/56 1/62
AN/UPM-48	Antenna Test Set	Permits drift angle calibration of AS-618/APN-81.	AF: Obs	10/57
AN/UPM-49	Indicator Group Amplifier	A detecting-indication system used with wavemeter to make RF frequency measurements.	AF: Tent-Std	5/55
AN/UPM-50()	Electrical Dummy Load	Dc to 2Mc range, 8kw peak, 10w nom; as voltage divider 240 to 1.	AMC: Std-A	1/59
AN/UPM-50	Electrical Dummy Load	Dc to 2Mc range, 8kw peak, 10w nom; as voltage divider 240 to 1.	AF: Std	4/57
AN/UPM-53	Radar Test Set	Measures absolute jitter relative jitter of 2 pulses, pulse width jitter of 1 pulse. Min jitter 0.000 2 $\mu$ sec; max jitter 0.5 $\mu$ sec.	AF: Std	2/59
AN/UPM-55	Pulse Generator	20 to 20,000cps, variable 0.22 to 22 $\mu$ sec width $\pm$ 10%. Output: 0.5 to 50v. Contains CRT with 1.0 to 625 $\mu$ sec sweep and 2.0 to 200 $\mu$ sec sweep delay.	BS: Std BWA: D BWO: Pref	1/62 7/63
AN/UPM-55A	Pulse Generator	Same description as AN/UPM-55.	BWA: Pref	3/61
AN/UPM-56()	Radar Test Set	Complete check, measures frequency power, generates CW and pulse test signals, 8500 to 9600Mc frequency range.	AMC: Std-A	3/59

NOMENCLATURE	ITEM NAME	TECHNICAL SPECIFICATIONS & FUNCTION	STATUS	DATE
AN/UPM-56	Radar Test Set	Complete check, measures frequency power, generates CW and pulse test signals, 8500 to 9600Mc frequency range.	AF: Std BS: Std	12/55 9/62
AN/UPM-58()	Spectrum Analyzer	15.8 to 16.2kMc, 1 band, for CW and pulsed signals. Accuracy: 10Mc over entire range.	AMC: Std-A	1/59
AN/UPM-60	Radar Test Set	Measures frequency and power, provides CW pulse or FM signal output; 15.8 to 16.2kMc frequency range.	AMC: Std-A	1/59
AN/UPM-61	Range Calibrator	No indicator, gives pulses at 500yd intervals. Supplies sync pulses. Interchangeable with TS-102B/AP.	AF: Std BS: Ltd-Std	12/56 1/62
AN/UPM-63	Pulse Generator	Classified.	AF: Std	3/57
AN/UPM-65	Radar Signal Simulator	Gives characteristics of target aircraft to set gain of radar angular tracking loop.	AF: Ltd-Std	3/58
AN/UPM-66	Radar Test Set	Tests system subclutter visibility, receive subclutter visibility.	AF: Tent-Std	10/57
AN/UPM-68	Radar Test Set	Tests IF characteristics, cancellation ratios and subclutter of receiver and canceller portions of MFI. Continues SG-89/UP and SG-90/UP.	AF: Std	6/59
AN/UPM-70	Radar Test Set	Tests Mark 10 IFF System, and radar sets in the 925 to 1225 frequency range. Contains Oscilloscope OS-56/UPM-70, Coder Simulator SM-85/UPM-70. (ER)	AF: Canc BS: Ltd-Std	9/60 4/63
AN/UPM-70A	Radar Test Set	Provides complete facilities for performing corrective maintenance and installation adjustments for the IFF Mark X System. Similar to and interchangeable with Radar Test Set AN/UPM-70.	BWA: Sup	10/62
AN/UPM-71	Range Calibrator	Furnishes + and - mile markers with 5 mile markers if desired.	AF: Std	3/57
AN/UPM-72	Radar Test Set	Measures frequency drift of a 30Mc stable local oscillator signal or coherent signal within range of 1120Mc to 3200Mc and 7000Mc to 10,000Mc.	AF: Std	7/59
AN/UPM-73()	Pulse Power Calibrator Set	Power measurement, to calibrate power measuring equipment.	AMC: Std-A	6/59
AN/UPM-80	Radar Test Set	Classified.	AF: Std	12/59
AN/UPM-81	Radar Signal Simulator	Simulates complete radar signal. Range: 1215 to 1355Mc. Generates ten 5 mile markers. (ER)	BS: Std	1/62
AN/UPM-84	Spectrum Analyzer Set	10 to 40880Mc in 8 bands, receives AM, FM, CW, pulse and noise modulated RF. Contains TS-1011/UPM-84 filters, cables, attenuators, and adapters. (ER)	AF: Ltd-Std BS: Ltd-Std BWA: D	4/63 9/62
AN/UPM-84A	Spectrum Analyzer Set	10Mc to 63,680Gc, 10 bands. Receives AM, FM, CW, pulse and noise modulated RF signals. Frequency calibration +1%. CRT display.	AF: Std BWA: Pref	4/63 3/61
AN/UPM-85	Radar Test Set	Used with scope; measures video pulses between 200 to 20,000v in high impedance circuits.	AF: Std	7/59
AN/UPM-92	Transponder Test Set	Transmits on 1020 to 1040Mc; receives on 1080 to 1100Mc. Provides a system check, including the antenna, for basic Mark X(SIF), or Mark XII when used with IFF transponder sets. Used to make pre-flight test to indicate transponder performance on a "go-no-go" basis.	AF: Tent-Std	12/63
AN/UPM-93()	Electrical Power Test Set	Portable test set used to make voltage and frequency measurements of 400c power circuits; designed for use in monitoring electrical power supplied to a radar set from a remote source. Contains TS-934/U.	AMC: std-A	1/59
AN/UPM-93	Electrical Power Test Set	Portable test set used to make voltage and frequency measurements of 400c power circuits; designed for use in monitoring electrical power supplied to a radar set from a remote source. Contains TS-934/U.	AF: Std	3/61

NOMENCLATURE	ITEM NAME	TECHNICAL SPECIFICATIONS & FUNCTION	STATUS	DATE
AN/UPM-95	Frequency Meter	Measurement of pulse or continuous microwave frequency, in the range of 8500 to 9600Mc. Also rectified crystal current and repeller voltage in radar systems. Contains FR-123/UPM-95, case and connectors.	BS: Std	1/62
AN/UPM-96()	Radar Test Set	Radar receiver noise figure is monitored continuously. Power requirements: 110vac, 60 to 400c single phase.	AMC: Std-A	1/59
AN/UPM-97	Radar Test Set	Classified.	AF: Std	2/59
AN/UPM-98	Radar Test Set	Tests IFF systems. Equipment is a combined oscilloscope, wavemeter, signal generator and coder. Contains TS-1253/UP.(ER)	AF: Std BS: Alt-Std BWA: Pref AMC: Std-A	12/60 9/62 7/62 2/60
AN/UPM-99	Radar Test Set	Tests Mark IFF and SIF Equipment. Measures: RF power, transmitter frequency, pulse waveforms. Functionally interchangeable with AN/UPM-70B and AN/UPM-98. This is a modified AN/UPM-45.(ER)	AF: Ltd-Std BWA: Sup	8/63 10/62
AN/UPM-100	Electrical Power Test Set	Provides measurement of voltage and frequency over the range of 0 to 300vac and 58 to 62c. Replaces I-209-().	AMC: Std-A	2/60
AN/UPM-101	Radar Test Set	Tests ranging circuits of PPI indicators and the performance of radar video distribution systems. Contains TS-1289/UPM-101, cable and adapter.	BS: Std	1/62
AN/UPM-102()	Radar Test Set	General use, measures power, frequency, spectrum and frequency pulling of conventional and multi-pulse radar transmitters; sensitivity and bandwidth measurements of receivers; TR Tube recovery time and video signal indicator. 8.5 to 10.5kmc.	AMC: Std-A	1/62
AN/UPM-108	Signal Generator	Provides test signals for TROPO Communications equipment where range of 2170 to 24,000Mc is applicable. Frequency stability is one part in ten million per day.	AMC: Std-A	1/61
AN/UPM-109	Radar Test Set	Functional testing and calibration of radar sets and systems. Provides simulated target pulse, can be set in range, moved at a desired rate.	BWA: Pref	3/61
AN/UPM-114	Group Test Set	Supports the AN/APS-88 Radar Set, electrically and physically. Contains fixtures, cables, antenna position simulator and power panel.	BS: Std	12/62
AN/UPM-115	Range Calibrator Set	Classified.	BWO: Pref	7/63
AN/UPM-125	Electronic Identification System Test Set	Designed for field and depot maintenance, calibration, and checking of Mark X (SIF) Interrogator, transponder, and video processing equipments. Similar to AN/UPM-98.	AF: Tent-Std	8/63
AN/UPM-127	Audio Signal Generator		BWO: Pref	7/63
AN/UQM-1	Sonar Test Set	Used with TR-110 to 113/SQM and Sonar Hoist E-19/SQM. Includes: oscilloscope with driven sweep to 10kc, response to 60kc and calibrated attenuator, oscillator of 5 to 60kc $\pm 2\%$ and signal pulser of width 2 to 10msec and delay 0.5 to 5sec.	BS: Obs	4/63
AN/UQM-2	Sonar Test Set	Cancelled 2/20/53. RaAN/PQM.	BS: Ltd-Std	9/62
AN/URM-1	Radio Test Set	For testing directional sonobuoy.	BWA: Obs	8/61
AN/URM-2()	Laboratory Standard	Standards, inductance, capacitance, resistance and voltage control.	AMC: Std-A	9/46
AN/URM-3()	Radio Interference Measuring Set	Quantitative measure of radiated and/or conducted RF; range: .15 to .40 and 1.6 to 42Mc.	AMC: Std-B	3/59



NOMENCLATURE	ITEM NAME	TECHNICAL SPECIFICATIONS & FUNCTION	STATUS	DATE
AN/URM-5()	Frequency Meter Set	Consists of 3 frequency meters, rack mounted, cancelled 2/16/54.	AMC: Canc	4/55
UN/URM-6()	Radio Test Set	Radio interference and field intensity measurement 14kc to 250kc, 1 $\mu$ v/m to 1.0v/m.	AMC: Std-A	7/62
AN/URM-6	Radio Test Set	Radio interference measurement 14 to 250kc; as 2 terminal voltmeter: 1 $\mu$ v to 1.0v; as field intensity measurement equipment: 10 $\mu$ v to 1v. Power required: 105 to 125v and 210 to 250v phase, 50 to 1600cps; will operate from batteries. Z: 50 $\Omega$ , 20 $\Omega$ , high impedance, symmetrical and asymmetrical.	AF: Std BS: Ltd-Std BWA: Pref	10/52 11/63 3/61
AN/URM-6A	Radio Test Set	Same as AN/URM-6 except for minor differences in components and maintenance parts.	BS: Ltd-Std	11/63
AN/URM-6B	Radio Test Set	Same as AN/URM-6 except for minor differences in component parts. 12.5kc intermediate frequency. Electrostatic pickup 1 $\mu$ v/meter to 2v/meter. Electromagnetic pickup 10 $\mu$ v/meter to 100v/meter.	BS: Ltd-Std	11/63
AN/URM-6C	Radio Test Set	Same description and function as AN/URM-6B. If rejection 60db; image rejection 50db down from signal level.	BS: Std	1/62
AN/URM-7()	Radio Interference Test Set	Interference measurement 20 to 400Mc range in 3 bands, reads from -6 to +20db or 0.5 to 10 $\mu$ v.	AMC: Std-B	3/59
AN/URM-11	Test Kit	To test and align the AN/ARC-33.	AF: Std	4/56
AN/URM-12	Voltage Point Test Set	To test and align the AN/ARC-33. Range: 0.3 to 400vac and dc.	AF: Alt-Std	5/52
AN/URM-13	Dummy Load Set	Indicates RF power by means of light bulbs. Dissipates 18w.	AF: Std BWA: Obs	7/50 8/61
AN/URM-14	Microphone Simulator Set	Over 100 to 7500cps audio range. Simulates microphone output.(ER)	AF: Alt-Std BS: Std	5/52 1/62
AN/URM-15	Signal Generator	225 to 400Mc at 0.2v, 1000cps at 2v, and 8 fixed alignment frequencies.	AF: Obs	9/61
AN/URM-17	Radio Test Set	Field strength meter 375 to 1000Mc frequency range.	AF: Std BS: Ltd-Std BWA: D	3/54 11/63
AN/URM-17A	Radio Test Set	Same as AN/URM-17A except for design changes of components.	BS: Std	1/62
AN/URM-18()	Frequency Calibrator Set	Crystal controlled oscillator 100kc to 100Mc range. Calibration: $\pm$ 1 cycle up to 10Mc, 1ppm from 10 to 100Mc.	AMC: Std-A	12/49
AN/URM-20	Summation Bridge	Power measurement: 1000 to 4000Mc frequency range, 100 $\mu$ w to 100mw power range.	AF: Ltd-Std	10/59
AN/URM-23()	Summation Bridge	Power measurement: 1000 to 4000Mc frequency range, 5mw to 5w power range in 3 ranges $\pm$ 15% galvanometer sensitivity: 200 $\mu$ a.	AMC: Std-C	6/60
AN/URM-23	Summation Bridge	Power measurement: 1000 to 4000Mc frequency range, 5mw to 5w power range in 3 ranges $\pm$ 15%, galvanometer sensitivity: 200 $\mu$ a.	AF: Ltd-Std	10/59
AN/URM-24	Summation Bridge	4000 to 10,000Mc frequency range, 5mw to 5w power range $\pm$ 15%.	AF: Ltd-Std	10/59
AN/URM-25()	RF Signal Generator	10kc to 50,000kc in 8 bands, 400 and 1000cps modulation.	AMC: Std-A	8/52
AN/URM-25	RF Signal Generator	10kc to 50,000kc in 8 bands, 400 and 1000cps modulation.(ER)	AF: Ltd-Std BS: Ltd-Std BWA: D	5/54 1/62
AN/URM-25A	RF Signal Generator	Same description as AN/URM-25.	AF: Ltd-Std BS: Ltd-Std	5/54 1/62
AN/URM-25B	RF Signal Generator	10kc to 50,000kc in 8 bands, 400 and 1000cps modulation.	AF: Ltd-Std BS: Ltd-Std	5/54 1/62



NOMENCLATURE	ITEM NAME	TECHNICAL SPECIFICATIONS & FUNCTION	STATUS	DATE
AN/URM-25C	RF Signal Generator	10kc to 50,000kc in 8 bands, 400 and 1000cps modulation.	AF: Ltd-Std BS: Ltd-Std	5/54 1/62
AN/URM-25D	RF Signal Generator	Electrically and mechanically interchangeable with AN/URM-25, 25A, 25B and 25C.(ER)	AF: Ltd-Std BS: Std BWA: Pref	7/56 1/62 7/62
AN/URM-25E	RF Signal Generator	10kc to 50,000kc in 8 bands, 400 and 1000cps modulation.(ER)	BS: Alt-Std	1/62
AN/URM-25F	RF Signal Generator	Interchangeable with AN/URM-25E. Same description except has 9 bands.	AF: Std BS: Ltd-Std BWA: D	7/56 4/63
AN/URM-26()	RF Signal Generator	Portable, 3 to 400Mc, in 6 bands; 400 to 1000cps modulation.	AMC: Std-B	8/62
AN/URM-26	RF Signal Generator	Portable, 3 to 405Mc, in 6 bands; 400 to 1000cps modulation.	BS: Ltd-Std BWA: Obs	1/62 8/61
AN/URM-26A	RF Signal Generator	Same description as AN/URM-26 except output voltage range is 0.1 to 50,000 $\mu$ v. Component parts differ.(ER)	AF: Ltd-Std BS: Alt-Std BWA: Sup	5/57 1/62 10/62
AN/URM-26B	RF Signal Generator	Same description as AN/URM-26 except range is 4 to 405Mc.(ER)	AF: Std BS: Std BWO: Pref	5/57 1/62 7/63
AN/URM-27()	Signal Generator Set	FM, 20Mc to 100Mc in 1 band 400 and 1000cps int modulation. Deviation adjustable 0 to 125kc output calibrated 0.1 to 10,000 $\mu$ v.	AMC: Obs	1/59
AN/URM-27	Signal Generator Set	FM, 20Mc to 100Mc in 1 band 400 and 1000cps int modulation. Deviation adjustable 0 to 125kc output calibrated 0.1 to 10,000 $\mu$ v.	BS: Ltd-Std	1/62
AN/URM-29()	FF Interference Test Set	38 to 1000Mc frequency range to measure intensity of radiated or conducted RF.	AMC: Std-B	3/59
AN/URM-30	Radio Test Set	Measures audio output of receiver and RF from transmitter, and generates modulated signals.	AF: Obs BS: Std	4/61 1/62
AN/URM-31	Wattmeter	Bolometer type, 20 to 2000Mc. Range: 0 to 1/2/5/10/20/50/100/200/500w. Input Z: 51.5 $\Omega$ .	AF: Ltd-Std	5/56
AN/URM-32()	Frequency Meter	125kc to 1000Mc, accuracy: 0.01%. Portable, general purpose, battery operated, tests CW or modulated RF transmitters and signal generators, by heterodyning means. Replaces Frequency Meters SCR-211, TS-174/U, TS-175/U, TS-323/UR and Navy Type LM equipment.	AMC: Std-B	8/62
AN/URM-32	Frequency Meter	Portable, general purpose, battery operated, tests CW or modulated RF transmitters and signal generators, by heterodyning means. Replaces Frequency Meters SCR-211, TS-174/U, TS-175/U, TS-323/UR and Navy.	AF: Ltd-Std BS: Ltd-Std AMC: Std-A	5/61 9/62 12/55
AN/URM-32A	Frequency Meter	Measures 125kc to 1000Mc at .01 accuracy.	AF: Std BWA: Sup	5/61 10/62
AN/URM-33()	Signal Generator	Field type RF generator used for preflight "go-no-go" checks. 1000 to 2300Mc, 1 band; continuously tunable.	AF: Ltd-Std	4/61
AN/URM-33	Signal Generator	Field type RF generator used for preflight "go-no-go" checks. 1000 to 2300Mc, 1 band; continuously tunable.	BS: Ltd-Std	1/62
AN/URM-33A	Signal Generator	Field type RF generator used for preflight "go-no-go" checks. 1000 to 2300Mc, 1 band; continuously tunable.	AF: Std	4/61
AN/URM-33AX	Signal Generator	Used for preflight "go-no-go" checks of search receivers and direction finding systems.	AF: Std	4/61
AN/URM-34	Signal Generator	Portable, field type, RF, used for preflight check of broadband radar receivers and associated equipment. Range: 2150 to 4600Mc. Power req: 110vac, 380 to 1000cps, 270w.	AF: Ltd-Std BS: Ltd-Std	6/60 1/62

NOMENCLATURE	ITEM NAME	TECHNICAL SPECIFICATIONS & FUNCTION	STATUS	DATE
AN/URM-34A	Signal Generator	Field type RF generator used for preflight "go-no-go" checks. 2150 to 4600Mc, 1 band; continuously tunable.	AF: Std	6/60
AN/URM-35	Signal Generator	Portable, field type, RF, used for preflight check of broadband radar with search and direction finding equipment. Range: 4450 to 8000Mc. Power req; 110vac, 380 to 1000cps, 270w.	AF: Ltd-Std	10/58
AN/URM-35A	Signal Generator	Used for preflight, "go-no-go" checks of search receivers and direction finding systems.	AF: Std	10/58
AN/URM-36	Signal Generator	Portable, field type, RF, used for preflight check of broadband radar with search and direction finding equipment. Range: 7850 to 10,750Mc. Power req: 110vac, 380 to 1000cps, 270w.	AF: Ltd-Std	10/58
AN/URM-36A	Signal Generator	Same description as AN/URM-36 except CW modulation is included and pulse width is 1.5 ±0.25μsec.	AF: Std	10/58
AN/URM-39	Impedance Bridge	Resistance: 0 to 1000Ω ±1%, reactance: 0 to ±5000Ω at 1Mc, 2% accuracy. (ER)	AF: Std	4/57
AN/URM-42	Interference Measuring Set	Classified.	BS: Std BWO: Pref	1/62 7/63
AN/URM-43 ( )	RF Wattmeter	Direct-reading, absorption type, 100 to 500Mc, 0 to 15 and 0 to 60w ranges. Input Z: 50Ω. Accuracy: 5% of fullscale.	AMC: Std-B	8/62
AN/URM-43	RF Wattmeter	Direct-reading, absorption type, 100 to 500Mc, 0 to 15 and 0 to 60w ranges. Input Z: 50Ω. Accuracy: 5% of full scale.	BS: Ltd-Std	1/62
AN/URM-43A	RF Wattmeter	Direct-reading, absorption type, 30 to 600Mc, 0 to 15 and 0 to 60w ranges. 5% fs.	AF: Ltd-Std BS: Ltd-Std BWA: Sup	3/61 1/62 10/62
AN/URM-43B	RF Wattmeter	For general use. 30 to 600Mc, 0 to 60w, interchangeable with AN/URM-43A	AF: Ltd-Std BS: Alt-Std	3/61 1/62
AN/URM-43C	Wattmeter	Portable, 30 to 600Mc, 0 to 60w, interchangeable with AN/URM-43B.	AF: Std BS: Alt-Std	3/61 11/63
AN/URM-44 ( )	Radio Test Set	7000Mc to 10,7500Mc ±1%. Contains TS-622/U plus cables and case.	BWO: Pref AMC: Std-A	7/63 12/55
AN/URM-44	Radio Test Set	7000Mc to 10,7500Mc ±1%. Contains TS-622/U plus cables and case.	AF: Std BS: Ltd-Std BWA: D BWO: Sup	3/56 1/62 7/63
AN/URM-44A	Radio Test Set	Used in aligning and testing radio and radar sets, capable of furnishing low power RF test signals, with adjustable frequency and power output. One way interchangeable with AN/URM-44 except for maintenance parts.	BWA: Pref	7/62
AN/URM-45	Voltmeter	Portable, dc, 0 to 0.050/.075/15/30/75v.	BWA: Pref	9/52
AN/URM-46 ( )	Wattmeter	Portable, 0 to 250mw power range, ±15% accuracy.	AMC: Canc	4/60
AN/URM-47	Radio Interference Measuring Set	Portable, general purpose, measures field intensities and interference. It is a sensitive receiver being used as a frequency selective voltmeter. Range: 20 to 400Mc. Power requirements: 110/220vac, 50 to 100cps, 150w.	BS: Alt-Std	11/63
AN/URM-47A	Radio Interference Measuring Set	20 to 400Mc, 6 bands and 6 channels, ±2%; meter: 0 to 100μv and 0 to 40db ±1%; input Z: 50Ω. Differs from AN/URM-47 in the PP-906A/URM-47 is used in lieu of PP-906/URM-47.	BS: Std	1/62
AN/URM-48 ( )	Signal Generator	19.7 to 102.4Mc in 5 bands; 9 fixed frequencies.	AMC: Std-A	6/54
AN/URM-48	Signal Generator	19.7 to 102.4Mc in 5 bands; 0.5% accuracy. 9 fixed frequencies between 1.4 and 15Mc, 0.005% accuracy. Calibrated output: 0.05μv to 0.01v ±25%. FM, internally modulated at 1kc.	AF: Std	1/61

NOMENCLATURE	ITEM NAME	TECHNICAL SPECIFICATIONS & FUNCTION	STATUS	DATE
AN/URM-49()	Signal Generator	General purpose, for use with radio and radar sets and their antennae, provides CW or pulse-modulated RF signals. Range: 400 to 1000Mc. Power req: 110vac, 50 to 1600cps, 130w.	AMC: Std-A	3/61
AN/URM-49	Signal Generator	General purpose, for use with radio and radar sets and their antennae. Provides CW or pulse-modulated RF signals. Range: 400 to 1000Mc. Power Req: 110vac, 50 to 1600cps, 130w.	AF: Std BS: Alt-Std BWA: D	3/56 1/62
AN/URM-49A	Signal Generator	394 to 1000Mc, 1 band; 0.2mv to 2v output, 50Ω impedance.	BS: Std BWA: Pref	1/62 7/62
AN/URM-50	Radio Frequency Monitor	±2% 300kc to 400Mc range, meter indicator.	BS: Std	9/62
AN/URM-52()	Signal Generator		AMC: Std-A	12/55
AN/URM-52	Signal Generator	3800 to 7500Mc, 1 band; ±1%. Output: -10 to -127dbm ±2db. 52Ω output impedance. FM, pulse modulation at 40 to 4000pps or sawtooth/sec; pulse width 0.5 to 10.0μsec.	AF: Std BS: Ltd-Std BWA: D BWO: Pref	3/56 1/62 7/63
AN/URM-52A	Signal Generator	3800 to 7500Mc, output: 0.1μv to 0.233v. Internal pulse modulation 40 to 4000cps. Internal FM 0 to 3Mc deviation.	BS: Std BWA: Pref	1/62 7/62
AN/URM-53	Signal Generator	.01 to 55Mc in 7 bands; output: 1mw to -80dbm ±3db.(ER)	AF: Std	1/62
AN/URM-54	Signal Generator	30 to 250Mc, 3 bands; output: 1mw to -80dbm.	AF: Alt-Std	3/53
AN/URM-55	Signal Generator	250 to 500Mc ±1% 2 bands; output: 1mw to -80dbm. Pulse modulated at 1000 ±100pps. 0.5μsec pulse width. Output Z: 50Ω.	AF: Std	9/59
AN/URM-56	Signal Generator	500 to 1000Mc ±1% 2 bands; output: 1mw to -80dbm ±3db. Pulse modulated at 1000 ±100pps, 0.5μsec pulse width. Output Z: 50Ω. Output may be radiated.	AF: Std	9/59
AN/URM-57	Electrical Dummy Load	100w average power, dc to 10Mc, frequency range: 500Ω impedance. 4:1 voltage divider.	AF: Obs	8/57
AN/URM-58()	Electrical Dummy Load	Portable, general purpose, used to replace antenna of radio or radar set while testing or adjusting. Frequency range: 2 to 5000Mc. Power dissipation: 500w average, 500kw peak.	AF: Alt-Std	12/52
AN/URM-59()	Electrical Dummy Load	1150 to 1750Mc, 1000w average power, 10Mw peak power. Simulates antenna load.	AF: Alt-Std	8/52
AN/URM-59	Electrical Dummy Load	1150 to 1750Mc, 1000w average power, 10Mw peak power. Simulates antenna load.	BWA: Obs	8/61
AN/URM-60	Directional Coupler	2 parallel RG-92/U Cables.	AF: Obs	7/57
AN/URM-61()	Signal Generator	1800 to 4000Mc, 1 band; output: +10 to -120db below 1mw.	AMC: Std-A	12/55
AN/URM-61	Signal Generator	1800 to 4000Mc, 1 band; output: +10 to -120db below 1mw.(ER)	AF: Ltd-Std BS: Ltd-Std BWA: D	6/57 1/62
AN/URM-61A	Signal Generator	1800 to 4000Mc, output: .1mv to .224v. Int mod at 40 to 4000pps.	AF: Std BS: Std BWA: Pref	6/57 1/62 3/61
AN/URM-62	Electrical Dummy Load	8200 to 12,400Mc for receiver and transmitter adjustment.	AF: Ltd-Std BWA: Obs	10/56 8/61
AN/URM-63	Electrical Dummy Load	8200 to 12,400Mc, acts as low power termination for 1 in x 1/2" waveguide.	AF: Std BWA: Obs	6/53 8/61
AN/URM-64()	Signal Generator	900 to 2100Mc, 1 band; ±1% 0.0 to -120dbm output. ±2db .50Ω output Z. Pulse modulation.	AMC: Std-A	12/55
AN/URM-64	Signal Generator	900 to 2100Mc, 1 band; ±1% 0.0 to -120dbm output. ±2db 50Ω output Z. Pulse modulation.(ER)	AF: Ltd-Std BS: Alt-Std BWA: D	11/57 1/62



NOMENCLATURE	ITEM NAME	TECHNICAL SPECIFICATIONS & FUNCTION	STATUS	DATE
AN/URM-64A	Signal Generator	900 to 2100Mc, 0.2 $\mu$ v to 1.6v output. Int modulation at 40 to 4000pps.	AF: Std BS: Std BWA: Pref	11/57 3/61 1/62
AN/URM-65	Relay Test Set	Gives "go-no-go" indication of relays.	AF: Std	11/58
AN/URM-67	Phase Monitor	To measure phase angle 0 to 360° between two 20 to 20kc voltages.	AF: Std	11/57
AN/URM-68	Electrical Dummy Load	5850 to 8200Mc replaces antenna.	AF: Ltd-Std BWA: Obs	10/56 8/61
AN/URM-70()	Signal Generator	50 to 400Mc range in 3 bands; 0.1 to 100,000 $\mu$ v output.	AMC: Std-A	5/56
AN/URM-70	Signal Generator	50 to 400Mc range in 3 bands; 0.1 to 100,000 $\mu$ v output.	AF: Std	2/58
AN/URM-74	Frequency Deviations Meter	100kc range; is an oscilloscope and recording millimeter.	BS: Ltd-Std	1/62
AN/URM-75	Sweep Generator	Portable, general purpose, used to align radio receivers within the frequency range of 4 to 220Mc. Power req: 110vac, 60cps, 50w.	BWA: Pref	9/58
AN/URM-76	Radio Test Set	For sub-assembly testing and circuit testing of the AN/ARC-34. 0 to 1.5/5/15/50/150/500vdc. Permits access to pins of working tubes.	AF: Alt-Std	5/58
AN/URM-76A	Radio Test Set	Tests sub-assemblies and circuitry of AN/ARC-34().	AF: Std	5/58
AN/URM-78	Shield Test	Provides substitute for shielded room. Used with signal generators TS-413()/U for testing AN/ARN-667.	AF: Std	11/57
AN/URM-79()	Frequency Meter	100kc to 20Mc; 50,000dial divisions, has internal calibration.	AMC: Std-A	4/55
AN/URM-79	Frequency Meter	100kc to 20Mc; 50,000 dial divisions, has internal calibration.	AF: Std BS: Ltd-Std BWA: Obs	11/54 9/62 8/61
AN/URM-80()	Frequency Meter	10Mc to 100Mc $\pm$ 0.001% internal crystal calibration. Includes FR-5()/U.	AMC: Std-A	4/55
AN/URM-80	Frequency Meter	10Mc $\pm$ 0.001% internal crystal calibration. Includes FR-5()/U.	AF: Std	12/54
AN/URM-81()	Frequency Meter	100Mc to 500Mc, $\pm$ 0.001%. Internal crystal calibration.	AMC: Std-A	4/55
AN/URM-81	Frequency Meter	100Mc to 500Mc, $\pm$ 0.001%. Internal crystal calibration.	AF: Std	10/54
AN/URM-82()	Frequency Meter	100kc to 20Mc, $\pm$ 0.001%, has internal calibration.	AMC: Std-A	4/55
AN/URM-82	Frequency Meter	100kc to 20Mc, $\pm$ 0.001%, has internal crystal calibration.	BS: Ltd-Std	9/62
AN/URM-83	Radio Frequency Cable Test Set	High voltage and current test to cables using HN, N, or BNC connectors.	AF: Std	11/54
AN/URM-85()	Radio Interference Measuring Set	For making quantitative measurements of radiated or conducted broad-band or carrier radio frequency interference over the frequency range from 150kc to 1000Mc.	AMC: Std-A	3/59
AN/URM-87	Directional Coupler	Provides known attenuation (40db) at 2 to 4.2Gc. BSWR: 1.2 or less. Passes 500w (average).	AF: Ltd-Std	3/58
AN/URM-89()	Field Strength Meter	120kc to 18Mc, 20 $\mu$ v/meter to 20v/meter. Portable, battery powered.	AMC: Std-B	3/59
AN/URM-89	Field Strength Meter	120kc to 18Mc, 20 $\mu$ v/meter to 20v/meter field. Portable, battery powered.	AF: Std	8/62



NOMENCLATURE	ITEM NAME	TECHNICAL SPECIFICATIONS & FUNCTION	STATUS	DATE
AN/URM-90()	Capacitance Inductance Test Set	Capacitance 0.1 $\mu$ f to 1100 $\mu$ F, inductance 0.1 $\mu$ h to 1100h, resistance 0.1M $\Omega$ to 11M $\Omega$ .	AMC: Std-A	1/59
AN/URM-90	Capacitance Inductance Resistance Test Set	Contains R-L-C bridge. L: 0.1 $\mu$ h to 1100h; R: 0.1M $\Omega$ to 11M $\Omega$ ; C: 0.1 $\mu$ f to 1100 $\mu$ f; D: 0.001 to 1.05; Q: 0.01 to 1050.	AF: Std BS: Std BWA: Pref BWO: Sup	1/57 1/62 3/61 7/63
AN/URM-91()	Field Strength Meter	18 to 125Mc frequency range, 5 to 100,000 $\mu$ v field at lower frequencies; 100 $\mu$ v to 2.5v at higher frequencies.	AMC: Std-B	9/60
AN/URM-91	Field Strength Meter	18 to 125Mc frequency range, 5 to 100,000 $\mu$ v field at lower frequencies; 100 $\mu$ v to 2.5v at higher frequencies.	AF: Std	7/58
AN/URM-92	Signal Generator	5 to 50,000cps, 4 bands, for sine and square and triangular waves. Output: 50v p-p max $\pm$ 2% frequency calibration: $\pm$ 2%.	AF: Tent-Std BS: Alt-Std	10/58 11/63
AN/URM-93()	Radio Frequency Voltage Standard	0.1 to 500Mc frequency range; 0.5, 1, and 2 $\mu$ v, output: $\pm$ 10%.	AMC: Std-A	6/56
AN/URM-94()	Radio Test Set	Measures ac and dc voltages, 25 to 174Mc, 0 to 200 $\mu$ w output.	AMC: Std-A	7/56
AN/URM-94	Radio Test Set	Measures ac and dc voltages, 25 to 174Mc, 0 to 200 $\mu$ w output.	AF: Std	4/58
AN/URM-95	Radio Test Set	Types of tests: battery voltage, current drain plate and screen voltages, transmitter power output, currents of transmitter and receiver on a "go-no-go" basis. 121.5Mc to 243Mc.	AF: Std	2/62
AN/URM-96	Wattmeter	Scales marked watts 0 to 10CW and 0 to 50CW scales. Accuracy: 5% fs.	BS: Alt-Std	1/62
AN/URM-96A	Wattmeter	0 to 10/50/100/500w fs reading. Frequency range: 2 bands; 25 to 1000Mc with coupler detector. Used to measure incident and reflected power for precise matching of loads to lines. Two way interchangeable with AN/URM-96.	AF: Std BS: Std	12/62 4/63
AN/URM-98()	Wattmeter	0.1 to 10mw portable type, RF log scale. Accuracy: 5% of fs.	AMC: Obs	8/62
AN/URM-100()	Radio Interference Measuring Set	Measurements include: radiated broad band interference, conducted broad band interference, carrier radio frequency interference.	AMC: Dev	7/58
AN/URM-103	Signal Generator	20 to 80Mc, 3 bands; $\pm$ 0.01%. FM internal at 150, 170, and 1000cps; 0 to 30kc deviation. Output: 0.05 to 10,000 $\mu$ v $\pm$ 10%, 10 to 500mv $\pm$ 26%.	BS: Std	11/63
AN/URM-105()	Multitester	General utility measuring instrument for measuring ac and dc voltages and resistances.	AMC: Std-A	8/58
AN/URM-113()	Radio Test Set	A special test set designed to test plug-in units in various radio sets.	AMC: Std-A	7/59
AN/URM-114(XG-1)	Radio Calibrator Set	Experimental Naval Model AN/URM-114.	BS: Ltd-Std	1/62
AN/URM-114	Radio Calibrator Set	Silently tunes final stage of transmitters to within $\pm$ 25ma of minimum plate current attainable with on the air tuning. Range: 2 to 18Mc for transmitter or 2 to 32Mc for antenna.	BS: Std	1/62
AN/URM-115	Frequency Deviation Meter	Transistorized, capable of comparing a 100kc, 1Mc 2.5Mc, Or 5Mc signal from a standard frequency source with output to 1 part/10 <sup>-6</sup> . (ER)	BS: Std	1/62
AN/URM-120()	Wattmeter	2 bands; 2 to 1000Mc frequency range. Power measurement: 0 to 1/0 to 5/ 0 to 10/0 to 100/0 to 500/ and 0 to 1000w fs reading.	AMC: Std-A	8/62

NOMENCLATURE	ITEM NAME	TECHNICAL SPECIFICATIONS & FUNCTION	STATUS	DATE
AN/URM-120	Wattmeter	3 bands; 2 to 1000Mc frequency range. Manual method of reflection. 0 to 1/0 to 5/0 to 10/0 to 50/0 to 100/0 to 500/ and 0 to 1000w fs reading.(ER)	BS: Alt-Std BWA: Pref	9/62 3/61
AN/URM-127	Signal Generator	20 to 200,000cps in 4bands. Similar to TS-382F/U (non-interchangeable); output: 10vac.(ER)	AF: Tent-Std BS: Std BWO: Sup	8/62 1/62 7/63
AN/URM-132	Radio Test Set	Comprehensive spectrum analyzer for field and laboratory use in narrow band communication system, 20 to 22.5kc.	BS: Alt-Std	1/62
AN/URM-134	Radio Test Set	Comprehensive spectrum analyzer for field and laboratory use in single sideband and other narrow band communications systems.	BS: Alt-Std	1/62
AN/URM-153	Frequency Divider		BS: Std	11/63
AN/URS-5			BWA: Pref	7/62
AN/USM-3	Tool Test Set	Tool set for general maintenance of radios.	AF: Ltd-Std BS: Obs-nt	10/55 1/62
AN/USM-3A	Tool Test Set	Tool set for general maintenance of radios.	BS: Obs-nt	1/62
AN/USM-5	Impedance Measuring Test Set	Waveguide check of power and voltage, standing wave ratios and impedance; 3950 to 5850Mc.	AF: Tent-Std	4/54
AN/USM-6	Impedance Measuring Test Set	Waveguide check of power and voltage, standing wave ratios and impedance; 5850 to 8200Mc.	AF: Std	6/59
AN/USM-7	Impedance Measuring Test Set	Waveguide check of power and voltage, standing wave ratios and impedance; 7050 to 10,000Mc.	AF: Std	4/51
AN/USM-11	Impedance Measuring Test Set	Waveguide check of power and voltage, standing wave ratios and impedance; 3950 to 10,000Mc.	AF: Alt-Std	5/52
AN/USM-14	Impedance Measuring Test Set	Waveguide check of power and voltage, standing wave ratios and impedance; 8200 to 12,400Mc.	AF: Std	6/59
AN/USM-16	Signal Generator	10 to 440Mc, 1 band; modulation: 400 to 1000cps int, 80 to 5000cps ext, 400 and 1000cps.(ER)	AF: Std	8/50
AN/USM-17	Synchro Test Set	To measure angle represented by output of 3 windings of synchro.	AF: Alt-Std	9/52
AN/USM-18	Resistance Bridge Set	Portable, used for precision resistance measurement in Ground Position Indicator AN/APA-44. Range: 0.001 to 10,000,000 $\Omega$ . Power req: 90 to 130vac, 50 to 400cps and batteries.	AF: Alt-Std	9/52
AN/USM-20	Electrical Power Test Set	Power measurement: 85 to 105cps and 335 to 365cps.	AF: ALT-Std	9/52
AN/USM-21	Ohmmeter	0 to 0.1/1.0/10 $\Omega$ $\pm$ 1% fs accuracy (-65 to +55°C). Power: 1.5v battery.	AF: Ltd-Std EWA: D	12/60
AN/USM-21A	Ohmmeter	Same description as AN/USM-21.	AF: Std EWA: Pref	12/60 7/62
AN/USM-22	Wavemeter	9310Mc $\pm$ 0.3Mc, used to check transmitter frequency.	AF: Std	12/51
AN/USM-23()	Electron Tube Test Set	Ionization type, for testing Geiger-Muller and high voltage regular tubes.	AMC: Obs	6/61
AN/USM-23	Electron Tube Test Set	Ionization type, for testing Geiger-Muller tubes and H.V. regular tubes.	AF: Ltd-Std	1/62
AN/USM-24()	Oscilloscope	3", vert response: 4cps to 10Mc, vert defl: 0.035v rms/in sweep: 8cps to 600kc.	AMC: Std-B	1/61

NOMENCLATURE	ITEM NAME	TECHNICAL SPECIFICATIONS & FUNCTION	STATUS	DATE
AN/USM-24	Oscilloscope	3" screen. Sweep: recurrent 8cps to 600kc, triggered 1.25 to 125,000 $\mu$ sec duration. Frequency response: 4cps to 10Mc on Y-axis to 700kc on X-axis, to 10Mc on Z-axis. Sensitivity: 35mv(rms) inch on Y-axis, 4v(rms)/inch on X-axis. Input Z: 300k $\Omega$ on X and Y-axis. (ER)	AF: Ltd-Std BS: Obs-nt BWA: D BWO: Sup	8/55 1/62 7/63
AN/USM-24A	Oscilloscope	Same functional description as AN/USM-24() but 5.6M $\Omega$ input impedance on horizontal axis.	BS: Obs-nt	1/62
AN/USM-24B	Oscilloscope	3"; vert response: 1.5cps to 10Mc, vert defl: 0.06vrms/in, sweep: 8cps to 800kc.	BS: Obs-nt	1/62
AN/USM-24C	Oscilloscope	3", vert response: 1.5cps to 10Mc, vert defl: 0.06vrms/in, sweep: 8cps to 800kc. (ER)	AF: Ltd-Std BS: Obs-nt BWA: D	5/57 1/62
AN/USM-25	Oscilloscope	3", 3 modes of operation: as conventional scope 1.5 to 11Mc, and has A and R sweeps for ranging.	BS: Alt-Std	1/62
AN/USM-25A	Oscilloscope	Same description as AN/USN-25.	AF: Std BS: Std BWA: D	9/54 1/62
AN/USM-25B	Oscilloscope	Same description as AN/USM25A but case is for ground use.	BS: Alt-Std	1/62
AN/USM-25C	Oscilloscope		BS: Ltd-Std	12/62
AN/USM-25F	Oscilloscope		BS: Ltd-Std	12/62
AN/USM-26()	Frequency Meter	10cps to 100Mc; has 6 decade indicators and 2 meter indicators.	AMC: Std-A	10/54
AN/USM-26	Frequency Meter	10cps to 100Mc $\pm$ 1 count, stability $\pm$ 2/million/week. Readout: 6 digits plus 2 meters. 5 sampling periods from 1msec to 10.0sec. 4 time unit unit periods from 0.1 $\mu$ sec to 0.1sec, 10.0cps, 1.0kc, 100.0kc and 10Mc outputs derived from secondary standard. Also measures time intervals and periods. Requires 20.0 to 300v across 1M $\Omega$ shunted by 40 $\mu$ f. (ER)	AF: Ltd-Std BS: Ltd-Std BWO: Sup	1/60 1/62 7/63
AN/USM-26A	Frequency Meter	Interchangeable with AN/USM-26.	AF: Std BS: Ltd-Std BWA: Pref BWO: Sup	1/60 1/62 3/62 7/63
AN/USM-26B	Frequency Meter		BS: Ltd-Std	12/62
AN/USM-27()	Signal Generator	120cps to 4kc, pulse type, pulse output variable from 1 to 40v p-p.	AMC: Std-B	1/59
AN/USM-27	Signal Generator	120cps to 4kc, pulse type, pulse output variable from 1 to 40v p-p.	BS: Ltd-Std	1/62
AN/USM-27A	Signal Generator	Same description as AN/USM-27 but pulse height to 60v positive, to 120v negative.	BS: Alt-Std	1/62
AN/USM-27B	Signal Generator	Same description as AN/USM-27A but 300 $\Omega$ output impedance for negative pulses. (ER)	BS: Std	1/62
AN/USM-28	Signal Generator	Signal generator sweep, 30Mc to 60Mc center frequencies; sweep width: 3Mc to 20Mc; for IF alignment of radars.	BS: Std	1/62
AN/USM-29	Frequency Meter	15kc to 30Mc, 1 band; continuous calibration, input impedance approx. 1000 $\Omega$ , paralld by 90mmf accurate to 1 part in 10.	BS: Ltd-Std	9/62
AN/USM-30	Signal Generator	20cps to 200kc, 4 bands; output: 0 to 10v variable.	AF: Std BS: Ltd-Std BWA: Obs	3/56 1/62 10/62
AN/USM-31()	Electron Tube Test Set	General purpose receiving tube tester, meters all electrode voltages and currents. Transconductance tests. Similar to Navy Type OD-7.	AMC: Std-A	3/59
AN/USM-31	Electron Tube Test Set	Gneeral purpose receiving tube tester, meters all electrode voltages and currents. Transconductance test. Similar to Navy Type Od-7.	BS: Obs-nt	1/62



NOMENCLATURE	ITEM NAME	TECHNICAL SPECIFICATIONS & FUNCTION	STATUS	DATE
AN/USM-32()	Oscilloscope	3", frequency range: 10cps to 4Mc, vert defl: 0.1rmsv/inch.	AMC: Std-A	7/58
AN/USM-32	Oscilloscope	3" sweep: 5cps to 100kc with markers at 1/10/100/1000/10,000 $\mu$ sec. Sweep triggered by 100v, 1 to 2 $\mu$ sec pulse. Frequency response: 10cps to 4Mc on Y-axis, sensitivity: 0.1rmsv/inch on Y-axis. Input Z: 1M $\Omega$ on X,Y, and Z axis. Portable.(ER)	BS: Alt-Std BWA: D BWO: Sup	1/62 7/63
AN/USM-33()	Multitester	Split-core clamp-on. 0 to 15/60/150/600a; 0 to 150/300/600vac from 50 to 1000cps, fs accuracy: $\pm$ 2%.	AMC: Std-A	6/58
AN/USM-33	Multitester	Split-core clamp-on. 0 to 15/60/150/600a; 0 to 150/300/600vac from 50 to 1000cps, fs accuracy: $\pm$ 2%.	AF: Std BS: Alt-Std BWO: Pref	11/55 1/62 7/23
AN/USM-34()	Multitester	0 to 1000vdc in 4 ranges, 0 to 100rmsv in 2 ranges, 0 to 3000v p-p in 3 ranges, 0 to 1a(dc) in 4 ranges, 0 to 2000M $\Omega$ in 4 ranges. Input Z: 13.3M $\Omega$ (dc and ac).	BWO: Sup	7/63
AN/USM-34	Multitester	Electronic, 0 to 1000vdc, 0 to 100vrms, 0 to 3000v p-p ac. 0 to 1000ma, 0 to 1000M $\Omega$ .	BS: Ltd-Std	1/62
AN/USM-34A	Multitester	Electronic, 0 to 1000vdc, 0 to 100vrms, 0 to 3000v p-p ac. 0 to 1000ma, 0 to 1000M $\Omega$ .	BS: Ltd-Std	1/62
AN/USM-34B	Multitester	Same description as AN/USM-34&() but to 1000vac in 4 ranges and RF probe is included.	BS: Ltd-Std	12/62
AN/USM-35	Standing Wave Indicator	2600 to 3950Mc, for VSWR and impedance measurements.	AF: Tent-Std	5/59
AN/USM-37()	Standing Wave Indicator	Standing wave measurement for coax and waveguide using 1000cps modulation. Includes IM-97/USM-137.	AMC: Std-A	1/59
AN/USM-37	Standing Wave Indicator	Standing wave measurement for coax and waveguide using 1000cps modulation. Includes IM-97/USM-137.	BS: Alt-Std	1/62
AN/USM-37A	Standing Wave Indicator Ratio	Same description as AN/USM-37 but includes IM-157/U rather than IM-97/USM-37.	BS: Alt-Std BWA: Pref	12/62 3/61
AN/USM-37B	Standing Wave Indicator Ratio		BS: Std	12/62
AN/USM-38	Oscilloscope	3", vert, freq: 100cps to 5Mc, vert defl: 75rmsv/in, sweep: 5 to 50,000cps.	BS: Ltd-Std	1/62
AN/USM-39	Computer Test Set	To test servo amplifiers in latitude and longitude computer AN/ASN-6 and AN/ASN-7.	AF: Ltd-Std	3/58
AN/USM-44()	Signal Generator	10 to 420Mc $\pm$ 0.5% using crystal checkpoints. Output: 0.1mv to 0.5v. Internal modulation: 400 and 1000cps.	AMC: Std-A	1/62
AN/USM-44	Signal Generator	10 to 420Mc $\pm$ 0.5% using crystal checkpoints. Output: 0.1mv to 0.5v. Internal modulation: 400 to 1000cps.(ER)	AF: Ltd-Std BS: Ltd-Std BWA: D BWO: Pref	1/58 1/62 7/63
AN/USM-44A	Signal Generator	Same functional description as AN/USM-44. Crystal check points spaced by 1 or 5Mc.	AF: Std BS: Std BWA: Pref BWO: Pref	1/58 1/62 3/61 7/63
AN/USM-45()	Frequency Calibrator	For use as secondary frequency standard, supplies CW signals every 50/100 and 200Mc over 50 to 11,000Mc range. Accuracy: 0.005%.	AMC: Std-A	8/55
AN/USM-45	Frequency Calibrator	For use as secondary frequency standard, supplies CW signals every 50/100 and 200Mc over 50 to 11,000Mc range. Accuracy 0.005%.(ER)	BWA: Pref	9/58
AN/USM-46()	Magnetic Oscillograph Set	Dc to 100cps frequency response, deflection 1mm/50mv.	AMC: Std-A	4/55



NOMENCLATURE	ITEM NAME	TECHNICAL SPECIFICATIONS & FUNCTION	STATUS	DATE
AN/USM-47()	Signal Generator	10,000 to 15,500Mc, 10mw to 1 $\mu$ w, output: 40cps to 4000cps int pulse modulation.	AMC: Std-A	1/59
AN/USM-47(XN-1)	Signal Generator	Experimental Naval Model AN/USM-47.(ER)	BS: Obs-nt	1/62
AN/USM-47	Signal Generator	10,000 to 15,500Mc, 10mw to 1 $\mu$ w, output: 40cps to 4000cps int pulse modulation.	AF: Std BS: Std BWA: D	2/62 1/62
AN/USM-48	Signal Generator	15 to 21kMc $\pm$ 1%. Otherwise description same as AN/USM-47&().	AF: Std BWA: D	1/62
AN/USM-50()	Oscilloscope	3", 10cps to 10Mc frequency range, sweep: 10cps to 300kc.	AMC: Std-A	7/57
AN/USM-50	Oscilloscope	3", 10cps to 10Mc frequency range, sweep: 10cps to 300kc.	AF: Ltd-Std BS: STD-A	10/57 12/62
AN/USM-50A	Oscilloscope	3", 5cps to 15Mc frequency range, sweep: 10cps to 300kc.	AF: Ltd-Std	10/57
AN/USM-50B	Oscilloscope	Same description as AN/USM-50A but sensitivity on Y-axis is 13rms mv/inch.	AF: Ltd-Std	5/60
AN/USM-50C	Oscilloscope	Same description as AN/USM-50A but sensitivity: 25rms mv/inch w/probe on Y-axis and 3 p-p v/inch on X-axis.	AF: Std	5/60
AN/USM-55(XN-1)	Computer Test Set	Experimental Naval Model for AN/USM-55.	BS: Ltd-Std	1/62
AN/USM-55(XN-2)	Computer Test Set	Experimental Naval Model for AN/USM-55.	BS: Ltd-Std	1/62
AN/USM-55	Computer Test Set	Calibrates input potentiometers, synchros, choppers and relays.	BS: Std	1/62
AN/USM-58	Radio Test Set	Checks portion of goniometer phase shifters used in mentioned equipment.	AF: Ltd-Std	10/57
AN/USM-58A	Radio Test Set	Same description as AN/USM-58&().	AF: Std	10/57
AN/USM-63	Battery Test Set	Hand held for storage batteries 1.0 to 1.7v and and 25.2 to 34.lv ranges, on suppressed zero scale.	AMC: Std-A	11/58
AN/USM-65()	Signal Generator Test Set	50 to 10,000cps in 3 steps, for AM measurement, 15kc to 1000Mc carrier frequency measurement.	AMC: Dev	7/58
AN/USM-68()	Radio Frequency Power Test Set	500 to 11,000Mc input; 100 $\mu$ w to 5w CW RF input power range, pulse modulated.	AMC: Canc	2/62
AN/USM-68	Radio Frequency Power Test Set	500 to 11,000Mc input: 100 $\mu$ w to 5w CW RF input power range, pulse modulated.	AF: Std	10/59
AN/USM-74	Computer Test Set	Used for maintenance and simulated operational testing of computer sets and radar sets. Provides "go-no-go" indication of system responses.	AF: Std	9/59
AN/USM-81()	Oscilloscope	Power requirements are 110vac or 234vac 50 to 60c, single phase.	AMC: Std-A	6/58
AN/USM-81	Oscilloscope	Power requirements are 110vac or 234vac 50 to 60c, single phase.	BS: Ltd-Std	1/62
AN/USM-83	Wattmeter	0 to 100w $\pm$ 3.3% (fs) 2.6 to 26.5kMc range. Measures in nomographic form the temperature rise of the calorimetric fluid and converts it to watts of average power dissipated in the calorimetric terminations.	AMC: Std-A	1/59
AN/USM-89()	Oscilloscope	Frequency response: dc to 4Mc; 3" screen; sensitivity: 0.4v/inch.	AMC: Std-A	8/60
AN/USM-89	Oscilloscope	3" screen. Sweep: 0.1 $\mu$ sec/div to 0.6 sec/div in 18 calibrated sweep rates.	AMC: Std-A	8/60

NOMENCLATURE	ITEM NAME	TECHNICAL SPECIFICATIONS & FUNCTION	STATUS	DATE
AN/USM-90	Electrical Circuit Test Set	Checks the continuity ac and dc voltages of four electrical circuits in the missile and launcher with interest to stray voltages.	AMC: Std-A	11/58
AN/USM-96()	Radio Frequency Power Test Set	Broadband RF power meter, directly measures CW or pulse power. Frequency range: 1000 to 10,000Mc. Range: 100 $\mu$ w to 5w. Input Z: 50 $\Omega$ .	AMC: Std-A	2/62
AN/USM-97	Computer Test Set	Classified.	BS: Std	1/62
AN/USM-98()	Electronic Voltmeter	Potentiometer type instrument for making dc voltage measurements without loading error in radar sets. Also for general purpose use.	AMC: Std-A	10/60
AN/USM-98	Electronic Voltmeter	0 to 500vdc in 4 ranges. Accuracy: 0.05% above 0.1v and 0.1% or 50 $\mu$ v below 0.1v. Potentiometer type. Used as portable reference standard. Includes ME-161/U.	BWO: Sup	7/23
AN/USM-99	Electrical Power Test Set	Used for preflight test and/or adjustment of primary power sources in Naval aircraft. Reads frequency (380 to 420cps) voltage (0 to 35/150/300vac, and 0 to 35vdc, and sequence).	BS: Pref	3/61
AN/USM-103	Frequency Meter	Classified.	BS: Std	1/62
AN/USM-105(V)	Oscilloscope	Frequency range: dc to 10Mc, 5" screen. Operating power requirements: 110vac or 230vac, 50 to 400c, single phase.	BS: Ltd-Std	12/62
AN/USM-105	Oscilloscope	5" screen. Sweep: 0.02 $\mu$ sec/cm to 12.5sec/cm. Frequency response: dc to 1Mc on X-axis, dc to 15Mc on Y-axis, 1000cps to 2Mc on Z-axis. Sensitivity: 20 p-p mv/cm on Y-axis, 0.1 p-p v/cm on X-axis. Input Z: 1M $\Omega$ on X and Y-axis, 2.2M $\Omega$ on Z axis. Triggered sweep is calibrated and 100X sweep expansion is provided. Includes dual trace pre-amp, sweep calibrated to $\pm$ 3% at 24 positions, and variable sweep delay.(ER)	BS: Ltd-Std BWO: Pref	1/62 7/63
AN/USM-105A	Oscilloscope	Same description as AN/USM-105. Also includes MX-3078/USM-105A (auxilliary X-axis plug-in unit). (ER)	BS: Std BWA: Pref BWO: Pref	1/62 3/61 7/63
AN/USM-106	Electronic Voltmeter	Ac ranges from 0.001v to 1000v in 6 decade ranges. Accuracy is 3% from 15 cycles to 3Mc and 5% from 3Mc to 6Mc.	BS: Alt-Std	1/62
AN/USM-108	Electric Marker Generator	Source of time marker signals, sine waves, and trigger impulses. Provides a calibrating source for oscilloscope sweeps, oscillators, and counters. 14 fixed markers from 1 $\mu$ sec to 5sec in 14 discrete steps. Produces 5/10 and 50Mc sine waves.	BS: Std BWO: Pref	1/62 7/63
AN/USM-113	Radiac Tube Test Set	Specially designed for testing Geiger-Mueller pulse oscillator and high voltage regulator tubes. Will be used as a replacement for AN/USM-23. Dynamic test for gamma response, plateau slope, pulse height, starting voltage and prf.	BS: Std	1/62
AN/USM-114	Standing Wave Indicator	1000Mc to 12,400Mc, VSWR range: 1.02 to 20, transistorized.(ER)	BS: Std	1/62
AN/USM-115	Range Calibrator Set	100 to 799,900 yards $\pm$ 0.01% $\pm$ 5 yards. For pulsed radar having 50 to 5000pps at 0.1 to 12.0 $\mu$ sec pulse-width (as per MIL-I-17209). Portable, provides self-test.(ER)	BS: Std BWO: Pref	1/62 7/63
AN/USM-116	Electronic Multitester	0 to 1000vdc in 7 ranges, 0 to 300vac in 6 ranges, 0 to 1a(dc) in 7 ranges, 10 $\Omega$ to 10M $\Omega$ cs in 7 ranges. Accuracy: $\pm$ 2% exception resistance ( $\pm$ 3%), valid to altitude of 50,000 ft. Response: 20cps to 700Mc $\pm$ 1db.	BS: Std BWO: Pref	1/62 7/63
AN/USM-117	Oscilloscope	2.75" to 3.25" screen. Sweep: 0.1 $\mu$ sec/div to 0.1sec/div, triggered, 5x expandable. Response: dc to 5Mc on Y-axis, dc to 500kc on X-axis. Sensitivity: 0.01 p-p v/div on Y-axis (ac coupled), 0.5 p-p v/div on X-axis. Pre-amp is plug-in type dual trace. Sweep calibrated.(ER)	BS: Std BWO: Pref	1/62 7/63

NOMENCLATURE	ITEM NAME	TECHNICAL SPECIFICATIONS & FUNCTION	STATUS	DATE
AN/USM-118	Electron Tube Test Set	Tests dynamic mutual conductance; leakage scale (good-replace), quality scale (replace-good), gas scale (good-replace). Semi-automatic (card actuated) self calibrating.	BS: Alt-Std	12/62
AN/USM-118A	Electron Tube Test Set	Same as AN/USM-118.(ER)	AF: Std BS: Std	8/62 12/62
AN/USM-119	Test Adapter Set	Adapters to permit access to pins of tube from above its socket while tube is working. Replaces MX-2287()/U.	BS: Std BWO: Pref AMC: Std-A	1/62 7/63 3/60
AN/USM-120	Oscilloscope	5" screen, dc-240kc on X-axis, dc to 24Mc on Y-axis.	BS: Ltd-Std	9/26
AN/USM-123	Volt-Ohm Ammeter	Scale sequence: 1.6 to 8 to 40. Ranges: 0 to 1600vdc in 6 ranges (to 4000vdc w/probe) at 100k $\Omega$ /v, 0 to 800vac at 5k $\Omega$ /v, 0 to 16adc in 6 ranges, 0 to 200M $\Omega$ full scale in 6 decaded ranges. Meter movement: 10 $\mu$ adc.	BS: Std BWO: Pref	12/63 7/63
AN/USM-132	Electrical Cable Test Set	Resistance continuity tests detects resistances from 0 to 25 $\Omega$ to $\pm$ 0.1 $\Omega$ . Insulation tests 0 to 75M $\Omega$ $\pm$ 1M $\Omega$ .	BS: Alt-Std	12/62
AN/USM-134	Servo Amplifier Test Set	Provides complete check-out and trouble shooting facilities for a drawer containing two servo amplifiers and power supply. Used with type 2 periscope servodrline systems.	BS: Alt-Std	12/62
AN/USM-139	Oscilloscope	5" screen. Sweep: 0.1 $\mu$ sec/cm to 5sec/cm $\pm$ 3% expandable 100 times (7 steps) permitting 0.02 $\mu$ sec/cm as fastest sweep. Response: dc to 15Mc on Y-axis, dc to 1Mc on X-axis. Sensitivity: 0.02rmsv/cm $\pm$ 5% on Y-axis, 0.1rmsv/cm on X-axis. Input Z: 1M $\Omega$ shunted by 30 $\mu$ mf on X and Y-axis. Dual trace plug-in pre-amp. Other available plug-ins permit delayed sweep etc. Sweep is triggered or recurrent. Includes MX-2930A/USM-105, and MX-3078/U. A rack mounted AN/USM-105.	BS: Std	7/63
AN/USM-140A	Oscilloscope	(ER)	BS: Std BWO: Pref	9/26 7/63
AN/USM-141	Oscilloscope	Rack mounted AN/USM-140.	BS: Std	7/63
AN/USM-143	Electronic Voltmeter	0.001 to 300vac in 12 ranges -72 to +52db in 12 ranges. Accuracy: $\pm$ 1% for 50cps to 500kc; $\pm$ 2% for 20cps to 1Mc; $\pm$ 3% for 20cps to 2Mc; $\pm$ 5% for 10cps to 4Mc.	BS: Std BWO: Pref	1/62 7/63
AN/USM-144	Frequency Comparator Set	Precisely measures CW, FM and PM types of RF signal. Frequencies from 10 to 12.4Mc when used with suitable frequency meter or electronic counter. Measures to 2kMc w/o frequency counter when input frequency is known approximately. (ER)	BWA: Pref	7/62
AN/USM-159	Frequency Meter	Generates or measures frequencies in the range of 125kc to 1000Mc with an accuracy of 0.01%.	BWA: Pref AMC: Std-A	7/62 7/62
AN/USM-172	Airborne Long Range Input Test Equipment	Consists of all the AGE equipment used to support and perform the test functions on the sets and components of the Airborne Long Range Input System AN/USQ-25, Includes AN/ASM-64,72,116; AN/APM-171-5; AN/AJM-10; AN/GSM-73.	AF: Std	12/62
AN/USM-177	Power Measuring Set	10 $\mu$ w to 10mw (-20 to +10dbm), seven ranges; 10Mc to 12.4Gc. Power accuracy: $\pm$ 3% (20 to 35 $^{\circ}$ C), $\pm$ 5% (0 to 52 $^{\circ}$ C); when zeroed at most sensitive range accuracy less than 2%. Senses RF power through use of thermistor mounts.	BS: Std	11/63
AN/USM-185	Electrical Cable Test Set		AF: Tent-Std	10/63
AN/UVM-1	Recorder Test Set		AF: Obs	5/60



NOMENCLATURE	ITEM NAME	TECHNICAL SPECIFICATIONS & FUNCTION	STATUS	DATE
AN/WQM-3	Sonar Test Set	Provides known source of acoustic energy in frequency range of 160cps to 160kc. Receives over the same range to check transmitter circuits. Power req: 110vac, 60cps, 500w.	BS: Alt-Std	11/63
AN/WQM-4	Sonar Test Set	Supplies source of acoustic energy for checking sonar systems.	BS: Std	11/63
AN/3567/USM	Vertical Channel High Gain Differential Pre-amplifier Oscilloscope Subassembly	Dc to 300kc at 1mv/cm $\pm 3\%$ , dc to 2Mc at 50mv/cm $\pm 3\%$ or lower sensitivities. Dual inputs to be used either separately or differentially. Plug-in. Input Z: 1M $\Omega$ /47 $\mu$ mf. Isolations is 80db between channels. U/W AN/USM-105A, 139, 140A and 141.	BS: Std	4/63
AN/3568/USM	High Gain Wide Band Pre-amplifier Oscilloscope Sub-assembly	Plug-in for the AN/USM-105A, 139, 140A and 141. Input Z: 20M $\Omega$ shunted by 20 $\mu$ mf. 3db response: dc to 15Mc with the 105A or 139 and dc to 30Mc with the 140A or 141. Sensitivity: 0.05v/cm to 50v/cm.	BS: Std	4/63
BC-183()	Oscillator		AMC: Obs	6/58
BC-221-()	Frequency Meter		AMC: Obs	4/60
BC-376()	Signal Generator		AMC: Std-A	6/60
BC-376-L	Test Oscillator		AF: Ltd-Std	10/62
BC-376-M	Test Oscillator		AF: Std	10/62
BC-1016	Recorder		AMC: Std-C	9/51
BC-1052-()	Analyzer		AMC: Std-C	7/46
BC-1060-()	Oscilloscope		AMC: Std-C	8/53
BC-1096()	Oscillator		AMC: Std-C	2/60
BC-1323	Recorder Group		AMC: Std-A	9/59
BC-1337	Sound Recorder		AMC: Std-A	9/59
BC-1374-()	Oscillator		AMC: Obs	4/57
BX-906D/E	Field Strength Meter		BWA: Obs	8/61
CB-8/SPG-49	Capacitor Divider		BWO: Pref	7/63
CG-88/U	Termination Section	Consists of a length of RF line RG-52/U with a 4" built in resistor strip and terminated to absorb RF energy and prevent radiation. Part of TS-12/AP(Unit) 2.	BWA: Obs	8/61
CG-97/AP	Absorber Unit	RF dummy load for "S" band use. Includes RF line with suitable cooling fins, loaded with sand and aquadag.	BWA: Obs	8/61
CM-162/FPS-7	Signal Comparator		AF: Std	6/63
CM-193/GSC-7	Comparator-Monitor		AF: Std	12/62
CM-236/FSA	Signal Comparator	60cps frequency. Compares unknown voltage with reference and provides indication when reference exceeds unknown. Input divided down to get 0 to 10v to be compared. Error signal is amplified and detected giving output pulses.	AF: Std	11/63



NOMENCLATURE	ITEM NAME	TECHNICAL SPECIFICATIONS & FUNCTION	STATUS	DATE
CM-237/FSA	Voltage Comparator	Used in conjunction w/v divider and reference power supplies, to sense and signal power supply under voltage.	AF: Std	11/63
CM-238/FSA	Signal Comparator	Used in automatic monitoring sub-system of EMEWS to determine when a monitored dc voltage has crossed a pre-determined threshold voltage.	AF: Std	11/63
CM-244/FSA	Signal Comparator	Frequency range: 0 to 333kc. Consists of 2 multiple input and 3 single input pulse threshold circuits whose signals are compared to a reference voltage and an output produced only when the input exceeds the reference.	AF: Std	11/63
CM-450/FPS-16	Dummy Load Attenuator		AMC: Std-B	4/61
CN-7()/URA-T1	Attenuator		AMC: Std-A	5/44
CN-16/U	Transformer	Variac; input: 115v 60cps; output: 0 to 135v, 7.5a max. P/O Control Box BC-732-C.	BS: Ltd-Std AMC: Std-A	1/62 10/44
CN-16A/U	Transformer	Variac; input: 115v 60cps; output: 0 to 135v calibrated, 7.5a max. Differs from CN-16A/U in that the GR type V-5MT Variac replaces the 200-CM which is no longer manufactured.	BS: Std BWO: Pref	1/62 7/63
CN-25()/UPA-1	Attenuator		AMC: Std-A	9/60
CN-30/U	Pad Attenuator		BS: Alt-Std	1/62
CN-30A/U	Fixed Attenuator	10db±0.1db fixed attenuation; transmission line type; BSWR: 1.15 max; 50Ω input and output Z; frequency response: 1 to 1.5kMc; 2w average, 1000w peak. Electrically and mechanically interchangeable with CN-30/U except for higher power and greater stability.	BS: Std	1/62
CN-39/U	Attenuator	Normal attenuation of 20db; Class B, loss: ±1/2db; standing wave ratio: ±2db. Consists of a coaxial structure with an "N" type plug at one end and a jack at the other.	BS: Alt-Std	12/62
CN-39A/U			BS: Std	12/62
CN-42/UP	Attenuator		AMC: Std-A	3/51
CN-43/UP	Attenuator		AMC: Std-A	3/51
CN-45/UP	Attenuator	Used to decrease the voltage pulse applied to high powered "S" band magnetrons so as to permit seasoning of the magnetron. Contains resistance: 10Ω.	BS: Std BWA: Pref BWO: Pref	9/62 7/62 7/63
CN-87/U	Attenuator	Fixed 20db attenuation within 4 to 10kMc; compensated for use with 50Ω lines; 1w max, power rating.	BS: Alt-Std	1/62
CN-87A/U	Fixed Attenuator	Transmission line type: 50Ω Z; average power: 0.1w; frequency response 2.4kMc to 10kMc; 20±1.5db; BSWR: 1.4 interchangeable with CN-87/U except electrically and mechanically improved.	BS: Std	1/62
CN-220/U	Variable Attenuator	Frequency range: 2.6 to 3.5kMc. Attenuation range: 0 to 40db, accuracy: ±0.2db, reading indicated on a dial gauge. Mounts with flange type UG-149/U.	AMC: Std-A	10/55
CN-258()/G	Variable Attenuator	Dc to 10kc, 0 to infinity in steps. Steps 2 to 18: 2db/step. Steps 19 to 21: tapers to infinity. Resistive type. P/O Nike I Guided Missile Battery.	AMC: Std-A	1/55
CN-318()/G	Variable Attenuator	Frequency range: 100 to 4000Mc. Attenuation range: 0 to 120db. Accuracy: ±0.2db.	AMC: Std-A	5/57
CN-407()/G	Attenuator	100cps to 1Mc. 0 to 111.1db ±0.05db to 100cps to 600kc. ±0.07db to 600kc to 1Mc. Balanced H. Input and output Z: 600Ω. Resistive type. 1w rating.	AMC: Dev	7/58
CN-408()/G	Attenuator	100cps to 1Mc. 0 to 111.1db ±0.05 to 100cps to 600kc. ±0.07db to 600kc to 1Mc. Balanced H. Input and output Z: 135Ω. Resistive type. 1w rating.	AMC: Dev	7/58

NOMENCLATURE	ITEM NAME	TECHNICAL SPECIFICATIONS & FUNCTION	STATUS	DATE
CN-491()/G	Variable Attenuator	Frequency range: 12.4 to 18kMc. Attenuation range: 0 to 50db, accuracy: ±0.1db. Mounts with flange type UG-149/U.	AMC: Std-A	1/59
CN-492()/G	Variable Attenuator	Frequency range: 12.4 to 19kMc. Attenuation range: 0 to 20db, accuracy: ±2db. Mounts with flange type UG-149/U.	AMC: Std-A	1/59
CN-533()/U	Variable Attenuator	Attenuation range: 0 to 40db; accuracy: ±0.3%. Mounts with flange type UG-51/U.	AMC: Std-A	3/61
CN-713()/U	Variable Attenuator	8.2 to 12.4kMc, 0 to 20db; ±1db from 0 to 10db and ±2db from 10 to 20db. 0.5w rating. VSWR: 1.15 or less.	AMC: Std-A	4/61
CN-795()/U	Variable Attenuator	Waveguide type. Frequency response: 8.2 to 12.4kMc. Attenuation range: 45db.	AMC: Std-A	10/62
CN-802()/U	Variable Attenuator	Waveguide type. 100db attenuation continuously variable. Frequency range: 8.2 to 10kMc.	AMC: Std-A	10/62
CP-95/PD	Radiac Computer-Indicator	Computes and indicates total radiation dose absorbed by DT-60()/PD; 0 to 200/600r.	AF: Std	8/54
CP-559/AYQ-1	Detector Computer	Determines the presence and number of targets by summing up the number of radar returns.	AF: Std	12/62
CU-107/U	Matching Network		BWA: Obs	8/61
CU-1002/ASQ-68	Directional Coupler-Thermal Noise Generator	Generates random excess noise and couples it into receiver of AN/APS-103. Samples and detects transmitted and reflected RF power.	AF: Std	12/62
CU-1003/ASQ-68	Directional Coupler-Thermal Noise Generator	Generates random excess noise and couples it into receiver of AN/APS-103.	AF: Std	12/62
CV-587/GX	Signal Data Converter		AF: Ltd-Std	11/62
CV-588/GX	Signal Data Converter		AF: Ltd-Std	11/62
CV-749			BS: Alt-Std	12/62
CV-960/AYQ-1	Digital to Digital Converter	Converts digital data into digital pulse train suitable for transmission over standard communication links.	AF: Std	12/62
CV-963/GSQ-11A (V)	Tape Converter-Reader		AF: Std	2/63
CV-964/GSQ-11A (V)	Tape Converter-Reader		AF: Std	2/63
CV-1028/USM-45			BWA: Pref	7/62
GY-3701/APM-182	Radar Test Set Shipping and Storage Container	Provides facilities for mounting components for transport and storage.	AF: Tent-Std	12/63
GY-3887/UPM-92	Test Set Case	Houses and provides mounting for TS-1762/UPM-92 installations when standard mounting is not provided.	AF: Tent-Std	12/63
DA-2/U	Electric Dummy Load	5650 to 7050Mc, 1w average power 1kw peak power. U/W various radar sets.	BWA: Obs	8/61
DA-3/U	Electric Dummy Load	7050Mc to 10,000Mc, 1w average power, 1kw peak power. U/W various radar sets.	BWA: Obs	8/61
DA-4/U	Electric Dummy Load	4000Mc to 5650Mc, 1w average power, 1kw peak power. U/W various radar sets.	BWA: Obs	8/61
DA-6/U	Electric Dummy Load	Choke termination is section of X-band waveguide, 300kw peak power, VSWR: 1.10.	BWA: Obs	8/61

NOMENCLATURE	ITEM NAME	TECHNICAL SPECIFICATIONS & FUNCTION	STATUS	DATE
DA-6/U	Electric Dummy Load	Choke termination is section of X-band waveguide, 300kw peak power, VSWR: 1.10.	BWA: Obs	8/61
DA-11/U	Electric Dummy Load	4000 to 5650Mc, 1w average power, 1kw peak power. U/W various radar sets.	BWA: Obs	8/61
DA-15/U	Dummy Load	8.2Gc to 12.4Gc, 1w average; 1kw peak. Termination for low power transmission line. U/W various radar sets.	AF: Alt-Std BWA: Obs	12/52 8/61
DA-18()/U	Dummy Load	2600 to 3950Mc, 1.5Mw peak power at 1μsec pulse, 600w average power, 50Ω input impedance. U/W various radar sets.	AMC: Std-A	12/53
DA-18/U	Electric Dummy Load	2600 to 3950Mc, 1.5Mw peak power at 1μsec pulse, 600w average power, 50Ω input impedance. U/W various radar sets.	AF: Ltd-Std BWA: Obs	10/56 8/61
DA-19/U	Dummy Load	3950 to 5850Mc, 1.2Mw peak, 350w nom., 50Ω Z.	AF: Ltd-Std BWA: Obs	3/55 8/61
DA-20/URM-68	Dummy Load	5850 to 8200Mc, 300w average power, 350kw peak power, 50Ω. Formerly DA-20/U. U/W various radar sets.	AF: Ltd-Std BWA: Obs	10/56 8/61
DA-21/U	Dummy Load	7050 to 10,000Mc, 280w average power, 460w peak power; 50Ω Z. U/W various radar sets.	AF: Ltd-Std BWA: Sup	10/56 10/62
DA-22/U	Dummy Load	8200 to 12,400Mc, 175w average power, 180kw peak power; 50Ω nominal impedance.	AF: Ltd-Std BWA: Obs	10/58 8/61
DA-23/U	Dummy Load	8200 to 12,400Mc, 100w nominal, 100kw peak power; 50Ω Z. U/W various radar sets.	AF: Ltd-Std	4/55
DA-25/U	Dummy Load	26,500 to 39,000Mc, 18w nominal, 0.020Mw peak power. U/W various radar sets.	AF: Obs	3/55
DA-27A/U	Electric Dummy Load		BS: Obs	4/63
DA-31/U	Dummy Load	1.15Gc to 1.75Gc, 12 to 20kw average, 10Mw peak. To terminate RF transmission lines. U/W various radar sets.	AF: Alt-Std	10/50
DA-32/U	Dummy Load	90 to 1000Mc, 50Ω, 1500w.	AF: Std	1/56
DA-43A/U	Wattmeter Dummy Load		BWA: Pref	3/61
DA-51/U	Electric Dummy Load	2600 to 3950Mc, 1kw peak, 1w nominal, 50Ω.	AF: Tent-Std BWA: Obs	6/57 8/61
DA-53/U	Electric Dummy Load	1150 to 1750Mc, 10Mw with 0.1μsec pulse, 3000w average; RG-69/U input impedance. U/W various radar sets.	BWA: Obs	8/61
DA-54/U	Electric Dummy Load	1150 to 1750Mc, 10Mw with 0.1μsec pulse, 1000w average. U/W various radar sets.	BWA: Obs	8/61
DA-64()/UP	Electric Dummy Load	Range: 3Mc, 1400w maximum, 1200w nominal, 50Ω.	AMC: Std-A	12/53
DA-64/UP	Electric Dummy Load	Range: 3Mc, 1400w maximum, 1200w nominal, 50Ω.	AF: Ltd-Std	7/56
DA-64B/UP	Electric Dummy Load	Range: 3Mc, 10,000v peak, 1200w nominal, 50Ω; interchangeable with DA-64/UP except for maintenance parts.	AF: Std BWA: Pref	7/56 7/62
DA-67/U	Electric Dummy Load	800Ω non-inductive, 300w average, 300kw peak. Terminated with special connector on end of pig-tail type cable. Used in place of 4J50 Magnetron.	BWA: Pref	3/61
DA-68/U	Electric Dummy Load	50Ω non-inductive, 600w average, 600kw peak. Used for radar modulator high voltage pulse.	BWA: Pref	3/61
DA-74/UP	Electric Dummy Load	5400 to 5900Mc, 300kw peak, 450w average, dry RF load. U/W radar systems.	BS: Std BWA: Obs BWO: Pref	4/63 8/61 7/63
DA-76/U	Electric Dummy Load	1120 to 1700Mc, 1kw peak, 1w average.	BWA: Obs	8/61



NOMENCLATURE	ITEM NAME	TECHNICAL SPECIFICATIONS & FUNCTION	STATUS	DATE
DA-79/U	Electric Dummy Load	50 $\Omega$ , dummy antenna.	BWA: D	
DA-86/U	Electric Dummy Load	1250 to 1350Mc, 2Mw peak, 2kw average, 300 $\Omega$ Z.	BWA: Obs	8/61
DA-88/U	Electric Dummy Load	30 to 500Mc, 500w peak, 300w nominal, 51.5 $\Omega$ $\pm$ 10% Z.	BS: Alt-Std	1/62
DA-88A/U	Electric Dummy Load	Resistive; 15kw peak power, 500w nominal; frequency range: 0 to 3300Mc; 50 $\Omega$ Z. One way interchangeable with DA-88/U.	BS: Alt-Std	1/62
DA-89/U	Electric Dummy Load	10,000v peak, 0 to 2.4kw average power, on square waves to 1 $\mu$ sec pulse, 25 $\Omega$ , acts as 100 to 1 voltage divider.	AF: Tent-Std	5/54
DA-90/U	Electric Dummy Load	0 to 2Mc, 13,500w peak, 4.3kw nominal, 50 $\Omega$ input acts as 200 to 1 voltage divider.	AF: Std	4/57
DA-91/U	Electric Dummy Load	0 to 3000Mc, 600w nominal, 50 $\Omega$ input Z. 15kw peak.	BS: Alt-Std	8/61
DA-91A/U	Electric Dummy Load		BS: Std	12/62
DA-94/FRC-33A	Electric Dummy Load	6000 to 7000Mc, 2w power dissipation, waveguide absorption type cancelled. 10/25/54.	BWA: Obs	8/61
DA-96/U	Electric Dummy Load	2700 to 2900Mc, 2.2Mw peak, 2kw nominal inductive.	BWA: Obs	8/61
DA-97/U	Electric Dummy Load	8500 to 9600Mc, 250kw peak, 300w nominal.	BWA: Obs	8/61
DA-98()/U	Electric Dummy Load	12.4 to 18.0Gc, 250w average, 120kw peak. Dissipates RF power as heat with minimum of radiation.	AMC: Dev	9/56
DA-103/U	Electric Dummy Load	8200 to 12,400Mc, 250kw peak, 40w nominal, same as DA-22/U except aluminum flange.	BWA: Obs	8/61
DA-104/U	Electric Dummy Load	0 to 2Mc, 2Mw peak, 1500w nominal, 22 $\Omega$ Z.	AF: Tent-Std	5/54
DA-107/URM -84	Electric Dummy Load	7500 to 11,000Mc, 750w, 0.5Mw at peak, VSWR: less than 1.2 to 1.	BWA: Obs	8/61
DA-112/U	Electric Dummy Load	2600 to 4000Gc resistive 2kw average. 3.5 Mw peak, 1 dummy antenna load.	AF: Std BWA: Obs	8/55 8/61
DA-115/U	Electric Dummy Load	7050 to 10,000Mc, 800kw peak, 750w nominal. VSWR: 1.10 maximum.	BWA: Obs	8/61
DA-117/U	Electric Dummy Load	7050 to 10,000Mc, 750w nominal, 800kw peak, VSWR: 1.10 maximum.	BWA: Obs	8/61
DA-120/U	Electric Dummy Load	2600 to 3950Mc, 1270kw peak minimum for 1.3 $\mu$ sec, 2150w nominal. VSWR: 1.8 to 1.10.	BWA: Obs	8/61
DA-127/MPS-16	Electric Dummy Load	2.4kw average; 25 $\Omega$ Z; dissipates power of modulator of AN/MPS-16&() Radar.	AF: Std	9/59
DA-128/U	Electric Dummy Load		AF: Obs BWA: Obs	7/57 8/61
DA-144/U	Dummy Load	5.851 to 8.2Gc, 1kw average, 710kw peak, dummy antenna.	AF: Std BWA: Pref	10/56 7/62
DA-145/U	Electric Dummy Load	2.6 to 3.950Gc, 2.5kw average, 3.200kw peak, dummy antenna.	AF: Std BWA: Pref	10/56 3/61
DA-146/U	Electric Dummy Load	8.200 to 12,400Gc, 750w average, 290kw peak, dummy antenna.	AF: Std BWA: Pref	10/56 3/61
DA-147()/U	Electric Dummy Load	1120 to 1700Mc, 17,2000kw peak, 4000w nominal, w/fins, VSWR: 1.10 maximum.	AMC: Std-A	1/59
DA-147/U	Electric Dummy Load	1120-1700Mc, 17,2000kw peak, 4000w nominal, w/fins, VSWR: 1.10 maximum.	AF: Std BWA: Pref	10/56 7/62
DA-148/U	Dummy Load	7050 to 10,000Mc, 460kw peak, 850w nominal, w/fins, VSWR: 1.10 maximum.	AF: Std BS: Ltd-Std	10/56 12/62
DA-149/U	Electric Dummy Load	2950 to 5850Mc, 2000kw peak, 2000w nominal, w/fins, VSWR: 1.10 maximum.	AF: Std BWA: Pref	11/56 7/62



NOMENCLATURE	ITEM NAME	TECHNICAL SPECIFICATIONS & FUNCTION	STATUS	DATE
DA-150/SPQ-5A	Dummy Mixer	Dummy load and mixer to replace balanced mixer of radar under test.	BWO: Pref	7/63
DA-151/SPG-49	Electric Dummy Load	5400 to 5900Mc, 15.0mw peak, 22kw nominal; 11 $\Omega$ .	BWO: Pref	7/63
DA-152/SPG-49	Electric Dummy Load	5400 to 5900Mc, peak 6.4/180/180kw; nominal; 13/360/360kw; Z: 10k $\Omega$ , 50 $\Omega$ , 2500 $\Omega$ .	BWO: Pref	7/63
DA-153/SPG-49	Electric Dummy Load	5400 to 5900Mc, 15mw peak, 22kw nominal; 1500 $\Omega$ .	BWO: Pref	7/63
DA-158/U	Electric Dummy Load	26.5 to 40Gc, 75w average, 75kw peak dummy antenna.	AF: Std BWA: Pref	3/57 7/62
DA-159()/U	Electric Dummy Load	12.4 to 18Gc, 250w average, 160kw peak dummy antenna.	AMC: Std-A	1/59
DA-159/U	Electric Dummy Load	12.4 to 18kMc, 160kw peak w/or w/o fins, 250w nominal w/fins.	AF: Std BWA: Pref	3/57 7/60
DA-160/U	Electric Dummy Load	18 to 26.5Gc, 150w average, 125kw peak, dummy antenna.	AF: Std BWA: Pref	8/54 7/62
DA-173/GRM-10	Electric Dummy Load	1000w, 2 to 30Mc, 50 $\Omega$ Z.	AF: Std	7/63
DA-174/GRM-10	Electric Dummy Load	1000w, 2 to 3Mc, 52 $\Omega$ Z.	AF: Std	7/63
DA-175/GRM-10	Electric Dummy Load	1000w, 2 to 30Mc, 52 $\Omega$ Z.	AF: Std	7/63
DA-195()/U	Electric Dummy Load	10kw peak, 1200w nominal. 0 to 3000Mc, 50 $\Omega$ Z.	AMC: Std-A	6/61
DA-199()/U	Electric Dummy Load	500w from dc to 30Mc, 600 $\Omega$ dummy antenna.	AMC: Std-A	10/59
DA-200()/U	Electric Dummy Load	1750w, from dc to 30Mc, 600 $\Omega$ dummy antenna.	AMC: Std-A	10/59
DA-201()/U	Electric Dummy Load	From dc to 30Mc, 600 $\Omega$ , 5kw dummy antenna.	AMC: Std-A	10/59
DA-205/MPM-49	Electric Dummy Load	Used to check voltages of PP-1588/MPQ-4A. Operating frequency 400cps.	AMC: Std-A	7/60
DA-206()/MPM-49	Electric Dummy Load	Used to check voltages of C-2014/MPQ-4A. Operating frequency: 400cps.	AMC: Std-A	7/60
DA-212()/FRT-51	Electric Dummy Load		AMC: Std-B	6/61
DA-218/U	Electric Dummy Load	Power dissipation 500w; 2 to 3Mc; 50 $\Omega$ Z. Dissipates transmitter output in lieu of antenna.	BS: Ltd-Std	9/62
DA-219/APS-95	Electric Dummy Load		AF: Std	1/63
DA-242/U	Electric Dummy Load	Low reflection 50 $\Omega$ line termination dc to 1000Mc; up to 2.5kw. Serves as dummy antenna for transmitter tuning adjustments and trouble shooting with full power absorption under non radiating conditions.	BS: Std	9/62
DA-249/M	Electric Dummy Load	Tests inverters in guided missile equipment. 9.36kw peak 2.13kw nominal. 400 cycles 13 1/4 $\Omega$ , 26 1/2 $\Omega$ , 53 $\Omega$ .	AMC: Std-B	8/61
DA-253/P	Electric Dummy Load	For checking and performance testing the FGS power supply, electric test set. 0.39kw peak 0.1kw nominal, 400cps, 2.5k $\Omega$ / 10k $\Omega$ / 1050 $\Omega$ / 1M $\Omega$ / 1.08 $\Omega$ / 75k $\Omega$ / 12 $\Omega$ .	AMC: Std-B	8/61
DA-274/U	Electric Dummy Load	Antenna dummy load. Power dissipation: 15kw; 600w nominal; 50 $\Omega$ Z. Frequency range: 0 to 3kMc.	BS: Alt-Std	9/62
DA-279()/MS	Electric Dummy Load	Variable resistive load, 15.625 to 4000 $\Omega$ ; Dissipation: 1440w peak. Facilitates test of power supplies.	AMC: Std-A	8/62

NOMENCLATURE	ITEM NAME	TECHNICAL SPECIFICATIONS & FUNCTION	STATUS	DATE
DA-283/APM-172	Electric Dummy Load	Used to provide electrical characteristics of the magnetron to the transmitter under test. 449cps pulse, 4 to 6 $\mu$ sec.	AF: Std	12/62
DT-35()/PD	Radiac Detector	Pocket type integrating air ionization chamber for detection of gamma radiation range, 0 to 200mr.	AMC: Obs	4/56
DT-104()/U	Radio Frequency Bolometer	Used to measure low level micro-wave power. Frequency range: 2500Mc to 9600Mc.	AMC: Obs	8/62
DT-167/U	Radio Frequency Bolometer	A wollaston wire sensitive bolometer used for detecting RF energy up to 15mw. Frequency range: 300 to 12,400Mc.	AF: Tent-Std	5/58
FR-4()/U	Frequency Meter	100kc to 20Mc, $\pm$ .001% calibration. 7 switching positions. Internal crystal calibration provided.	AMC: Std-A	9/59
FR-4/U	Frequency Meter	100kc to 20Mc, $\pm$ .001%. 7 switching positions. Internal crystal calibration provided.	BS: Ltd-Std	9/52
FR-5()/U	Frequency Meter	10 to 100Mc $\pm$ 0.001%, calibration, 3 switching positions. Internal oven controlled crystal calibration.	AMC: Std-A	9/59
FR-6()/U	Frequency Meter	100 to 500Mc $\pm$ 0.001%, two switching positions. Internal oven crystal controlled calibration.	AMC: Std-A	9/59
FR-6/U	Frequency Meter	100Mc to 500Mc, 2 ranges, 5800 points on film, .001% accuracy, power req: 115 or 230vac.	AF: Std	4/54
FR-7/UP	Frequency Meter	5440 to 5835Mc. Consists of resonant cavity crystal rectifier and meter. Manually tuned.	BS: Alt-Std	1/62
FR-9/U	Frequency Meter	5.85 to 7.05kMc $\pm$ 0.03%, transmission type. Has linear frequency dials and hermitically sealed cavity.	AF: Alt-Std	8/49
FR-36/U	Frequency Meter	160kc to 30Mc $\pm$ 0.003% or $\pm$ 50cps. Uses low frequency crystal for calibration. Has heterodyne oscillator. (ER)	BS: Obs	4/63
FR-37()/U	Frequency Calibrator	Crystal controlled; output: 10kc and 50kc, harmonic to 20Mc.	AMC: Dev	12/48
FR-38/U	Frequency Meter	10cps to 100Mc $\pm$ 1 count, 4 calibrated outputs. Internal frequency standard used for calibration.	BS: Ltd-Std	1/62
FR-38D/U	Frequency Meter	8 decimal counters; accuracy: $\pm$ 1 count $\pm$ 0.0002%. Measures period, time intervals and total events. Same description as FR/38A.	BS: Ltd-Std	1/62
FR-40()/GSM-1	Frequency Meter	50 to 70cps, $\pm$ 0.3cps. In 0.2cps steps. Has mirrored scale. For checking nominal 60 cycle sources.	AMC: Std-C	6/61
FR-43()/URM-18	Frequency Meter	Heterodyne type, 100cps to 2Mc $\pm$ 0.1%, 9 switching positions.	AF: Std AMC: Std-A	6/53 12/49
FR-44()/URM-18	Frequency Meter	Heterodyne type, 1Mc to 10Mc. $\pm$ .1% 10 switching positions.	AMC: Std-A	12/44
FR-45()/URM-18	Frequency Meter	Heterodyne type, 10 to 100Mc $\pm$ 0.1% 10 switching positions.	AMC: Std-A	12/49
FR-46()/URM-18	Frequency Calibrator	100kc $\pm$ 0.5 part in 108 in 24 hours. Crystal compartment controlled to $\pm$ 0.01 $^{\circ}$ C. Uses Quartz bar.	AMC: Std-A	12/49
FR-47/U	Frequency Meter	15kc to 30Mc $\pm$ 0.0004% or $\pm$ 3cps. 8 decades. Provision for external 100kc precise source.	AF: Std	1/53
FR-61()/U	Frequency Meter	500 to 2000Mc $\pm$ 0.001%, 2 switching positions. Internal crystal calibration. Moisture and fungus proofed.	AMC: Dev	12/50
FR-65()/TSM-9	Frequency Meter	0.01cps to 10Mc. 3 switching positions. Count period may be selected through panel controls.	AMC: Dev	9/56
FR-67()/U	Frequency Meter	20 to 100,000cps gives visual input indication.	AMC: Std-C	5/58
FR-67/U	Frequency Meter	20cps to 100kc $\pm$ 1cps. Internal crystal controlled timing gate. Display is in digital form.	AF: Std BS: Ltd-Std BWO: Pref	4/54 11/63 7/63
FR-72/UP	Tuned Cavity	Range: 8.500 to 9.500Mc; manually tuned brass in measuring average power output of radar transmitter; determination of the frequency spectrum of the radar transmitter, and determination of overall performance.	BWA: Pref	3/61

NOMENCLATURE	ITEM NAME	TECHNICAL SPECIFICATIONS & FUNCTION	STATUS	DATE
FR-73/UP	Tuned Cavity	Frequency check and system check 1215 to 1370Mc, manually tuned. 10w average output.	AF: Std	3/53
FR-81/U	Wavemeter	2.2 to 400Mc. 7 plug-in coils. Galvanometer type. Used to measure resonant frequencies. P/O NIKE I Ord 6.	BWA: Obs	8/61
FR-83()/U	Frequency Calibrator	Dc to 500pps $\pm 0.05\%$ calibration. Electron coupled oscillator. No checking crystal.	AMC: Std-A	4/57
FR-83/U	Frequency Calibrator	Electron, coupled oscillator delivers 0/30/50/100/150/200/250/300/350/400/450/500pps.	AF: Std	8/56
FR-91()/U	Wavemeter	1.60 to 2.25kMc $\pm 0.05\%$ , 20°F to 120°F. Has a microammeter 0 to 50 $\mu$ a. Also a crystal rectifier.	AMC: Std-A	6/56
FR-94/U	Wavemeter	Classified.	BS: Std	1/62
FR-114/U	Frequency Meter	20cps to 1Mc, $\pm 0.001\%$ or +1 count, internal crystal calibration, counter type frequency meter.	BS: Obs	4/63
FR-125()/G	Tuned Cavity	Frequency measurement: 13.0 to 18.kMc, cavity tuned. Used for general search type frequency measurements.	AMC: Std-A	6/60
FR-126()/U	Wavemeter	8.12 to 12.40kMc $\pm 0.08\%$ . Tuned by a choke tuned by a choke plunger. Indicates by dip in power xmitter.	AMC: Std-A	6/60
FR-144/U	Tuned Cavity	Used to calibrate range of radar sets. Same as FR-133/SPS-5 except less motor.	BS: Std	9/62
FR-146()/U	Wavemeter	Direct reading coaxial frequency meter. Range: 1.00 to 4.00kMc. Accuracy: 0.1%.	AMC: Std-A	1/62
I-10	Voltmeter		AMC: Obs	4/46
I-13	Voltmeter		AMC: Obs	4/46
I-16	Speed Indicator		AMC: Obs	11/46
I-44	Ammeter		AMC: Obs	1/58
I-48	Ohmmeter Test Set		AMC: Obs	1/59
I-48-A	Test Set	Ohmmeter; 0 to 1000M $\Omega$ ; constant pressure type, built-in hand generator.	AMC: Std-C	10/53
I-48-B	Test Set	Ohmmeter; 0 to 1000M $\Omega$ ; built-in hand generator; 500v constant pressure type. To be procured in future as ZM-21()/U.	AMC: Std-C	10/53
I-49-()	Test Set	Wheatstone Bridge: 0.001 to 50,000 $\Omega$ using 4.5v battery, to 1.011M $\Omega$ w/use of external dc source (90 to 200v). 0 to 10,110 $\Omega$ available in 1 $\Omega$ steps for use as resistance box. Accuracy of ratio resistance: $\pm 0.05\%$ .	AMC: Std-A	10/42
I-49	Telephone Test Set		AF: Std BWA: Obs	4/51 8/61
I-50-()	Voltammeter	Multitester, portable, 0 to 3, 15 to 30a, 0 to 3, 15 to 150v(dc), 100 $\Omega$ /v sensitivity. Same as ME-87()/U.	AMC: Std-C	10/53
I-51	Test Set	Used for locating faults in short lengths of non-loaded telephone cable. Can locate grounds, shorts, crosses, split pairs and wet spots. Range: 800 to 1400 cycles. Similar to Western Electric Model 1020G.	AF: Obs AMC: Std-A	11/59 10/42
I-54	Ammeter		AMC: Obs	1/58
I-56-()	Test Set	Universal radio test set.	AMC: Obs	3/51
I-56	Test Set		AMC: Std-A	1/59
I-61	Transmission Test Set	Transmission measuring set for gains or losses in equipment or circuits. Loop tests, straightaway line tests, transmission measurements through switchboard, line, trunk or cord circuits etc. are made.	AMC: Std-A	1/59
I-61-A	Test Set	Transmission measuring set for gains or losses in equipment or circuits. Loop tests, straightaway line tests, transmission measurements through switchboard, line, trunk or cord circuits etc. are made.	AMC: Obs	1/59



NOMENCLATURE	ITEM NAME	TECHNICAL SPECIFICATIONS & FUNCTION	STATUS	DATE
I-61-B	Test Set	Transmission measuring set for gains or losses in equipment or circuits. Loop tests, straight-away line tests, transmission measurements through switchboard, line, trunk or cord circuits etc. are made.	AMC: Obs	1/59
I-63-A	Test Set	Modified from I-63 by addition of switch, binding posts and resistors; for testing 14 and 28v dynamotors. See I-83 for subsequent procurement.	AMC: Obs	1/59
I-67	Ohmmeter Test Set	A multimeter permitting measurements of high resistance values at low test potential. Also measures volts and milliamperes. Ranges: 0 to 10M $\Omega$ in 5 steps, 0 to 500vdc in 5 steps, and 0 to 100ma(dc) in 4 steps.	AMC: Obs	2/60
I-71-()	Ammeter	A dc millivoltmeter used as a remote indicator of RF current through antenna thermocouple of Radio Transmitter BC-338().	AMC: Obs	3/46
I-72-()	Signal Generator	Portable; used to align radio sets; range: 100kc to 32Mc with 4000cps modulation.	AMC: Obs	1/58
I-77-()	Test Set	Ac-dc volt-ohmmeter with leads.	AMC: Obs	4/57
I-81-()	Indicator		AMC: Obs	9/57
I-82-()	Indicator		AMC: Obs	9/57
I-83-()	Test Set	For measuring input and output characteristics of low wattage dynamotors. (28 and 14v). Replaces Test Set I-63-A.	AMC: Std-A	1/59
I-87-()	Test Meter	Used to adjust the receiver-transmitter to proper operating frequency. Consists of a 0 to 10ma tuning meter and a center zero $\mu$ a meter.	AMC: Obs	5/58
I-97-()	Bias Meter		AMC: Std-A	5/44
I-97-A	Bias Meter	Substitutes for I-97-().	AF: Std	12/51
I-100-A	Test Set	Checks loop orienting circuits of radio compass units. The indicator is graduated in degrees for checking calibration of the compass. Contains four milliammeters and a VTVM. Ranges: 0 to 500ma(dc); 0 to 250ma(ac); 0 to 500ma(ac); 0 to 750ma(ac); 0 to 250vdc, 0 to 250vac.	AF: Obs	1/62
I-100-B	Radio Test Set	Checks loop orienting circuits of radio compass units. The indicator is graduated in degrees for checking calibration of the compass. Contains 4 milliammeters and a VTVM. Ranges: 0 to 250ma(ac); 0 to 500ma(ac); 0 to 750ma(ac); 0 to 500ma(dc); 0 to 250vac; 0 to 250vdc.	BWA: Sup	10/62
I-104A	Test Unit	Receiver test unit.	BWA: Obs	8/61
I-107-()	Volt-ohmmeter	Battery operated; Range: 0 to 10M $\Omega$ in 5 steps, 0 to 300vdc in 5 steps; input resistance: 10M $\Omega$ constant. Uses, but does not include VT-239, BA-40 and 2 BA-30's.	AMC: Obs	10/56
I-108	Range Calibrator	For use in testing BC-436, 436A or 436B.	AMC: Obs	7/46
I-110-()	Azimuth Indicator	Consists of left-right indicating meter, and associated circuitry.	AMC: Obs	4/46
I-114	Test Set	Consists of receptacle, multi-contact switch, and a 0 to 150vac voltmeter.	AMC: Obs	2/46
I-115	Test Set	Dummy load for output of keying unit.	AMC: Obs	2/46
I-120	Test Set	Substitutes for I-120().	AMC: Std-C	12/48
I-122	Signal Generator	Substitutes for I-122-().	AF: Obs	8/54
I-126-()	Signal Generator	15 to 25Mc and 195 to 225Mc; internally modulated at 400 or 8200cps. Used instead of Ferris Microvolter 18-B.	AMC: Obs	2/46



NOMENCLATURE	ITEM NAME	TECHNICAL SPECIFICATIONS & FUNCTION	STATUS	DATE
I-126-B	Signal Generator	15 to 25Mc and 195 to 225Mc. Modulation: 400 or 8200cps, 30%. Output voltage: 1 $\mu$ v to 100mv. Output Z: 34 $\Omega$ .	AF: Obs	7/55
I-128	Test Set	Tone buzzer set.	AF: Obs	6/60
I-129-()	Frequency Meter Set	Range: 1.50Mc to 41.0Mc. Consists of 4 absorption type meters in single case: 1.5 to 3.5/ 3.5 to 8.0/ 8.0 to 18.50/ 18.0 to 41.0Mc.	AF: Obs AMC: Std-A	12/60 1/59
I-134-A	Cathode-Ray Oscilloscope	3" tube. Same description as RCA 155-C oscilloscope.	BWA: Obs	8/61
I-135-()	Test Unit	Includes multi-range meter, microphone, receiver, AF and RF oscillators, crystal compartment, jacks, switches, cable.	AMC: Std-C	4/57
I-138-()	Signal Generator		AMC: Obs	4/46
I-139-()	Test Set	A 0 to 1ma(dc) meter used in measuring current in 5 positions in BC-625, 2 positions in I-130(), and 1 position in BC-624.	AMC: Obs	6/59
I-139	Ammeter Test Set		AF: Obs	9/61
I-139-A	Ammeter	0 to 1ma(dc) 26 $\Omega$ internal, 49 $\Omega$ external resistance. Accuracy: $\pm$ 3%, -20°F to 122°F, 2 1/2" meter face.	AF: Obs	9/61
I-141-B	Oscillator	Oscillator, audio, supersonic and LF. 20 to 200,000cps in 4 bands. Cancelled 5/25/45 RbTS-382/U.	AF: Ltd-Std	1/49
I-142-()	Test Set	Used in measuring characteristics (electrical) of field telephones, hand, head, and chest sets, magnetic and carbon microphones, receivers, generators, ringers, condensers, and station dials.	AMC: Std	4/58
I-142	Telephone Test Set		AF: Ltd-Std	11/54
I-142-B	Test Set	Measures electrical characteristics of field phones, hand, head and chest sets, etc. Input Z: 10k $\Omega$ . Voltage range: .0002 to 3.8v. Capacitance range: 0.05 to 4 $\mu$ f. Measures resistance of 1M $\Omega$ or less.	AF: Ltd-Std	7/57
I-148-A	Standing Wave Indicator	Facilitates determining the SWR of RF transmission lines 100 to 120Mc; 0 to 250ma; $\pm$ 10%.	AF: Std	9/47
I-151-()	Oscillator	R-C type. Range: 20 to 20,000cps. Output Z: 15 to 15,000 $\Omega$ , Accuracy: 2% or 1cps.	AMC: Std-C	8/49
I-151	Oscillator	Signal generator oscillates at 20 to 20,000cps in 3 bands; 100mw power output; $\pm$ 2% accuracy.	AF: Obs	7/55
I-154-A	Indicator	Consists of two II Ordnance Repeaters w/dials and illumination, has 115 to 6v transformer, gear ratio of 1:1.	AMC: Obs	1/46
I-155-A	Test Unit		BWA: Obs	8/61
I-157-()	Test Set	Electro-dynamic tube tester.	AMC: Std-A	4/46
I-166-()	Volt Ohmmeter	Used by forward echelon outfit to measure audio frequency voltage, dc voltage and ac resistance. 0 to 400vac, 0 to 1000vdc, 0 to 1M $\Omega$ . Sensitivity: 1k $\Omega$ /v or better.	AMC: Obs	2/60
I-167-()	Analyzer	Analyzer, ac and dc voltage ranges 0 to 2.5/10/50/250/1000v; current dc, 0 to 1ma; resistance: 0 to 2M $\Omega$ .	AMC: Obs	2/45
I-173-A	Radio Test Set	An uncalibrated RF spark gap oscillator used to check localizer receivers. Superseded by SG-13/U.	AF: Obs BWA: Obs	9/59 8/61
I-176	Multitester Test Unit		BS: Obs-nt AMC: Std-C	1/62 1/49

NOMENCLATURE	ITEM NAME	TECHNICAL SPECIFICATIONS & FUNCTION	STATUS	DATE
I-176-B	Test Unit	Multimeter. Voltage: ac 0/5/25/100/250/1000, dc (1000 $\Omega$ /v) 0/5/25/100/250/1000, dc (20k $\Omega$ /v) 0/5/25/100/250/1000/5000. current: ac 0/.5/1/5/10a. 0 to 10M $\Omega$ in 3 steps. 2% accuracy.	BS: Obs-nt	1/62
I-177-()	Tube Tester	Transconductance type, range: 1.1 to 117v. Portable, will accommodate acorn tubes and miniature pilot lights.	AMC: Obs	2/60
I-177-A	Tube Tester	Same as I-177 except for maintenance items.	BWA: Obs	8/61
I-177-B	Tube Tester	Same as I-177 and I-177-A except for maintenance parts. Similar to Hickok Model 545.	AF: Obs	10/58
I-178	Range Calibrator	Used to test range units BC-436, 436A and 436B. Interchangeable with I-108.	AMC: Obs	2/46
I-179	Test Set	Multitester. Voltage ac and dc: 0 to 6000v. Current ac and dc 1 $\mu$ a to 12a. Resistance: 0.25 $\Omega$ to 30M $\Omega$ .	AMC: Obs	7/46
I-181	Test Set	Relay test equipment to check current flow, to an external circuit.	AF: Ltd-Std AMC: Std-A	11/56 7/43
I-181-B	Test Set	Relay test equipment to check current flow, to an external circuit.	AF: Std	11/56
I-183-A	Frequency Meter		AMC: Obs	1/46
I-185-A	Oscillator	Substitutes for I-185-().	AMC: Obs	1/46
I-187-A	Synchronizing Unit	Substitutes for I-187-().	AMC: Obs	1/46
I-189-()	Calibrator		AMC: Obs	1/46
I-193-()	Test Set	For testing and adjusting polar relays; provides suitable 10 or 20cps signals for lining up telegraph circuits.	AMC: Std-A	7/43
I-193	Relay Test Set		BS: Obs:	10/62
I-193-A	Test Set	For testing and adjusting polar relays; produces 10 and 20cps, dots for testing telegraph equipment.	AF: Ltd-Std BS: Ltd-Std	8/57 1/62
I-193-B	Test Set	For testing and adjusting polar relays; produces 10 and 20cps dots for testing telegraph equipment.	BS: Ltd-Std	12/62
I-193-C	Test Set	For testing and adjusting polar relays; produces 10 and 20cps dots for testing telegraph equipment.	AF: Std BS: Ltd-Std	8/57 11/63
I-196-A	Signal Generator	Substitutes for I-196-().	BWA: Obs	8/61
I-199-()	Test Set	Measures input and output voltage, current and ripple voltage of dynamotors and hand operated generators. Contains two meters.	AMC: Std-A	5/58
I-201	Test Unit	Substitutes for I-201-().	AF: Obs	8/59
I-201-A	Test Unit	Used with target control receiver-transmitter equipment. Includes limiter-discriminator meter, 0 to 200 $\mu$ a(dc) audio voltage meter, 0 to 20vac; plate current meter, 0 to 150ma(dc); and a grid current meter, 0 to 1 and 0 to 5ma(dc). Ruggedized.	AF: Obs	4/63
I-201-B	Test Unit	Same meter ranges as I-201-A. Accuracy of 3% on grid current, plate current, and limiter-discriminator meters. Accuracy of AF voltage meter is $\pm$ 5% up to 10kc. Sensitivity: 1000 $\Omega$ /v.	AF: Obs	4/63
I-204-()	Signal Generator	Generates RF carrier modulated by signals from Indicator BC-1184-().	AMC: Obs	5/58
I-206-A	Test Set	A portable milliammeter which measures plate and grid currents in AN/AXT only. Ranges: 0 to 15 and 0 to 150ma(dc). Meter resistance: 990 and 90 $\Omega$ . 3% accuracy. Similar to Navy CRV-60058.	AF: Obs	12/60

NOMENCLATURE	ITEM NAME	TECHNICAL SPECIFICATIONS & FUNCTION	STATUS	DATE
I-206-B	Test Set	Milliammeter to measure 0 to 15ma and 0 to 150ma(dc).	AF: Obs BS: Obs	11/60 8/61
I-206-C	Test Set	Milliammeter to measure 0 to 15ma and 0 to 150ma(dc).	AF: Obs	11/60
I-208-()	Signal Generator	FM: 1.9 to 4.5Mc and 19.0 to 45.0Mc; has 500kc crystal calibrator; power: 12v battery.	AMC: Obs	4/61
I-208	Signal Generator	Generates frequency standard for FM equipment. 1.9 to 4.5Mc, 19 to 45Mc; FM: 150/400/1000/2500/5000cps; .333mw and 7.030mw output; .1v and .84v; .03% accuracy. 0 to 60°C.	AF: Std	1/52
I-208-C	Signal Generator	1.9 to 4.5Mc and 19 to 45Mc; calibration accuracy: .03%; signal output: .1 to 100,000 $\mu$ v constant within 30%; output Z: 15 $\Omega$ ; FM at 150/400/1000/2500/5000cps $\pm$ 7%.	AF: Std	11/52
I-209-()	Test Set	Used to measure voltage and frequency at power outlets of the Cord Assembly RC-243 and RC-244.	AMC: Std-C	7/58
I-209-A	Electrical Power Test Set		AMC: Obs	8/60
I-209-B	Radio Test Set	Reads in ac volts and cps. Tests power units. 0 to 150v; 58 to 62cps; $\pm$ 2%; $\pm$ .3%.	AF: Std AMC: Obs	4/54 8/60
I-210-()	Alignment Indicator	VTVM; measures voltage and resistance; tests continuity. 0 to 4.5, 6, 30v.	AMC: Std-C	10/56
I-214-A	Indicator		AMC: Obs	1/46
I-221-()	Indicator		AMC: Std-A	3/46
I-222-()	Signal Generator		AMC: Obs	4/57
I-223-()	Range Calibrator	Used in checking and adjusting the range measuring circuits of pulse operated radars. Signal outputs: sine wave; 163.94kc, sync pulse: 240pps, positive pulse: 163.940pps, 1 $\mu$ sec wide.	AMC: Std-A	3/46
I-224-()	Standing Wave Indicator		AMC: Obs	7/46
I-225	Test Oscillator		AF: Obs	5/55
I-227-()	Remote Indicator		AMC: Obs	1/46
I-231	Alignment Test Set	Portable; measures input voltage, percent modulation, relative power outputs, of drone aircraft television transmitters and receivers. 250 to 380Mc; 50 $\Omega$ , VSWR: 75% (min), 25w(avg).	AF: Obs	5/60
I-234-()	Tuning Indicator		AMC: Obs	1/46
I-236-()	Test Unit		AMC: Std-C	4/50
I-237-()	Field Strength Indicator		AF: Obs AMC: Ltd-Std	2/63 4/53
I-239-()	Multitester		AMC: Obs	1/57
I-240-()	Frequency Calibrator	Portable; general purpose; used to calibrate frequency of range marker oscillators of radar sets. Frequency: 18,624cps. Accuracy: $\pm$ 5cps at 68°F.	AMC: Obs	4/57
I-240	Calibrator		AMC: Obs	4/57
I-244-()	Test Unit		AMC: Obs	2/46
I-245-()	Oscilloscope	5" screen. Frequency response: X and Y axis $\pm$ 10% of maximum from 2 to 100,000cps, X axis 50% response at 250kc, Y axis 50% response at 325kc. Voltage gain: X=2000 $\pm$ 10%, Y=43. Sweep circuit: 2 to 50,000cps. Input Z: Y=2M, 30 $\mu$ f; X=5M, 25 $\mu$ f; Deflection factor (amplifier): Y=.01v/in rms, X=5v/in rms.	AF: Ltd-Std AMC: Std-C	9/55 4/55

NOMENCLATURE	ITEM NAME	TECHNICAL SPECIFICATIONS & FUNCTION	STATUS	DATE
ID-948/ASQ-66	Navigational Computer Monitor	Monitors the in-flight operation of the AN/ASN-32.	AF: Std	12/62
ID-993/ASQ-67	Electronic Equipment Monitor	Monitors in-flight operation of AN/APS-95, AN/AYQ-1, and AN/APX-49(V). Monitors output of AGDL or TDDL Transmitters to acquire confidence in the ALRI System. Locates faults to a subsystem.	AF: Std	12/62
ID-1001/ASQ-68	Monitor Radar Set	Monitors AN/APS-103 by measuring receiver operating noise figure, transmitted power, VSWR, and checking receiver crystal.	AF: Std	12/62
ID-1002/ASQ-68	Monitor Radar Set	Monitors various parameters of AN/APS-103. Isolates faults to a module.	AF: Std	12/62
ID-1004/ASQ-73	Receiver-Transmitter Monitor	Monitors in-flight operation of RT-604/APN-44. Range: 8700 to 8900Mc single band.	AF: Std	12/62
ID-1005/ASQ-73	Frequency Tracker Monitor	Monitors in-flight operation of CV-1058/APN-144. Monitors tracker voltages and synchro outputs when inputs are simulated.	AF: Std	12/62
IE-6()	Tuning Equipment	Includes a metal box with removeable hinged cover housing several instruments used for tuning Radio Transmitter BC-338-() and for checking its operation. Assigned 5 February 1938.	AMC: Obs	3/46
IE-7()	Tuning Equipment	Similar to IE-6().	AMC: Obs	3/46
IE-9	Radio Test Equipment	Assigned 31 December 1940.	AMC: Obs	5/58
IE-9-A	Radio Test Equipment	Includes additional equipment to increase the range and utility of the IE-9. Assigned 7 March 1942.	AMC: Obs	5/58
IE-9-B-	Radio Test Equipment	An improved IE-9-A. Assigned 27 August 1942.	AMC: Obs	5/58
IE-9-C	Radio Test Equipment	Similar to IE-9-B but more suitable for field use. Assigned 18 November 1943.	AMC: Obs	3/60
IE-10	Radio Test Equipment	Assigned 31 December 1940.	AMC: Obs	5/58
IE-12	Radio Test Set	Articles for testing and servicing SCR-522-() and SCR-542-(). For repair shop use. Assigned 10 June 1941.	BS: Obs	1/62
IE-12-A	Radio Test Equipment	Assigned 30 July 1943.	AFL Ktd-Std	5/54
IE-16-()	Radio Test Equipment	Includes Signal Generator I-98-() and Radio Receiver BC-650-().	AMC: Obs	4/57
IE-17-()	Radio Test Equipment	Used for testing and alignment of Radio Set SCR-536-() including receiver and transmitter unit, crystals, and batteries. Battery operated.	AMC: Std-C	4/57
IE-17	Radio Test Equipment	Used for testing and alignment of Radio Set SCR-536-() including receiver and transmitter unit, crystals, and batteries. Battery operated.	BS: Ltd-Std	1/62
IE-17-A	Test Equipment	Substitutes for IE-17-(). Assigned 28 February 1942.	BS: Ltd-Std	1/62
IE-17-B	Radio Test Set		BS: Ltd-Std	4/63
IE-17-D	Test Equipment	Substitutes for IE-17-().	BS: Ltd-Std	1/62



NOMENCLATURE	ITEM NAME	TECHNICAL SPECIFICATIONS & FUNCTION	STATUS	DATE
IE-17-E	Test Equipment	Substitutes for IE-17-().	BS: Std	1/62
IE-19	Radio Test Set		BWA: Obs	10/62
IE-19-A	Test Equipment	Substitutes for IE-19-().	AF: Ltd-Std	9/58
IE-19-C	Test Equipment	For checking any VHF radio set. Includes Signal Generator I-130-A, Test Set I-139-A, Field Strength Meter I-95-(), cord and chest. Differs from IE-19-C in that Battery Box BX-33-A is replaced by UC-616 which includes DM-32-A.	AF: Ltd-Std	9/58
IE-28-()	Test Equipment	Field test equipment for Fuse MC-380 and Fuse MC-328-().	AMC: Obs	11/46
IE-29	Test Equipment	Replaces IE-10. Includes Converter M-222, Test Sets I-51 and I-61B, Voltammeter I-50, Volt-ohmmeter (Weston 564) and Precision #910 Tube Tester. For use on repair trucks.	AMC: Std-A	11/43
IE-35A	Test Equipment	Substitutes for IE-35-().	AF: Obs BWA: Obs	1/60 8/61
IE-36-()	Test Equipment	Includes Control Unit BC-1303, Spanner Wrench, Lamp Extractor, Cords and Phantom Antenna A-29 all in Chest CH-234. Space is provided for Test Set I-139-A.	AMC: Obs	6/58
IE-36	Test Equipment	Includes Control Unit BC-1303, Spanner Wrench Lamp Extractor, Cords and Phantom Antenna A-29 all in Chest CH-234. Space is provided for Test Set I-139-A.	AF: Ltd-Std BWA: Obs	9/58 8/61
IE-37-()	Tuning Equipment	Portable mechanical tuning equipment for changing operating in Radio Set SCR-536-536-(). Includes housing, screwdriver, jack, short leads, and head-set.	AMC: Std-C	4/45
IE-45-()	Test Equipment	For depot use. Includes: Modulator Unit BC-1203-(), diode coupling head BC-1201-() and BC-1202-(), and associated cords.	AF: Obs	5/55
IE-46-A	Test Equipment	Substitutes for IE-46-().	AF: Ltd-Std	5/48
IE-46B	Test Equipment	Similar to Test Equipment IE-46-A but covers a wider frequency range. Includes Radio Receiver RC-1066-B, Signal Generator I-196-B, and Frequency Meter BC-906-D.	AF: Std	5/48
IE-47-()	Test Equipment	Includes Multiplier RS-281-(), Analyzer I-167-(), Test Set I-157-(), Oscillator I-141-(), Oscilloscope I-134-(), Signal Generators I-137-(), and I-138-(), Frequency Meter I-140-(), Lamp TL-197-() and 12 test cords.	AMC: Obs	4/46
IE-53-()	Test Equipment	Includes Voltmeter I-66 with Battery BA-31 and Test Set TS-190/U.	AMC: Obs	6/58
IE-56-A	Test Equipment	Field use. Includes 150 to 235Mc equipment; range calibrator, indicator, signal generator, frequency meter and radio receiver. Includes components of IE-56-B and IE-46-A.	AF: Ltd-Std	11/48
IE-56-B	Test Equipment	Same as IE-56-A and Frequency Meter BC-906-(), Radio Receiver BC-1066-() and Signal Generator I-196-() have been deleted from the list of components. Consists of range calibrator, and indicator and cords.	AF: Ltd-Std	11/48
IE-57-A	Test Equipment	Substitutes for IE-57-().	AF: Ltd-Std	1/49
IE-57-B	Test Equipment	Differs from IE-57-A in that it substitutes Oscilloscope BC-1287-A for BC-1087-A, and Signal Generator BC-1277-A for BC-1077-A and adds Power Meter I-203-A. Used with various "S" band radar equipment.	AF: Ltd-Std	1/49

NOMENCLATURE	ITEM NAME	TECHNICAL SPECIFICATIONS & FUNCTION	STATUS	DATE
IE-75-()	Test Equipment	Consists of 2 each of Test Case CS-136-(), Battery Case CS-141, Headset HS-30-(), Cord CD-874. Used in alignment of radio receiver and transmitter.	AMC: Obs	2/46
IE-79-()	Selsyn Test Set	Uses comparison methods for testing accuracy of selsyns in Plotting Equipment RC-310-(). Includes a transmitter selsyn.	AF: Std	2/48
IM-9()/PD	Radiacmeter	Radiac equipment, portable integrating gamma detector. 0 to 200mv.	AMC: Std-A	8/50
IM-9/PD	Radiacmeter	Radiac equipment, portable integrating gamma detector. 0 to 200mv.	AMC: Std-A	6/60
IM-9A/PD	Radiacmeter	Radiac equipment, portable integrating gamma detector. 0 to 200mv. Similar to IM-19 and 20PD.	AF: Ltd-Std	1/58
IM-9C/PD	Radiacmeter	Radiac equipment, ionization chamber detector, gamma radiation: .04 to 2.0mev or greater.	AF: Std	8/54
IM-9D/PD	Radiacmeter	Radiac equipment, portable integrating gamma detector. Same description as A,B and C versions, but different manufacturer.	AF: Std	8/54
IM-20()/PD	Radiacmeter	Radiac equipment, portable, gamma ray integrating detector, meter. 0 to 500. Charged by PP-311 or 311A/PD. Pen type.	AMC: Canc.	3/60
IM-23/U	Slotted Line	Slotted line is used to test field distribution along transmission line, 2.600 to 3.950Mc range. Waveguide. Includes carriage. U/W MX-831()/U probe or MX-929/U.	AF: Ltd-Std	9/59
IM-23A/U	Slotted Line	Electrically and mechanically interchangeable with IM-23/U but one piece construction is used. Frequency range: 2600 to 3950Mc.	AF: Std	9/59
IM-28/U	Slotted Line	Slotted line is used to test field distribution along transmission line, 1.120 to 1.7kMc range. Waveguide. U/W MX-1019/U probe.	AF: Alt-Std	4/49
IM-61()/PD	Radiacmeter	For gamma and X-ray measurement. Integrating: 0 to 5r or 0 to 50r.	AMC: Obs	6/60
IM-71()/PD	Radiacmeter	Radiac equipment, detects particles and gamma rays, measures radiation intensity of gamma rays 5 to 500mr/hr. Cancelled 25 January 1955. Rb-IM-108()/PD.	AMC: Dev	7/54
IM-81/UP	Standing Wave Indicator	Requires signal generator (9305 to 9445Mc pulsed) and slotted line with probe for VSWR measurement from: 1:1 to 4:1. Accuracy: 3% at 1.58:1, 5% at 1.99:1, 10% at 3.16:1. 15 $\mu$ v to 4000cps. For 250 $\Omega$ line. Interchangeable with unit 1 of TS-12/AP.	AF: Ltd-Std	1/56
IM-81A/UP	Standing Wave Indicator	Same as IM-81/UP except for case, cables and connectors.	AF: Std	1/56
IM-89/UR	Standing Wave Indicator	Standing wave measurement, to determine reflected energy in transmission line, 200 to 400Mc, handles 10 to 40w, Z: 51.5 $\Omega$ . VSWR: 1:1 to 6:1.	BS: Std	1/62
IM-92()/U	Standing Wave Indicator	Standing wave equipment, 500 to 4000Mc range. U/W 50 $\Omega$ coaxial transmission line.	AMC: Std-A	8/54
IM-93()/UD	Radiacmeter	Radiac equipments, detects and measures gamma and X-rays; meter: 0 to 600r.	AMC: Std-A	8/55
IM-93/UD	Radiacmeter	Detects and measures gamma and X-rays; meter: 0 to 600r.	AF: Std	10/63
IM-97/USM-37	Standing Wave Indicator	U/W RF modulated or (1kc AM). VSWR: 3 or 10 full scale. Has 3 input circuits. 0.3 $\mu$ v full scale.	AMC: Std-A	7/55
IM-108()/PD	Radiacmeter	Radiac equipment, measures beta, gamma and X-rays, 1 to 500r/hr. Replaces IM-71()/PD and AN/PRD-36().	AMC: Std-B	7/62

NOMENCLATURE	ITEM NAME	TECHNICAL SPECIFICATIONS & FUNCTION	STATUS	DATE
IM-117/URM-91	Field Strength Meter	Field strength measurement: 18 to 125Mc, 5 to 100,000 $\mu$ v range at low end of frequency range and 100 to 2,500,000 $\mu$ v at high end.	AMC: Std-B	9/60
IM-135/PD	Radiacmeter	Self indicating dosimeter; measures gamma and X-radiation 0 to 5r. Ionization chamber and electrometer. Requires 160vac charger.	AF: Std	2/60
IM-147/PD	Radiacmeter	Gamma and X-rays detected and measured; ionization chamber detector; meter indicator, 0 to 50r similar to IM-18(), 19(), 20()/PD. U/W PP-630/PD.	AMC: Std-A	3/60
IM-154/PDR-54	Radiacmeter	Alpha particles detected and measured. Meter indicator. Gas flow proportional detector.	AMC: Std-B	2/60
IM-156()/PD	Radiacmeter	Detects alpha, beta, gamma rays; measures gamma rays. Meter indicator. Ionization chamber detector.	AMC: Std-A	5/61
IM-174()/PD	Radiacmeter	Measures gamma rays: 0 to 500r/hour. Has ionization chamber detecting element; uses Zener diodes. Similar to IM-108Z/PD.	AMC: Std-A	7/62
IP-512/APS-95	Radar Set Performance Monitor	5" CRT X-axis; 500cps to 5Mc 91 $\Omega$ input impedance.	AF: Std	1/63
IS-70	RF Ammeter		BS: Std AMC: Obs	9/62 1/59
IS-72	Ammeter		AMC: Obs	1/59
IS-76	RF Ammeter		BS: Std	9/62
IS-114	Voltmeter		AMC: Std-A	1/44
IS-139	Ammeter	RF range: 0 to 115ma(RF). Same as IS-69 but scale in ma.	AMC: Std-A	1/59
IS-184	Ammeter	RF range: 0 to 120ma.	AMC: Obs	10/47
IS-185	Voltmeter	Range: 0 to 150vac; frequency response: 60 to 2400cps.	AF: Ltd-Std BWA: Obs AMC: Std-A	8/55 8/61 2/49
IS-189	Voltmeter	0 to 5000vac and vdc, in 6 ranges; 0 to 0.1/10/100/500ma(dc), 4 ranges; 10 $\Omega$ , in 3 ranges; -10 to +55db; voltage sensitivity: 20k $\Omega$ /vdc, 1k $\Omega$ /vac. Replaced by Multitester AN/PSM-6.	BWA: Obs AMC: Std-C	8/61 1/49
LAD	UHF Signal Generator Equipment	Range: 2700 to 2900Mc; repetition rate: 300 to 2500cps; pulse width: 1.0 to 2.8 $\mu$ sec; output: 1mw max. Similar to TS-14/AP.	BS: Obs-nt BWA: Obs	9/62 8/61
LAE	RF Signal Generator	Range: 520 to 1300Mc. Superseded by TS-418/U (400 to 1000Mc) and TS-419/U (900 to 2100Mc). Used for precision frequency measurements and aligning ultra high frequency receivers.	BS: Obs-nt	1/62
LAE-1	RF Signal Generator	Range: 520 to 1300Mc. Superseded by TS-418/U (400 to 1000Mc) and TS-419/U (900 to 2100Mc). Used for precision frequency measurements and aligning ultra high frequency receivers.	BS: Obs-nt BWA: Obs	1/62 8/61
LAE-2	RF Signal Generator	Range: 520 to 1300Mc. Superseded by TS-418/U (400 to 1000Mc) and TS-419/U (900 to 2100Mc). Used for precision frequency measurements and aligning ultra high frequency receivers.	BS: Obs-nt	1/62
LAE-3	RF Signal Generator	Range: 520 to 1300Mc. Superseded by TS-418/U (400 to 1000Mc) and TS-419/U (900 to 2100Mc). Used for precision frequency measurements and aligning ultra high frequency receivers.	BS: Obs-nt	1/62
LAE-4	RF Signal Generator	Range: 520 to 1300Mc. Superseded by TS-418/U (400 to 1000Mc) and TS-419/U (900 to 2100Mc). Used for precision frequency measurements and aligning ultra high frequency receivers.	BS: Obs-nt BWA: Obs	1/62 8/61
LAF	RF Signal Generator	Range: 90 to 600Mc. Used to test, align, and service radio and radar receivers. Superseded by AN/URM-26 (3 to 403Mc) and TS-418/U (400 to 1000Mc).	BS: Obs BWA: Obs	11/63 8/61



NOMENCLATURE	ITEM NAME	TECHNICAL SPECIFICATIONS & FUNCTION	STATUS	DATE
LAF-1	RF Signal Generator	Range: 90 to 600Mc. Used to test, align and service radio and radar receivers. Superseded by AN/URM-26 (3 to 403Mc) and TS-418/U (400 to 1000Mc).	BS: Obs	11/63
LAF-2	RF Signal Generator	Range: 90 to 600Mc. Used to test, align and service radio and radar receivers. Superseded by AN/URM-26 (3 to 403Mc) and TS-418/U (400 to 1000Mc).	BS: Obs	11/63
LAF-3	RF Signal Generator	Range: 90 to 600Mc. Used to test, align and service radio and radar receivers. Superseded by AN/URM-26 (3 to 403Mc) and TS-418/U (400 to 1000Mc).	BS: Obs BWA: Obs	11/63 8/62
LAG	RF Signal Generator	1200 to 4000Mc. Used to align ultra high frequency receivers. Superseded by AN/URM-64 (900 to 2100Mc) and AN/URM-61 (1800 to 4000Mc).	BS: Obs BWA: Obs	11/63 8/61
LAG-1	RF Signal Generator	1200 to 4000Mc. Used to align ultra high frequency receivers. Superseded by AN/URM-64 (900 to 2100Mc) and AN/URM-61 (1800 to 4000Mc).	BS: Obs BWA: Obs	11/63 8/62
LAJ	Audio Oscillator	Range: 20 to 20,000cps. Supersedes "LO" Series. Superseded by LAJ-2 (small size, uncalibrated output) and TS-382A/U for calibrated output.	BS: Obs-nt	1/62
LAJ-1	Audio Oscillator	Range: 20 to 20,000cps. Supersedes "LO" Series. Superseded by LAJ-2 (small size, uncalibrated output) and TS-382A/U for calibrated output.	BS: Obs-nt	1/62
LAJ-2	Audio Oscillator	Portable; range: 20 to 20,000cps; accuracy: $\pm 2\%$ of dial reading; attenuation: 0 to -50db. Use TS-382A/U for calibrated output.	BS: Obs-nt	1/62
LAJ-3	Audio Signal Generator		BS: Obs-nt	1/62
LAJ-4	Audio Signal Generator		BS: Obs-nt	1/62
LAK	Signal Generator	Range: 85kc to 144Mc. Superseded by AN/URM-25 (10kc to 50Mc), and AN/URM-26 (4 to 403Mc).	BS: Obs	1/62
LM-11	Frequency Meter	125kc to 20Mc; heterodyne type. Replaced by FR-4/U. General purpose.	BS: Ltd-Std BWA: Obs	9/62 8/61
LM-11A	Frequency Meter		BS: Ltd-Std	9/62
LM-13	Frequency Meter	Portable, crystal calibrated. For adjusting receivers and transmitters in naval aircraft. Range: 125kc to 20Mc. Powered by self-contained batteries. Similar to Frequency Meter FR-4/U.	BS: Ltd-Std	1/62
LM-15	Frequency Meter	Portable; heterodyne type; range: 125 to 20,000kc; accuracy: $\pm 0.02\%$ ; modulation: 500cps; crystal oscillator: 1000kc. Identical to LM-14 but accepts ac power input only.	BS: Ltd-Std	9/62
LM-15A	Frequency Meter		BS: Ltd-Std	9/62
LM-17	Frequency Meter	Portable; heterodyne type; range: 125 to 20,000kc. Replaced by FR-4/U.	BS: Ltd-Std BWA: Obs	1/62 8/61
LM-18	Frequency Meter	Heterodyne type; calibrated output; range: 125 to 2000kc; accuracy: .02%, 200 to 20,000kc, accuracy: .01%; output voltage; 250 $\mu$ v (min); modulation: 40% at 500cps; crystal oscillator: 1000cps.	BS: Ltd-Std	9/62
LM-21	Frequency Meter		BS: Ltd-Std BWA: Obs	9/62 9/61
LM-22	Frequency Meter	Range: 125kc to 20Mc; accuracy: $\pm 0.01$ kc div; internal frequency calibration; internal power sources. Used for adjusting xmitters and receivers.	BS: Std	1/62
LO	Beat Frequency Oscillator	Range: 25 to 15,000cps; accuracy: below 1000cps equal to smallest division, above 1000cps =2%; maximum output: 7.74v into 600 $\Omega$ ; output Z: 600 $\Omega$ .	BS: Obs-nt	1/62



NOMENCLATURE	ITEM NAME	TECHNICAL SPECIFICATIONS & FUNCTION	STATUS	DATE
LO-1	Beat Frequency Oscillator	Range: 25 to 15,000cps; accuracy: below 1000cps equal to smallest division, above 1000cps =2%; maximum output: 7.74v into 600 $\Omega$ ; output Z: 600 $\Omega$ .	BS: Obs-nt	1/62
LO-2	Beat Frequency Oscillator	Range: 25 to 15,000cps; accuracy: below 1000cps equal to smallest division, above 1000cps =2%; maximum output: 7.74v into 600 $\Omega$ ; output Z: 600 $\Omega$ .	BS: Obs-nt BWA: Obs	1/62 8/61
LO-3	Oscillator		BS: Obs-nt	1/62
LO-4	Oscillator		BS: Obs-nt	1/62
LP	RF Signal Generator	Range: 9.5 to 30,000kc, 30 to 50Mc. Replaced by AN/URM-25.	BS: Obs	1/62
LP-1	RF Signal Generator	Range: 9.5 to 30,000kc, 30 to 50Mc. Replaced by AN/URM-25.	BS: Obs	1/62
LP-2	RF Signal Generator	Range: 9.5 to 30,000kc, 30 to 50Mc. Replaced by AN/URM-25.	BS: Obs	1/62
LP-3	RF Signal Generator	Range: 9.5 to 30,000kc, 30 to 50Mc. Replaced by AN/URM-25.	BS: Obs BWA: Obs	1/62 8/62
LP-4	RF Signal Generator	Range: 9.5 to 30,000kc, 30 to 50Mc. Replaced by AN/URM-25.	BS: Obs	1/62
LP-5	RF Signal Generator	Range: 9.5 to 30,000kc, 30 to 50Mc. Replaced by AN/URM-25.	BS: Obs BWA: Obs	1/62 8/61
LR	Frequency Meter and Crystal Controlled Calibrator	Range: 160kc to 150Mc $\pm$ 0.003%; crystal calibrator: 100kc $\pm$ 1cps; multivibrator: 10, 20 and 100kc.	BS: Obs BWA: Obs	4/63 8/61
LR-1	Frequency Meter and Crystal Controlled Calibrator	Range: 160kc to 150Mc $\pm$ 0.003%; crystal calibrator: 100kc $\pm$ 1cps; multivibrator: 10, 20 and 100kc.	BS: Obs BWA: Obs	4/63 8/61
LR-2	Frequency Meter and Crystal Controlled Calibrator	Range: 160kc to 150Mc $\pm$ 0.003%; crystal calibrator: 100kc $\pm$ 1cps; multivibrator: 10, 20 and 100kc.	BS: Obs BWA: Obs	4/63 8/61
LR-3	Frequency Meter and Crystal Controlled Calibrator	Range: 160kc to 150Mc $\pm$ 0.003%; crystal calibrator: 100kc $\pm$ 1cps; multivibrator: 10, 20 and 100kc.	BS: Obs BWA: Obs	4/63 8/61
LR-5	Frequency Meter		BS: Obs	4/63
LX	UHF Signal Generator	Range: 7.5 to 330Mc in 5 bands; output: 1 to 20,000mv below 100Mc; 1 to 10,000 $\mu$ v above 100Mc; modulation: internal 0 to 60% at 1000cps, external 100cps -20kc $\pm$ 3db.	BS: Obs BWA: Obs	9/62 8/61
LX-1	UHF Signal Generator	Range: 7.5 to 330Mc in 5 bands; output: 1 to 20,000mv below 100Mc; 1 to 10,000 $\mu$ v above 100Mc; modulation: internal 0 to 60% at 1000cps, external 100cps -20kc $\pm$ 3db.	BS: Obs BWA: Obs	9/52 8/61
LX-2	UHF Signal Generator	Range: 7.5 to 330Mc in 5 bands; output: 1 to 20,000 $\mu$ v below 100Mc; 1 to 10,000 $\mu$ v above 100Mc; modulation: internal 0 to 60% at 1000cps, external 100cps -20kc $\pm$ 3db.	BS: Obs BWA: Obs	9/62 8/61
LZ	Radar Test Set		BWA: Obs	8/61
M-166-()	Oscillograph Unit	Assigned: 20 August 1940.	AMC: Obs	3/52
ME-1()/U	Multitester	Multitester, portable, ac 50 to 70cps 0 to 600a, in 4 ranges, 0 to 600vac in 2 ranges.	AMC: Std-C	6/58

NOMENCLATURE	ITEM NAME	TECHNICAL SPECIFICATIONS & FUNCTION	STATUS	DATE
ME-2/U	Audio Level Meter	0.2mw to 100w in 5 ranges. -10 to +50dbm on auxiliary scale $\pm 0.45\text{db}$ , $\pm 0.75\text{db}$ at 15kc. Z: 2.5 to 20,000 $\Omega$ in 40 steps $\pm 5\%$ at 15,000cps.	BS: Std	1/62
ME-3()/U	Ammeter	0 to 10/20/50a(ac) $\pm 0.75\%$ , 25 to 125cps. Resistance: 0.0073 $\Omega$ at 10a. Movable iron type. 100 scale divisions, mirrored scale.	BWO: Pref	7/63
ME-3/U	Ammeter	Ammeter, ac 25 to 125cps; range: 0 to 10/20/50a.	BWA: Obs	8/61
ME-6()/U	Electronic Multitester	0.001 to 100.0vac rms in 5 ranges $\pm 3\%$ , 10cps to 150kc at 0.5M $\Omega$ //30 $\mu\text{f}$ . 1 to 10 and 0 to 20db logarithmic voltage scale. 4.375" meter.	BWO: Pref AMC: Std-C	7/63 9/55
ME-6/U	Electronic Multitester	Multitester, electronic type, range: 0.001 to 0.01/0.01 to 0.1/ 0.1 to 1.0/ 1.0 to 10.0/ 10/0 to 100.0v, also db scale.	AF: Ltd-Std BS: Obs-nt	2/50 1/62
ME-6A/U	Electronic Multitester	0.0005 to 500vac in 6 ranges $\pm 2\%$ , 10cps to 250kc at 2M $\Omega$ //15 $\mu\text{f}$ . 4.375" meter linear db scale.	AF: Alt-Std BS: Ltd-Std	5/55 1/62
ME-6B/U	Electronic Multitester	Same description as ME-6A/U.	AF: Alt-Std BS: Ltd-Std	5/55 1/62
ME-6C/U	Electronic Multitester	0.005 to 500vac in 6 steps, -5 to +17db $\pm 3\%$ , 15cps to 250kc. Input Z: 2M $\Omega$ //15 $\mu\text{f}$ . Logarithmic scale.	AF: Ltd-Std BS: Ltd-Std	4/56 1/62
ME-6D/U	Electronic Multitester	0.0005 to 500vac and -60 to +40db in 6 steps $\pm 3\%$ , 15cps to 250kc. Input Z: 2M $\Omega$ // $\mu\text{f}$ or high ranges, 2M $\Omega$ //30 $\mu\text{f}$ on low ranges. 60 to 600 $\mu\text{a}$ sensitivity.	AF: Std BS: Alt-Std BWA: Pref	4/56 1/62 3/61
ME-6E/U	Electronic Voltmeter	0.001 to 100vac in 5 steps and linear 0 to 20db scale $\pm 2\%$ , 10cps to 150kc. Input Z: 0.5M $\Omega$ //30 $\mu\text{f}$ .	BS: Std	1/62
ME-8()/G	Multitester	0 center, 1/5/10/50/250v at 1k $\Omega$ /v and 5/10/50/100mv at 300 $\Omega$ /v $\pm 0.5\%$ . For tracing causes of electrolysis in cables.	AMC: Std-A	3/47
ME-9()/U	Multitester	0 to 500vdc $\pm 3\%$ in 5 ranges and 0 to 1000vdc $\pm 4\%$ at 1k $\Omega$ and 20k $\Omega$ /v. 0 to 500vac $\pm 4\%$ in 5 ranges and 0 to 1000vac $\pm 5\%$ at 1k $\Omega$ /v. 0 to 2.5 $\mu\text{a}$ (dc) 0 to 2.5/10/50/100/250/500ma(dc) and 0 to 2.5/10a(dc). 0 to 10M $\Omega$ in 5 steps. 4.5" meter.	BS: Ltd-Std AMC: Std-A	1/62 4/61
ME-9A/U	Multitester	0 to 500vdc $\pm 3\%$ in 5 ranges and 0 to 1000vdc $\pm 4\%$ at 1k $\Omega$ and 20k $\Omega$ /v. 0 to 500vac $\pm 4\%$ in 5 ranges and 0 to 1000vac $\pm 5\%$ at 1k $\Omega$ /v. 0 to 10 (dc) in 8 ranges. 0 to 250k $\Omega$ reading in five ranges; 4.5" meter.	BS: Ltd-Std	1/62
ME-9B/U	Multitester	Same description as ME-9A/U.	BS: Ltd-Std	1/62
ME-11/U	RF Wattmeter	100 to 500Mc range, power 0 to 15/60w, $\pm 5\%$ . Absorption type meter.	AF: Ltd-Std BS: Ltd-Std	4/54 1/62
ME-11A/U	RF Wattmeter	30 to 6000Mc range, power 0 to 15/60w, $\pm 5\%$ . Crystal rectifier.	BS: Ltd-Std	1/62
ME-11B/U	RF Wattmeter	30 to 600Mc, 0 to 600w $\pm 5\%$ , crystal rectifier type. May be used as RF load up to 60w, 30 to 600Mc.	BS: Ltd-Std	1/62
ME-11C/U	Wattmeter	Mechanically and electrically interchangeable with ME-11B/U. Same description as ME-11B/U.	BS: Ltd-Std	1/62
ME-14/U	RF Wattmeter	Power measurement: 1000 to 4000Mc, power: 25 $\mu\text{w}$ to 10mw. Bolometer type meter. U/W various radio, radar and navigation equipment.	AF: Alt-Std	8/49
ME-15/U	RF Wattmeter	Power measurement: 1000 to 4000Mc, power: .01 to 5w. Bolometer type meter. U/W various radio, radar and navigation equipment.	AF: Alt-Std	8/49
ME-25/U	Multitester	Electronic type. 0 to 100vdc $\pm 5\%$ in 6 ranges at 9.5M $\Omega$ . 0 to 280vac $\pm 5\%$ in 5 ranges at 12M $\Omega$ //6 $\mu\text{f}$ . 0 to 1000M $\Omega$ in 6 ranges $\pm 3\%$ in 6 ranges. 0 to 1000M $\Omega$ in 6 ranges. -10 to +42db in 4 ranges.	BS: Ltd-Std BWO: Sup	1/62 7/63
ME-25A/U	Multitester	0 to 1000vdc in 7 ranges at 13M $\Omega$ . 0 to 1000vac rms in 7 ranges, 0 to 250vac p-p in 5 ranges at 12M $\Omega$ // $\mu\text{f}$ . 0 to 1000ma(dc) in 6 ranges. 0 to 1000M $\Omega$ in 6 ranges. Conversion chart for db measurements. Electronic type.	BS: Ltd-Std	1/62

NOMENCLATURE	ITEM NAME	TECHNICAL SPECIFICATIONS & FUNCTION	STATUS	DATE
ME-25B/U	Multitester	0 to 500vdc $\pm 6\%$ in 9 ranges at 50M $\Omega$ through 1kv and 250M $\Omega$ for 5kv range. 0 to 1000vac rms in 8 ranges, 0 to 1000vac p-p in 8 ranges 0 to 100v RF rms in 5 ranges $\pm 5\%$ , 60cps to 100Mc at 40M $\Omega$ //12 $\mu$ f. 0 to 1000ma(dc) $\pm 5\%$ in 9 ranges. 0 to 1000M $\Omega$ $\pm 3^\circ$ of arc in 6 ranges. 4.66", 50 $\mu$ a basic movement. Electronic type.	AF: Ltd-Std BS: Ltd-Std	6/58 1/62
ME-26()/U	Multitester	Multitester, electronic, 0 to 300vac, 6 ranges; 0 to 1000vdc 7 ranges; at 100M $\Omega$ , 0 to 500M $\Omega$ 7 ranges.	AMC: Std-A	3/62
ME-26/U	Multitester	Multitester, electronic, 0 to 300vac, 6 ranges; 0 to 1000vdc 7 ranges; at 100M $\Omega$ , 0 to 500M $\Omega$ 7 ranges.	AF: Ltd-Std BS: Ltd-Std	12/58 1/62
ME-26A/U	Multitester	Multitester, electronic, 0 to 300vac, 6 ranges; 0 to 1000vdc 7 ranges; at 122M $\Omega$ , .0.2 to 500M $\Omega$ 7 ranges. Accuracy: $\pm 3\%$ , electronic type.	AF: Std BS: Ltd-Std	12/58 1/62
ME-29/U	Ammeter	0 to 1/5/10/50/100/500ma(dc) $\pm 2\%$ . Resistance: 96 $\Omega$ on 1ma scale, to 0.2 $\Omega$ on 500ma scale. U/W various radars.	AF: Std	4/55
ME-30()/U	Voltmeter	Voltmeter, electronic, 0.001 to 300vac in 12 ranges. $\pm 3\%$ from 20cps to 100kc and $\pm 5\%$ from 100kc to 2Mc. Input Z: 10M $\Omega$ // $\mu$ f for high ranges, //24 $\mu$ f low ranges. Electronic type.	AMC: Std-A	9/55
ME-30/U	Voltmeter	Voltmeter electronic, 0.001 to 300vac in 12 ranges. $\pm 3\%$ from 20cps to 100kc and $\pm 5\%$ from 100kc to 2Mc. Input Z: 10M $\Omega$ // $\mu$ f for high ranges, //24 $\mu$ f low ranges. Electronic type.	AF: Ltd-Std BS: Ltd-Std	9/55 1/62
ME-30A/U	Voltmeter	Voltmeter electronic, 0.001 to 300vac in 12 ranges. $\pm 2\%$ from 20cps to 1Mc and $\pm 5\%$ from 10cps to 4Mc at 10M $\Omega$ //14 $\mu$ f on high ranges and //24 $\mu$ f on low ranges. VTVM.	AF: Std BS: Ltd-Std BWA: Pref	9/55 1/62 3/61
ME-32()/U	RF Ammeter	Ammeter, RF type, 0 to 120ma $\pm 2\%$ for antenna work using thermocouple type movement.	AF: Tent-Std	4/54
ME-48()/U	Multitester	0 to 4kvdc in 10 ranges at 20k $\Omega$ /v. 0 to 1kvac in 9 ranges at 1k $\Omega$ /v. 0 to 10a(dc) in 9 ranges. 0 to 500v output in 8 ranges. 0 to 20M $\Omega$ in 5 ranges. Accuracy: $\pm 2\%$ , 50 $\mu$ a movement.	BWO: Sup	7/63
ME-48/U	Multitester	Multitester, non-electronic, 0 to 4000vdc in 10 ranges, 0 to 1000vac in 9 ranges, 0 to 10a(dc).	BS: Ltd-Std	1/62
ME-48A/U	Multitester	Ranges: 0 to 5000vdc $\pm 3\%$ in 10 ranges, 0 to 1000vac $\pm 5\%$ in 9 ranges. 0 to 10a(dc) $\pm 3\%$ in 9 ranges, 0 to 30M $\Omega$ $\pm 3\%$ in 5 steps. Accuracy: $\pm 3\%$ on dc, $\pm 5\%$ on ac, $\pm 3\%$ on resistance. 50 $\mu$ a sensitivity.	BS: Ltd-Std	1/62
ME-48C/U	Multitester	Ranges: 0.05 to 5000vdc $\pm 4\%$ in 10 ranges, 0.1 to 1000vac in 9 ranges. 2 $\mu$ a to 10a(dc) in 9 ranges and 1 to 100M $\Omega$ in 5 ranges.	BS: Alt-Std	1/62
ME-51()/UP	Frequency Power Meter	3100 to 3500Mc, $\pm 2$ Mc 0 to 100mw. $\pm 2$ db. Input Z: 50 $\Omega$ . Measures average power of CW and pulsed signals. U/W Ord Department Set T-33.	AMC: Std-A	4/57
ME-56()/TSM	Electronic Voltmeter	0 to 10vac $\pm 5\%$ in 2 ranges at 18M $\Omega$ on low frequencies. VTVM. Can be used to measure RF voltage difference across calibrating resistance .7 to 110Mc.	AMC: Std-A	9/54
ME-57()/U	Modulation Meter	Frequency deviation: 0 to 1Mc at frequencies from 20 to 1000Mc with modulation from 50 to 70,000cps. Responds to RF levels as low as 5mv.	AMC: Std-A	5/59
ME-61()/GRC-9	Field Strength Meter	Field strength measurement over range: 1.5 to 4Mc, 4 to 10Mc, 10 to 24Mc bands.	AMC: Std-A	1/58
ME-65()/U	Ammeter	Ammeter, portable, 0.2/5/10/20/50/100/200a(ac) $\pm 0.5\%$ . Movable iron type. 100 scale dimensions.	AMC: Std-A	2/57
ME-67()/USM-36	Multitester	Used to measure ac voltage and current. 0 to 1000a(ac) in 5 steps; 0 to 700v(ac) in 3 steps.	AMC: Obs	8/61
ME-69()/U	Wattmeter	Power measurement 1000 to 2500Mc, 0 to 25w $\pm 5\%$ , 1 to 2.5kMc, graduated in 25 scale divisions.	AMC: Obs	3/62



NOMENCLATURE	ITEM NAME	TECHNICAL SPECIFICATIONS & FUNCTION	STATUS	DATE
ME-70/PSM-6	Multitester	0 to 1000vdc in 7 ranges at 20k $\Omega$ /v and 1k $\Omega$ /v. 0 to 1000vac in 6 ranges at 1k $\Omega$ /v. 0 to 1000ma(dc) in 8 ranges. 0 to 10M $\Omega$ in 5 ranges. Accuracy: $\pm 3\%$ on all ranges. 50 $\mu$ a, 4.5" movement.	AMC: Obs	9/60
ME-71()/FCC	Audio Level Meter	-25 to +2dbm $\pm 2$ db in 3 ranges, 20kc to 500kc, for 600 $\Omega$ line w/injection oscillator for calibrating sensitivity to input voltages.	AMC: Std-B	6/52
ME-74/U	Electronic Voltmeter	0.5mv to 500v in 6 ranges. -65 to +65db in 6 ranges. Accuracy: $\pm 2\%$ . Input Z: 2M $\Omega$ /15 $\mu$ f. Electronic type.	BS: Ltd-Std	1/62
ME-75/ARC-21	Multitester	Multitester, 0 to 1500vdc in 5 ranges. 0 to 15/50vac. 0 to 15/50/150/500ma(dc). Accuracy: $\pm 2\%$ . 50 $\mu$ a movement.	AF: Std	8/56
ME-77()/U	Multitester	Multitester, 0 to 1000vdc, 5 ranges, 0 to 1000vac, $\pm 4\%$ in 4 ranges, 0 to 10M $\Omega$ . $\pm 3\%$ in 5 ranges.	AMC: Std-A	9/56
ME-82()/U	Wattmeter	0 to 120w $\pm 5\%$ , 50 to 600Mc, 52 $\Omega$ resistive impedance.	AMC: Std-A	11/60
ME-86()/U	Photo-electric Foot Candle Meter	0 to 600ft/candles in 3 ranges. Light target is 2 cells, filtered, external type.	AMC: Std-A	4/55
ME-87()/U	Multitester	0 to 3/15/150vdc $\pm 1\%$ at 100 $\Omega$ /v. 0 to 3/15/30a(dc) $\pm 2\%$ at 50mv on 30a range. 4" fan type meter.	AMC: Std-A	10/53
ME-99()/U	Audio Level Meter	-80 to +30db $\pm 0.5$ db, 10cps to 40kc. lmw in 600 $\Omega$ for zero level. Scale marked; -15 to +20cw.	AMC: Dev	7/58
ME-111/U	Electrical Voltmeter	Phase sensitive, electronic, 0.003 to 300vac $\pm 3\%$ in 6 ranges, and 0.01 to 100vac $\pm 3\%$ in 5 ranges at 2M $\Omega$ . Electronic type.	BS: Ltd-Std	11/62
ME-111()/U	Electronic Voltmeter	0.003 to 300vac $\pm 3\%$ in 6 ranges and 0.01 to 100vac $\pm 3\%$ in 5 ranges at 2M $\Omega$ . Electronic type.	AF: Std BS: Ltd-Std BWO: Pref	7/61 11/62 7/63
ME-112/U	Modulation Meter	Modulation check, from 5 to 100%. $\pm 2\%$ , 200 to 400Mc. Maximum power consumption: 0.5w. Contains matching devices for 100w and 1000w transmitters.	AF: Std	6/60
ME-118/G	Radiac Meter	Measures pulsed X-ray radiation in the presence of high power and RF signals generated from electronic equipment. Crystal detector. U/W general purpose.	AF: Canc	6/62
ME-127/U	Modulation Meter	0 to 20kc deviation $\pm 1$ kv, 25 to 175Mc. Sensitivity: 1mv to 140Mc, 2mv to 174Mc. Requires antenna.	BS: Std	1/62
ME-147()/U	Voltmeter	Portable electrostatic instrument for measuring dc or ac voltages of any wave shape in terms of value. 0 to 5/10/15/20kv $\pm 1\%$ dc or ac rms, 0 to 1Mc.	AMC: Std-A	1/59
ME-153/U	Distortion Indicator	0 to 0.3/1/3/10/30% distortion $\pm 5\%$ , 50 to 15,000cps. Noise measurements: 80db below reference calibration Or 80db below AF of dbm level.	BS: Std	1/62
ME-155()/U	Galvanometer	50 to 0 to 50 scale marking with 1mm spacing of divisions. 8.5 $\mu$ v/mm, at 1 meter on reflecting type scale.	AMC: Std-A	11/60
ME-162()/U	Wattmeter	0 to 15/30/60w $\pm 0.5\%$ , 25 to 125cps. Designed for ac and dc. 2/1a maximum.	AMC: Std-A	1/62
ME-176()/APN-129	Ammeter	0 to 5ma(dc) $\pm 2\%$ . 150mv drop across terminals. Indicates diode current in microwave crystal mixer.	AMC: Ltd-Prod	1/61
ME-207/U	Electronic Voltmeter	General purpose. Ranges: 0.0001 to 300vac, 12 ranges and -72 to +52dbm referred to lmw into 600 $\Omega$ in 2 ranges. Sensitivity: 1ma; input Z: 10M $\Omega$ . Accuracy: $\pm 1\%$ from 50cps to 500kc.	BS: Alt-Std	1/62
ME-213/U	Ohmmeter	Measures 0.5M $\Omega$ to 2,000,000M $\Omega$ . High resistance measurement of printed circuits, cables and insulation resistance.	BS: Std	1/62
ME-221()/U	Ammeter	Dc; 0 to 500 $\mu$ a(dc) $\pm 5\%$ accuracy, 30mv sensitivity. 100 divisions (linear).	AMC: Std-A	10/62

NOMENCLATURE	ITEM NAME	TECHNICAL SPECIFICATIONS & FUNCTION	STATUS	DATE
ME-222()/U	Ammeter	0 to 150 $\mu$ a(dc). Accuracy $\pm$ 0.5%; 30 $\Omega$ resistance. Magnetically shielded.	AMC: Std-A	10/62
ME-223()/APN-129 (V)	Voltmeter	0 to 300vac in 12 ranges. 0 to 360° in 4 ranges. measures total, in-phase and quadrature voltage.	AMC: Std-A	7/62
ME-227()/U	Voltmeter	1mv to 1kvdcc $\pm$ 3% in 13 ranges.	AMC: Std-A	8/66
MK-679()/G	Electronic Equipment Maintenance Kit		AMC: Std-A	7/62
MT-2619/AJM-10	Gyro Stabilized Platform Test Stand	Physically supports the MX-3277/AJN-10 during test and alignment operations.	AF: Std	12/62
MX-479/ARN-6	Adapter Kit	Adapts I-100-() to AN/ARN-6() for test purposes.	BWA: Sup	10/62
MX-538/AP	Dummy Load	Used to test TS-204/AP. Frequency: 410 to 420Mc, input Z: 52 $\Omega$ , 250mv.	AF: Obs	6/56
MX-554()/U	Dummy Load	Used to terminate open video lines. Consists of a plug containing a 1/2w 100 $\Omega$ resistor to ground.	AMC: Std-A	10/54
MX-580/AP	Power Absorber	Replaces TMX-4DE. Absorbs X-band electromagnetic radiation from the antenna when tuning a radar transmitter. Used w/ or w/o pickup antenna or horn antenna may connect antenna to echo box, spectrum analyzer, etc.	BWA: Pref	3/61
MX-915/U	Adapter Test Set	Used to help measure flux of a magnetron magnet whose pole gap is 1.77" in 1 1/2" dipole face. U/W probe of flux meter IS-156/AP.	BWA: Obs	1/62
MX-986()/FRC	Receiver Monitor	455kc input, AF output: includes meters to indicate diode current and adjust 3 Radio Receivers R-320()/FRC, switches for output of Keyer KY-50()/FRC and switch for 455kc on the BFO.	AMC: Obs	11/59
MX-1019/U	RF Probe	0.9 to 12.4kMc: tuneable; Z: 50 $\Omega$ ; U/W slotted lines. Supersedes MX-831/U.	AF: Std	8/59
MX-1020/U	RF Probe	Used to measure RF field distributions along slotted sections of transmission line. Tuneable from 300 to 900Mc/sec. Supersedes MX-963/U.	AF: Ltd-Std	11/57
MX-1020A/U	RF Probe	Used to investigate RF field distributions along slotted sections of transmission line. Range: 300 to 3000Mc. Same as MX-1020/U&().	AF: Std	11/57
MX-1258/U	Tube Socket Adapter Kit	Consists of 9 types of adapters: 4/5/6/7S/71 octal, loctal, 7 miniature and 9 miniature, mounted in a transit case. These permit above chassis access to operating tubes.	BS: Alt-Std BWO: Sup	1/62 7/63
MX-1373/UN	Demagnetizer	Removes signals from recording tape 3" wide, up to 7" reels.	AF: Obs	4/58
MX-1373A/UN	Demagnetizer	Removes signals from recording tape 3" wide, up to 7" reels.	AF: Ltd-Std	5/57
MX-1471()/U	Instrument Multi-range Shunt	Provides direct current measuring function when used with multimeter.	AMC: Obs	2/61
MX-1472()/U	Electrical Instrument Multiplier	Multiplies the 0 to 1000vdc ranges of multimeter to 10,000vdc.	AMC: Obs	2/61
MX-1604/USM-32	Test Prod	Frequency compensated device used over carrier frequency range of 0.5 to 400Mc, modulation frequency range of 10 to 15,000cps.	BS: Obs	4/63
MX-1636/U	Frequency Meter Sub-assembly	Contains squaring circuits for time interval measurements over 0.3 $\mu$ sec to 1000sec range.	BS: Ltd-Std	2/63
MX-1636A/U	Stop Timer	Electrical type, electronic trigger circuits, electrical reset device. Time interval indicated on frequency meter.	BS: Ltd-Std	4/63

NOMENCLATURE	ITEM NAME	TECHNICAL SPECIFICATIONS & FUNCTION	STATUS	DATE
MX-1637/U	Frequency Meter Sub-assembly	This subassembly extends the range of FR-38()/U. From 10Mc to 100Mc. Includes tuning indicator and tunable amplifier.	BS: Ltd-Std	1/62
MX-1695/DSM	Group Sub-assembly Test Set	Classified.	AMC: Std-B	7/58
MX-1664/DSM	Group Sub-assembly Test Set	Classified.	AMC: Std-B	7/58
MX-1696/DSM	Group Sub-assembly Test Set		AMC: Std-A	
MX-1701/DSM	Group Sub-assembly Test Set		AMC: Std-A	
MX-1701A/DSM	Group Sub-assembly Test Set	This subassembly increases the tuning range of the missile RF test set to make possible the testing of all missiles equipped with filter antennas.	AMC: Std-A	
MX-1724/UN	Demagnetizer	Provides a magnetic field for the erasure of a recorded magnetic tape. Accommodates tape to two inches in width, and up to a seven inch diameter reel. Used with sound recorder.	AF: Std	5/57
MX-1788/CPN-18	Delay Line	Provides facilities for synchronizing a blanking gate to occur simultaneously with the original interfering video pulse when radar set is used with Interference Blanker Group AN/GP A-28.	AF: Std	5/57
MX-1789/CPS-6B	Delay Line	Provides facilities for synchronizing a blanking gate to occur simultaneously with the original interfering video pulse when radar set is used with Interference Blanker Group AN/GPA-28.	AF: Canc	2/62
MX-1791/FPN-16	Delay Line	Provides facilities for synchronizing a blanking gate to occur simultaneously with the original interfering video pulse when radar set is used with Interference Blanker Group AN/GPA-28.	AF: Tent-Std	9/55
MX-1792/TPS-1D	Delay Line	Provides facilities for synchronizing a blanking gate to occur simultaneously with the original interfering video pulse when radar set is used with Interference Blanker Group AN/GPA-28.	AF: Canc	2/62
MX-1837()/FRN-20	Course Monitor	Detects deviation from normal VOR station operation over frequency range of 108 to 118Mc.	AMC: Std-A	6/57
MX-2005()/U	Electrical Instrument Multiplier	Extends 0 to 1000vdc range: 0 to 100,000vdc.	AMC: Obs	2/61
MX-2006()/U	Electrical Counter	115 counts/min, maximum 6-digit register. Provides means for counting and recording traffic in semi and automatic relay centers.	AMC: Canc	2/61
MX-2012/U	Adapter Test	Provides integral connector to facilitate testing of electron tubes located in plug-in-sub-assemblies without removing tubes. U/W TV-3/U.	BS: Std	1/62
MX-2108()/G	Fixed Inductance Standard	Inductance: 250 $\mu$ h, $\pm$ 1%. Resonant Frequency: 0.5/1.5Mc. Q-meter calibration standard.	AMC: Std-A	6/58
MX-2244/GRM-10	Test Adapter	Printed circuit wiring extension of CV-465/URC allowing removal of IF and relay amplifiers for servicing under operating conditions.	AF: Std	7/63
MX-2330()/G	Subassembly Oscilloscope	Oscilloscope without plug-in vertical pre-amplifiers, with facilities for employing latter for varying bandpass, sensitivity, rise time and input impedance. Scope less plug-in vertical preamp.	AMC: Std-A	6/58
MX-2517()/U	Test Prod	Divides input dc voltages up to 30kv by 100. 5% accuracy. 12M $\Omega$ impedance. Used with VTVM.	AMC: Std-A	11/59
MX-2917/ASW-12 (V)	Calibration Unit	Plugs into Electro Rotary Mechanical Actuator TG-78()/ASW-12 and sums and modifies input signals to the roll actuator.	AMC: Ltd-Prod	3/60



NOMENCLATURE	ITEM NAME	TECHNICAL SPECIFICATIONS & FUNCTION	STATUS	DATE
MX-2918/ASW-12 (V)	Calibration Unit	Sums and modifies input signals to the Pitch Actuator TG-79()/ASW-12. P/O automatic flight control system.	AMC: Ltd-Prod	3/60
MX-2919/ASW-12 (V)	Calibration Unit	Sums and modifies input to the Yaw Actuator TS-80()/ASW-12.	AMC: Ltd-Prod	3/60
MX-2930/USM-105	Oscilloscope Subassembly	Response to 3db: dc to 14Mc; rise time: 0.025 $\mu$ sec; sensitivity: 0.02 to 20v/cm $\pm$ 5% in ten steps; input Z: 1.0M $\Omega$ //30mmf.	BS: Obs BWO: Pref	4/63 7/63
MX-2930A/USM-105	Dual Trace Vertical Channel Pre-amplifier Oscilloscope Subassembly	Same description as MX-2930/USM. Contains broad or tolerance components and modified printed circuitry.	BS: Obs	4/63
MX-2931/USM-105	Dual Trace Vertical Channel Oscilloscope Subassembly	Response to 3db: dc to 14Mc; rise time: 0.025 $\mu$ sec; sensitivity 0.005 to 20.0v/cm $\pm$ 5% in 12 steps; input Z: 1.0M $\Omega$ //30mmf. P/O DB JEN Pattern.	BWO: Pref	7/63
MX-2962/USM-105	Variable Time Delay Horizontal Channel Oscilloscope Subassembly	Delaying sweep time: 1 sec/cm to 2 $\mu$ sec/cm, 18 positions. Trigger: internal 0 to 10cm, external ac, external dc line. Input Z: 1M $\Omega$ . Trigger output: positive 8 to 10v.(ER)	BS: Std	1/62
MX-2996/USM-117	Vertical Channel Oscilloscope Subassembly	Response: to 5Mc down 3db; reproduces lcps to 200kc square wave. Sensitivity: 10mv/div ac, 100mv/div dc. Input Z: 1M $\Omega$ //30 $\mu$ f.	BS: Std	1/62
MX-3057/USM-120	Dual Trace Vertical Channel Pre-amplifier Oscilloscope Subassembly	Dc to 24Mc $\pm$ 3db. 0.015 $\mu$ sec dc rise time. Sensitivity: 0.05 to 20v/cm. Input Z: 1M $\Omega$ //20 $\mu$ f.	BS: Ltd-Std	12/62
MX-3078/USM-105A	Horizontal Channel Oscilloscope Subassembly	Plug in. Provides trigger input, Z: axis, and single sweep arming input connections needed for operating compatible scope w/o sweep delay or recorder functions.	BS: Std BWO: 7/63	1/62 7/63
MX-3719()/ASW-12	Rotary Actuator Test Fixture	Supports and mounts housing and bracket assemblies of the Electro-Mechanical-Rotary-Actuators TG-92, 78, 80, and 81 during bench testing.	AMC: Std-A	10/62
MX-3720()/ASW-12 (V)	Mechanical Linear Actuator Tester	A holding and testing device for Mechanical Linear Actuator TG-90()/ASW-12(V); differential for specified limits of the breakout torque and gear backlash.	AMC: Std-A	8/62
MX-3723()/ASW-12 (V)	Gyro Adapter Fixture	Supports Gyro CN-601()/ASW-12(V) during test and provides means of positioning it in a horizontal plane at any of 4 positions 90° apart.	AMC: Std-A	8/62
MX-4042()/ASW-12 (V)	Gyro Instrument Testing Tilting Table	Provides roll, pitch and yaw position when testing Displacement Gyroscope CN-601()/ASW-12(V); 15° maximum tilt.	AMC: Std-A	8/62
MX-4043()/ASW-12 (V)	Accelerometer Test Fixture	Provides mounting, excitation and 0.1M $\Omega$ and 0.1M $\Omega$ load to Aircraft Accelerometer MX-2916/ASW-12(V).	AMC: Std-A	8/62
MX-4080()/TAQ-1	Cable Assembly Test Set	Contains all cable assemblies necessary for maintaining Infrared Surveillance Information Center AN/TAQ-1.	AMC: Std-A	1/63
MX-4419/PSM-6	Test Adapter	Adapts the release circuitry of the MLU-16/B Bomb Ejection Cartridge to a multimeter so that continuity and existence of stray voltages may be checked.	AF: Tent-Std	1/63

NOMENCLATURE	ITEM NAME	TECHNICAL SPECIFICATIONS & FUNCTION	STATUS	DATE
MX-4822/PSM-6	Test Adapter	Determines existence of voltage in warhead arming circuits prior to loading GAM-83A and B's on F-105 and F-100 Aircraft when U/W AN/PSM-6 Multitester.	AF: STD	7/63
MX-4825/PSM-6	Test Adapter	Determines existence of voltages in breeches on Type VIII Pylons when U/W AN/PSM-6 Multitester.	AF: Std	7/63
MX-6049/PSM-6	Test Adapter		AF: Std	7/63
MX-6050/PSM-6	Test Adapter		AF: Std	7/63
O-217/AWA-2	Pulse Generator		AF: Ltd-Std	11/63
OA-667/ARW	Command Radio		BWA: Obs	8/61
OA-758/MSE-2	Simulator Group	Cancelled December 1957. Designed to furnish power to the launcher and make preflight test on the missile.	AMC: Std-B	7/58
OA-767/DSM	Guided Missile Radio Frequency Test Set Group		AMC: Std-B	7/58
OA-767A/DSM	Guided Missile Radio Frequency Test Set Group		AMC: Std-A	
OA-767B/DSM	Guided Missile Test Set Group		AMC: Std-A	
OA-810/ARW	Control Test Set		BWA: Obs	8/61
OA-1176/DSM	Guided Missile Radio Frequency Test Set Group		AMC: Std-A	
OA-1346/TPM-9	Power Unit and Control Amplifier Test Set Group	Provides facilities for testing the missile power unit and the control amplifier for the Nike Missile.	AMC: Std-B	7/58
OA-1347/TPM-9	Guidance Section Test Set Group	Provides facilities for testing the guidance section as a completely assembled unit. For use with the Nike Missile.	AMC: Std-B	7/58
OA-1348/TPM-9	Beacon and Sod Test Set Group	Provides facilities for testing the beacon unit, steering order demodulator, and GS-15683 Test Responder. For use with the Nike Missile.	AMC: Std-B	7/58
OA-1376/MPM-39	Electronic Shop Group		AMC: Std-A	11/58
OA-1377/MPM-40	Electronic Shop Group		AMC: Std-A	11/58
OA-1579/MPM-46	Electronic Shop Group		AMC: Std-A	11/58
OA-1579A/MPM-46	Electronic Shop Group	Includes computer test set and two servo test sets. One way interchangeable with OA-1579/MPM-46.	AMC: Std-A	11/58
OA-1579/MPM-46	Electronic Shop Group	Includes pulse generator, frequency meter, frequency and power meter, analyzer, radar test set, multi-meter insulation test set, resistance bridge computer test set, servo test set. Provides all functions of OA-1579A/MPM-46 and will also test the Nike-Hercules.	AMC: Std-B	11/58

NOMENCLATURE	ITEM NAME	TECHNICAL SPECIFICATIONS & FUNCTION	STATUS	DATE
OA-1580/MPM-44	Electronic Shop Group		AMC: Std-A	11/58
OA-1580A/MPM-44	Electronic Shop Group	Includes a video amplifier, modulator, square wave generator, signal generator, and all the rest of the units of the Trailer Mounted Electronic Shop AN/PMP-44A. Will perform all the functions of OA-1580/MPM-44 and will also test the Nike-Hercules.	AMC: Std-A	11/58
OA-2010/MSW-4	Simulator Group		AMC: Std-A	11/58
OA-2060/MSW-4	Simulator Group		AMC: Std-A	11/58
OA-2208/DSM-46	Guided Missile Test Set Group		AMC: Std-A	11/58
OA-2208/DSM-46	Guided Missile Test Set Group		AMC: Std-A	11/58
OA-2208B/DSM-46	Guided Missile Test Set Group		AMC: Std-A	11/58
OA-2241/T	Guided Missile Test Set Group	Provides RF signals and dc power along with required switching and metering for testing the Nike Missile guidance section. Functionally similar to GS-16776 but not interchangeable due to use of different components.	AMC: Std-A	11/58
OA-2271/P	Radio Test Set Group	Designed to make tests on the radio receiver and transmitter components on Nike-Hercules.	AMC: Std-A	11/58
OA-2287/DSM	Guided Missile Test Set Group	Designed to test all the electrical components of the Nike-Ajax Guided Missile.	AMC: Std-A	
OA-2288/DSM	Guided Missile Test Set Group	Designed to test all the components of the Nike-Hercules Guided Missile.	AMC: Std-A	11/58
OA-2291/T	Radar Test Set Group		AMC: Ltd-Prod	12/61
OA-2416/DSM-46	Guided Missile Test Set Group		AMC: Std-A	11/58
OA-2431/D	Guided Missile Test Set Group	Designed to make operational check of the electronic components, electrical circuits, and electrical, and electrically controlled systems within a guided missile.	AMC: Std-A	11/58
OA-2516()/MSM-43	Guided Missile Test Set Group		AMC: Ltd-Prod	2/62
OA-2616/DSM	Guided Missile Test Set Group		AMC: Std-A	11/58
OA-2749/FPS-26	Simulator Group	Simulates jamming signal for operator trainer. Contains )A-2750 to OA-2754/FPS-26 etc.	AF: Std	2/63
OA-2777/FPS-26	Simulator Group	Simulates various jamming signals for visual display. Contains various amplifiers, attenuators, modulators, regulators, transformers etc.	AF: Std	2/63
OA-2790/FPS-26	Simulator Group	Produces basic IF jamming and sweep signals. Sends sync and trigger pulses to OA-2749/FPS-26; output sweeps to MD-382/FPS-26; pre-triggers to OA-2823/FPS-26.	AF: Std	2/63



NOMENCLATURE	ITEM NAME	TECHNICAL SPECIFICATIONS & FUNCTION	STATUS	DATE
OA-2953/M	Guided Missile Test Set Group		AMC: Std-B	8/61
OA-3084/M	Missile Guidance Components Test Set Group		AMC: Std-B	8/61
OA-3622/ASM-64	Console Test Set	Contains work cabinet, power supply tester, azimuth data converter tester, etc. which are used to test PP-2686/AYQ-1, CV-959/AYQ-1, and plug-ins.	AF: Std	12/62
OA-3623/ASM-64	Console Test Set	Contains card testers, power supplies etc. used to test plug-in cards of AN/AYQ-1, AN/APX-49(V), and AN/ARR-67.	AF: Std	12/62
OA-3624/ASM-72	Console Test Set	Supplies necessary signals, loads and power to various components and subassemblies of AN/ASN-32 and provides visual indications needed to test and fault isolate.	AF: Std	12/62
OA-3626/APM-171	Console Test Set	Provides necessary power, controls and additional test points for monitoring and testing receiver, video signal integrator, receiver control and their subassemblies.	AF: Std	12/62
OA-3627/APM-172	Console Test Set	Provides power, controls and indicators necessary to monitor transmitter and its modules.	AF: Std	12/62
OA-3628/APM-173	Console Test Set	Contains controls, indicators, and power supplies needed with the antenna-indicator test set.	AF: Std	12/62
OA-3629/APM-174	Console Test Set	Provides power, controls and additional test points for component under test.	AF: Std	12/62
OA-3674/GSM-73	Group Test Set	Facilities to check and troubleshoot all major modules of OA-3012/GSC-7 and SA-764/GSC-7.	AF: Std	12/62
OA-3675/GSM-73	Group Test Set	Provides all facilities needed to test C-3584/GSC-7, AM-2928/GSC-7 and PP-2903/GSC-7 of the OA-3177/GSC-7.	AF: Std	12/62
OA-3676/GSM-73	Group Test Set	Facilities to loop test stand-by gear of Receiver Group and Bench Test CV-1039/GSC-7 and PP-2793/GSC-7.	AF: Std	12/62
OA-3677/ASM-75	Console Test Set	Provides power, indicators and controls needed by OA-3679/ASM-75.	AF: Std	12/62
OA-3678/ASM-75	Group Test Set	Contains frequency converters, counters, signal generator, audio oscillator used with radio communication test set.	AF: Std	12/62
OA-3679/ASM-75	Console Test Set	Contains controls and indicators for use in testing AN/ASQ-59.	AF: Std	12/62
OA-3680/ARM-56	Console Test Set	Provides RF power, voltages and simulated messages needed to test CV-1042/ARR-67, AN/ARR-67, AM-2820/ART-40 and the TDDL Checkout Set.	AF: Std	12/62
OA-3681/ARM-56	Console Test Set	Supplies prime power to AN/ART-40 and necessary servo information to AN/ARC-85. Used with OA-3680/ARM-56 and OA-3682/ARM-56 to furnish test data.	AF: Std	12/62
OA-3682/ARM-56	Console Test Set	Supplies prime power and monitors voltages and currents in power supplies of AN/ARR-67, AN/ART-40 and AN/ARC-85.	AF: Std	12/62
OA-3683/ARM-56	Group Test Set	Contains frequency converters and comparator, counter, signal generator, audio oscillator, SWR indicator, etc. used with radio test set.	AF: Std	12/62
OA-3707/GJQ-9 (V)	Selector Group Test Set		AF: Tent-Std	11/60
OA-3712/GJQ-9 (V)	Selector Group Test Set		AF: Tent-Std	11/60

NOMENCLATURE	ITEM NAME	TECHNICAL SPECIFICATIONS & FUNCTION	STATUS	DATE
OA-3883/GJQ-9 (V)	Console Checkout Sequence Programming Set		AF: Tent-Std	11/60
OA-3884/GJQ-9 (V)	Checkout Sequence Programming Test Set Group		AF: Tent-Std	11/60
OA-3981/FSQ-52	Monitor Group	Provides continual monitoring for computer-display equipment; also A to D conversion and sequential monitoring signal selection.	AF: Std	12/63
OA-4016/FSQ-52	Monitor Programmer Group	Processes signals which reflect radar equipment operability, mode of operation, faults and alarms for visual display. Prints fault indications from sequentially monitored test points on other equipment.	AF: Std	12/63
OA-4017/FSQ-54	Monitor Programming Group	Control center of monitoring set for three tracking radar sets. Processes input data to select and measure monitoring signals and commands printer to tabulate results.	AF: Std	12/63
OA-4027/FSQ-52	Console Monitor Group	Continuous and sequential monitoring of major equipment in the computer-display-radar-central.	AF: Std	12/63
OA-4029/FSQ-42	Monitor Group Radar Set	Continuous and sequential monitoring of critical characteristics of Radar Set AN/FPS-49A.	AF: Std	12/63
OA-4036/FSQ-42	Control- Power Supply Group	Contains controls for and supplies power to remote cabinets in the monitor group.	AF: Std	12/63
OA-4079/FSQ-54	Comparator- Converter Group	Accepts signals from tracking radar exciter, modulator, and transmitter areas, processes them as needed and with other units of the radar monitoring set, monitors them continually and sequentially.	AF: Std	12/63
OA-4080/FSQ-42	Signal Data Converter Group	Converts binary data to analog form and analog data to binary form. Converted form used for sequential monitoring of critical characteristics in AN/FPT-9A.	AF: Std	12/63
OA-4091/FSQ-54	Console Radar Monitoring Set	Provides control of and display for other components of radar monitoring set that determines, continually and sequentially, the performance and operating status of a missile tracking radar set.	AF: Std	12/63
OA-4488()/AAM-12	Infrared Detector Test Group		AMC: Std-A	1/63
OA-6469/FSQ-51	Fault Locator Console	Provides continuous and sequential monitoring of major equipment in computer-display-radar-central.	AF: Std	12/63
OA-6471/FSQ-51	Signal Data Comparator- Converter Group	Accepts signals from detection radar data take-off units and comparator-converter group, compares these signals or known pulse patterns, and converts the resultant to digital levels for further processing by other groups in AN/FSQ-51&().	AF: Std	12/63
OA-6473/FSQ-51	Monitor- Programmer Group	Process signals which reflect radar equipment operability, mode of operation, faults and alarms for visual display. Prints fault indications from sequentially monitored test points on other equipment.	AF: Std	12/63
OA-6474/FSQ-53	Radar Monitoring Console Set	Provides control of and display for other components of radar monitoring set that determines, continually and sequentially, the performance and operating status of a missile tracking radar set.	AF: Std	12/63
OA-6475/FSQ-53	Comparator- Converter Group	Accepts signals from tracking radar exciter, modulator, and transmitter areas, processes them as needed and with other units of the radar monitoring set, monitors them continually and sequentially.	AF: Std	12/63

NOMENCLATURE	ITEM NAME	TECHNICAL SPECIFICATIONS & FUNCTION	STATUS	DATE
OA-6567/FSQ-51	Monitor Group		AF: Std	12/63
OAA	Frequency Meter	Portable frequency and relative power output meter. Detects received pulses for video presentation. Range: 150 to 240Mc $\pm$ .5Mc; ringing time: 50 $\mu$ sec. U/W SA, SC, SK Radars.	BS: Ltd-Std	11/63
OAA-1	Echo Box		BS: Ltd-Std	11/63
OAA-2	Radar Test Equipment	Functionally interchangeable with OAA.	BS: Std	1/62
OAK	Standing Wave Measuring Equipment	A slotted line test set used in measuring and adjusting SWR of transmission lines and antenna. Frequency: 3300Mc, pulse rate: 600c; pulse width: 1 $\mu$ sec.	BWA: Obs	8/61
OAL	Tube Test Set		BS: Obs	1/62
OAO	Radar Test Equipment	Frequency meter; 105 to 125Mc; also indicates relative power output of radar transmitters. Accuracy: $\pm$ .25Mc. Ringing time: 50 $\mu$ sec. Used w/radars w/60cps repetition rate and .05% space duty cycle.	BS: Ltd-Std	11/63
OAO-1	Radar Test Equipment	Frequency meter; 105 to 125Mc; also indicates relative power output of radar transmitters. Accuracy: $\pm$ .25Mc. Ringing time: 50 $\mu$ sec. Used w/radars w/60cps repetition rate and .05% duty cycle.	BS: Ltd-Std	11/63
OAO-2	Radar Test Equipment	Frequency meter; 105 to 125Mc; also indicates relative power output of radar transmitters. Accuracy: $\pm$ .25Mc. Ringing time: 50 $\mu$ sec. U/W radars w/radars w/60c repetition rate and .05% duty cycle.	BS: Std	1/62
OAP	Wavemeter-Oscillator	Range: 150 to 230Mc $\pm$ .25%; input impedance 50 $\Omega$ ; oscillator output: 10mv; modulation: line frequency.	BS: Ltd-Std	9/62
OAP-1	Wavemeter-Oscillator	Range: 150 to 230Mc $\pm$ .25%; input Z: 50 $\Omega$ ; oscillator output: 10mv; modulation: line frequency.	BS: Alt-Std	9/62
OAP-1A	Wavemeter-Oscillator	Same as OAP and OAP-1 except frequency range is 150 to 275Mc.	BS: Ltd-Std	1/62
OAP-2	Wavemeter		BS: Std	1/62
OAW	Transmitting Tube Tester	Portable; determines peak emission and cut-off. Plate voltage: 250 to 1000v. Bias: 0 to 150v. Filament: 0 to 10vac. Plate current: 0 to 1 and 0 to 10ma.	BS: Alt-Std	1/62
OAW-1	Transmitting Tube Tester	Portable; determines peak emission and cut-off. Plate voltage: 250 and 1000v. Bias: 0 to -150v. Filament: 0 to 10vac. Plate current: 0 to 1 and 0 to 10ma.	BS: Std	1/62
OAX	Underwater Sound Testing Equipment	Oscillator 17 to 26kc $\pm$ 1db, hydrophone: 17 to 26kc $\pm$ 6db, amplifier(beat): 0 to 2000cps. Superseded by OCP Series.	BWA: Obs	8/61
OAY	Noise Measuring Set		BS: Ltd-Std	1/62
OBL	Cathode Ray Oscillograph	3"; superseded by OS-8/U.	BS: Obs BWA: Obs	1/62 8/61
OBL-1	Cathode Ray Oscillograph	3"; superseded by OS-8/U.	BS: Obs BWA: Obs	1/62 8/61
OBL-2	Cathode Ray Oscillograph	3"; superseded by OS-8/U.	BS: Obs BWA: Obs	1/62 8/62
OBL-3	Cathode Ray Oscillograph	3"; superseded by OS-8/U.	BS: Obs BWA: Obs	1/62 8/61
OBL-3A	Oscilloscope		BS: Obs BWA: Obs	1/62 8/61
OBL-3B	Oscilloscope		BS: Obs BWA: Obs	1/62 8/61



NOMENCLATURE	ITEM NAME	TECHNICAL SPECIFICATIONS & FUNCTION	STATUS	DATE
OBL-4	Oscilloscope		BS: Obs BWA: Obs	1/62 8/61
OBQ	Vacuum Tube Volt-Ohm-Milliammeter	Superseded by ME-25/U.	BS: Obs	1/62
OBQ-1	Vacuum Tube Volt-Ohm-Milliammeter	Superseded by ME-25/U.	BS: Obs BWA: Obs	1/62 8/61
OBQ-2	Vacuum Tube Volt-Ohm-Milliammeter	Superseded by ME-25/U.	BS: Obs BWA: Obs	1/62 8/61
OBQ-3	Vacuum Tube Volt-Ohm-Milliammeter	Superseded by ME-25/U.	BS: Obs BWA: Obs	1/62 8/61
OBQ-4	Vacuum Tube Volt-Ohm-Milliammeter	Superseded by ME-25/U.	BS: Obs BWA: Obs	9/62 8/61
OBT	Cathode Ray Oscillograph Equipment	Superseded by OS-8/U which is smaller and designed to meet military specifications.	BS: Obs	1/62
OBT-1	Cathode Ray Oscillograph Equipment	Superseded by OS-8/U which is smaller and designed to meet military specifications.	BS: Obs	1/62
OBT/-1	Oscilloscope		BS: Obs	8/61
OBU	Echo Box Test Set	Designed for frequency and power measurements and rough spectrum analysis of radars. Range: 2900 to 3100Mc. Sensitivity: 80 yards/db. Loaded Q: 47,000. Temperature: -40°C to +60°C.	BS: Std	1/62
OBU-1	Echo Box Test Set	Same function, frequency and temperature range as OBU. Loaded Q: 30,000. Sensitivity: 65 yards/db. 20db waveguide coupler adapts this model to Radar Types SG-1, SG-A, SL, SL-1.	BS: Alt-Std	1/62
OBU-2	Echo Box Test Set	Same as OBU-1 except for 27db waveguide which adapts this model to Radar Types SL-A, and SJ.	BS: Alt-Std	1/62
OBU-3	Echo Box Test Set	Frequency range, functional description, and loaded Q are same as OBU. Sensitivity: 90 yards/db. Temperature: -40°C to +60°C. 27db waveguide coupler adapts this model to radar types SF, SF-1, SO, SO-1,2,8,9.	BS: Alt-Std	1/62
OBU-4	Echo Box Test Set	Same as OBU-3 except 18db waveguide coupler adapts this model to radar types: 13,-a,-b, SG-a, SG-1, SL.	BS: Alt-Std	1/62
OCD	Signal Generator	Output pulse: width 2.5 to 50μsec, rate: 3000 to 6000pps. Superseded by SG-18/U and AN/USM-27.	BS: Obs-nt BWA: Obs	1/62 8/61
OCL	Tube Test Set		BS: Obs	1/62
OCP	Sonar Testing Equipment	Generates and receives ultra-sonic energies. Frequency range: 7 to 70kc in 4 bands. Oscillator accuracy: 2%. Output Z: 50Ω. Output power: to speaker: 0.25w maximum to transducer: 1w maximum. Transducer: input similar to OAX Series.	BS: Ltd-Std	12/62
OCP-1	Sonar Testing Equipment	Directly interchangeable w/OCP, OCP-2, OCP-3, OCP-4.	BS: Ltd-Std BWA: Obs	1/62 8/61
OCP-2	Sonar Testing Equipment	Directly interchangeable w/OCP, OCP-1, OCP-3, OCP-4.	BS: Ltd-Std BWA: Sup	1/62 10/62
OCP-3	Sonar Testing Equipment	Directly interchangeable w/OCP, OCP-1, OCP-2, OCP-4.	BS: Ltd-Std	1/62
OCP-4	Sonar Testing Equipment	Directly interchangeable w/OCP, OCP-1, OCP-2, OCP-3.	BS: Ltd-Std	12/62

NOMENCLATURE	ITEM NAME	TECHNICAL SPECIFICATIONS & FUNCTION	STATUS	DATE
OCP-4A	Sonar Test Equipment		BS: Ltd-Std	12/62
OCR	Multitester		BS: Obs	1/62
OCR-1	Volt-Ohm Milliammeter Equipment (Submersion Proof)	Submersion proof. Voltage: 0 to 1000vac or dc in 6 ranges at 1000 $\Omega$ /v, 0 to 2.5v lowest range. Resistance: 0 to 10M $\Omega$ in 3 ranges w/midscale ranges of 200,000 $\Omega$ , 2,000 $\Omega$ , and 20 $\Omega$ . Current: 0 to 10/100/1000ma(dc). Accuracy: 2%.	BS: Obs	1/62
OD-7	Vacuum Tube Analyzing Equipment	Used to measure dynamic mutual conductance and to test for opens and shorts.	BWA: Obs	8/61
OE-11.	Receiver Analyzer	Same as OE-12 except for addition of circuit analyzer block. Superseded by TS-352/U and AN/PSM-4.	BWA: Obs	8/61
OE-12	Receiver Analyzer	Power requirement: 115vac, 7.5vdc. Consists of ac volt-capacity meter and dc VOM. Sensitivity and accuracy: ac 1000 $\Omega$ /v at 5%; dc 20k $\Omega$ /v thru 250v range at 2.5%, 1000 $\Omega$ /v on others at 2.5%. Ranges: 0 to 800vac in 6 ranges,	BWA: Obs	8/61
OF	Signal Generator		BS: Obs	1/62
OF-1	Signal Generator		BS: Obs	1/62
OF-2	Signal Generator		BS: Obs BWA: Obs	1/62 8/62
OJ	Capacitance Inductance Test Set		BS: Ltd-Std	1/62
OJ-1	AF Impedance Measuring Equipment	R, L, C, Q, and D Bridge. Frequency: 1000 to $\pm$ 50cps. Ranges: .001 $\Omega$ to 1M $\Omega$ $\pm$ 2%; 1 $\mu$ f to 100 $\mu$ f $\pm$ 2%; D: .002 to 1 $\Omega$ $\pm$ 20%, 1 $\mu$ h to 100h $\pm$ 10%; Q: 0.02 to 1000 $\pm$ 2%.	BS: Ltd-Std	1/62
OJ-2	Capacitance Inductance Test Set		BS: Ltd-Std	1/62
OJ-3	Inductance Capacitance Test Set		BS: Ltd-Std	1/62
OQ	Tube Tester	Measures proportional Gm from 0 to 130% of manufacturers mean rating. Plate and screen voltages: 35 to 130v. Filament voltage: 0 to 1.1v to 120v (4 scales). Sockets: 4,5,6,7, octal, loctal, 215A, acorn. Overall accuracy: 6 to 8%.	BS: Obs	1/62
OQ-1	Tube Tester	Same as OQ except has 7 pin miniature socket.	BS: Obs	1/62
OQ-2	Tube Tester	Same as OQ-1 and 3.	BS: Obs	1/62
OQ-3	Tube Tester	Same as OQ-2 and 1.	BS: Obs	1/62
OS-1()/U	Oscilloscope	5" screen, Dumont #168.	AMC: Obs	5/58
OS-1/U	Oscilloscope	Oscilloscope, 5" screen, Dumont #168.	BWA: Obs	10/62
OS-4()/AP	Oscilloscope	Y-axis: 1/5cps to 11Mc between 6db points, 0.5v/inch. Sweep: 5 range, 82cps to 820kc; R range, 24 to 214 $\mu$ sec; A range, 1.2 to 12000 $\mu$ sec. Has sweep delay from 3 to 10,000 $\mu$ sec and 10 and 50 $\mu$ sec crystal timing markers. Input Z: 3 inch screen.	AF: Std	3/53
OS-4(XN-1)/AP	Oscilloscope	Experimental Naval Model for OS-4/AP.	BS: Ltd-Std	
OS-4(XN-2)/AP	Oscilloscope	Experimental Naval Model for OS-4/AP.	BS: Ltd-Std	1/62
OS-4/AP	Oscilloscope	3", 3 modes of operation, has an S sweep for use as scope and an R and A sweep for radar ranging.	BS: Ltd-Std	1/62
OS-4A/AP	Oscilloscope	Y-axis: 10cps to 8Mc $\pm$ 3db, 0.5v/inch. Sweep: 80 to 200kc. Delay: 0.55 $\mu$ sec line. 3" CRT.	BS: Ltd-Std	1/62

NOMENCLATURE	ITEM NAME	TECHNICAL SPECIFICATIONS & FUNCTION	STATUS	DATE
OS-4B/AP	Oscilloscope	Y-axis: 50cps to 5Mc $\pm$ 1db, 0.5rmsv/inch. Sweep: 1.2 to 12,000 $\mu$ sec. Has 0.55 $\mu$ sec signal delay line. 3" CRT.	BS: Ltd-Std	1/62
OS-5/U	Oscilloscope	Y-axis: dc to 7Mc $\pm$ 3db, 0.2v/0.75". Sweep: "A" linear triggered, "R" delayed linear triggered 1 $\mu$ sec/inch, 5" screen.	AF: Obs BS: Ltd-Std BWA: Obs	5/60 1/62 8/61
OS-7/U	Oscilloscope Range-Calibrator	3", has 2 types of presentation, linear and circular sweeps, for range calibration.	BS: Obs-nt	1/62
OS-8()/U	Oscilloscope	Y-axis: dc to 2Mc, 0.1rmsv/inch. X-axis: 0.1rmsv/inch. Sweep: 3 to 50kc. 3" screen.	BWO: Pref AMC: Std-A	7/63 8/53
OS-8/U	Oscilloscope	3", 0 to 2Mc frequency range (vert) inputs. Horizontal and vertical 0.1vrms/inch sensitivity, sweep: 3 to 50,000cps. Y-axis: dc to 2Mc, 0.1rmsv/inch X-axis: 0.1rmsv/inch. Sweep: 3 to 50kc. 3" screen.	AF: Ltd-Std BS: Obs-nt	9/55 1/62
OS-8A/U	Oscilloscope	3", 0 to 2Mc frequency range (vert). Inputs horizontal and vertical 0.1vrms/inch sensitivity, sweep: 3 to 50,000cps. Same description as OS-8/U.	AF: Ltd-Std BS: Obs-nt	9/55 1/62
OS-8B/U	Oscilloscope	2 7/8" screen. Frequency range: at full gain control setting, 0 to 2Mcps. Deflection sensitivity thru amplifiers, .075rmsv/inch. Same as OS-8/U, except 0.075rmsv/inch on Y-axis and 2.875 inch.	AF: Ltd-Std BS: Ltd-Std	9/55 1/62
OS-8C/U	Oscilloscope	Y-axis: 5cps to 2Mc, 17rmsv/inch dc, 0.075rmsv/inch ac. Y-axis: dc to 500kc, 25rmsv/inch dc, 0.075rmsv/inch ac. Sweep: 3 to 50kc. 3 inch screen.	AF: Std BS: Ltd-Std	9/55 1/62
OS-8D/U	Oscilloscope	3" screen; sweep circuits included 3 to 50,000cps; frequency response: 5cps to 2Mc. Sensitivity: 0.075vrms/inch, input Z: 1.5M $\Omega$ . Same as and interchangeable with OS-8/U and OS-8B/U and OS-8C/U except for manufacture and component parts which are Canadian manufactured. Same as OS-8/U and OS-8B/U, OS-8C/U.	BS: Ltd-Std	1/62
OS-8E/U	Oscilloscope	Rated frequency response dc to 500kc per second on X-axis; 5cps to 2Mc per second on Y-axis. Interchangeable with OS-8()/U.	BS: Std	1/62
OS-10A/U	Oscilloscope	5", frequency range: 10 to 5,000,000cps, sensitivity 0.7rmsv/inch. Y-axis: 10cps to 5Mc, 0.02rmsv/inch. X-axis: 10cps to 5Mc, 0.7rmsv/inch. Sweep: internal. 5" screen.	BWA: Obs	10/62
OS-11/FGC-5	Oscilloscope	3", deflection sensitivity horizontal and vertical 0.05vrms/inch, time base: 0.5 to 50kc. X and Y-axis. 0.05rvsv/inch. Has calibrated scale.	AMC: Std-B	6/58
OS-16()/URM-18	Oscilloscope	3" screen, sweep: 60cps to 10kc, sensitivity 0.5rmsv/mm, 60 to 100,000cps radial deflection.	AMC: Std-A	12/49
OS-25()/G	Oscilloscope	5" screen, frequency response: 20cps to 5Mc, Y-axis, frequency range: 30cps to 180kc. 60 $\mu$ sec to 15,000 $\mu$ sec sweep, for multiplex equipment.	AMC: Std-A	3/62
OS-46()/U	Oscilloscope	Y-axis: 0.01v/cm, flat to dc and down no more than 10% at 100,000cps. X-axis: 0.12v/cm, flat to dc and down no more than 10% at 100,000cps. Sweep: triggered 1"/ $\mu$ sec. Has recurrent or driven sweep, expansion to 30" and calibrated scale. 5" screen.	AMC: Std-A	4/55
OS-46/U	Oscilloscope	Y-axis: 0.01v/cm flat to dc and down no more than 10% at 100,000cps. X-axis: 0.12v/cm, flat to dc and down no more than 10% at 100,000cps. Sweep: triggered 1 in $\mu$ sec. Has recurrent or driven sweep expansion to 30" and calibrated scale. 5" screen.	AF: Std	9/55
OS-48/U	Oscilloscope	5" sweep circuits included, frequency response: dc to 2Mc, trigger .5v or larger. 5" screen. P/O Corporal Missile ground guidance test equipment.	BWA: Obs	8/61
OS-54/URN-3	Oscilloscope	Y-axis: 5cps to 2Mc, 0.035v/inch. X-axis: 5cps to 1Mc, 5v/inch. Sweep: 25cps to 2.5Mc. 5" screen. Used with AN/URN-3.	AF: Alt-Std	5/58



NOMENCLATURE	ITEM NAME	TECHNICAL SPECIFICATIONS & FUNCTION	STATUS	DATE
OS-72()/U	Oscilloscope	Y-axis: dc to 2Mc, 0.009rmsv/inch. X-axis: dc to 300cps, 0.18rmsv/inch. Sweep: triggered, 2μsec to 120sec duration, expanded sweep. Z-axis input plug-in preamp, accommodations for camera device 5" screen.	AMC: Std-A	11/60
OS-5001()/U	Oscilloscope	Y-axis: dc to 300kc, 0.009rmsv/inch. X-axis: dc to 300kc, 0.1rmsv/inch. Sweep: recurrent and driven, 2 to 30,000cps, below 2cps w/external capacitor. 5" screen.	AMC: Std-A	9/54
OZ	Tube Tester		BS: Obs	1/62
OZ-1	Tube Tester	Measures dynamic Gm, voltage, current, resistance, capacity, and inductance. Detects gas leakage, noise, shorts, and opens. Superseded by TV-3.	BS: Obs	1/62
QZ-2	Tube Tester	All comments on OZ-1 apply to this model.	BS: Obs BWA: Obs	1/62 8/61
OZ-3	Tube Tester		BS: Obs	1/62
RD-2()/GXR	Recorder	Variable-speed tape facsimile recorder, consists of amplifier-detector and printer mechanism capable of responding to 25 to 75wpm transmission.	AMC: Obs	11/60
RD-3/FMQ-1	Radiosonde Recorder	Records temperature, relative humidity and atmospheric pressure on strip chart. Requires 115v, 60cps.	AMC: Obs	7/60
RD-13()/GNQ-4	Recorder-Reproducer Unit	Records on acetate coated disc. Maximum recording time 15 minutes. Turnable speeds 33 1/3 and 78rpm. Cables connect to AM-69()/GNQ-4.	AMC: Obs	4/57
RD-17()/U	Recorder	Uses 0.375 inch paper tape, inked line. 15 to 400wpm.	AMC: Obs	5/52
RD-18()/TNS-2	Reproducer	Steel wire, 10rps. Optically reproduces signals that were magnetically recorded on MX-544()/TNS-2.	AMC: Canc	3/59
RD-19()/TNS-2	Recorder	Uses steel wire, 3rpm and 9rpm. No amplifier.	AMC: Canc	3/59
RD-23()/TN	Recorder	Wax cylinders, 96 to 100rpm. Double mandrel, automatic change-over. Replaceable stylus. Portable.	AMC: Obs	4/51
RD-24()/TN	Reproducer	Wax cylinders. Portable.	AMC: Obs	4/51
RD-31()/U	Recorder-Reproducer	0.0004 inch carbon steel wire, 200 or 400rpm. Has amplifier. Portable.	AMC: Std-A	6/49
RD-31D/U	Recorder-Reproducer	Frequency response: 400 to 4000cps; recording time: 60 minutes maximum; records on wire at 2"/sec; output: 2.5w. Used to record and reproduce from a microphone, telephone line or program line.	AF: Std	2/55
RD-36()/U	Reproducer	Self-contained; for cutting a 16" maximum disc at 78 or 33 1/3rpm. Includes 8" speaker, amplifier, dynamic mike, pickup with replaceable stylus, and turntable.	AMC: Obs	1/52
RD-37()/FN	Recorder-Reproducer	16.5 inch plastic disc, 7ips recording speed. Has built in 7w amplifier.	AMC: Obs	4/51
RD-38()/FN	Recorder-Reproducer	Standard dictaphone wax cylinder, 33rpm. Has built in 8w amplifier and desk type microphone.	AMC: Obs	1/52
RD-39()/TN	Recorder-Reproducer	16.5 inch plastic disc, 7ips recording speed. Has built in 7w amplifier and separate microphone.	AMC: Obs	1/52
RD-40()/TN	Recorder-Reproducer	Same description as RD-39/TN except has headset but no microphone.	AMC: Obs	1/52
RD-41()/U	Recorder	8.125 inch electrolytic paper. Records for purposes of analysis, signals or group of signals of definite cyclic or repetitive nature.	AMC: Std-A	12/46
RD-42()/U	Recorder	Dual-turntable disc-type sound recorder.	AMC: Obs	4/57
RD-49()/U	Milliammeter Recorder	Portable, meter range: 0 to 1ma(dc). 9 speeds: 0.75 inches per hour to 6 inches per minute.	BWO: Pref	7/63
RD-49/U	Milliammeter Recorder	Portable, meter range: 0 to 1ma(dc).	BS: Alt-Std	9/62

NOMENCLATURE	ITEM NAME	TECHNICAL SPECIFICATIONS & FUNCTION	STATUS	DATE
RD-49A/U	Milliammeter Recorder	Portable, meter range: 0 to 1ma(dc). Same description as RD-49/U.	BS: Std	1/62
RD-60()/U	Code Recorder	High-speed undulating type radio telegraph ink-slip recording unit. Uses 3/8 inch standard tape and is rack mountable.	AMC: Std-A	9/52
RD-60/U	Code Recorder	High-speed undulating type radio telegraph ink-slip recording unit. Uses 3/8 inch standard tape and is rack mountable.	AMC: Std	5/52
RD-74()/U	Recorder-Reproducer	Magnetic tape recorder-reproducer, dual track, dual speed, portable, 5w audio output.	AMC: Std-B	2/60
RD-74A/U	Recorder-Reproducer	Provides medium fidelity equipment for fixed station used by radio and wire organizations for general purpose recording. Plastic base magnetic recording tape is employed.	AF: Std	2/52
RD-87()/U	Sound Recorder-Reproducer	Magnetic tape recorder and reproducer with self-contained five watt sound system, operates at two tape speeds, 7 1/2 and 3 3/4ips.	AMC: Std-B	1/59
RD-87/U	Sound Recorder-Reproducer	Magnetic tape recorder and reproducer with self-contained five watt sound system, operates at two tape speeds, 7 1/2 and 3 3/4ips.	AF: Std	12/54
RD-92A/UX	Facsimile Recorder	For receiving; wire and radio reception; electric stylus recording; dots of varying intensity. Design improvements over older unit.	AF: Std	2/54
RD-111()/FRN	Time Recorder	Records the total time of operation of the WE Co. #D-175 730. Frequency standard and contains the circuits of the temperature control system.	AMC: Obs	1/59
RD-115/UN	Sound Recorder-Reproducer	Records on 3" wide paper tape coated with iron oxide. Tape moves at 9.26ipm, providing 24 hours of continuous recording time. 2w amplifier internal.	AF: Obs	8/58
RD-115B/UN	Sound Recorder-Reproducer	Records on 3" wide paper tape coated with iron oxide. Tape moves at 9.26ipm, providing 24 hours of continuous recording time. 2w amplifier internal.	AF: Obs	7/57
RD-117()/U	Sound Reproducer	Provides record programs for hospital program distributor system. Three speed turntable mounted on steel cabinet with wheels. Maximum size disc; 16" diameter.	AMC: Std-B	6/61
RD-126()/TFH-3	Sound Recorder	Self-contained recording system used with newsreel type 35mm motion picture camera to record sound on 100mil variable density sound track film along with picture. 30 to 8000cps. ±2db.	AMC: Std-A	3/53
RD-133/UN	Sound Recorder-Reproducer	Single speed, 3 3/4ips magnetic tape recorder using 1/4" oxide-coated tape containing 2.5w amplifier; portable cabinet.	AF: Obs	7/63
RD-142/UN	Sound Recorder-Reproducer	Dual channel, uses oxide coated tape 2" wide. Provides facilities for recording and playback of audio signals from one or both channels simultaneously. 400 to 3800cps. ±3db.	AF: Obs	6/62
RD-142A/UN	Sound Recorder-Reproducer	Dual channel, uses oxide coated tape 2" wide. Provides facilities for recording and playback of audio signals from one or both channels simultaneously. Interchangeable with RD-142/UN&().	AF: Ltd-Std	4/61
RD-173()/UN	Sound Recorder-Reproducer	7.5 and 3.75ips magnetic recorder using 1/4" wide oxide tape. One hour maximum recording time, portable case, 2 1/2w amplifier. 100 to 7500cps.	AMC: Std-A	1/59
RD-173A/UN	Recorder-Reproducer	For general purpose recording and reproducing signals of frequencies between 100 and 7500cps on magnetic tape. Same description as RD-173/UN.	AF: Tent-Std	10/61
RD-180()/ULH	Signal Data Recorder	Self powered miniature data recorder for counter-measure use. Wire magnetic recorder, FM pulse transmission recorded.	AMC: Dev	7/58
RD-185()/U	Radio Frequency Radiation Pattern Recorder	Automatically records signal strength as a function of antenna position.	AMC: Std-A	1/59

NOMENCLATURE	ITEM NAME	TECHNICAL SPECIFICATIONS & FUNCTION	STATUS	DATE
RD-217/UNH	Sound Recorder-Reproducer	2" wide tape moves at 2.5ips to provide 24 hours of continuous operation without reel changing, reproducing through two watt output. Down 8db or less at 200 and 3500cps from 1000cps reference point.	AF: Std	4/62
RD-242()/G	Sound Recorder-Reproducer	75 to 2300cps response; $\pm 3$ db single channel on magnetic rubber band; 12 second recording time. For use in fixed plant starcom stations.	AMC: Std-A	6/61
RO-14/APH	Signal Data Recorder	a small 12 channel magnetic tape recorder, 4 channels to record the attack display and range information present in the E series and MG series fire control systems. Uses 1" tape. Amplifier included. 30 minute recording time.	AF: Ltd-Std	11/63
RO-43/APH			AF: Ltd-Std	9/58
RO-43A/APH	Signal Data Recorder		AF: Ltd-Std	12/61
RO-65/FST	Coordinate Recorder	Prints tape record of azimuth and range coordinates of targets.	AF: Std	12/62
RO-72/FPS-16	Signal Recorder	4 channels; Z: 5M $\Omega$ chart speed: 0.25 to 100mm/sec. Records input data on permapaper using ink-pen.	AMC: Std-B	4/61
RO-104/AJQ	Simulator-Recorder	Simulates MB-1 rocket mission and records signals from armament section of fire control system and flight firing time. U/W F-106 and F-101 Aircraft.	AF: Ltd-Std	11/62
RO-126/UP	Signal Data Recorder	Records azimuth, elevation and range information; 16 channels. Accepts multi-channel voltage input data and produces paper tape perforated for digital computation. U/W various radar sets.	AF: Ltd-Std	8/63
RO-207()/ ASW-12(V)	Oscillograph	0 to 100cps; sensitivity: 1.lma/chart line; chart speed: 2/25/125mm/sec; 2 channels; amplitude deflection: 40mm (0 to 40cps), 20mm (40 to 70cps), 10mm (70 to 100cps.) Gives ink chart paper recording of servo error signals from AN-3261()/ASW-12(V).	AMC: Std-A	8/62
SB-517/MPM	Electrical Panel Test	Provides for connecting test equipment to equipment being tested. Includes binding posts, panel jacks and power receptacles.	BWO: Std-B	
SB-517B/MPM	Electrical Panel Test	Provides facilities for interconnecting test sets with components being tested. Includes binding posts, jacks and power receptacles.	BWO: Std-A	
SB-518/MPM	Electrical Panel Test	Provides facilities for interconnecting test sets with components being tested. Includes binding posts and panel jacks.	BWO: Std-B	
SB-518A/MPM	Electrical Panel Test	Provides facilities for interconnecting test sets with components being tested. Includes receptacles, binding posts, and jacks.	BWO: Std-B	
SB-518B/MPM	Electrical Panel Test	Provides facilities for interconnecting test sets and components under test.	BWO: Std-A	
SB-1430()/ASN-33	Synchro Resolver Panel Test		AMC: Std-A	3/62
SG-1/ARN	Signal Generator	105 to 135Mc, FM, output: 9.1 to 100,000 $\mu$ v. Modulation: external AM and variable phase 60cps with a 10kc sub-carrier, FM with fixed 60cps phase voltage to deviation ratio or 8. Output meter.	AF: Ltd-Std	5/54
SG-1A/ARN	Signal Generator	88 to 140Mc, 110.1 to 114.9 in 10kc steps. Fixed frequency, calibrated .1 to 2000,000 $\mu$ v output. Modulation: internal and external. Meters for oscillator frequency calibration and output voltage.	AF: Std	5/54
SG-3()/U	Signal Generator	50 to 400Mc $\pm 1\%$ in 3 bands. Output: 0.1 $\mu$ v to 0.1v $\pm 2$ db. Output: Z: 50 $\Omega$ . SWR: less than 1.5. Modulation: FM internal 1, 1.6, 20 and 68kc, can be external from 250cps to 70kc $\pm 0.5\%$ .	AF: Tent-Std AMC: Std-A	4/54 9/59



NOMENCLATURE	ITEM NAME	TECHNICAL SPECIFICATIONS & FUNCTION	STATUS	DATE
SG-6()/U	Signal Generator	FM, 1.9 to 4.5Mc and 19 to 45Mc $\pm 0.03\%$ . Output: 0 to 0.1v. Modulation: 0.15/1/2/5/5kc internal FM.	AMC: Std-B	5/54
SG-8/U	Noise Generator	Signal generator, noise, noise due to "Shot Effect" 10 to 400Mc frequency range.	AF: Ltd-Std AMC: Obs	8/52 4/61
SG-12()/U	Signal Generator	FM, 20 to 102Mc in 5 bands, and 9 fixed frequencies. $\pm 0.5\%$ output: 10 $\mu$ v to 1v $\pm 2$ db, output Z: 10 $\Omega$ . Modulation: FM 1kc internal, can be external. 0 to 50kc deviation or below 50Mc and 0 to 100kc for 50 to 100Mc.	AF: Std AMC: Std-A	6/53 6/54
SG-13()/ARN	Signal Generator	105 to 138Mc and four fixed frequencies $\pm 0.005\%$ . Output: 1 $\mu$ v to 0.1v. Modulation: AM internal 90 or 150cps antenna radiation.	AMC: Dev	
SG-13/ARN	Signal Generator	AM-FM, 105 to 138.0Mc in 1 band with 4 crystal beat frequencies.	AF: Alt-Std	4/48
SG-15()/PCM	Signal Generator	0.2 to 35kc $\pm 0.5$ db. Output: -54 to +26dbm. Output Z: 600 $\Omega$ . BFO.	AMC: Std-A	9/59
SG-17/U	RF Signal Generator	5 to 400Mc in 5 bands and 270 to 340Mc. Accuracy: $\pm 0.5\%$ . Modulation: AM internal 0.4 to 1kc 0 to 30%. May be pulsed by 1 $\mu$ sec pulses.	BS: Ltd-Std	1/62
SG-18/U	Pulse Generator	3 to 6kc. Pulse width: 3 to 40 $\mu$ sec. Output: 0 to 25v pulse output, 150v. Similar to OCD Video Signal Generator but improved design and miniaturized.	BS: Obs-nt BWA: Obs	1/62 8/61
SG-19/U	RF Signal Generator	20cps to 20kc in 3 ranges. $\pm 1$ db (up to 15kc). Output: 1w or 22.5v into 500 $\Omega$ resistive load.	BWA: Obs	8/61
SG-20()/U	RF Signal Generator	75kc to 30Mc in 6 bands. Output: 0.1 $\mu$ v to 2.2v. Modulation: AM internal 0.4 or 1kc, 0 to 100%.	AMC: Std-B	8/52
SG-20/U	RF Signal Generator	75kc to 30Mc $\pm 5\%$ in 6 bands. Output: 0.1 $\mu$ v to 2.2v. Modulation: AM internal 0.4 or 1kc, 0 to 100%.	BS: Ltd-Std	11/63
SG-21/U	AF Signal Generator	10 to 50cps in 20cps steps. Vibrating reed control. Minimum output: 10v. For radiosonde meter calibration.	BS: Ltd-Std	1/62
SG-21A/U	AF Signal Generator	Range: 26 fixed frequency from 10 to 500cps $\pm 0.5\%$ . Output at least 70 p-pv across 100k $\Omega$ , $\pm 2$ db over entire range. Output Z: 200 $\Omega$ .	BS: Alt-Std	1/62
SG-21B/U	AF Signal Generator	10 to 250cps or 20 to 500cps $\pm 0.05\%$ on either. Tuning fork control. Output Z: 0.1 to 1M $\Omega$ . Output: 70p-p.	BS: Std	1/62
SG-23/U	Interference Generator	2kc with harmonics to 400Mc. Approximately 1kc prf. Output: modified sawtooth 250 to 300v maximum, 50msec.	AF: Std BS: Std	8/49 1/62
SG-24/TRM-3	Sweep Generator	15 to 400Mc $\pm 1\%$ in 6 bands. Output: 0.1 $\mu$ v to 0.1v. Z: 50 $\Omega$ . Modulation: FM, AM and CW. FM; $\pm 2$ to $\pm 20\%$ deviation. AM; non-sweep. Has oscilloscope for visual display. (ER)	BWA: Pref	7/62
SG-30/UP	Pulse Generator	20cps to 20kc internal and external sync. 0.22 to 22 $\mu$ sec wide $\pm 10\%$ . Output: 0.5 to 50v, Z: 1k $\Omega$ . 2 to 200 $\mu$ sec delay. $\pm$ output triggers. Markers.	BS: Ltd-Std BWA: D	1/62
SG-30A/U	Pulse Generator	20cps to 20kc. Width: 0.22 to 22 $\mu$ sec $\pm 10\%$ . Internal and external sync. Output: $\pm 0.5$ to $\pm 50$ v pulses. Output Z: 1k $\Omega$ . Self contained CRT indicating circuit.	BWA: Pref	7/62
SG-31/U	RF Signal Generator	General purpose, provides a calibrated modulated test signal, 345 to 525Mc within $\pm 0.5\%$ ; output: -112 to +12dbm; pulse modulation: -112 to 2dbm CW.	AF: Ltd-Std	8/56
SG-31A/U	Signal Generator	Classified.	AF: Std	8/56
SG-34/GPM-15	Signal Generator	0.1 to 1.95Mc in 6 bands. Output: 50 $\mu$ v, 1 $\mu$ v lv. Modulation: CW or pulsed.	BWA: Pref	7/62
SG-42()/URM-18	Signal Generator	0 to 5kc $\pm 2$ cps. Output: 0 to 10v. Output Z: 600 $\Omega$ . Output meter can be beat indicator.	AMC: Std-A	12/49

NOMENCLATURE	ITEM NAME	TECHNICAL SPECIFICATIONS & FUNCTION	STATUS	DATE
SG-44/URM-25	Signal Generator	AM, 10kc to 40Mc $\pm 0.5\%$ , 8 bands. Modulation: internal, AM, 400 and 1000cps; external, 0 to 80%. Output: 0.05 to 50,000 $\mu$ v calibrated; Z: 53.5 to 500 and 0 to 90,000 $\Omega$ .	BWA: Pref	7/62
SG-59/U	Signal Generator	175 to 250Mc $\pm 0.5\%$ . Modulation: AM and FM, 50/100/400/1000/5000/7500/10,000cps internal; provisions for external, 0 to 50% and 0 to 240kc deviations.	BS: Ltd-Std BWO: Sup	1/62 7/63
SG-59()/U	Signal Generator	175 to 250Mc $\pm 0.5\%$ . Modulation: AM and FM, 50/100/400/1000/5000/7500/10,000/15,000cps internal; provisions for external 0 to 50% and 0 to 240kc deviations.	AMC: Obs	8/60
SG-66/ARM-5	Signal Generator	108 to 132Mc $\pm 0.005\%$ , 2 fixed frequencies, crystal controlled. Modulation: AM + FM, or AM; internal, 30cps and 9960 $\pm 480$ cps super imposed, voice modulation and 90/150cps; external, to 100%. Output: 0 to 10,000 $\mu$ v and 1v; Z: 50 $\Omega$ . For testing VHF navigational receiving equipment.	AMC: Std-A	6/60
SG-69A/PPM-1	Pulse Generator	50 to 5000pps; 0.07 to 10.0 $\mu$ sec $\pm 10\%$ pulse width; internal sync; rise and decay time: 0.02 $\mu$ sec; crest voltage variation less than 5% at 50v output. Attenuator: 0 to 50db in 10db steps. Output continuously variable to greater than 10db. Output pulse may be delayed to 100 $\mu$ sec or advanced to 10 $\mu$ sec from sync.	BS: Ltd-Std	1/62
SG-71()/FCC	Signal Generator	50 to 500,000cps $\pm 2\%$ , four bands. Modulation: external 150 to 2500cps jacks for telephone test set modulation. Output: 3w into 600 $\Omega$ unbalanced, 6v into 600 $\Omega$ balanced; $\pm 2$ db maximum variation. Output Z: 600 $\Omega$ . Test tone source for use with open wire carrier telephone systems.	AMC: Std-A	10/59
SG-77()/U	Signal Generator	100kc to 200Mc $\pm 1\%$ in 10 bands ( $\pm 0.1\%$ with crystal calibrator). Output: 1 $\mu$ v to 1.1v or 0.15v to 1v. Output Z: 50 or 200 $\Omega$ modulation: AM, FM, 100/400/1000/2000/5000/8000cps. Internal modulation. External modulation possible. Internally synchronized.	AMC: Canc	11/55
SG-82()/U	Pulse Generator	10kc to 50Mc in steps. Output: 250 $\Omega$ maximum impedance. External synchronization.	AMC: Obs	11/60
SG-85/URM-25D	Signal Generator	10kc to 50Mc in 8 bands. Output 0.1 $\mu$ v to 0.1v $\pm 1$ db. Output Z: 50 $\Omega$ . Modulation: AM, 400 and 1000cps internal; 0 to 50% external with BMC fitting.	AMC: Std-A	3/60
SG-92()/U	Sweep Generator	50kc to 959Mc $\pm 1\%$ . Internal and external sync. Output: FM-RF signal with adjustable center frequency swept at 30Mc. Output Z: 50 $\Omega$ . Either 5 or 100mv open circuit. A "Wobbulator".	AMC: Std-A	11/58
SG-96()/FRC	Sweep Oscillator	1.7 to 2kMc. Sweep width adjustable 0 to 80Mc. Output: 30mw into 50 $\Omega$ (CW), 3db maximum variation over 50Mc. 6.8kc fixed pulse repetition if desired.	AMC: Std-C	7/57
SG-103/URM-25F	Signal Generator	10kc to 50Mc $\pm 0.5\%$ in 9 bands. Output: 0.1 $\mu$ v to 0.1v $\pm 10\%$ . Output Z: 50 $\Omega$ . Modulation: AM 400 and 100cps internal. Can be externally modulated. 0 to 80%.	AMC: Std-A	3/60
SG-106()/U	Signal Generator	25cps to 1Mc $\pm 3\%$ of FS in 9 bands; 0 to 100v p-p output, provides square wave. Output Z: 600 $\Omega$ .	AMC: Obs	2/61
SG-108()/U	Signal Generator	400 to 600Mc $\pm 0.5\%$ . Output: 0.1 $\mu$ v to 0.1v. Output Z: 50 $\Omega$ . Modulation: FM; 1/1.6/20 and 68kc internal. Can be externally modulated with 0 to 400kc deviation.	AMC: Dev	7/58
SG-121A/URN-3	Pulse Generator	40 to 4000cps PRF; internal and external sync. Also sawtooth waveform, 100k $\Omega$ // 270 $\mu$ f. Output: +20p-pv. 21.0/22.0/24.9/25.1 $\mu$ sec width. Mixing detected RF signals or video signals.	AF: Alt-Std	5/58
SG-136/U	Signal Generator	100 to 156Mc and 225 to 400Mc, $\pm 0.005\%$ . Output: 90mw max modulated and 50mw maximum unmodulated. $\pm 5\%$ . Modulation: AM; 1kc internal. Internal battery. Used as field target xmitter for alignment of directions finders equipment.	AF: Std	4/58

NOMENCLATURE	ITEM NAME	TECHNICAL SPECIFICATIONS & FUNCTION	STATUS	DATE
SG-155()/U	Signal Generator	600 to 1850Mc $\pm 0.5\%$ . Output: 0.1 $\mu$ v to 0.1v $\pm 15\%$ . Output Z: 50 $\Omega$ . Modulation: FM 1.0/1.6/20/68/108kc with 0 to 300kc deviation internally or 250cps to 108kc with 0 to 300kc deviation externally.	AMC: Dev	7/58
SG-165/FSA	Signal Generator	Measures noise figure in range: 200 to 400Mc.	AF: Tent-Std	4/56
SG-184/GKA	Pulse Generator	100pps $\pm 1\%$ : fixed train of 16 message pulses, 160 $\mu$ sec $\pm 1.6\%$ ; 120kc: 16 message pulses and 16 shift pulses. For adjustment and maintenance of Multiplexer Group OA-486/GKA-1 and Coder Group OA-530/GKA-1.	AF: Std	5/60
SG-200()/G	Signal Generator	85 to 115kc, 250 to 510kc, 1 to 30Mc, 3 bands, 0.005% accuracy of calibration. Modulation: reduced carrier and 1 (or 2) upper or lower sidebands; 2 separate sidebands (each $\pm 15$ kc of carrier); terminals for external modulation, 0 to 100%. For evaluating performance of receiving components of single sideband radio communication system.	AMC: Dev	7/58
SG-211()/U	Sweep Generator	400kc to 30Mc $\pm 2\%$ , internal sync. Output amplitude: 20 $\mu$ v to 0.5v; output Z: 50 $\Omega$ . Capable of producing separation markers (20kc to 3Mc), variable sweep width (0 to 10% of selected frequency) and variable sweep rate (0.25 to 65cps); linear detector and scope integral part of generator. Provides means for visual examination of frequency responses up to 3Mc bandwidths.	AMC: Dev	7/58
SG-212()/U	Sweep Generator	14kc to 1Mc $\pm 2\%$ , internal sync. Output amplitude: 20 $\mu$ v to 0.5v; output Z: 50 $\Omega$ . Capable of producing separation markers (500cps to 50kc), variable sweep rate (0.25 to 65cps); linear detector and scope integral part of generator. Provides means for visual examination of frequency responses up to 1Mc bandwidths.	AMC: Dev	7/58
SG-213()/U	Signal Generator	2 to 400Mc $\pm 2\%$ , 6 bands. Modulation: internal, AM and pulsed, 500 to 1000cps, 0 to 50%; terminals provided for external modulation. Provides AM and pulse modulated RF for alignment and test of radio sets.	AMC: Dev	7/58
SG-242()/U	Signal Generator	FM, 4400 to 5000Mc range, 1 band. Cancelled.	AMC: Dev	7/58
SG-297()/URM-103	Signal Generator	18 to 80Mc $\pm 0.00375\%$ at 1Mc points, 4 bands. IF: 4.3/5.60/5.625/5.65/10.0/11.50Mc. Modulation: internal, FM, 150/170/1000cps, 0 to 30,000cps, 0 to 30kc deviation. Output: 0.2 to 10,000 $\mu$ v calibrated; Z: 50 $\Omega$ .	AMC: Dev	10/58
SG-298/U	Signal Generator	0.008cps to 2kc $\pm 2\%$ in 10 bands. Output: 30p-pv maximum. Output Z: 4k $\Omega$ . Voltages are transient free down to 0.008cps.	BS: Alt-Std BWO: Pref	11/63 7/63
SG-298()/U	Signal Generator	0.008 to 1200cps, 5 bands, output: 30vp-p; 4000 $\Omega$ output impedance.	AMC: Std-A	1/59
SG-299()/U	Signal Generator	1cps to 1Mc, 6 bands, output: 0 to 55vp-p variable.	BS: Ltd-Std AMC: Std-A	9/62 3/59
SG-299/U	Signal Generator	1cps to 1Mc $\pm 10\%$ , 6 bands. Output: square wave; Z: 600 $\Omega$ . 0 to 55p-pv; Z: 75 $\Omega$ , 0 to 7p-pv. Contains sync input trigger circuit and 60db attenuator. Similar to SG-106/U.	BS: Ltd-Std	11/63
SG-299A/U	Signal Generator	Same description as SG-299/U.	AF: Ltd-Std	6/63
SG-299B/U	Signal Generator	Same description as SG-299/U.	AF: Std	6/63
SG-321/U	Signal Generator	Function generator: 30v sine, square or triangular outputs of 0.008 to 1200cps $\pm 3\%$ in 5 bands.	BS: Alt-Std BWA: Pref	11/63 3/61
SG-336()/U	Signal Generator	20 to 40Mc, 50 to 70Mc; crystal controlled. Modulation: internal, pulsed. Output: 250mvrms, constancy of output within 0.05db/Mc, 50 $\Omega$ impedance. Used to align IF strips of radar receivers.	AMC: Std-A	10/60
SG-337()/U	Thermal Noise Generator	Frequency range: 7.05 to 10.0kMc. For noise figure measurements in radar receivers.	AMC: Std-A	3/61



NOMENCLATURE	ITEM NAME	TECHNICAL SPECIFICATIONS & FUNCTION	STATUS	DATE
SG-352/U	Electronic Marker Generator	Source of 1μsec to 5sec time marker signals, 5/10/50Mc sinewaves and 1/10/100cps, 1/10/100kc trigger pulses. Calibrating source for scope sweeps, oscillators and counters.	BS: Ltd-Std	1/62
SG-354/U	Interference Generator	Portable random noise generator, 150kc to 10,000Mc range; battery operated.	BS: Std	1/62
SG-376/U	Signal Generator	20cps to 20kc ±2%. No modulation. Output: 2v/tone maximum, ±1db maximum variation throughout range; Z: 600Ω. All harmonic and intermodulation distortion products down at least 65db relative to single tone level. Contains two independently adjustable audio oscillators whose outputs may be mixed to form a composite modulating signal sideband transmitter.	BS: Std	11/63
SG-388/AYQ-1	Reference Signal Generator	80 to 330kc. Output: digital pulse. Generates timing and control signals for memory read and write operators.	AF: Std	12/62
SG-419()/U	Thermal Noise Generator	A calibrated noise generator, providing an unbalanced 50Ω output over a wide frequency range. Frequency range: 3 to 500Mc.	AMC: Std-A	6/61
SG-453()/U	Thermal Noise Generator	30cps to 20kc ±1db, 30cps to 500kc ±3db, 500kc to 5Mc ±8db. Generates wide band noise of uniform spectrum level suitable for testing.	AMC: Std-A	7/62
SG-475()/APS-94	Pulse Delay Oscillator	20 to 200cps; two ranges; internal and external sync; calibration delay: 1.0 to 999.9μsec in increments of 0.1μsec. Output: pulse Z: 1000, 0 to 40v amplitude, positive polarity, 1μsec pulse width. Scope trigger: 25v amplitude, positive polarity. Furnishes time delay pulses for calibration of video presentation on radar scope.	AMC: Std-A	10/62
SG-522/U	Signal Generator	0.008 to 1200cps ±3% from 0.8 to 1.2 and +2% from 1.2 to 12 on dial. 5 bands. Output Z: 30p-pv at 400 impedance. Sync pulse available for external use.	BS: Std	11/63
SM-26/U	Antenna Position Simulator	May be substituted for the antenna system output and/or the radio direction finder and receiver output in the direction finder for calibration and performance tests. Output: 0 to 5v.	AF: Ltd-Std	1/57
SM-26A/U	Antenna Position Simulator	Uses motor generator system. Output: 1/2/3vac: 0 to 1, 0 to 10. Frequency: 30cps. Phase: 0 to 360°, fixed, 90° with respect to output 2.	AF: Std	1/57
SM-42/U	Radar Target Simulator	Simulates radar reflection from aircraft and is used to orient ground position. 30,000Mc.	AF: Std	9/57
SM-65()/UP	Radar Signal Simulator	Provides an over-all quantitative measure of MTI radar performance in terms of sub-clutter visibility, decibels, provides RF monitor, range check: 1215 to 1355Mc. U/W Navy L-band MTI radars.	AMC: Dev	9/56
SM-67/G	Antenna Position Simulator	May be substituted for antenna system output and/or radio direction finder and receiver output for performance and calibration tests. Electronic circuits.	AF: Std	7/57
SM-104/GP	Radar Target Simulator	Assists in calibrating AN/FPN-33 by reflecting radar signals from known fixed position. Provisions for attaching a circular polarizer grid to increase target signals.	AMC: Std-A	4/60
SM-131/GMD	Rawin Set Simulator	Synthetic synchro and transmitter signal outputs permits measurement of all control-recorder output signals. Also allows field test of system cabling.	AF: Std	1/61
SM-140/TPX	Recognition Signal Simulator	Provides means for simultaneously testing over-all receiver-decoder system to isolate failure in individual section of system.	AMC: Std-A	5/59
SM-154()/MPQ-4A	Antenna Position Simulator	Simulates the antenna pulse and position of Radar Set AN/MPQ-4A.	AMC: Std-A	7/60

NOMENCLATURE	ITEM NAME	TECHNICAL SPECIFICATIONS & FUNCTION	STATUS	DATE
SM-190A/APS-95	Radar Signal Simulator	Generates RF targets, measures cancellation ratio, subclutter visibility, receiver sensitivity, transmitter power. Monitors AN/APS-95.	AF: Std	1/63
SM-193()/FJW-1	Thermal Radiation Simulator	Simulates initial rise and duration of thermal pulse associated with nuclear detonation: permits remote testing of DT-219()/FJW-1.	AMC: Std-A	6/60
SM-239/T	Radio Frequency Detector Simulator	Simulates Radio Frequency Detector, RF-123/T. Furnishes electrical continuity for simulated beacon when wings are not attached to guided missile trainer.	BWO: Std-B	8/61
SM-240/T	Radio Frequency Detector Simulator	Simulates wing mounted RF-124/T Detector. RF; furnishes electrical continuity for simulated beacon when wings are attached to guided missile trainer.	BWO: Std-B	8/61
SM-253()/ASM-57	Gyroscopic Signal Simulator	Simulates output signals from Collins Type 332D-8 or 332D-9 Vertical Gyro. Simulates pitch and roll of aircraft for bench testing. Manually controlled.	AMC: Std-A	3/62
SM-254()/ASM-54	Navigational Control Simulator	Simulates output of standard synchro transmitter; simulates heading signals of gyro stabilized magnetic compass; manually controlled.	AMC: Std-A	3/62
SM-276/APM-170	Doppler Signal Simulator	Simulates doppler input to AN/APM-170. Center frequency at 21.888kc, 10.944kc, 5.472kc and 2.736kc; background noise 20cps to 20kc; 0.5 to 1.5vrms.	AF: Std	12/62
TR-127/WQM	Sonar Transducer	Barium titanate ceramic type; 1 to 40kc. Z: 100M $\Omega$ dc, 220 $\Omega$ at 10kc. Portable.	BS: Std	1/62
TR-128/WQM	Sonar Transducer	Barium titanate ceramic type; 20 to 160kc. Z: 100M $\Omega$ dc, 220 $\Omega$ at 100kc. Used as hydrophone or projector.	BS: Std	1/62
TR-129/WQM	Sonar Transducer	Barium titanate type; 20 to 160kc. Z: 100M $\Omega$ min dc, 220 $\Omega$ at 100kc. Used as hydrophone or projector.	BS: Std	1/62

NOMENCLATURE	ITEM NAME	TECHNICAL SPECIFICATIONS & FUNCTION	STATUS	DATE
TS-1/ARR-1	Radio Test Set	Test oscillator 246Mc modulated at 7.0Mc.	AF: Obs BWA: Obs	10/59 8/61
TS-2/TG	Teletype-writer Test Set	Teletypewriter test set, 60ma local test circuit.	AF: Ltd-Std AMC: Std-A	11/57 4/43
TS-2A/TG	Teletype-writer Test Set	Teletypewriter test set, transmits signal with distortion bias, 0 to 50%.	AMC: Obs	5/58
TS-2B/TG	Teletype-writer Test Set	Teletypewriter test set, transmits signal with distortion bias, 0 to 50%.	AF: Std	11/55
TS-3/AP	Radio Test Set	Wavemeter-wattmeter; used to measure the transmitter frequency, transmitter peak power and local oscillator power.	AF: Obs BS: Ltd-Std	4/59 1/62
TS-3A/AP	Radio Test Set	Wavemeter-wattmeter; used to measure transmitter frequency and peak power, and local oscillator power. May be used throughout the "Sq" and "Sa" Bands.	AF: Obs BS: Ltd-Std BWA: Obs	12/59 1/62 8/61
TS-5A/AP	Range Calibrator		BWA: Obs	8/61
TS-7/ASQ	Compensator	Magnetic field compensator for aircraft.	BWA: Obs	8/61
TS-8/U	Oscilloscope Calibrator	Calibrator, provides .1, 1, 10, 20, 100v p-p for screen calibration.	BWA: Obs	8/61
TS-8A/U	Oscilloscope Calibrator	Calibrator, provides a .01v p-p calibration range.	BWA: Obs	8/61
TS-9/ASQ-3	Tube Tester	Used to test microphonic mutual conductance and heater to cathode leakage for 6k5G tubes.	BWA: Obs	8/61
TS-9A/ASQ-3	Tube Tester	Tube tester, checks 6k5G, 6Q7-G and 12SL7-GT tubes for cutoff and heater to cathode leakage.	BWA: Obs	8/61
TS-10/APN	Radio Test Set	Delay line, 500 line. Includes RF attenuator (inductive) and case. Uses RG-30/U cable.	BWA: Sup	10/62
TS-10A/APN	Delay Line Test Set	Same description as TS-10/APN but uses RG-54/U instead of RG-30/U cable.	AF: Obs BWA: Sup	9/59 10/62
TS-10B/APN	Delay Line Test Set	Same description as TS-10A/APN but ID-98/APN replaces 2I-101.	AF: Ltd-Std BWA: Sup	2/47 10/62
TS-10C/APN	Delay Line Test Set	Similar to TS-10B/APN but has metal case.	AF: Ltd-Std BWA: Sup	3/54 10/62
TS-12/AP	Standing Wave Indicator	Standing wave equipment, slotted section, probes and fittings amplifier and meter. "Xa" band.	AF: Std BWA: Obs	1/50 8/61
TS-13/AP	Radio Frequency Test Set	Signal generator, "Xa" band wavemeter, wattmeter.	AF: Obs BWA: Obs	4/59 8/61
TS-14/AP	Test Set	A field test set consisting of "Sa" Band signal generator, frequency comparator, wattmeter, and cables. Used for testing "Sa" Band radar.	BWA: Obs	5/61
TS-14A/AP	Test Set	Has "S" band signal generator, frequency comparator, wattmeter, and cables. Used to field test "S" band radar and beacons. Similar to TS-14/AP except has ability to vary pulse width from 1 to 7μs instead of 1 to 2.8μs.	BWA: Obs	8/61
TS-15()/AP	Fluxmeter	Flux measurement, measures flux density between pole faces of magnets; in "L", "S", "X" and "K" band radar systems.	AMC: Std-A	1/46
TS-15/AP	Fluxmeter	Flux measurement, measures flux density between pole faces of magnets; in "L", "S", "X" and "K" band radar systems.	BS: Obs-nt	1/62
TS-15A/AP	Fluxmeter	Flux measurement, measures flux density between pole faces of magnets, range 1000 to 10,000 gauss.	BS: Ltd-Std	1/62
TS-15B/AP	Fluxmeter	Flux measurements, measures flux density 1200 to 9600 gauss.	AF: Ltd-Std BS: Ltd-Std	6/54 8/61



NOMENCLATURE	ITEM NAME	TECHNICAL SPECIFICATIONS & FUNCTION	STATUS	DATE
TS-15C/AP	Fluxmeter	Flux measurement, measures density, 1200 to 9600 gauss.	AF: Std BS: Std	6/54 8/62
TS-16/APN	Radio Performance Test Set	Portable. Used by depots when checking altimeter counter circuits, modulation sweep frequency and bandwidth. Power req: 23 to 29vdc. 410 to 470Mc. Output Z: 15k $\Omega$ . Accuracy: 0.1% frequency, 1% or better on counter circuits. Formerly called ID-34.	AF: Ltd-Std	8/58
TS-16A/APN	Radio Performance Test Set	Radio performance checker measures RF 410 to 470Mc, supplied AF 342 to 6935cps.	AF: Ltd-Std	8/58
TS-16X/APN	Radio Test Set	Radio performance checker contains electrical circuits, meters and simulators.	AF: Obs	4/59
TS-17/ASQ	Magnetic Set	A calibrated set consisting of three identical bar magnets. Used for calibrating AN/ASQ series equipment.	BWA: Sup	10/62
TS-18/AP	Voltage Divider	Voltage divider (RF) provides voltage ratios 100 to 1, 15 to 1.	BWA: Obs	8/61
TS-23/APN	Radar Test Set	Radar equipment, 440Mc 0.5 $\mu$ sec pulses PRF 100kc. Contains circuits for testing.	AF: Ltd-Std BWA: Obs	5/52 8/61
TS-23A/APN	Radar Test Set	Radar equipment, 440Mc 0.5 $\mu$ sec pulses PFR 100kc.	AF: Std BWA: Obs	5/52 8/61
TS-24/ARR-2	Test Oscillator	Carrier: 246Mc. Includes six tunable modulating frequency channels (540 to 830kc). Powered by internal batteries.	AF: Obs BWA: Obs	10/59 8/61
TS-24A/ARR-2	Test Oscillator	Carrier frequency 246Mc; six modulation frequency channels each tunable over the range 540 to 830kc. Powered by internal batteries.	AF: Obs BWA: Obs	10/59 8/61
TS-26()/TSM	Teletype-writer Test Set	Communication cable tests. Identifies grounds, crosses, shorts and opens. Voltmeter: 0 to 3/30/300/600vdc, 1000 $\Omega$ /v. Ohmmeter: 0 to 1k/10k/100k/10M $\Omega$ . Internal battery supply.	AMC: Std-A	9/59
TS-26/TSM	Telephone Test Set	Volt-ohmmeter, telephone testing, voltage 3/30/300/600vdc, ohm 0 to 1k, 10k, 100k. Same description as TS-26/TSM.	AF: Std AMC: Std-A	4/51 10/43
TS-27()/TSM	Telephone Test Set	Telephone test equipment, detects ordinary faults such as crosses, opens, grounds, etc.	AF: Ltd-Std	9/57
TS-27/TSM	Telephone Test Set	Telephone test equipment, detects ordinary faults such as crosses, opens, grounds, etc.	AF: Ltd-Std	3/54
TS-27A/TSM	Telephone Test Set	Combination bridge telephone test equipment, detects ordinary faults such as opens, crosses, grounds, etc.	AF: Ltd-Std AMC: Obs	9/57 8/60
TS-27B/TSM	Telephone Test Set	Telephone test equipment, 0.1 to 3.0 $\mu$ f of equiv parallel cap., 0 to 50M $\Omega$ resistance range.	AF: Std AMC: Std-A	9/57 8/60
TS-28/UPN	Synchroscope	Synchroscope, recurrence rates 330/500/1000/sec, 5Mc video amp.	BS: Obs BWA: Obs AMC: Obs	9/62 8/61 8/60
TS-28A/UPN	Synchroscope	Synchroscope, recurrence rates 330/500/1000/sec, 5Mc video amp.	BWA: Obs	8/61
TS-29/FMQ-1	Frequency Meter	Frequency meter, 0 to 200cps audio, sine, sawtooth.	AMC: Std-A	1/49
TS-29A/FMQ-1	Frequency Meter	Frequency meter, 100 graduations in 2cps/graduation.	AMC: Std-A	1/49
TS-30()/FMQ-1	Test Equipment	Radio sonde test equipment, pre-flight check.	AMC: Obs	4/46
TS-32/TRC-1	Test Oscillator	Radio test set, 10Mc to 100Mc with 100kc separation.	AF: Obs	5/58
TS-33/AP	Frequency Meter	Frequency meter, X-band.	AF: Obs BS: Ltd-Std BWA: Obs	2/59 9/62 10/62
TS-33A/AP	Frequency Meter		BS: Alt-Std	1/62

NOMENCLATURE	ITEM NAME	TECHNICAL SPECIFICATIONS & FUNCTION	STATUS	DATE
TS-34()/AP	Oscilloscope	Oscilloscope, radar testing, 2" screen, 0.22mm/vdc horizontal deflection, start-stop and sawtooth circuit 10 to 50,000cps. Bell Spec. X61713B.	AMC: Obs	4/57
TS-34/AP	Oscilloscope	Oscilloscope, radar testing, 2" screen, 0.22mm/vdc horizontal deflection, start-stop and sawtooth circuit 10 to 50,000cps. Bell Spec. X-61713B.	AF: Obs BS: Obs BWA: Obs	4/61 1/62 8/61
TS-34A/AP	Oscilloscope	30cps to 1Mc observable sine wave, 0.25 to 30,000μsec observable pulse. 2" screen, 0.22mm/vdc horizontal deflection, start-stop and sawtooth circuit 10 to 50,000cps. Bell Spec. X-61713C (ER).	AF: Obs BS: Ltd-Std BWA: Obs	3/61 8/62 8/61
TS-35/AP	Signal Generator	Signal generator, used with scope for performance check on X-band radar receivers and transmitters; Bell Spec. X-61721.	BS: Obs-nt AMC: Obs	1/62 5/51
TS-35A/AP	Signal Generator	Signal generator, used with scope for performance check on X-band radar receivers and transmitters, has broad band attenuation.	BS: Ltd-Std BWA: Obs	1/62 8/62
TS-36/AP	Power Meter	Power meter, 8700Mc to 9500Mc band, for either absolute or relative power measurements, Bell Spec. X-61722.	AF: Obs BWA: Obs	5/58 8/61
TS-41/CRN-1	Test Set	Transmitter performance test, measures antenna and plate current, filament and plate voltage.	BWA: Obs	8/61
TS-45/APM-3	Radio Test Unit	Radar equipment, consists of wavemeter 9230 to 9460Mc, checks frequency of radar.	BWA: Obs	8/61
TS-45A/APM-3	Radar Test Unit	Contains X-band waveguide attenuator, variable: 0 to 30db; -723A X-band oscillator; wavemeter calibrated: 9230 to 9460Mc, ±2Mc.	BWA: Obs	8/61
TS-46/U	Frequency Meter	Frequency meter, measures S-band frequency.	BWA: Obs	8/61
TS-47()/APR	Test Oscillator	Test oscillator, frequency calibration of UHF receivers, 40 to 115Mc and 115 to 500Mc.	AMC: Std-C	9/62
TS-47/APR	Test Oscillator	Test oscillator, frequency calibration of UHF receivers, 40 to 115Mc and 115 to 500Mc.	AF: Std BS: Obs-nt	2/60 1/61
TS-47A/APR	Test Oscillator	Test oscillator, test radio receivers in field, 40 to 500Mc, 2 bands.	BS: Obs-nt	1/62
TS-58/GRM	Test Unit	Radio test equipment, 5 meters on panel, measures, currents and voltages of transmitters.	BWA: Obs	8/61
TS-59/APN-1	Test Set	Delay line, delay equivalent 1800 feet of altitude, passes signal 9.0Mc wide.	BWA: Obs	8/61
TS-59A/APN-1	Test Set	Delay line, delay equivalent 1900 to 2000 feet altitude, passes 12Mc signal.	BWA: Obs	10/62
TS-60/U	Test Meter	General purpose meter for tuning of equipment. 0 to 1ma(dc).	AF: Std BWA: Obs	10/56 8/61
TS-61/AP	Echo Box	Echo box test set, used in S-band.	AF: Obs BWA: Pref	12/56 3/61
TS-62/AP	Echo Box Test Box	Echo box test set used in X-band.	AF: Ltd-Std BS: Ltd-Std BWA: Sup	3/50 1/60 10/62
TS-65()/FMQ-1	Frequency Standard	Output frequency 10/20/40/60/80/100/120/140/160/180/190cps. Temp. compensated and pressure sealed tuning fork oscillator.	AMC: Std-A	9/44
TS-65/FMQ-1	Frequency Standard	Frequency standard, 10 to 190cps.	AMC: Obs	5/56
TS-65A/FMQ-1	Frequency Standard	Frequency standard, 10 to 190cps.	AF: Ltd-Std AMC: Obs	12/52 5/56
TS-65B/FMQ-1	Frequency Standard	Frequency standard, generates 11 AF over 10 to 190cps range.	AF: Ltd-Std AMC: Obs	12/52 5/56
TS-65C/FMQ-1	Frequency Standard	Frequency standard, generates proportional frequency for calibrations, different principle than TS-65()/FMQ-1 but similar.	AF: Ltd-Std	4/57

NOMENCLATURE	ITEM NAME	TECHNICAL SPECIFICATIONS & FUNCTION	STATUS	DATE
TS-65D/FMQ-1	Frequency Standard	Frequency standard, 11 channels, 10 to 190cps.	AF: Std	4/57
TS-67/ARN-5	Signal Generator Test Set	Radio test equipment, alignment of RF and IF.	AF: Obs BS: Obs	4/59 8/61
TS-67A/ARN-5	Signal Generator Test Set	Radio test equipment, alignment of RF and IF 106 to 114Mc and 325 to 340Mc.	AF: Obs	4/59
TS-69/AP	Frequency Meter	Frequency meter, variable length coaxial resonating cavity, 400 to 1000Mc.	BWA: Obs	8/61
TS-70/AP	Radio Frequency Wattmeter	Power meter, 200 to 800Mc.	AF: Obs BWA: Obs	5/54 8/61
TS-74/UPM	Phantom Antenna and Attenuator	Monitoring equipment (radar) connection of line, without introducing standing waves, 2700 to 3400Mc.	AF: Obs	4/56
TS-74A/UPM	Phantom Antenna and Attenuator	Monitoring equipment (radar), usable range 1550 to 5200Mc, optimum 2700 to 3400Mc, 250kw max peak dissipation.	AF: Obs	4/56
TS-75/U	Test Meter	Radio test equipment, 0 to 200 $\mu$ amp dc meter.	BWA: Obs	8/61
TS-76/APM-3	Auxiliary Test Kit	Receiver test equipment, contains TS-75/U X-band receivers, and tube and horn assemblies.	BWA: Obs	8/61
TS-78/U	Phantom Transmitter Antenna	Power measurement, 0 to 400Mc by light intensity of indicating lamp.	AF: Ltd-Std BWA: Obs	7/50 8/61
TS-79/U	Phantom Transmitter Antenna	Dummy load, provides load for receiver during bench testing.	BWA: Obs	8/61
TS-80/U	Test Meter	Ammeter, pretuning of transmitter and receiver 0 to 1dc(ma).	BS: Obs	8/61
TS-83/ASQ-3	Test Bench	Mechanical equipment simulates roll and pitch of aircraft.	BWA: Obs	8/61
TS-84/ASQ-3	Test Mechanism	Mechanical equipment provides means of rotating flux gate mounting.	BWA: Obs	8/61
TS-86/ASQ-3	Test Set	Portable; checks proper functioning of detecting equipment.	BWA: Obs	8/61
TS-89()/AP	Voltage Divider	For oscilloscope measurement of video pulses in excess of 200v.	BWO: Pref	7/63
TS-89/AP	Voltage Divider	Voltage divider for oscilloscope measurement of video pulses in excess of 200v.	AF: Ltd-Std BS: Ltd-Std	3/52 1/62
TS-89A/AP	Voltage Divider	Voltage divider for oscilloscope, 150cps to 5Mc, 200 to 20,000v.	AF: Ltd-Std BS: Alt-Std	7/54 1/62
TS-89B/AP	Voltage Divider	Voltage divider for oscilloscope, 150cps to 5Mc, 200 to 20,000v.	AF: Ltd-Std BS: Alt-Std BWA: Pref	7/59 1/62 3/61
TS-89C/AP	Attenuator Variable	Voltage divider for oscilloscope, 150cps to 5Mc, 200 to 20,000v.	BS: Std	1/62
TS-90/AP	Dummy Load	Dummy load, tests modulations of radars, 500w peak and 5000v.	AF: Ltd-Std BWA: Obs AMC: Obs	11/55 8/61 4/49
TS-90A/AP	Dummy Load	Dummy load, test pulsing circuits, 500w peak 400v.	AF: Ltd-Std BWA: Obs	11/55 8/61
TS-90B/AP	Dummy Load	Dummy load, dc to 2Mc, 400w, 5000v peak.	AF: Std	11/55
TS-92/AP	Amplifier Alignment Unit	Amplifier equipment, align broad band amplifiers, bandwidth .5 and .7Mc, frequency range: 15 to 1000Mc.	AF: Obs	3/59
TS-94/AX	Indicator	Field strength equipment, relative field strength up to 5000Mc. U/W block I and III equipment.	BWA: Obs	8/61



NOMENCLATURE	ITEM NAME	TECHNICAL SPECIFICATIONS & FUNCTION	STATUS	DATE
TS-95/AX	Test Bench	Mechanical equipment, holds units in correct position for optical alignment with projector. U/W block I and III equipment.	BWA: Obs	8/61
TS-96/TPS-1	Test Set	Multitester, 7 ranges-voltage dc 0 to 3 to 0 to 6000v current dc 0 to 60 and 0 to 300uamp, 0 to 3 to 0 to 600ma resistance 0 to 60M $\Omega$ .	AMC: Obs	10/50
TS-97/TPS-1	Pre-Amplifier Pad	Transmission line, artificial 10dbline 50 $\Omega$ impedance for adjusting RF amplifier.	AMC: Std-A	2/49
TS-98/AP	Voltage Divider	Voltage divider, 3 ranges: pulse 800:35v, dc 700:70v; dc 1300:130v.	AF: Obs	4/60
TS-100()/AP	Test Oscillator	Oscilloscope, 3 in A, R, J and X indications sweeps 3, 30, 350 nautical miles on class A and R.	AMC: Obs	4/57
TS-100/AP	Test Oscillator	Oscilloscope, 3 in A, R, J and X indications sweeps 3, 30, 350 nautical miles on class A and R.	AF: Obs BWA: Obs	4/56 10/62
TS-101/AP	Test Load	Radar equipment provides test points for range, altitude, PPI, counts and modulates trigger circuits.	AF: Obs BWA: Obs	4/56 8/61
TS-102()/AP	Range Calibrator	Provides marker pulses at 1500 foot intervals. One output simulates radio transmitting signal and other provides calibrating pulses.	AMC: Std-A	2/49
TS-102/AP	Range Calibrator	Provides marker pulses at 0 to 20v at 1500 foot intervals. One output simulates radio transmitting signal and the other provides calibrating pulses. Pulses are derived from a 327,800cps oscillator.	AF: Obs BS: Obs-nt BWO: Sup.	5/59 1/62 7/63
TS-102A/AP	Range Calibrator	Range calibrator, airborne radar, range markers 0 to 20v every 1500 feet. U/W LAB, HAB, BTO and AGL and radar equipment.	AF: Obs BS: Obs-nt BWA: Obs	5/59 1/62 8/61
TS-102B/AP	Range Calibrator	Range calibrator, marks pulses $\pm$ 20v max. range marks internal 500 yd.	AF: Ltd-Std BWA: Pref	12/56 7/62
TS-104()/TPM-1	Test Unit	General power measurement, contains 200cv variac ac wattmeter and multivibrator.	AMC: Obs	4/57
TS-105()/TPM-1	Dummy Antenna	Dummy load, terminates a 50 $\Omega$ 1-5/8" coaxial line.	AMC: Obs	4/57
TS-106()/TPM-1	Line Monitor Unit	Component, variac.	AMC: Obs	4/57
TS-107()/TPM-1	Wave and Power Meter Set	Frequency meter-wavemeter power measurement, 500 to 1500Mc, measures 0.5mw to 12mw power directly.	AMC: Obs	1/58
TS-107/TPM-1	Wave and Power Meter Set	Frequency meter-wavemeter power measurement, 500 to 1500Mc, measures 0.5mw to 12mw power directly.	AF: Std BS: Alt-Std	6/48 1/62
TS-107A/TPM-1	Wave and Power Meter Set	Frequency meter, power measurement, wavemeter power 0.5 to 120mw, frequency 500 to 1500Mc.	BS: Std	1/62
TS-108()/AP	Radio Frequency Test Load	Dummy load, X-band radars, a section of X-band small size waveguides.	AMC: Std-A	7/56
TS-108/AP	Radio Frequency Test Load	Dummy load, X-band radars, a section of X-band small size waveguides.	AF: Alt-Std	7/46
TS-108A/AP	Radio Frequency Test Load	Dummy load, X-band radars, is section of X-band small size waveguides.	AF: Std BWA: Sup	7/46 10/62
TS-110/AP	Test Set	Echo box test set, 2400 to 2700Mc, portable, hand tuned. Bell Spec. X-66335A.	AF: Obs BWA: Pref	9/56 7/62
TS-111/CP	Wavemeter	Frequency meter, wavemeter, measures S-band frequency.	AF: Obs	5/58
TS-113()/GRM	Test Set	Receivers and transmitter repair equipment, supplies filament and plate voltage to sets under repair 0.15 to 1500v 4 ranges.	AMC: Obs	2/50
TS-114/APS-2F	Resonance Chamber	Used as phantom target for S-band radars.	BWA: Obs	8/61

NOMENCLATURE	ITEM NAME	TECHNICAL SPECIFICATIONS & FUNCTION	STATUS	DATE
TS-115/APS-2F	Test Antenna	Antenna for radar test, 1/2 wave S-band dipole, picks-up and re-radiates energy to tested radar.	BWA: Obs	8/61
TS-117()/GP	Wavemeter Test Set	Frequency calibrator meter, 2400 to 3400Mc 50 scale div 0 to 50dc $\mu$ a meter; 100 to 1000 $\mu$ w power range.	BWO: Pref	7/63
TS-117/GP	Wavemeter Test Set	Frequency calibrator meter, wavemeter 2400 to 3400Mc 50 scale div 0 to 50dc $\mu$ a meter; 100 to 1000 $\mu$ w power range.	AF: Std BS: Std BWA: Pref AMC: Std-A	1/52 1/62 3/61 1/46
TS-118/AP	Radio Frequency Wattmeter	Power measurement, measures 2w and 500w over frequency range 20Mc to 750Mc.	AF: Ltd-Std	10/56
TS-118A/AP	Radio Frequency Wattmeter	Power measurement, CW, FM, AM, power, on in- ductively coupled high frequency radio transmitters; frequency radio transmitters; frequency range: 20 to 1400Mc, power range: 2 to 500w.	AF: Std	10/56
TS-120/UP	Test Set	Signal generator, frequency meter, wattmeter, 9300 to 9450Mc.	AF: Obs BWA: Obs	5/60 8/61
TS-122/ARM	Test Bench	Complete check, simulates operating conditions of Sig Corps communication equipment.	AMC: Obs	5/58
TS-125()/AP	Power Meter	Power measurement thermistor bridge type, 2400 to 3335Mc 0 to 2mw direct up to 4w using attenuators.	AMC: Std-A	1/46
TS-125/AP	Power Meter	Power measurement thermistor bridge type, 2400 to 3335Mc 0 to 2mw direct up to 4w using attenuators.	AF: Std BS: Std	1/48 1/62
TS-126/AP	Range Calibrator	Has a type scope with 2 triggered sweeps, a mul- tiple pulse generator and a single pulse generator. Single pulse may be phased so as to permit 400 yard check on tracking.	AF: Obs	4/56
TS-127/UR	Frequency Meter	Frequency measurement 375 to 725Mc.	BWA: Obs	8/61
TS-128/UP	Signal Generator	Signal generator, CW, 900 to 1500Mc, used as calibrated attenuator, LF square wave for scope calibration.	AF: Obs	6/55
TS-129/UP	Test Antenna	Pick up antenna, small RF energies to test purposes, L-2 band.	AF: Std AMC: Std-A	9/47 2/49
TS-130()/UP	Standing Wave Meter	Standing wave measurement, detects and measures VSWR on lines in Mark xx radar, L-band.	AMC: Std-A	2/49
TS-130/UP	Standing Wave Meter	Standing wave measurement, detects and measures VSWR on lines in Mark xx radar, L-band.	AF: Ltd-Std	1/51
TS-130A/U	Standing Wave Meter	Standing wave equipment, 400 to 3000Mc. 52 $\Omega$ . For use with 1.625" coaxial RF lines. Includes IM-34/U slotted line.	AF: Std	1/51
TS-131()/AP	Pick-up Assembly	Monitor transmitters allows output meter, plug in, to measure max output.	AMC: Std-A	2/55
TS-131/AP	Pick-up Assembly	Monitor transmitters allows output meter, plug in, to measure max output.	AF: Obs	4/56
TS-131A/AP	Pick-up Assembly	Monitor transmitters allows output meter, plug in, to measure max output.	AF: Obs	4/56
TS-132/TPS-1	Meter Kit	Voltage and frequency measurement of line. (0 to 150v $\pm$ 2%) 380 to 420cps).	AF: Alt-Std	6/49
TS-132A/TPS-1	Meter Kit	Measures line voltage (0 to 50v) and frequency (380 to 420cps)	AF: Std	6/49
TS-137/FSM-1	Crystal Test Set	Tests crystals from Radio Transmitter BC-645-(). Includes oscillator and power supply.	AMC: Obs	11/60
TS-139/FSM-1	Crystal Test Set	Crystal test equipment, contains oscillator amplifier and power supply for testing crystals in Radio Trans- mitters BC-654-().	AMC: Obs	11/60
TS-140()/PCM	Test Set	Telephone test equipment, makes transmission meas- urements on voice frequency 200 to 35,000cps. U/W various SigC transmission lines.	AMC: Std-A	12/48

NOMENCLATURE	ITEM NAME	TECHNICAL SPECIFICATIONS & FUNCTION	STATUS	DATE
TS-140/PCM	Test Set	Telephone test equipment, makes transmission measurements on voice frequency 200 to 35,000cps. U/W various SigC transmission lines.	AF: Std	4/51
TS-142/APG	Calibrator	Range rate, used to calibrate. Puts out 0 to +50v, 0.5 to 0.75Usec pulse plus 400 to 2500pps sync signal.	AF: Alt-Std	6/47
TS-142A/APG	Calibrator	Range-rate calibrator. Same description as TS-142/APG. Minor circuitry changes have been affected.	AF: Std	6/47
TS-144()/TRC-6	Wavemeter	Signal generator, radar equipment, provides FM or CW signals of known power and frequency. Cancelled 15 May 1947.	AMC: Obs	2/57
TS-145()/TRC-6	Waveguide Kit	Consists of choke and flange connector, choke adapter, wavemeter pickup assembly, an 8 or 10db attenuator, and a thermistor (variable) assembly. Used with bridge for power measurements and with wavemeter for frequency measurements (4300 to 4900Mc).	AMC: Obs	2/57
TS-146/UR	Test Set	Radar equipment, signal generator, provides FM or CW signals for XL and XS band radars. Measures transmitter power and frequency and receiver sensitivity. Includes sawtooth generator.	BWA: Obs	8/61
TS-147/UP	Test Set	Radar equipment, signal generator, provides FM or CW signals for XL and XS band radars. Measures transmitter power and frequency and receiver sensitivity. Includes sawtooth generator.(ER)	AF: Ltd-Std BS: Ltd-Std BWA: Sup AMC: Std-A	1/50 1/62 10/63 11/58
TS-147A/UP	Test Set	Signal generator, provides FM or CW signals for XL and XS band (8500 to 9600Mc).	AF: Ltd-Std BS: Ltd-Std BWA: Sup	2/54 1/62 10/63
TS-147B/UP	Test Set	FM or CW signals for testing beacon equipment and radar systems: 80500 and 9600Mc. Includes triggered sawtooth sweep generator: 0 to 6Mc rate. FM deviation: 0 to 60Mc.	AF: Ltd-Std BS: Ltd-Std BWA: Sup AMC: Std-A	12/54 1/62 10/63 9/60
TS-147C/UP	Signal General	Radar equipment for testing beacon equipment and radar systems 8500 to 9600Mc. $\pm 2.5$ Mc FM deviation: 0 to 60Mc; sweep rate: 0 to 60Mc.(ER)	BS: Alt-Std	1/62
TS-147D/UP	Test Set	Measures radar transmitter power and frequency, receiver bandwidth, sensitivity, recovery time, performance tests on TR box, AFC systems, rotating joints. Include signal generator 8500 to 9600Mc, frequency meter, power meter. Improved version of TS-147()/UP.(ER)	AF: Ltd-Std BS: Std BWA: Sup BWO: Pref SC: Std-A	3/57 1/62 10/62 7/63 9/60
TS-148()/UP	Spectrum Analyzer	Spectrum analyzer, visual display (CRT) of spectrum of pulsed oscillators in X-band radars 8470 to 9630Mc. May be used for VSWR measurements.	AMC: Std-A	2/48
TS-148/UP	Spectrum Analyzer	Visual display (CRT) of spectrum of pulsed oscillators in X-band radars: 8470 to 9630Mc. May be used for VSWR measurements.	BS: Ltd-Std BWA: D BWO: Sup	1/62 7/63
TS-148A/UR	Spectrum Analyzer	Spectrum analyzer, visual display (CRT) of spectrum of pulsed oscillators in X-band radars 8470 to 9630Mc. May be used for VSWR measurements.	BWA: Obs	8/61
TS-149()/TRC-6	Oscilloscope	Oscilloscope, 3" screen; .3v/in in minimum vertical sensitivity, 300v/in; 8000 cycles.	AMC: Obs	2/57
TS-151/FSM-1	Crystal Test Set	Tests crystals used in radio set. Consists of an oscillator with self contained VR power supply.	AMC: Std-C	8/49
TS-153/AP	Field Intensity Meter	67.2 to 72.2Mc. Provides no amplification. Similar to I-95-AM. Includes antenna. Uses 0 to 1ma meter with diode rectifier and tuned circuit to measure transmitter's field strength.	BWA: Obs	8/61
TS-154/CRW-2	Test Box	Receiving equipment test, tests relay equipment.	AF: Obs	4/59
TS-155()/UP	Signal Generator	Power measurement in this range for pulsed transmitter, pulse modulated: 2700 to 2900Mc.	BWO: Pref AMC: Std-A	7/63 1/46
TS-155/UP	Signal Generator	Signal generator, power measurement in this range for pulsed transmitter, pulse modulated 2700 to 2900Mc.	BS: Obs-nt BWA: Obs	1/62 8/61



NOMENCLATURE	ITEM NAME	TECHNICAL SPECIFICATIONS & FUNCTION	STATUS	DATE
TS-155A/UP	Signal Generator	2.7 to 2.9Mc $\pm$ 3db. Output indicator calibrated in db above lmw. Internal pulse modulation. Pulse is variable in width and repetition rate. Includes antenna and other necessities. Measures average power of pulsed xmitter and receiver sensitivity.	BS: Obs-nt	1/62
TS-155B/UP	Signal Generator	Signal generator, power measurement in this range for pulsed transmitter, pulse modulated 2700 to 2900Mc.	BS: Obs-nt BWA: Obs	1/62 8/61
TS-155C/UP	Signal Generator	Frequency range 2700 to 3400Mc in 3 bands. Pulse modulated 120 to 2000cps. Includes cables, adapters, and antenna. Several circuitry changes have been included which differentiates it from TS-155()/UP. External pulsing also permitted.	AF: Std BS: Alt-Std BWA: Obs	2/50 1/62 8/61
TS-155D/UP	Signal Generator	Signal generator, power measurement range 3 bands 2700 to 3400Mc. Cancelled 26 January 1949.	BS: Ltd-Std	1/62
TS-155E/UP	Signal Generator	Signal generator for checking various radars in 2700 to 3400Mc range. Output: -20 to -100dbm; Z: 500 $\Omega$ . Modulation: 80 to 26,000pps. Interchangeable with previous versions.	BS: Std	1/62
TS-159()/TPX	Test Set	Contains tunable oscillation detector (150 to 2000Mc), audio amplifier, 10Mc crystal oscillator, harmonic generator, 30Mc output circuit for IF amplifier alignment, metered dummy load for peak RF power indication in 50 $\Omega$ load and a dc meter which also reads currents and voltages in transmitter and receiver.	AMC: Obs	4/57
TS-160/ASQ-2	Test Set	Signal simulator, simulates output of 2 detector units.	BWA: Obs	8/61
TS-170/ARN-5	Test Oscillator	Test Oscillator, 3 freq. 332.6, 333.8, 335.0Mc modulated 90 or 150cps, test glide path receivers.	AF: Obs BWA: Obs	4/57 8/61
TS-172()/UP	Test Set	Echo box, L2 band, moving diaphragm adjustment.	AMC: Std-A	2/49
TS-172/UP	Test Set	Echo box, L2 band, moving diaphragm adjustment.	AF: Ltd-Std BS: Alt-Std BWA: Alt-Std	2/49 9/62 1/62
TS-172A/UP	Test Set	Echo box, 1215 to 1370Mc peak power out 500kw, added a pressure relief valve. (ER)	BS: Std	1/62
TS-173/UR	Frequency Meter	Frequency measurement range 90 to 450Mc, heterodyne type with crystal calibrator and modulator.	BS: Obs BWA: Obs	1/62 8/61
TS-174()/U	Frequency Meter	Frequency measurement, 20 to 250Mc range, 20 to 40Mc fundamental; 40 to 250Mc harmonics.	AF: Obs AMC: Obs	10/59 7/60
TS-174/U	Frequency Meter	Frequency measurement, 20 to 250Mc range, 20 to 40Mc fundamental; 40 to 250Mc harmonics.	BS: Ltd-Std BWA: Obs	9/62 8/61
TS-175()/U	Frequency Meter	Frequency measurement, 85 to 1000Mc; fundamental 85 to 220Mc, general purpose squadron use.	AMC: Obs	7/60
TS-175/U	Frequency Meter	Frequency measurement, 85 to 1000Mc; fundamental 85 to 220Mc, general purpose squadron use.	AF: Obs BS: Std BWA: Obs	10/59 12/62 8/61
TS-175A/U	Frequency Meter	Frequency measurement, 85 to 1000Mc; fundamental 85 to 200Mc, general purpose squadron use.	AF: Obs	10/59
TS-178/ARM-1	Test Unit	Transmitter receiver, alignment to measure grid currents and voltages of Radio Transmitter T-67()/ARC-3 and Radio Receiver R-77()/ARC-3.	BWA: Obs	8/61
TS-182/UP	Test Set	Receiver and transmitter performance checks receiver sensitivity, transmitter power output and rough frequency check; scope can be used as general purpose to check IFF equipment. Cancelled 25 November 1946.	BS: Ltd-Std BWA: Obs AMC: Canc	1/62 8/61 11/46
TS-183/U	Battery Tester	Battery serviceability check, has voltmeter 0 to 5/50/200vdc.	BS: Alt-Std AMC: Std-A	1/62 11/44
TS-183A/U	Battery Tester	Battery serviceability check, has voltmeter 0 to 5/50/200vdc.	BS: Alt-Std	1/62
TS-183B/U	Battery Tester	Battery serviceability check, has voltmeter 0 to 5/50/200vdc.	AF: Std BS: Std	1/62 1/62

NOMENCLATURE	ITEM NAME	TECHNICAL SPECIFICATIONS & FUNCTION	STATUS	DATE
TS-184/AP	Test Set	Frequency measurement, tuned cavity 410 to 470Mc, measured every 0.5Mc.	AF: Obs	6/60
TS-184A/AP	Test Set	Frequency measurement, tuned cavity 410 to 470Mc, measured every 0.5Mc.	AF: Ltd-Std	3/53
TS-186()/UP	Frequency Meter	Frequency measurement 500 to 1200Mc, heterodyne type, check X-band receivers from 100Mc through X-band.	AMC: Std-A	10/55
TS-186/UP	Frequency Meter	Frequency measurement 500 to 1200Mc, heterodyne type, check X-band receivers from 100Mc through X-band.	BS: Ltd-Std	1/62
TS-186A/UP	Frequency Meter	Frequency measurement 500 to 1250Mc, one continuous band.	AF: Ltd-Std BS: Ltd-Std	10/50 1/62
TS-186B/UP	Frequency Meter	Frequency measurement 500 to 1250Mc, one continuous band.	AF: Alt-Std BS: Ltd-Std	5/55 1/62
TS-186C/UP	Frequency Meter	Frequency measurement 500 to 1250Mc, one continuous band.	AF: Alt-Std BS: Alt-Std	5/55 1/62
TS-186D/UP	Frequency Meter	Frequency measurement 500 to 1250Mc, one continuous band. (ER)	AF: Std BS: Alt-Std BWA: Pref	5/55 1/62 7/62
TS-186E/UP	Frequency Meter	Range 500 to 1250Mc in 1 band, accurate to 0.01%. Uses resonant cavity type oscillator (heterodyne) which is different from that used in TS-186D/UP.	BS: Std	1/62
TS-188/APS-4	Test Bench	Mechanical equipment, provides mounting of radio sets for service.	BWA: Obs	8/61
TS-189/U	Test Set	Test oscillator, pulse frequency 270Mc, can operate on second harmonic, PRF 3150, 2750, 1875 and 450 pulses/sec.	AF: Obs BWA: Obs	4/59 8/61
TS-190/U	Test Set	Receiver, used for depot carrier equipment maintenance.	AF: Std AMC: Std-A	1/52 10/44
TS-191/UP	Test Set	Frequency measurement, signal generator and power measurement, 8990 to 9170Mc, 100 $\mu$ w peak power output.	BWA: Obs	8/61
TS-193()/CPM-4	Dummy Transmit-Receive Box	Receiver test equipment, has input for signal generator, similar to TR unit.	AMC: Obs	4/57
TS-193/CPM-4	Dummy Transmit-Receive Box	Receiver test equipment, has input for signal generator, similar to TR unit.	AF: Ltd-Std	9/51
TS-193A/CPM-4	Dummy Transmit-Receive Box	Receiver test equipment, has input for signal generator, similar to TR unit.	AF: Ltd-Std	9/51
TS-193B/CPM-4	Dummy Transmit-Receive Box	Receiver test equipment, has input for signal generator, similar to TR unit.	AF: Alt-Std	9/51
TS-195/GP	Noise Generator	Noise generator for receiver test, uses diode noise source.	AF: Obs	4/59
TS-196/CPM-4	Radio Frequency Bridge	Power measurement, RF bridge and to calibrate signal generator, uses thermistor probe TS-194/CPM-4.	AF: Obs	12/60
TS-197/CPM-4	Signal Generator	Signal generator for RF power, uses oscillator and built-in thermistor bridge.	AF: Obs	4/59
TS-197/CPM-4	Signal Generator	Signal generator for RF power, uses oscillator and built-in thermistor bridge.	AF: Obs	4/59
TS-199/CPM-4	Test Meter	Ammeter, 0 to 1.0ma full scale, 0 to 5ma full scale on multiplier switch.	AF: Obs	4/59
TS-200/CPM-4	Detector	Detector, used to replace 2nd detector diode in receiver and measure dc output current.	AF: Std	5/52
TS-202/U	Signal Generator	Signal generator, 10 to 1200Mc, produces harmonics of 5Mc crystal oscillator spaced 10Mc and 40Mc.	BS: Ltd-Std BWA: Obs	1/62 8/61
TS-202A/UP	Signal Generator	Signal generator, 10 to 1500Mc $\pm$ 0.02% 2 bands, 10Mc with harmonics to 1000Mc, 40Mc with harmonics to 1500Mc. Crystal controlled.	BS: Std	1/62

NOMENCLATURE	ITEM NAME	TECHNICAL SPECIFICATIONS & FUNCTION	STATUS	DATE
TS-203/AP	Test Indicator	Selsyn unit, with calibration to put selsyn motor thru 30°.	AF: Std	7/46
TS-204/AP	Reflectometer	Checks efficiency of antenna circuits of Radio Set AN/APS-13 by giving indication of reflection factor.	AF: Obs	9/59
TS-206/AR	Radio Frequency Wattmeter	Power measurement, 300 to 1000w up to 60Mc contains dummy antenna load.	AF: Obs BWA: Obs	2/63 8/61
TS-207/UP	Echo Box	Used as an overall systems indicator for "S" Band.	BS: Ltd-Std AMC: Std-A	1/62 1/46
TS-208/MPM	Dummy Antenna	Contains connector with 47 $\Omega$ , 1w resistor. Used to align Radio Receiver and Transmitter BC-1267-A.	AMC: Std-A	1/46
TS-210/MPM	Test Antenna	Test antenna, for alignment of radio receiver and transmitter.	AMC: Std-A	1/46
TS-211/UPM-2	Frequency Meter	Frequency measurement-wavemeter, 75 to 400Mc absorption type.	AMC: Std-A	11/60
TS-212/UPM-2	Frequency Meter	Frequency measurement-wavemeter, 350 to 1250Mc absorption type.	AMC: Std-A	11/60
TS-215/AP	Phasing Analyzer	Selsyn test equipment, for phasing selsyn control systems, a volt-ohmmeter 0 to 300/600vac 0 to 50/150/500vdc and 1000 and 10,000 $\Omega$ scale.	AF: Obs	9/59
TS-216()/TPL-1	Test Set	Provides all plugs, switches, relays, meters, protective devices and cross connections necessary for testing principal components of the radar set, either singly or in combination.	AMC: Obs	6/54
TS-218/UP	Echo Box	8920 to 9250Mc; decay 4.5 to 6db per $\mu$ sec. Includes pickup dipole antenna.	AF: Ltd-Std BS: Ltd-Std BWA: Obs	3/47 1/62 8/61
TS-218A/UP	Echo Box	Echo box 8920 to 9250Mc, includes pick-up antenna AT-68/UP.	AF: Obs BS: Ltd-Std BWA: Obs	4/59 1/62 8/61
TS-220/TSM	Standard Oscillator	Standard oscillator-crystal testing has self contained power unit. Tests activity and frequency of crystals used in various Signal Corps transmitters and receivers.	AMC: Std-C	8/49
TS-221/TSM	Standard Oscillator	Standard oscillator, crystal testing, 200 to 1200kc, used on crystal units CR-2/U, 3/U, 4/U.	AF: Std AMC: Std-A	1/53 8/49
TS-222/MPM-1	Voltage Divider	Voltage divider used to measure high voltage on low voltage meters, max. input 12,000vdc 10 to 1 and 100 to 1 ratios.	AF: Obs	3/61
TS-223()/AP	Test Set	Frequency, power, measurements and alignment of radar "K" band equipment.	AMC: Obs	4/49
TS-223/AP	Test Set	Frequency, power, measurements and alignment of radar "K" band equipment.	BWA: Obs	8/61
TS-225/MPN-1	Echo Box	Operates in "X" band. Measures relative power.	AF: Obs	4/59
TS-226/AP	Power Meter	Power measurement, to 2 $\pm$ db of peak power, provision for oscilloscope observation and built in calibration.	AF: Obs	8/59
TS-226A/AP	Power Meter	Power measurement, measures peak power to $\pm$ 2db, provides oscilloscope signal observation. Same description as TS-226/AP 10db attenuator added.	AF: Obs	8/59
TS-230/AP	Frequency Power Meter	Frequency measurement, power measurement, power levels CW or pulse, 0.1 to 1000mw frequency $\pm$ 3Mc, max. error 0.5Mc in 60Mc, X-band.	AF: Ltd-Std BS: Ltd-Std	6/57 1/62
TS-230A/AP	Frequency Power Meter	Frequency measurement, power measurement, power levels CW or pulse, 0.1 to 1000mw frequency $\pm$ 3Mc, max. error 0.5Mc in 60Mc, X-band.	BS: Ltd-Std	1/62
TS-230B/AP	Frequency Power Meter	Frequency measurement, power measurement, power levels CW or pulse, 0.1 to 1000mw frequency $\pm$ 3Mc, max. error 0.5Mc in 60Mc, X-band.	AF: Obs BS: Ltd-Std	3/62 1/62



NOMENCLATURE	ITEM NAME	TECHNICAL SPECIFICATIONS & FUNCTION	STATUS	DATE
TS-230C/AP	Frequency Power Meter	Frequency-power measurement 8500 to 9700Mc, 0.1 to 1000mw, 1200 dial divisions. (ER)	AF: Std BS: Alt-Std	6/57 12/62
TS-230D/AP	Frequency Power Meter	Frequency-power measurement 8500 to 9700Mc, 0.1 1000mw, 1200 dial divisions.	BS: Std	1/62
TS-230E/AP	Frequency Power Meter		BS: Ltd-Std	12/62
TS-231/AP	Dummy Antenna	Dummy load, 175kw peak, 200w nominal, 2600 to 9600Mc.	BS: Ltd-Std BWA: Obs AMC: Obs	1/62 1/62 5/51
TS-231A/AP	Dummy Antenna	175kw peak, 200w nominal, 2600 to 9600Mc peak voltage of 7000v.	BS: Alt-Std	11/63
TS-233/TPN-2	Test Set	Consists of a signal generator, frequency meter, and high voltage power supply. Testing frequencies cover 214, 219, 224, 229, and 234Mc.	AF: Std	9.47
TS-234()/UP	Dummy Load	Dummy load, 2Mc range, absorbs 1800w at 5000v peak, acts as 50 to 1 voltage divider.	AMC: Std-A	2/49
TS-234/UP	Dummy Load	Dummy load, 2Mc range, absorbs 1800w at 5000v peak, acts as 50 to 1 voltage divider.	AF: Ltd-Std	7/51
TS-234A/UP	Dummy Load	Dummy load, absorbs 1275w at 8000v peak voltage, 100 to 1 voltage divider at frequency range of 2Mc. Cancelled 29 January 1951.	AF: Alt-Std	7/51
TS-235()/UP	Dummy Antenna	Dummy terminates 50Ω 1-5/8" coax line. 500 to 1500Mc frequency range. Absorbs 1kw.	AMC: Std-A	1/60
TS-235/UP	Dummy Antenna	Dummy load, terminates 50Ω 1-5/8 coax line, 500 to 1500Mc frequency range. Absorbs 1kw.	AF: Std	5/50
TS-237()/TRC-8	Test Oscillator	Frequency standard, crystal controlled, fundamental 5Mc w/harmonics every 5Mc apart in 230 to 250Mc band.	AMC: Std-B	2/61
TS-237/TRC-8	Test Oscillator	Frequency standard, crystal controlled, fundamental 5Mc w/harmonics every 5Mc apart in 230 to 250Mc band.	AF: Std	1/52
TS-239()/UP	Oscilloscope	10cps to 10Mc, 0.1 to 100v/6". Pulse rise time is 0.08μsec. Sweep: 0.5 to 50,000μsec per inch. Timing pulses: 0.2/1/10/100 and 500μsec available. Input Z: 0.3MΩ/25μf. Provides type A sweep and 300/800 and 2000pps.	AMC: Obs	1/58
TS-239/UP	Oscilloscope	10cps to 10Mc, 0.1 to 100v/6". Pulse rise time is 0.8μsec. Sweep: 0.5 to 50,000μsec per inch. Timing pulses: 0.2/1/10/100 and 500μsec available. Input Z: 0.3MΩ/25μf. Provides type A sweep and 300/800 and 2000pps.	AF: Ltd-Std BS: Obs BWA: Sup	1/52 1/62 10/62
TS-239A/UP	Oscilloscope	Oscilloscope, 10cps to 5Mc range. A scope presentation, 3" screen, portable general purpose, pulse rep. rate 5000pps positive and negative.	AF: Ltd-Std BS: Obs BWA: Obs	1/52 1/62 8/62
TS-240/FRC	Frequency Standard	Frequency standard, secondary adjustable output at 10/25/100/1000kc; 800cps modulator.	AF: Obs	3/62
TS-247/APM-48	Wavemeter	Frequency measurement-wavemeter, frequency range 215 to 275Mc, 2v peak for 20% meter deflection.	AF: Ltd-Std BS: Std	4/55 1/62
TS-247A/APM-48	Wavemeter	Frequency measurement-wavemeter, frequency range 215 to 275Mc, 2v peak for 20% meter deflection.	AF: Std	4/55
TS-251()/UP	Test Set	Receiver testing, Loran, checks each basic recurrence rate.	AMC: Std-A	12/49
TS-251/UP	Test Set	Receiver testing, Loran, checks each basic recurrence rate.	AF: Ltd-Std BS: Ltd-Std	10/52 1/62
TS-252/AP	Test Oscillator	1000 to 3000Mc; usable beyond 3000Mc on harmonics. Modulation: internal pulse, 1000cps, 0.2μsec width. Sensitivity greater than 0.1mv. Output: 2 to 20mw.	AF: Obs	5/55
TS-253/AP	Dummy Load	Dummy load, terminates FG-53/U or RG-66/U, 23,520 to 24,480Mc 35w average, 60kw peak power.	AMC: Obs	4/49
TS-254()/AP	Power Meter	Power measurement, K-band uses thermistor and bridge circuit.	AMC: Obs	4/49
TS-255/AP	Echo Box	Echo box-performance test of K-band radars.	AF: Obs BWA: Pref	4/56 3/61

NOMENCLATURE	ITEM NAME	TECHNICAL SPECIFICATIONS & FUNCTION	STATUS	DATE
TS-257/ARW	Test Set	Radio test equipment, contains multitester 0 to 5/10/50/100/300vdc and 0 to 30/15/0.2ma, 0 to 50,000 $\Omega$ , checks relay operation. 0.2/15/30ma.	AF: Ltd-Std	8/54
TS-257A/ARW	Test Set	Radio test equipment, contains multitester 0 to 5/10/50/100/300vdc and 0.2/15/30ma, 0 to 50,000 $\Omega$ , checks relay operation.	AF: Std	8/54
TS-259/AP	Signal Generator	FM: K-band; internal frequency modulation. Frequency 1.25cm $\pm$ 2%. Output calibrated in milliwatts and dbm. Measures frequency power, receiver sensitivity, TR recovery time and AFC operation.	AF: Obs	4/63
TS-264/MPG-1	Dummy Load	Dummy load, to test Modulator MD-36()/MPG-1.	AMC: Obs	8/60
TS-265()/UP	Electrical Instrument Multiplier	Voltage divider, 100 to 1 for 5000 to 50,000v, 10 to 1 up to 5000v for viewing pulses on synchroscope.	BWO: Pref AMC: Std-A	7/63 8/60
TS-265/UP	Electrical Instrument Multiplier	Voltage divider, 100 to 1 for 5000 to 50,000v, 10 to 1 up to 5000v, for viewing pulses on synchroscope.	BS: Std	1/62
TS-267()/MPG-1	Dummy Load	Dummy load, for testing X-band magnetrons.	AMC: Obs	4/57
TS-268()/U	Crystal Rectifier Test Set	Checks crystal rectifiers in the X and S band.	BWO: Pref AMC: Std-A	7/63 5/48
TS-268/U	Crystal Rectifier Test Set	Crystal test equipment, to check crystal rectifiers in the X and S band.	BS: Ltd-Std	1/62
TS-268A/U	Crystal Rectifier Test Set	Crystal test equipment, to check crystal rectifiers in the X and S band.	BS: Ltd-Std	1/62
TS-268B/U	Crystal Rectifier Test Set	Crystal test equipment, to check crystal rectifiers in the X and S band.	AF: Ltd-Std BS: Ltd-Std	4/56 1/62
TS-268C/U	Crystal Rectifier Test Set	Crystal test equipment, to check crystal rectifiers in the X and S band.	AF: Ltd-Std BS: Ltd-Std	4/56 1/62
TS-268D/U	Crystal Rectifier Test Set	Crystal test equipment, to check crystal rectifiers in the X and S band.	AF: Ltd-Std BS: Alt-Std	4/56 1/62
TS-268E/U	Crystal Rectifier Test Set	Crystal test equipment, to check crystal rectifiers in the X and S band.	AF: Std BS: Std BWA: Sup	4/56 1/61 10/62
TS-269()/UR	Test Set	Impedance measuring, substitution method, for LF use. RF power required external 10w (max), 0 to 200 $\Omega$ .	AMC: Obs	4/57
TS-269A/UR	Test Set	Impedance measuring, substitution method, for LF use, RF power required external 10w (max). 0 to 200 $\Omega$ .	AMC: Obs	4/57
TS-270/UP	Echo Box	Echo box, cavity tuned, 2700 to 2900Mc for alignment of radar and relative power measurements.	BS: Ltd-Std	1/62
TS-270A/UP	Echo Box	Echo box to check overall performance of microwave radar sets in Sg band.	BS: Ltd-Std AMC: Std-A	1/62 2/60
TS-270B/UP	Echo Box	Echo box, cavity tuned, 2700 to 2900Mc, for use with radars in 2630 to 2970Mc range.	AF: Std BS: Std BWA: Pref AMC: Std-A	1/52 1/62 3/61 2/60
TS-275/UP	Echo Box	Echo box, resonant chamber, for alignment use of rotative frequency measurements in S sub W band.	BS: Std	1/62
TS-278/AP	Test Set	Radar test equipment, consists of signal generator pulse modulated (410 to 420Mc) and frequency meter, for checking gate characteristics.	AF: Obs	4/59
TS-279/UPM	Dummy Load	Dummy load, to replace magnetron during modulator check, 2700 to 2900Mc, 160w continuous, 1600w for 5 seconds.	AMC: Obs	6/54

NOMENCLATURE	ITEM NAME	TECHNICAL SPECIFICATIONS & FUNCTION	STATUS	DATE
TS-280()/TPS-3	Echo Box	Contains a resonant chamber designed for operation at 800Mc, also contains a probe and cable.	AMC: Obs	4/57
TS-282()/TRC-5	Oscilloscope	Classified.	AMC: Std-C	1/51
TS-283()/TRC-5	Antenna Test Set	Ammeter, for antenna orientation, 0 to 1ma.	AMC: Obs	4/57
TS-284()/UR	Test Set	RF signal generator: 385 to 421Mc $\pm 5\%$ , 19Mc fixed crystal calibrated. Modulation: CW, RF and FM pulse. Output: 10mw min with 600 $\Omega$ load. For alignment of receivers and direction finders and detection and measurement of signal frequencies.	AMC: Obs	8/56
TS-285()/GP	Frequency Meter	Frequency measurement, battery operated, 90 to 250Mc.	AMC: Std-C	3/46
TS-286()/TRC-5	Test Panel	Telephone test equipment, contains 20cps ringing oscillator, 1000 cycle test oscillator, audio level meter and battery power supply.	AMC: Std-C	1/51
TS-287()/GM	Battery Tester	Battery tester, voltmeter 0 to 7.5 and 0 to 150vdc with resistance load for testing radiosonde batteries.	AMC: Std-A	11/44
TS-287()/UPA-1	Dummy Load	Dummy load, used to balance out resistance of cable to Synchronoscope TS-28/UPN.	AMC: Std-A	8/60
TS-290()/U	Multitester	Multitester, portable 5000 $\Omega$ /v, 0 to 2M $\Omega$ resistance; ac range: 0 to 600v, dc range: 0 to 1500v, 0 to 50ma.	AMC: Obs	8/56
TS-294()/U	Volt Ohmmeter	Multitester volt ohmmeter, 5 ranges; 10/30/100/300/1000vac, 6 ranges; 3/10/30/100/300/1000vdc, 6 steps. 0.1 $\Omega$ to 1000M $\Omega$ .	AMC: Std-C	4/49
TS-294/U	Volt Ohmmeter	Multitester volt ohmmeter, 5 ranges; 10/30/100/300/1000vac, 6 ranges; 3/10/30/100/300/1000vdc, 6 steps. 0.1 $\Omega$ to 1000M $\Omega$ .	BWA: Obs	8/61
TS-295/UP	Frequency-Power Meter	Used to measure frequency and power of CW and pulsed signals in the S Sub W frequency range. Similar to TS-3/AP and TS-3A/AP except for frequency range.(ER)	BS: Ltd-Std	1/62
TS-295A/UP	Frequency-Power Meter	Frequency and power measurement, frequency range: 3400 to 3900Mc; 1 band, 12.5mw averages power extended to 5 to 125mw with cord CG-258/U.	BS: Alt-Std	1/62
TS-295B/UP	Radar Test Set	Frequency and power measurements, frequency range: 3400 to 3900Mc; 0.5 to 12.5mw, with attenuators. 5 to 250mw.	BS: Std	1/62
TS-297()/U	Multitester	Multitester-voltohmmilliammeter, portable, ac, dc; 0 to 1500vac, dc; (dc)ma range: 0 to 150ma, 0 to 100,000 $\Omega$ .	AMC: Std-C	9/56
TS-297(XC)/U	Multitester	Cancelled.	AMC: Canc	3/59
TS-297/U	Multitester	Multitester-voltohmmilliammeter, portable, ac, dc; 0 to 1500vac, dc; (dc)ma range: 0 to 150ma, 0 to 100,000 $\Omega$ .	AF: Std BWA: Obs	1/52 8/61
TS-300/CRD-3	Signal Generator	0.1 to 2Mc in 4 bands. Acts as target transmitter and simplified signal generator.	AMC: Std-A	4/49
TS-303()/G	Test Set	Radio maintenance, signal tracer 95 to 1700kc, to close eye 50 $\mu$ v, audio frequency: 150 to 50,000cps.	AMC: Obs	4/54
TS-305/UP	Power Meter	Power measurement: 0 to 1000w peak, frequency range: 215 to 330Mc.	AF: Ltd-Std BS: Ltd-Std	12/52 1/62
TS-305A/UP	Power Meter	Power measurement: 0 to 1000w peak, frequency range: 220 to 320Mc.	AF: Ltd-Std	8/55
TS-305B/UP	Power Meter	Power measurement: 0 to 1000w peak, frequency range: 220 to 320Mc.	AF: Ltd-Std BS: Alt-Std	9/55 1/62
TS-305C/UP	Power Meter	Power measurement: 0 to 1000w peak, frequency range: 220 to 320Mc.	AF: Ltd-Std BS: Std	8/58 1/62
TS-305D/UP	Wattmeter	To measure peak RF power in the 220 to 320Mc in 6 steps; range: 0 to 50kw prf from 620 to 9300cps. Input Z: 52 $\Omega$ . Completely interchangeable with TS-305C/UP but better regulated VTVM supply.	AF: Std	8/58



NOMENCLATURE	ITEM NAME	TECHNICAL SPECIFICATIONS & FUNCTION	STATUS	DATE
TS-306/ARW	Test Set	Radio equipment, monitor, FM, AF range: 300 to 6230cps 10 channels, RF range: 30 to 75Mc and 132 to 140Mc for adjusting oscillator circuits.	BS: Obs	10/62
TS-307/ARW	Dummy Load	Dummy load, power measurement: 0 to 50w frequency range: 30 to 75Mc, 50Ω.	BS: Obs BWA: Obs	10/62 8/61
TS-308()/U	Frequency Standard	Secondary, using temperature controlled 100kc crystal, gives 10/50 and 100kc.	AMC: Std-A	11/60
TS-309/U	Sweep Generator	Sweep generator, for use with scope in alignment of wide band amp. (500kc or wider at 70% response). Frequency range: 5 to 65Mc.	AF: Obs BS: Obs-nt BWA: Obs	5/59 1/62 8/61
TS-311/UP	Echo Box	Echo box, for alignment and making rotative frequency measurements over X sub L band.	BS: Obs-nt	1/62
TS-311A/UP	Echo Box	Echo box, for alignment and making rotative frequency measurements over X sub L band.	BS: Alt-Std	1/62
TS-311B/UP	Echo Box	8730 to 8910Mc frequency range. Input tuned for ringtime, frequency, spectrum analysis, input un-tuned for power indication, meter sensitivity. 180° graduated scale.	BS: Std	1/62
TS-312()/U	Audio Oscillator	Checks beat frequency between crystal and secondary standard 20cps to 200kc.	AMC: Std-A	11/60
TS-313/U	Test Set	Multitester battery and condensor leakage tester and tube checker, tube checker indicates good-band, 7dc; ranges: 6 to 2500v, 5ac; range: 0 to 1000v, .1 to 10a, 0 to 20kΩ.	BWA: Obs	8/61
TS-314()/FSM-1	Crystal Test Set	Crystal equipment, used to test crystals during hand finishing (0 to 10Mc) by comparison with standard.	AMC: Obs	11/60
TS-317/U	Signal Generator	Signal generator, crystal controlled modulated or unmodulated, 100kc to 15,000kc every 100kc and from 1000kc to 100Mc every 1000kc, 400cps modulation crystal controlled. 0.5 to 100,000μv every range.	AF: Obs	5/55
TS-318/UP	Field Intensity Meter	1.55 to 2.55Mc. For CW, pulsed or Loran (at 20 to 35pps) signals. Includes 50μsec pulse generator. Has CRT display. Requires 6vdc or 110vac at 60cps and 10a. U/W Loran receivers.	AF: Obs	4/59
TS-319/URM-1	Sound Test Box	Hydrophone testing, sound source modulated with external audio signal generator.	BWA: Obs	8/61
TS-320/URM-1	Hydrophone Magnetizer	Hydrophone testing, for magnetizing magnetostriction hydrophones.	BWA: Obs	8/61
TS-321/URM-1	Tuning Test Case	A modified Radio Set AN/CRT-4() transmitter test case which has aperatures to permit tuning of transmitter while in case.	BWA: Obs	8/61
TS-322/URM-1	Voltage Injector	Voltage source, for testing the direction indicator on Receiver AN/CRT-4() equipment.	BWA: Obs	8/61
TS-323/UR	Frequency Meter	Frequency measurement, heterodyne type 20 to 450Mc, crystal calibration.	AF: Ltd-Std BS: Std BWA: Obs	12/55 9/62 8/61
TS-324/U	Oscilloscope	Oscilloscope, 5" screen, 15 to 30,000cps range, vertical deflection .07vrms/in, general purpose use.	BWA: Obs	8/61
TS-325/U	Multitester	Ammeter, 0 to 50μa meter, multipliers extend range to 1000μa.	BS: Ltd-Std	11/63
TS-326/U	Test Oscillator	50 to 100Mc, accuracy: 0.05%, audio modulation: 300 to 3000cps.	AF: Obs	4/63
TS-326A/U	Test Oscillator	Test oscillator, 50 to 100Mc, accuracy: 0.05%, audio modulation: 300 to 3000cps.	AF: Ltd-Std	2/52
TS-326B/U	Test Oscillator	Test oscillator, 50 to 100Mc, accuracy: 0.05%, audio modulation: 300 to 3000cps.	AF: Std	2/52
TS-328()/U	Frequency Meter	Frequency measurements, consists of 9 vibrating reeds, dial marked 380 to 420cps.	AMC: Std-B	1/59
TS-328/U	Frequency Meter	Frequency measurements, consists of 9 vibrating reeds, dial marked 380 to 420cps.	AF: Ltd-Std	12/57

NOMENCLATURE	ITEM NAME	TECHNICAL SPECIFICATIONS & FUNCTION	STATUS	DATE
TS-328A/U	Frequency Meter	Frequency measurements, consists of 9 vibrating reeds, dial marked 380 to 420cps.	BWA: Pref	3/61
TS-329()/U	Dummy Antenna	Dummy load, non-inductive resistance, 50Ω in series with thermocouple ammeter 0 to 0.5a.	AMC: Std-A	6/54
TS-329/U	Dummy Antenna	Dummy load, non-inductive resistance, 50Ω in series with thermocouple ammeter 0 to 0.5a.	BWA: Obs	8/61
TS-330()/TSM	Crystal Impedance Meter	Crystal equipment, 1 to 15Mc in 7 bands, can be oscillated at either series or anti-resonant frequency.	AMC: Std-A	8/49
TS-330A/TSM	Crystal Impedance Meter	Crystal equipment, .8 to 15Mc, can be operated at either series or anti-resonant frequency.	AF: Std	4/54
TS-332/UP	Dummy Load	Dummy load, X-band, is a section on small size waveguide, SWR less than 1.05 to 1.	BWA: Obs	8/61
TS-333/AP	Spectrum Analyzer	Spectrum analyzers, K-band, for Fourier analysis on radar spectrum, also for Q and SWR measurements and RT and TR tuning.	AF: Std BWA: Obs	6/49 8/61
TS-335/MPM	Dummy Load	Dummy load, S-band to radiate RF so radar is silent during test.	BWA: Obs	8/61
TS-336()/GSM-1	Magnet Charger	A charger and demagnetizer for meter magnets. Provides 50,000a crest current through secondary of magnetizing transformer. Coil rating is 1000va at 50% duty cycle.	BWA: Obs AMC: Std-A	8/61 4/61
TS-338/UP	Dummy Load	Dummy load, S-band, is section of waveguide, dissipates 600w average, 1Mw peak.	AF: Obs BWA: Obs	5/58 10/62
TS-340()/U	Voltmeter	Voltmeter, electrodynamic, portable, 3 scales: 0/50/300/750v from 25 to 400cps. ±0.5%fs. 77Ω/v sensitivity and 9.75/3.9/1.95va power consumption sensitivity. Magnetically shielded.	AMC: Std-A	3/59
TS-340/U	Voltmeter	Voltmeter, electrodynamic, portable, 3 scales: 0/150/300/750v from 25 to 400cps, ±0.5%fs. 77Ω/v sensitivity and 9.75/3.9/1.95va power consumption sensitivity. Magnetically shielded.	AF: Std BS: Std	2/54 1/62
TS-343()/U	Signal Generator	Signal generator, 15 to 60Mc, 2 bands, modulation 400 and 8200cps AM, 30% CW, output: 1 to 100,000μv.	AMC: Obs	1/59
TS-345/ART-22	Test Set	Signal generator, provides artificial video, composed of artificial noise and variable length gate.	BWA: Obs	8/61
TS-346/UP	Test Load	Dummy load, Sg band, for absorbing of RF.	AF: Std BWA: Pref	2/53 3/61
TS-349/UP	Echo Box	Echo box, hand tuned 1/4 wave, shorted resonant coax line, rotative frequency measurements makes possible spectrum analysis.	BS: Std	1/62
TS-350()/U	Converter	Converter, frequency, for use with RCA Channelyst Test Set TS-303A/G, increases range from 1600kc to 60Mc.	AMC: Obs	1/58
TS-352()/U	Multitester	Multitester portable, 0 to 2.5/10/50/250/500/1000vdc; 0 to 2.5/10/50/250/500/1000vac; 0 to 250μa(dc) and 0 to 2.5/10a(dc), 0 to 10MΩ 5 ranges.	AMC: Std-A	4/61
TS-352/U	Multitester	Multitester portable, 0 to 2.5/10/50/250/500/1000vdc; 0 to 2.5/10/50/250/500/1000vac; 0 to 250μa(dc) and 0 to 2.5/10a(dc), 0 to 10MΩ 5 ranges.	AF: Ltd-Std BS: Ltd-Std BWA: Sup	4/51 1/62 10/62
TS-352A/U	Multitester	Multitester portable, 0 to 2.5/10/50/250/500/1000vdc; 0 to 2.5/10/50/250/500/1000vac; 0 to 250μa(dc) and 0 to 2.5/10a(dc), 0 to 10MΩ 5 ranges.	AF: Ltd-Std BS: Ltd-Std	11/55 1/62
TS-352B/U	Multitester	Multitester portable, 0 to 2.5/10/50/250/500/1000vdc; 0 to 2.5/10/50/250/500/1000vac; 0 to 250μa(dc) and 0 to 2.5/10a(dc), 0 to 10MΩ 5 ranges.	BS: Ltd-Std	1/62
TS-354()/UP	Frequency Meter	Frequency measurements, 3 units, 29/30/31Mc.	AMC: Obs	4/57
TS-355/UP	Test Set	Frequency, power measurement, radar equipment and test scope for receiver and transmitter measurements.	BS: Ltd-Std BWA: Obs	1/62 8/61

NOMENCLATURE	ITEM NAME	TECHNICAL SPECIFICATIONS & FUNCTION	STATUS	DATE
TS-355A/U	Test Set	Radar test equipment, 150 to 240Mc, check sensitivity of receiver and frequency and power measurement in this range.	BS: Std	1/62
TS-357(XN)/ASG-10	Computer Test Set	Experimental Naval Model TS-357/ASG-10.	BWA: Obs	8/61
TS-357(XN-1)/ASG-10	Computer Test Set	Experimental Naval Model for TS-357/ASG-10.	BWA: Obs	8/61
TS-357/ASG-10	Test Set	Computer test equipment, used to check operating cycle and adjustment of gyro and resistor in AN/ASG-10().	BWA: Obs	8/61
TS-358/UP	Range Calibrator	Crystal type, portable, time equivalents 1/5/10 50 miles. Accuracy: $\pm 0.05\%$ or 15 yards (whichever is greater).	BS: Ltd-Std BWO: Sup	9/62 7/63
TS-359()/U	Voltage Divider	Voltage divider, for dividing modulator voltage pulse for synchroscope viewing, can handle 35kv pulse.	AMC: Std-A	2/49
TS-359/U	Voltage Divider	Voltage divider, for dividing modulator voltage pulse for synchroscope viewing, can handle 35kv pulse.	AF: Ltd-Std	2/51
TS-359A/U	Voltage Divider	Voltage divider, for dividing modulator voltage pulse for synchroscope viewing, can handle 35kv pulse.	AF: Ltd-Std	2/51
TS-361A/U	Adapter	Receiver test, method for measuring 2nd detector current in radar receiver.	AF: Std	12/48
TS-362/ASG-10	Test Set	Computer test equipment for various checking of functions of set, circuit check.	BWA: Obs	8/61
TS-363()/U	Voltmeter	Voltmeter, VTVM, 0 to 1/3/10/100ac-dc; high impedance probe for ac.	AMC: Obs	1/58
TS-364/APX-15	Test Set	Signal generator equipment, provides AM for pulse type radar frequency signals, will modulate a frequency of 2500 to 2700Mc.	AF: Obs	5/56
TS-364A/APX-15	Test Set	Signal generator equipment, provides AM for pulse type radar frequency signals, will modulate a frequency of 2500 to 2700Mc.	AF: Obs	12/59
TS-365/GT	Hand Set	Handset, lineman's with dial and switch and clips.	AF: Std	1/58
TS-366A/TPS-10	Dummy Load	Dummy load, for testing modulator, provides a 50 $\Omega$ non-inductive load.	AF: Ltd-Std	3/49
TS-366B/TPS-10	Dummy Load	Dummy load, for testing modulator, provides a 50 $\Omega$ non-inductive load.	AF: Ltd-Std	3/57
TS-366C/CPS-10	Electrical Dummy Load	Dummy load, 320w average, 7500v peak power dissipation, 0 to 2Mc frequency range, 500 $\Omega$ impedance.	AF: Std	3/57
TS-375/U	Voltmeter	Voltmeter, VTVM; ac/dc 1.2/3/12/30/120/300vdc, 10 to 300Mc for ac measurement.(ER)	AF: Obs BWA: Sup	6/59 10/62
TS-375A/U	Voltmeter	Voltmeter, VTVM; ac/dc 1.2/3/12/30/120v plus 300vdc, 10 to 300Mc for ac measurement.(ER)	AF: Obs BWA: Sup	6/59 10/62
TS-376/U	Signal Generator	Output, measures AF output voltage, 0 to 150v; 5 ranges.	BS: Std	1/62
TS-378/UP	Pressurizing Plate	Waveguide, accessory, to seal section of S-band waveguide.	AF: Std	3/53
TS-379()/U	Audio Oscillator	Oscillator, heterodyne, 30 to 15,000cps, 1mw into 600 $\Omega$ for transmission measuring set.	AMC: Std-C	12/48
TS-379/U	Audio Oscillator	Oscillator, heterodyne, 30 to 15,000cps, 1mw into 600 $\Omega$ for transmission measuring set.	AF: Std	1/52
TS-380()/U	Multitester	Multitester, portable, ac-dc, 0 to 3/15/30/150/300vdc; 0 to 150ma, 0 to 3a/15a, 0 to 1m $\Omega$ .	AMC: Std-C	8/60
TS-380/U	Multitester	Multitester, portable, ac-dc, 0 to 3/15/30/150/300vdc; 0 to 150ma, 0 to 3a/15a, 0 to 1m $\Omega$ .	AF: Obs	3/60
TS-382()/U	Audio Oscillator	Signal generator, 20 to 200,000cps in 4 bands; output: 100mw into 1000 $\Omega$ .	AMC: Std-A BWO: Pref	8/49 7/63



NOMENCLATURE	ITEM NAME	TECHNICAL SPECIFICATIONS & FUNCTION	STATUS	DATE
TS-382/U	Audio Oscillator	Signal generator, 20 to 200,000cps in 4 bands; output: 100mw into 1000 $\Omega$ .	AF: Ltd-Std BS: Obs-nt BWA: D	5/54 2/62
TS-382A/U	Audio Oscillator	Signal generator, 20 to 200,000cps in 4 bands; output: 100mw into 1000 $\Omega$ .	AF: Ltd-Std BS: Alt-Std	5/54 1/61
TS-382B/U	Audio Oscillator	Signal generator, 20 to 200,000cps in 4 bands; output: 100mw into 1000 $\Omega$ .	AF: Ltd-Std BS: Alt-Std	5/54 1/62
TS-382C/U	Audio Oscillator	Signal generator, 20 to 200,000cps in 4 bands; output: 100mw into 1000 $\Omega$ .	AF: Ltd-Std BS: Alt-Std	5/54 1/62
TS-382D/U	Audio Oscillator	Range: 20 to 200,000cps, 3 bands. Output: 0 to 10v, 7 ranges, across 1000 $\Omega$ . Contains BNC output connector.	AF: Ltd-Std BS: Alt-Std	4/56 1/62
TS-382E/U	Audio Oscillator	Signal generator, 20 to 200,000cps in 4 bands; output: 100mw into 1000 $\Omega$ .	BS: Alt-Std	1/62
TS-382F/U	Audio Oscillator	Signal generator, 20 to 200,000cps in 4 bands; output: 100mw into 1000 $\Omega$ .	AF: Std BS: Alt-Std BWA: Pref	5/56 1/62 7/62
TS-383()/GG	Distortion Test Set	Teletypewriter equipment for transmitting test message, R,Y,T,O,M,V.	AMC: Std-A	9/51
TS-383/GG	Distortion Test Set	Teletypewriter equipment for transmitting test message, R,Y,T,O,M,V.	BS: Alt-Std	11/63
TS-383A/GG	Distortion Test Set	Teletypewriter equipment for transmitting test message, R,Y,T,O,M,V.	AF: Std BS: Alt-Std	1/52 11/63
TS-383B/GG	Distortion Test Set	Teletypewriter equipment for transmitting test message, R,Y,T,O,M,V.	BS: Alt-Std	11/63
TS-384/TSM	Standard Oscillator	Standard oscillator, crystal test equipment by Pierce oscillator circuit.	AMC: Obs	3/57
TS-386/U	Hydrometer	Hydrometer, battery tester, range: 1.130 to 1.310 specific gravity at 80°F. Not applicable.	AF: Std	6/52
TS-389()/U	Multitester	Multitester, electronic, portable, 0.5 to 1000vac dc, 0.1 to 1000M $\Omega$ . 25 $\mu$ a to 1a, 6 steps.	AMC: Obs	5/57
TS-389/U	Multitester	Multitester, electronic, portable, 0.5 to 1000vac dc, 0.1 to 1000M $\Omega$ . 25 $\mu$ a to 1a, 6 steps.	BS: Ltd-Std	1/62
TS-399()/U	Decibel Meter	Level meter, audio, decibel, range: -45dbm to +10dbm, with 600 $\Omega$ circuit.	AMC: Obs	2/61
TS-399/U	Decibel Meter	Level meter, audio, decibel, range: -45dbm to +10dbm, with 600 $\Omega$ circuit.	AF: Std	1/52
TS-400()/U	Decibel Meter	Level meter, audio, decibel, range: -45dbm to +10dbm, with 600 $\Omega$ circuit.	AMC: Std-C	12/48
TS-401()/U	Oscillator	Oscillator, AF, 2kc to 79kc variable.	AMC: Std-C	12/48
TS-402/U	Attenuator	Attenuator variable, 600 $\Omega$ $\pm$ 10 $\Omega$ to 100kc; 0.2w continuous 0.5w for short periods.	AMC: Std-A	7/46
TS-402A/U	Attenuator	Attenuator, balanced H, 600 $\Omega$ impedance, 0 to 50kc P/M -0.2db, 0 to 100kc P/M 0.3db; 0.2w continuous, 0.5w internal.	AF: Std	11/54
TS-403()/U	Signal Generator	1.8 to 4kMc, $\pm$ 1%. Output: 0 to -120dbm across 50 $\Omega$ . Modulation: CW, internal pulse (40 to 4000prf, width 0.5 to 10 $\mu$ sec); internal FM (power supply frequency), external square wave (single or multiple) 40 to 70v peak.	AMC: Std-A	6/53
TS-403A/U	Signal Generator	Generator, RF, CW, internal pulse, internal FM and external pulse modulation, frequency range: 1800 to 4000Mc. Same as TS-403/U.	BS: Ltd-Std	1/62
TS-403B/U	Signal Generator	Generator, RF, CW, internal pulse, internal FM and external pulse modulation, frequency range: 1800 to 4000Mc. Same as TS-403/U.(ER)	BS: Ltd-Std BWA: Pref	1/62 3/61
TS-406()/U	Test Oscillator	Test oscillator, receiver test equipment, range: 1000 to 3500Mc, pulsed output at rep rate of buzzer (approximately 1500cps).	AMC: Std-B	1/59

NOMENCLATURE	ITEM NAME	TECHNICAL SPECIFICATIONS & FUNCTION	STATUS	DATE
TS-406/UP	Test Oscillator	Test oscillator, receiver test equipment, range: 1000 to 3500Mc, pulsed output at rep rate of buzzer (approximately 1500cps).	AF: Obs BS: Std	2/63 9/62
TS-407()/AMQ-2	Aerograph Calibration Set	Consists of a master self synchronous unit and 3 test cables which are used in calibrating AN/AMQ-2().	AMC: Std-C	1/49
TS-408()/UP	Echo Box	Echo box, untuned K-band, echo box (multi-resonant ringing).	AMC: Obs	4/49
TS-411/CPS-4	Dummy Load	Dummy load, used in place of transformer, magnetron combination to provide full load when testing modulator.	AF: Obs	4/59
TS-412()/TSM	Crystal Test Oscillator	Crystal test equipment, measures resistance and frequency of Crystal Unit CR-8B/U; 1 to 60Mc.	AMC: Std-C	8/49
TS-413()/U	Signal Generator	75kc to 40Mc $\pm 1\%$ in 6 bands. Output: 0 to 1rmsv in 6 ranges. Output Z: 5 to 500 $\Omega$ . Modulation: 400 and 1000cps internal AM, provision for external AF to provide at least 30% AM with less than 10 audio volts. Has crystal controlled heterodyne oscillator.	AF: Ltd-Std	5/54
TS-413/U	Signal Generator	75kc to 40Mc $\pm 1\%$ in 6 bands. Output: 0 to 1rmsv in 6 ranges. Output Z: 5 to 500 $\Omega$ . Modulation: 400 and 1000cps internal AM, provision for external AF to provide at least 30% AM with less than 10 audio volts. Has crystal controlled heterodyne oscillator.	AF: Ltd-Std BS: Obs	5/54 8/61
TS-413A/U	Signal Generator	Signal generator, AM; 75kc to 40Mc, 6 bands; for class A maintenance, permits 30% modulation with less than 10 audio volts. Same description as TS-413/U.	AF: Ltd-Std	5/54
TS-413B/U	Signal Generator	Signal generator, AM; 75kc to 40Mc, 6 bands; for class B maintenance, permits 30% modulation with less than 10 audio volts. Same description as TS-413/U.	AF: Ltd-Std	5/54
TS-414/U	Dynamotor Test Set	Dynamotor test, power supply test, class B maintenance, measures voltage and current input and output and ripple of single or multiple output machines.	AF: Ltd-Std	4/56
TS-415()/U	Analyzer	Bridge (capacity-resistance) $2\mu\mu\text{f}$ to 200 $\mu\text{f}$ ; 200 $\Omega$ to 20M $\Omega$ .	AMC: Obs	8/60
TS-418()/U	Signal Generator	0.4 to 1kMc $\pm 1\%$ . Output: 0 to -120dbm $\pm 2\text{db}$ across 50 $\Omega$ . Modulation: CW, internal pulse (40 to 400prf, width 0.5 to 10 $\mu\text{sec}$ ), external square wave (single or multiple by signals 40 to 70v peak), also external pulse.	AMC: Std-A	4/57
TS-418/U	Signal Generator	0.4 to 1kMc $\pm 1\%$ . Output: 0 to -120db across 50 $\Omega$ . Modulation: CW, internal pulse (40 to 400prf, width 0.5 to 10 $\mu\text{sec}$ ), external square wave (single or multiple by signals 40 to 70v peak), also external pulse.	BS: Ltd-Std	1/62
TS-418A/U	Signal Generator	Same description as TS-418/U.	BS: Ltd-Std BWA: Pref	1/62 7/62
TS-418B/U	Signal Generator	Same description as TS-418/U.	BS: Ltd-Std	1/62
TS-418C/U	Signal Generator	0.394 to 1kMc $\pm 1\%$ . Output: 0.2 $\mu\text{v}$ to 0.2v across 50 $\Omega$ . Otherwise same description as TS-411/U.	BS: Ltd-Std	1/62
TS-419()/U	Signal Generator	0.9 to 2.1kMc $\pm 1\%$ . Output: -3 to -120dbm $\pm 2\text{db}$ across 50 $\Omega$ . Modulation: CW, internal pulse (40 to 4000prf and 0.5 to 10 $\mu\text{sec}$ width), external pulse (single by signal of 40 to 70v peak).	AMC: Std-A	2/49
TS-419/U	Signal Generator	0.9 to 2.1kMc $\pm 1\text{kMc} \pm 1\%$ . Output: -3 to -120dbm $\pm 2\text{db}$ across 50 $\Omega$ . Modulation: CW, internal pulse (40 to 4000prf and 0.5 to 10 $\mu\text{sec}$ width), external pulse (single by signal of 40 to 70v peak).	BS: Ltd-Std BWA: D	1/62
TS-419A/U	Signal Generator	Same description as TS-419/U.(ER)	BS: Ltd-Std BWA: Pref	1/62 7/62
TS-420()/U	Cable Test Set	Test Set, cable splicer, for cable identification, has 500cps tone, warbled at 7cps.	AMC: Std-A	9/59

NOMENCLATURE	ITEM NAME	TECHNICAL SPECIFICATIONS & FUNCTION	STATUS	DATE
TS-421()/U	Audio Oscillator	Signal generator, audio, 20 to 20,000cps, 5w output.	BWO: Pref AMC: Std-A	7/63 5/59
TS-421/U	Audio Oscillator	Signal generator, audio, 20 to 20,000cps, 5w output.	BS: Ltd-Std BWA: Obs	1/62 8/61
TS-421A/U	Signal Oscillator	Signal generator, audio, 20 to 20,000cps, 5w output.	BS: Std BWA: Obs	1/62 8/61
TS-423()/TPQ-3	Orientation Oscillator	Oscillator, for orientating telescope with antenna, 600Mc $\pm$ 10Mc.	AMC: Obs	8/54
TS-429()/TRC-6	Radio Frequency Wattmeter	Power measurement, measures average power 0.1 to 2.0mw, 4350 to 4800Mc inclusive. Cancelled 15 May 1947.	AMC: Obs	2/57
TS-430()/U	Wattmeter	Power measurement dc/ac, 25 to 125cps, 0 to 3kw scale, 3 to 6/15kw range at 30a, 6 to 12/30kw range at 60a.	AMC: Std-A	8/59
TS-430/U	Wattmeter	Power measurement dc/ac, 25 to 125cps, 0 to 3kw scale, 3 to 6/15kw range at 30a, 6 to 12/30kw range at 60a.	AF: Std	11/52
TS-432/U	Noise-Field Strength Meter	Noise and field strength measurement, 150 to 350kc and .540 to 20,000kc ranges, measures input of 1.0 $\mu$ v to 100mv or 2 $\mu$ v/meter to 200mv/meter. As VTVM.	AF: Std	12/54
TS-433()/U	Electronic Switch	Electronic switch, square wave generator, switching rate: 10 to 200/sec, portable.	AMC: Std-A	10/49
TS-433/U	Electronic Switch	Electronic switch, square wave generator, switching rate: 10 to 200/sec, portable.	BS: Obs-nt	1/62
TS-433A/U	Electronic Switch	Square wave generator limit of usefulness 100,000cps, as generator 10 to 500cps 30v peak.	BS: Ltd-Std	11/63
TS-433B/U	Electronic Switch	Single ended output, 100,000cps useful limit, switching rate: 6 to 2000cps.	AF: Std BS: Ltd-Std	7/54 11/63
TS-434/UP	Computer Calibrator	Range calibrate, to calibrate range circuit of control-computer C-302()/TPQ-2.	AF: Obs AMC: Obs	10/59 4/49
TS-435()/UP	Test Meter	Milliammeter-dc, 0 to 1ma to measure magnetron current.	AMC: Obs	4/49
TS-436()/TRC-6	Dummy Load	Dummy load, provides 750 $\Omega$ termination for video repeater test.	AMC: Obs	2/57
TS-443()/U	Voltmeter	Voltmeter, dc type, 0 to 3/15/150v, draws 10ma at full scale, 150 scale divisions.	AMC: Std-A	6/58
TS-443/U	Voltmeter	Voltmeter, dc type, 0 to 3/15/150v, draws 10ma at full scale, 150 scale divisions.	AF: Std	2/54
TS-446()/U	Radio Frequency Indicator	0.04w neon bulb enclosed in lucite tube indicates presence of RF power, particularly in the microwave regions.	AMC: Std-A	4/57
TS-446/U	Radio Frequency Indicator	Same description as TS-446()/U.	AF: Std	8/47
TS-447()/U	Signal Generator	100kc to 133Mc $\pm$ 0.5% in 7 bands. Modulation: AM or FM, 400cps internal, can be external.	AMC: Obs	5/58
TS-448()/U	Signal Generator	Generator, signal, AM 120kc to 120Mc, portable, internal modulation 400cps.	AMC: Obs	5/58
TS-452()/U	Signal Generator	Can be swept to provide check for FM equipment, 15 to 400Mc.	BWO: Sup AMC: Std-A	7/63 2/49
TS-452/U	Signal Generator	Can be swept to provide check for FM equipment, 15 to 400Mc.	AF: Ltd-Std BS: Ltd-Std BWA: Sup	7/49 1/62 10/63
TS-452A/U	Signal Generator	FM sweeps entire band, frequency varies at a fixed rate across each of 6 bands between 5 to 100Mc.	AF: Ltd-Std BS: Ltd-Std BWA: Sup	4/54 1/62 10/63
TS-452B/U	Signal Generator	Signal generator, FM sweeps entire band, frequency varies at a fixed rate across each of 6 bands between 5 to 100Mc.	AF: Ltd-Std BS: Ltd-Std BWA: Sup	4/54 1/62 10/62



NOMENCLATURE	ITEM NAME	TECHNICAL SPECIFICATIONS & FUNCTION	STATUS	DATE
TS-452C/U	Signal Generator	FM sweeps entire band, frequency varies at a fixed rate across each of 6 bands between 5 to 100Mc.	AF: Std BS: Ltd-Std BWA: Sup	4/54 12/62 10/63
TS-453/U	Voltage Divider	Voltage divider, divides high voltage modulator pulses (200 to 100,000v peak) to view on oscilloscope of synchroscope.	AF: Std BWA: Pref	5/48 3/61
TS-454()/U	Spectrum Analyzer	Spectrum analyzer, narrow band, high gain 2400 to 3400Mc, to check frequency spectrum.	AMC: Std-A	1/59
TS-456/CRN-1A	Test Set	Test set, radio to test antenna current, plate current, and voltage and filament voltage.	AF: Obs	1/60
TS-457/U	Multitester	Multitester 0 to 5000vdc 6 steps, 0 to 5000vac 6 steps; 0 to 100 $\mu$ a(dc) 0 to 500ma(dc) 3 steps, 0 to 10M $\Omega$ .	BS: Ltd-Std	1/62
TS-460()/U	Impedance Bridge	Impedance bridge, 1m $\Omega$ ; 1M $\Omega$ . 1 $\mu$ f to 100 $\mu$ ff, 1 $\mu$ h to 100h.	AMC: Std-B	1/59
TS-460/U	Impedance Bridge	Impedance bridge, 1m $\Omega$ to 1M $\Omega$ , 1 $\mu$ f to 100 $\mu$ ff, 1 $\mu$ h to 100h.	AF: Ltd-Std BS: Ltd-Std	5/54 1/62
TS-460A/U	Impedance Bridge	Impedance bridge, 1m $\Omega$ to 1M $\Omega$ , 1 $\mu$ f to 100 $\mu$ ff, 1 $\mu$ h to 100h.	BS: Ltd-Std	1/62
TS-406B/U	Impedance Bridge	Impedance bridge, 1m $\Omega$ to 1M $\Omega$ , 1 $\mu$ f to 100 $\mu$ ff, 1 $\mu$ h to 100h.	BS: Ltd-Std	1/62
TS-460C/U	Impedance Bridge	Impedance bridge, 1 $\mu$ f to 1100 $\mu$ f, 1 $\mu$ h to 1100h, 0.001 $\Omega$ to 11M $\Omega$ ; frequency: 1000cps.	AF: Ltd-Std BS: Alt-Std BWA: Sup	10/55 11/63 10/62
TS-460D/U	Impedance Bridge	Impedance bridge, 1 $\mu$ f to 1100 $\mu$ f, 1 $\mu$ h to 1100h, 0.001 $\Omega$ to 11M $\Omega$ , frequency: 1000cps. Cancelled 4 October 1955.	BS: Alt-Std	1/62
TS-462/U	Microvolter	Microvolter, 20 to 150Mc in 1 band.	AF: Obs	6/55
TS-465()/U	Signal Generator	Signal generator, AM,FM,AM. 100kc to 110Mc, FM 100kc to 160Mc, AM modulation: 400cps, FM: 0.450kc.	AMC: Obs	8/62
TS-465/U	Signal Generator	Signal generator, AM,FM,AM. 100kc to 110Mc, FM 100kc to 160Mc, AM modulation: 400cps, FM: 0.450kc.	AF: Obs	4/58
TS-467/UP	Frequency Standard	Frequency standard, calibration of beacon sets, Frequency range: 2890 to 2907Mc.	AF: Std	8/47
TS-477/APN-19	Test Set	Checks radar beacon equipment.	AF: Obs	4/63
TS-479/U	Impedance Bridge	1 to 110 $\Omega$ $\pm$ 2% with frequency range: 200 to 400kc. Uses substitution method, variable capacitor adjust and galvanometer indication.	AF: Std	1/55
TS-480()/U	Frequency Meter	Frequency measurement, 0.5 to 150Mc with plug-in coils, accuracy p/m 2% 0.5 to 16Mc, p/m 3% 16 to 150Mc.	AMC: Std-A	9/46
TS-480/U	Frequency Meter	Frequency measurement, 0.5 to 150Mc with plug-in coils, accuracy p/m 2% 0.5 to 16Mc, p/m 3% 16 to 150Mc.	AF: Std BS: Std BWA: Obs	1/52 1/62 8/61
TS-481/U	Field Strength Meter	Field strength measurement, .120 to 18Mc, intensity range: 20 $\mu$ v meter. Battery operated.	AMC: Std-B	1/60
TS-487/U	Voltmeter	Voltmeter, ac/dc type 0 to 50v, 3 scales 5/10/50, 100 $\mu$ a required for full scale deflection.	BWA: Pref	3/61
TS-488()/UP	Echo Box	Echo box, for overall performance of radar, 8990 to 9610Mc tuned cavity.	AMC: Std-A	11/58
TS-488/UP	Echo Box	Echo box, for overall performance of radar, 8990 to 9610Mc tuned cavity.	AF: Ltd-Std BS: Alt-Std	12/54 1/62
TS-488A/UP	Echo Box	Echo box, for overall performance of radar, 8990 to 9610Mc tuned cavity..	AF: Std BS: Std BWA: Pref	12/54 1/62 3/61
TS-489()/U	Oscilloscope	Oscilloscope, 5 to 500,000cps vertical, 5 to 100,000cps horizontal, 5" screen, portable.	AMC: Obs	9/57

NOMENCLATURE	ITEM NAME	TECHNICAL SPECIFICATIONS & FUNCTION	STATUS	DATE
TS-489/U	Oscilloscope	Oscilloscope, 5 to 500,000cps vertical, 5 to 100,000cps horizontal, 5" screen portable.	BWA: Obs	8/61
TS-490()/U	Output Meter	Audio frequency, used for signal maintenance and repair.	AMC: Canc	3/59
TS-497()/URR	Signal Generator	Signal generator, AM 2Mc to 40Mc 6 bands, 400 and 1000cps modulation: internal 0.1 to 100,000 $\mu$ v variable.	BS: Obs AMC: Std-B	1/62 1/62
TS-497/URR	Signal Generator	Signal generator, AM 2Mc to 40Mc 6 bands, 400 and 1000cps modulation internal, 0.1 to 100,000 $\mu$ v variable.	BS: Obs BWA: Obs	1/62 8/62
TS-497A/URR	Signal Generator	Signal generator, AM 2 to 400Mc 6 bands, 400 and 1000cps modulation internal.	AF: Ltd-Std BS: Obs BWA: Obs	4/54 1/62 8/61
TS-497B/URR	Signal Generator	Signal generator, AM 2 to 400Mc 6 bands, 400 and 1000cps modulation internal.	AF: Ltd-Std BS: Obs	9/58 9/62
TS-501/UP	Echo Box	Echo box, performance and frequency check in range: 6250 to 6900Mc, cavity tuned.	AF: Obs BS: Alt-Std	12/60 1/62
TS-501A/UP	Echo Box	Range: 6250 to 6900Mc. Used to measure overall performance and frequency and to align radar equipment.	BS: Std	1/62
TS-505()/U	Electronic Multitester	Multitester, electronic, portable, vdc 0 to 1000v in 9 steps, vac 0 to 200v in 7 steps, 0 to 1000M $\Omega$ in 7 steps.	AMC: Std-C	3/62
TS-505/U	Electronic Multitester	Multitester, electronic, portable vdc 0 to 1000v in 9 steps, vac 0 to 200v in 7 steps, 0 to 1000M $\Omega$ in 7 steps.	AF: Ltd-Std BS: Ltd-Std	11/55 1/62
TS-505A/U	Electronic Multitester	Multitester, electronic, portable, 0 to 1000M $\Omega$ in 7 steps, vdc 0 to 1000v in 9 steps, vac 0 to 250v in 7 steps.	AF: Ltd-Std BS: Ltd-Std	8/58 1/62
TS-505D/U	Multitester	Electronic type dc to 500Mc. Ranges: 0 to 250vac in 7 steps, 0 to 1000vdc $\pm$ 5% in 9 steps, -500 to 500vdc in 9 steps, 0 to 40v(RF), 0 to 1000M $\Omega$ in 7 steps $\pm$ 5%. Accuracy: 6% from 30 to 100Mc, 8% from 100 to 500Mc. lma sensitivity.	AF: Std BS: Ltd-Std BWA: Pref	8/58 1/62 3/61
TS-506()/U	Multitester	Multitester test set, capacitor and resistor, 10 $\mu$ f -70 $\mu$ f; 50 $\Omega$ to 2M $\Omega$ .	AMC: Std-C	7/49
TS-508(XN-1)/U	Test Oscillator	Experimental Naval Model for TS-508/U.	BS: Obs-nt	1/62
TS-508/UP	Test Oscillator	Test oscillator, receivers, AM (pulsed) transmission 3000 to 11,000Mc to check frequency calibration and sensitivity.	BS: Ltd-Std	1/62
TS-509()/UR	Field Strength Meter	Field strength measurement gives relative uncalibrated indication of radiated signals in 100 to 400Mc range.	AF: Alt-Std	5/53
TS-509/UR	Field Strength Meter	Field strength measurement gives relative uncalibrated indication of radiated signals in 100 to 400Mc range.	BWA: Pref	3/61
TS-510/U	Signal Generator	Signal generator, 10 to 420Mc, 5 bands, (0.1mv to 0.5v) internal 400 or 1000cps modulation, external sine or pulse.(ER)	BS: Ltd-Std BWA: D	1/62
TS-510A/U	Signal Generator	Signal generator, 10 to 420Mc, 5 bands, (0.1mv to 0.5v) internal 400 or 1000cps modulation, external sine or pulse.	BS: Ltd-Std BWA: Pref	1/62 7/62
TS-514/U	Oscilloscope	Cancelled 1 November 1946. Use I-245.	BWA: Obs	8/61
TS-518/U	Voltmeter	Voltmeter, 25 or 60cps, range: 0 to 150v, 150 scale divisions, 20 $\Omega$ /v sensitivity.	BWA: Obs	8/61
TS-520()/U	Electronic Multitester	Voltmeter, VTVM, portable, 7 dc ranges: 0 to 10,000v, 4ac ranges: 0 to 250v.	AMC: Obs	5/58
TS-522/CRT-3	Test Set	Radio performance test, checks RF power, measures dc plate voltage and current; and filament voltage and current.	AF: Ltd-Std	3/60

NOMENCLATURE	ITEM NAME	TECHNICAL SPECIFICATIONS & FUNCTION	STATUS	DATE
TS-523/ARN	Localizer Receiver Standard	Radio receiver test, consists of standard receiver to operate on 108.3/108.7/109.1/109.5/109.9/110.3Mc. Cancelled 3 May 1946.	BWA: Obs	8/61
TS-524/ARN	Glide Path Receiver Standard	Radio test equipment, used as standard receiver to check R-89()/ARN-5A, operates on 332.6, 335.0Mc. Cancelled 3 May 1946.	BWA: Obs	8/61
TS-525/ARN	Probe Assembly	Probe, RF, pickup, to take a small portion of energy from waveguide for test purposes.	BWA: Obs	8/61
TS-527()/U	Multitester	Multitester, electronic, portable, 0 to 20ma(dc) 0 to 400vdc and vac range.	AMC: Obs	2/57
TS-535/U	Signal Generator	Signal generator, frequency coverage 7 to 160kc in 4 ranges, AM 400cps internal modulation, 20 to 2000cps external modulation.	BS: Ltd-Std	1/62
TS-535A/U	Signal Generator	Signal generator, frequency coverage: 7 to 160kc in 4 ranges, AM 400cps internal modulation, 20 to 2000cps external modulation. Same as TS-535/U.	BS: Std	12/62
TS-537()/TSM	Crystal Impedance Meter	Crystal test, frequency range: 75 to 1100kc, crystal units to be oscillated at either series or anti-resonant frequencies.	AMC: Obs	11/61
TS-537/TSM	Crystal Impedance Meter	Crystal test, frequency range: 75 to 1100kc, crystal units to be oscillated at either series or anti-resonant frequencies.	AF: Alt-Std	8/55
TS-538()/U	Test Set	Test set radio, measures power, frequency of radio-sonde equipment 1630 to 1730Mc 1 band, meter in "good or bad transmitter".	AMC: Std-A	2/60
TS-538/U	Test Set	Test set radio, measures power, frequency of radio-sonde equipment 1630 to 1730Mc 1 band, meter in "good or bad transmitter".	BS: Ltd-Std BS: Alt-Std	3/57 1/62
TS-538A/U	Test Set	Test set radio, measures power, frequency of radio-sonde equipment 1630 to 1730Mc 1 band, meter in "good or bad transmitter".	AF: Ltd-Std BS: Std	3/57 1/62
TS-538B/U	Test Set	Test set radio, measures power, frequency of radio-sonde equipment 1630 to 1730Mc 1 band, meter in "good or bad transmitter". Cancelled 28 February 1952.	AF: Std	3/57
TS-541/TPS	Test Set	Radar test equipment, sawtooth generator, tests radars in range: 8500 to 9500Mc, power measurement 25 to 130w average.	AF: Std	12/49
TS-544/UP	Echo Box	Echo box, radar test equipment, operating in frequency range: 580 to 620Mc.	AF: Ltd-Std	3/55
TS-545/UP	Echo Box	Echo box, for rough frequency and power check, frequency range: 1150Mc to 1350Mc.	AF: Obs BS: Std	5/58 1/62
TS-550()/G	Sound Calibrator	Telephone test, contains 3 receivers, 2 for routine check of sound source, the third as check standard in TS-903()/G.	AMC: Std-C	8/60
TS-555()/GMQ-3	Ceilometer	Ceilometer performance test, multitester, ac voltmeter 0 to 100v range, dc $\mu$ a meter accuracy 2 1/2% fs.	AMC: Std-A	8/49
TS-557()/FT	Impedance Bridge	Bridge, impedance, frequency range: 100 to 3000cps, inductance range: -550 to +550mh, resistance range: 0 to 11,110 $\Omega$ .	AMC: Obs	5/59
TS-558()/FT	Cable Test Set	To test and identify telephone cables.	AMC: Obs	7/58
TS-559()/FT	Transmission Measuring Set	Telephone test equipment, measures telephone line and equipment noise and indicates noise magnetude on meter scale.	AMC: Std-A	7/46
TS-560()/FT	Audio Oscillator	Oscillator, AF, telephone test, variable 50 to 150kc to supply testing frequency for telephone transmission line test.	AMC: Std-C	7/46
TS-561()/FT	Transmission Measuring Set	Telephone test equipment, for measuring transmission on telephone circuits, range 0 to 20db below lmw over range: 350 to 10,000cps.	AMC: Obs	5/58
TS-563()/FT	Wiring Test Set	Telephone test equipment for tracing drop, block and station wires.	AMC: Std-A	10/60



NOMENCLATURE	ITEM NAME	TECHNICAL SPECIFICATIONS & FUNCTION	STATUS	DATE
TS-563A/FT	Wiring Test Set	Telephone test equipment for tracing drop, block and station wires.	AF: Std AMC: Std-A	7/56 10/60
TS-566()/FT	Capacitance Bridge	Bridge capacitance, 0 to 211,500 $\mu$ mf, direct method of measurement, used to measure mutual capacitance in cables.	AMC: Obs	11/59
TS-568()/FT	Transmission Measuring Set	Telephone test equipment to measure harmonics in telephone circuits in range: 180 to 4000cps.	AMC: Obs	5/61
TS-569()/FT	Transmission Measuring Set	Telephone test equipment to measure harmonics in telephone circuits in range: 180 to 4000cps.	AMC: Std-A	7/46
TS-570()/FT	Cable Test Set	Cable testing of telephone equipments by measure of capacitance unbalanced.	AMC: Obs	10/58
TS-571()/FT	Audio Oscillator	Oscillator, audio telephone test, 1200cps fixed, to supply tone in making capacitance unbalanced test.	AMC: Obs	3/62
TS-573()/UP	Range Calibrator	Range calibrator, for radar timing circuit measurement and trigger pulse generator, repetition rate 160 to 2400cps, delays trigger in 5yd increments.	AMC: Std-A	9/56
TS-573(XN-3)/UP	Calibrator Range	Experimental Naval Model for TS-573/UP.	BS: Ltd-Std	1/62
TS-573/UP	Calibrator Range	Range calibrator, for radar timing circuit measurement and trigger pulse generator, repetition rate 160 to 2400cps, delays trigger in 5yd increments.	AF: Ltd-Std BS: Obs-nt	4/57 1/62
TS-573A/UP	Calibrator Range	Range calibrator, 47 to 5000pps repetition rate, positive or negative, adjustable in 10yd increments from 400 to 400,000 yards.	AF: Ltd-Std BS: ALT-Std	5/58 1/62
TS-573B/UP	Calibrator Range	Provides a strobe output to calibrate range circuits of pulse type radar equipment. Same as TS-573A/UP except for maintenance parts. Input pulse data: 47 to 5000pps $\pm$ 10 to 50v externally triggered and 160/480/800/1200 and 2400pps internally triggered; output marker: 160/480/800/1200 and 2400pps to within 0.01% plus 10 yards.	AF: Std BS: Alt-Std	5/58 1/62
TS-573C/UP	Calibrator Range	400 yards at 400k yards in 10 yard steps. Internal or external triggering. Output: 75 $\Omega$ or 5k $\Omega$ with $\pm$ 10v minimum. Used in calibration of range circuits of pulse type radar equipment.	BS: Alt-Std	9/62
TS-574/U	Signal Generator	Generator, signal, AM carrier 300 to 1000Mc, AM of 30kc, 30% modulation, pulse repetition rate 50 to 100,000cps.	BS: Obs-nt BWA: Obs	1/62 8/61
TS-577()/FG	Telegraph Monitor	Telegraph test equipment for audible and visual measurement of signal distortion.	AMC: Std-A	7/46
TS-578()/U	Decade Resistor	Resistor, decade, 1 to 111, 110 $\Omega$ in 1 $\Omega$ steps. $\pm$ 0.25 accuracy. U/W Wheatstone bridge, percentage bridge and null detectors.	AMC: Obs	11/60
TS-578/U	Decade Resistor	Resistor, decade, 1 to 111, 110 $\Omega$ in 1 $\Omega$ steps. $\pm$ 0.25 accuracy. U/W Wheatstone bridge, percentage bridge and null detectors.	BWA: Obs	8/61
TS-578A/U	Decade Resistor	Resistor, decade, 1 to 111, 110 $\Omega$ in 1 $\Omega$ steps. $\pm$ 0.25% accuracy.	AF: Std BWA: Obs	4/52 8/61
TS-578B/U	Decade Resistor	Resistor, decade, 1 to 111, 110 $\Omega$ in 1 $\Omega$ steps. $\pm$ 0.25% accuracy.	AF: Std BWA: Obs	8/51 8/61
TS-579()/U	Field Strength Meter	Field strength measurement, 18 to 125Mc, intensity range: 10 to 500,000 $\mu$ v and 50 to 2,500,000 $\mu$ v/meter.	AMC: Canc	9/60
TS-579/U	Field Strength Meter	Field strength measurement, 18 to 125Mc, intensity range: 10 to 500,000 $\mu$ v and 50 to 2,500,000 $\mu$ v/meter.	AF: Ltd-Std	7/56
TS-579A/U	Field Strength Meter	Field strength measurement, 18 to 125Mc, intensity range: 10 to 500,000 $\mu$ v and 50 to 2,500,000 $\mu$ v/meter.	AF: Ltd-Std	7/58
TS-580()/U	Direct Current Amplifier	Amplifies low values of dc to use with Esterline-Angus Recorder AW.	AMC: Std-A	7/46

NOMENCLATURE	ITEM NAME	TECHNICAL SPECIFICATIONS & FUNCTION	STATUS	DATE
TS-582/U	Impedance Bridge	Bridge, impedance resistance range: 0 to 1000 $\Omega$ , reactance range: 5000 $\Omega$ at 1Mc. Cancelled 21 April 1948. s/a Navy type 60094.	BWA: Obs	8/61
TS-582A/U	RF Bridge		BWA: Obs	8/61
TS-583()/U	Square Wave Generator	Signal generator, square wave, 20cps to 10,000cps, primary frequency range; reasonable square wave to 100kc; for network testing.	AMC: Std-C	6/56
TS-583/U	Square Wave Generator	20cps to 10,000cps, primary frequency range; reasonable square wave to 100kc; for network testing.	BS: Ltd-Std BWO: Pref	1/62 7/63
TS-583A/U	Square Wave Generator	Signal generator, square wave; 20cps to 10kc single range, frequency characteristic within 0.5 $\mu$ sec, from 20cps to 10kc.	BS: Alt-Std	1/62
TS-583B/U	Square Wave Generator	Signal generator, square wave, 20cps to 100kc; 50v p-p maximum output; for network testing.	AF: Std BS: Std	1/54 1/62
TS-584()/U	Milliammeter Recorder	Ammeter, recorder, dc; 0 to 10Mc, 0 to 5ma, external shunt, to enable 2 ranges, 0 to 5ma, 0 to 10ma to be used.	AMC: Std-A	9/46
TS-585()/U	Output Meter	Output meter, portable, power range: 0.1 to 5000mw; Z range: 2.5 to 20,000 $\Omega$ , to measure the amount of AF power delivered.	AMC: Std-A	9/46
TS-585B/U	Output Meter	Output meter, portable, power range: 0.1 to 5000mw; Z range: 2.5 to 20,000 $\Omega$ , to measure the amount of AF power delivered.	AF: Ltd-Std	10/55
TS-585C/U	Output Meter	Output meter, portable, power range: 0.1 to 5000mw; Z range 2.5 to 20,000 $\Omega$ , to measure the amount of AF power delivered.	AF: Std BWA: D	10/55
TS-585D/U	Audio Level Meter	Frequency: 30 to 10,000cps. Power range: 0.1 to 5000mw in 4 ranges. Z: 2.5 to 20,000 $\Omega$ in 40 discrete steps. Self contained.	BWA: Pref	7/62
TS-587/U	Noise-Field Intensity Meter	15 to 400Mc; -6 to +40db referenced to 1 $\mu$ v into 100 $\Omega$ or 0 to 100 $\mu$ v scale markings. May be used as a 2 terminal voltmeter. Similar to AN/URM-3().	AF: Obs BS: Alt-Std	3/60 11/63
TS-587A/U	Noise-Field Intensity Meter	Same description as TS-587/U and (). This is a modified commercial model (Stoddard #NM-3A).	BS: Alt-Std	11/63
TS-588()/U	Signal Generator	Signal generator, AM, 9.5kc to 30Mc in 7 bands, 400cps internal modulation. Can be external. Variable to 80%.	AMC: Obs	1/59
TS-589()/U	Audio Oscillator	Oscillator, audio to use as modulating source for signal generators, 1000cps, 50/500/5000 $\Omega$ , 20 to 30mw/6v.	AMC: Obs	10/58
TS-590()/U	Signal Generator	Generator, signal RF, 100kc to 30Mc, for signal source in radio receiver test.	AMC: Obs	5/58
TS-591/CRN-16	Analyzer	Analyzer, sound, for radio beacon equipment.	AF: Obs	6/60
TS-592/UFM-15	Pulse Generator	Generator pulse, 50 to 10,000pps, internal and external synchronization, single or double pulse of variable prf generated. Output: one or two pulses separated from 2 to 30 $\mu$ sec either $\pm$ . Rise and fall times 0.05 to 0.25 $\mu$ sec, and 0.1 to 0.3 $\mu$ sec. Width: 0.5 to 100 $\mu$ sec. 20 to 200v or more at Z: 2500 $\Omega$ . Input Z: 1k $\Omega$ .	AF: Alt-Std	3/49
TS-594()/U	Radio Frequency Wattmeter	Power measurement, RF type, 1 to 20Mc frequency range, power range: 5 to 125w.	AF: Obs	6/60
TS-598/U	Pulse Tester	Pulse test, measures prf and duty cycle in either continuous or short (5 pulses or more) series, duty cycle is measured in percent make.	AF: Ltd-Std	3/54

NOMENCLATURE	ITEM NAME	TECHNICAL SPECIFICATIONS & FUNCTION	STATUS	DATE
TS-598A/U	Pulse Tester	Pulse test, measures prf and duty cycle in either continuous or short (5 pulses or more) series, duty cycle is measured in percent make.	AF: Std	3/54
TS-604/U	Relay Test Set	Relay test equipment, shows relay operation, relay current, line voltages, drop-out and pull-in voltages measured.	AF: Obs	11/59
TS-604A/U	Relay Test Set	Relay test equipment to check relay function, provides test voltages to relays.	AF: Obs	11/59
TS-605/U	Relay Test Set	Relay test equipment to check relay function.	AF: Std	11/49
TS-606/U	Signal Generator	Signal generator, AM, AM, 85kc to 40Mc, 8 channels, internal and switch controlled external modulation, fixed frequency 100/400/1000/3000cps.	AF: Alt-Std BWA: Obs	1/49 8/61
TS-607/U	Radio Noise Generator	Noise generator, pulse transmission, 100kc to 600Mc, provides constant reference level of broad-band radio noise.	AF: Obs	6/60
TS-609()/U	Signal Generator	Signal generator, AM, 10kc to 33Mc in 7 bands, internal modulation 400 to 1000cps.	AMC: Canc	3/59
TS-611()/FG	Teletypewriter Test Set	Teletypewriter test equipment to measure bias and distortion on teletype circuits.	AMC: Std-B	4/51
TS-612()/FG	Teletypewriter Test Set	Teletypewriter test equipment, automatic multiple transmitter of perfect teletype characters for test purposes.	AMC: Obs	5/58
TS-615()/U	Sound Analyzer	Sound analyzer, frequency measurement to determine amplitude and frequency of harmonics of complex waveform 20 to 16,000cps.	AMC: Std-A	9/49
TS-616()/U	Multitester	Multitester, combination type, portable, ac-dc, 0 to 6000v, 0 to 2000M $\Omega$ , 0 to 12a.	AMC: Obs	5/58
TS-617()/U	Q-Meter	20 to 625. Internal oscillator frequency; 50kc to 75Mc. External: 50kc to 1kc. 0 to 5v RF. Q accuracy: $\pm 5\%$ up to 30Mc.	AMC: Std-A	9/46
TS-617B/U	Q-Meter	Same description as TS-617()/U except 0 to 750 for overall Q range. Cancelled 12 January 1955.	AF: Std BWA: Pref AMC: Std-A	5/54 3/61 9/46
TS-618()/U	Multitester	Multitester, 0 to 1000vdc 6 steps, 0 to 100M $\Omega$ 6 steps.	AMC: Canc	3/59
TS-619()/U	Electronic Multitester	Voltmeter ac, VTVM, .05 to 300vac in 7 steps.	BWA: Obs AMC: Obs	8/61 1/59
TS-620()/U	Electronic Multitester	Voltmeter ac, electronic counter model, 0.1 to 150vac in 5 steps, linear up to 20Mc.	BWA: Obs AMC: Obs	8/61 11/58
TS-621()/U	Signal Generator	Signal generator, CW, internal pulse, internal simple FM, external pulse modulation, 3650 to 7300Mc, 1 band.	AMC: Std-A	6/53
TS-621(XN)/U	Signal Generator	Experimental Naval model for TS-621/U.	BS: Obs-nt	1/62
TS-621(XN-1)/U	Signal Generator	Experimental Naval model for TS-621/U.	BS: Obs-nt	1/62
TS-621/U	Signal Generator	Signal generator, CW, internal pulse, internal simple FM, external pulse modulation, 3650 to 7300Mc, 1 band.(ER)	BS: Ltd-Std BWA: D	1/62
TS-621B/U	Signal Generator	3800 to 7500Mc in 1 band within $\pm 1\%$ ; output: 0.1 $\mu$ v to 0.233v calibrated; modulation data: pulse, square wave and FM, 40 to 4000cps prf, external modulation also permitted, FM deviations of 0 to 3Mc. Same as TS-621A/U with exception of power receptical.	BWA: Pref	7/62
TS-622()/U	Signal Generator	Signal generator, AM,FM pulse modulation, frequency range: 7000 to 10,750Mc.	AMC: Std-A	6/53
TS-622(XN-1)/U	Signal Generator		BS: Obs-nt	1/62



NOMENCLATURE	ITEM NAME	TECHNICAL SPECIFICATIONS & FUNCTION	STATUS	DATE
TS-622/U	Signal Generator	Signal generator, AM,FM pulse modulation, Frequency range: 7000 to 10,750Mc.(ER)	BS: Ltd-Std BWA: Pref	1/62 3/61
TS-623/U	Multitester	Multitester, portable, 0 to 300 $\mu$ a(dc) 0 to 600ma(dc) 5 steps, 0 to 12adc, 0 to 10M $\Omega$ , voltage ranges to be less than 1000. Cancelled 11 October 1946. Use TS-352()/U.	BWA: Obs	1/62
TS-624()/U	Pulse Generator	Classified.	AF: Obs	9/59
TS-629()/U	Audio Level Test Panel	Audio level meter, 30 to 15,000cps, audio level volume indicator.	AMC: Std-A	8/57
TS-629/U	Audio Level Test Panel	Audio level meter, 30 to 15,000cps, audio level volume indicator.	AF: Ltd-Std	10/55
TS-629B/U	Audio Level Test Panel	Audio level meter, 30 to 15,000cps, audio level volume indicator.	AF: Std	10/55
TS-635/UP	Field Intensity Meter	110 to 220kc. For CW, pulse or 20 to 35pps Loran. Has internal calibrating generator (50/100/200/and 300 $\mu$ sec pulses). Display and provision for 6vdc operation.	AF: Ltd-Std	7/50
TS-636/G	Fault Locator	Fault location, pulse reflection type to determine opens, shorts, crosses and grounds in carrier type communications cable.	AMC: Canc	5/57
TS-639/U	Slotted Line	Slotted line, measure field distribution on line and impedance measurement, range: 7050 to 10,000Mc. Cancelled 24 June 1949. Replaced by IM-43()/U.	AF: Ltd-Std	4/51
TS-641/U	Slotted Line	Slotted line, measure field distribution on line and impedance measurement, range: 5850 to 8200Mc. Cancelled 24 June 1949. Sb IM-45()/U.	AF: Alt-Std	3/49
TS-642/U	Radar Test Set	Radar test equipment, power, frequency measurement, FM, CW signal generator, 8500 to 9600Mc.	BS: Ltd-Std	1/62
TS-643()/AMQ-2A	Aerograph Calibration Set	Consists of a master self synchronous unit and 3 test cables. Identical to TS-407/AMQ-2 except for recalibrated dial face.	AMC: Std-C	1/49
TS-647()/U	Battery Tester	Battery test set, tests storage batteries, contains voltmeter, hydrometer, resistors and test prods.	AMC: Canc	3/59
TS-648/U	Vibrator Test Set	Vibrator test, measures frequency, contact timing and operating current.	AF: Obs	8/60
TS-652/GG	Teletype-writer Test Set	Makes performance tests, teletype code disc operated, signal distortion test.	BS: AltStd	11/63
TS-653/APG	Synchro Phasing Tester	Synchro test set, injects 1.5vac to synchro generators (etc) and measures voltages thereon.	AF: Ltd-Std	8/59
TS-656()/U	Meter Tester	Meter test equipment, rapid testing of ac and dc voltage and current meters.	AMC: Std-A	5/53
TS-658/UG	Teletype-writer Test Set	Transmits repeated characters for test. Can be either perfect or 20% end distortion or bias at 3680pm or 23 cycle reversals. Synchronous motor.	BS: Ltd-Std	11/63
TS-659(XN)/UG	Teletype-writer Test Set	Experimental Naval model for TS-659/UG.	BS: Ltd-Std	1/59
TS-659/UG	Teletype-writer Test Set	Teletypewriter equipment, general test purposes on equipment and circuits. Same description as TS-658/UG but has series governed motor instead of synchronous motor.	BS: Ltd-Std	1/62
TS-661()/PT	Telephone Test Set	Telephone test equipment for locating faults on lines.	AMC: Canc	9/53
TS-662()/GT	Telephone Test Set	Telephone test equipment for locating faults on lines.	AMC: Canc	9/53

NOMENCLATURE	ITEM NAME	TECHNICAL SPECIFICATIONS & FUNCTION	STATUS	DATE
TS-665/U	Decade Resistor	Resistor decade, 0 to 1110 $\Omega$ , 0.1% accurate on 10 and 100 $\Omega$ steps.	BWA: Obs	8/61
TS-666/AP	Computer Calibrator	Computer equipment, is ac phase sensitive null detector and ratio meter.	AF: Ltd-Std	4/54
TS-666A/AP	Computer Calibrator	Computer equipment, is ac phase sensitive null detector and ratio meter.	AF: Std	4/54
TS-667()/AP	Computer Test Set	Computer equipment, is a dc null indicator operating thru resistance ratios to check Ground Position Indicator AN/APA-44.	AF: Alt-Std	5/54
TS-667/AP	Computer Test Set	Computer equipment, is a dc null indicator operating thru resistance ratios to check Ground Position Indicator AN/APA-44.	AF: Obs	4/59
TS-668/AP	Alignment Tester	Amplifier alignment, 15 to 1000Mc, portable, includes 0 to 1ma meter.	AF: Obs	5/54
TS-671/U	Decade Capacitor	Decade capacitor, 100/1000/3000/mm <sup>2</sup> ; 0.01/0.02/0.1/0.25/20mf capacitors.	BS: Std	1/62
TS-672/U	Decade Resistor	Decade resistor, 10M $\Omega$ in steps of 1.0 $\Omega$ .	BS: Alt-Std	1/62
TS-672A/U	Decade Resistor	Decade resistor, 12M $\Omega$ in steps of 1.0 $\Omega$ .	BS: Std	1/62
TS-679()/U	Decade Resistor	Decade resistor, provides resistances from 0.1 to 111,111 $\Omega$ in 9.1 $\Omega$ steps.	AMC: Obs	11/60
TS-679A/U	Decade Resistor	Decade resistor, provides resistances from .1 to 111,111 $\Omega$ in .1 $\Omega$ steps.	AF: Std	9/57
TS-682()/GSM-1	Meter Test Set	Meter test equipment, to calibrate meter, output: 0 to 100 $\mu$ a, 0 to 100adc; from 0 to 100a(ac); 0 to 100mv to 0 to 2000vdc and 0 to 1v/2000vac.	AMC: Std-A	4/61
TS-683()/TSM	Crystal Impedance Meter	Crystal equipment, impedance measurement, frequency range: 10Mc to 100Mc to test units operating at their resonant frequencies.	AMC: Std-A	10/52
TS-683/TSM	Crystal Impedance Meter	Crystal equipment, impedance measurement, frequency range: 10Mc to 100Mc, to test units operating at their resonant frequencies.	AF: Ltd-Std	1/57
TS-683A/TSM	Crystal Impedance Meter	Crystal equipment, impedance measurement, range: 10Mc to 140Mc, to measure series and anti-resonant resistance of crystals.	AF: Std	1/57
TS-684/URM-30	Analyzer	Analyzer, power measurement, measures AF power output of receiver and RF power output of transmitter.	AF: Obs	8/60
TS-685/ARN-5	Range Calibrator	Range calibration equipment to adjust and calibrate radar range output voltage to correspond to standard range reference voltages.	BWA: Sup	10/62
TS-688/U	Summation Bridge	Bridge, summation, range: 200 $\Omega$ nominal, accuracy: 1%.	AF: Obs	6/55
TS-695()/FTM	Telephone Test Set	Provides test facilities required for a dial central office.	AMC: Obs	6/61
TS-696/UPM-11	Range Calibrator	Range calibrations, intercepts and re-transmits identical pulse delayed to CRT at 4000 yard multiples, 8600 to 9500Mc range.	BWA: Obs	8/61
TS-696A/UPM-11	Range Calibrator	Range calibrations, intercepts and re-transmits identical pulse delayed to CRT at 4000 yard multiples, 8600 to 9500Mc range.	BWA: Obs	8/61
TS-698/FTM	Telephone Test Set	Telephone equipment, test telephone connector switches.	AMC: Std-A	7/60
TS-699()/FTM	Telephone Test Set	Telephone equipment, tests telephone relays, current flow.	AMC: Std-A	9/59
TS-700()/FTM	Telephone Test Set	Telephone equipment, tests telephone relays, current flow.	AMC: Std-A	10/60
TS-700/PT	Telephone Test Set	Telephone test equipment, impulse test set for testing telephone stepping switches.	AF: Std	5/52

NOMENCLATURE	ITEM NAME	TECHNICAL SPECIFICATIONS & FUNCTION	STATUS	DATE
TS-701/ASQ	Magnetic Detector Test Set	Used to test the servo systems of the detecting set.	BWA: Sup	10/62
TS-703()/UF	Shutter Speed Tester	Photographic equipment to check camera shutter speeds. Cancelled 26 October 1954. Rb AN/TFM-3().	AMC: Canc	11/55
TS-705()/U	Distortion-Noise Level Test Set	Noise and distortion measurement, 30 to 15000cps, measures distortion from 0 to .3 to 100% and noise 85db below 100% modulation.	AMC: Std-A	10/50
TS-706()/UP	Range Calibrator	Range calibration of Ord Department Set T-33, supplies sync and spaced pulses.	AMC: Std-A	10/57
TS-707()/U	Transmission Measuring Set	Transmission measuring set, measures noise in db above reference noise.	AMC: Dev	9/50
TS-708()/FRC-10	Telegraph Test Set	Makes local terminal tests on carrier telegraph equipment.	AMC: Std-B	5/61
TS-710()/TSM	Quartz Crystal Unit Test Set	Crystal equipment, measures effective resistance and frequency, 10 to 1100kc, 0 to 500kc.	AMC: Std-A	11/53
TS-710/TSM	Quartz Crystal Unit Test Set	Crystal equipment, measures effective resistance and frequency, 10 to 1100kc, 0 to 500kc.	AF: Std	8/55
TS-711()/U	Frequency Divider	Frequency measurement, divider, divides 20 to 500Mc down to 1 to 10Mc.	AMC: Dev	1/51
TS-712()/TCC-11	Telephone Test Set	Telephone test equipment, repeater test, range: 1kc to 68kc.	AMC: Std-A	9/53
TS-712/TCC-11	Telephone Test Set	Checks transmission levels of 1 and 68kc, ringing signal of 1600cps, dc operating voltage, emission characteristics of amplifier tubes and measures battery current and voltage. Specialized measurements required in installation and maintenance of Telephone Repeater AN/TCC-11().	AF: Std	11/56
TS-713/U	Synchro Test Set	Synchro test equipment, simulates output of antenna selsyns, consists of 36:1 and 1:1 selsyn and drive motor.	AF: Ltd-Std	4/57
TS-713A/U	Synchro Test Set	Synchro test equipment, simulates output of antenna selsyns, consists of 36:1 and 1:1 selsyn and drive motor.	AF: Std	4/57
TS-715()/FTC	Telephone Test Desk	Telephone test equipment, used to test lines and telephones served by exchange.	AMC: Std-A	9/56
TS-716()/U	Telephone Test Set	Telephone test equipment, to measure electrical characteristics of telephones, headsets, handsets, magnetic and carbon microphones, etc.	AMC: Std-A	1/63
TS-723()/U	Spectrum Analyzer	Distortion measuring range, 20cps to 20kc, measures harmonic distortion audio frequency voltages.	BWO: Pref AMC: Std-A	7/63 6/54
TS-723/U	Spectrum Analyzer	Spectrum analyzer, distortion measuring range: 20cps to 20kc, measures harmonic distortion on audio frequency voltages.	BS: Alt-Std	1/62
TS-723A/U	Spectrum Analyzer	20 to 20,000cps, 3 bands. 4 channels; meter channel: 10cps to 10kc $\pm 3\%$ ; distortion channel: rejects fundamentals from 20cps to 20kc (80db); set level channel: $\pm 1$ db from 20cps to 20kc, $\pm 2.5$ db from 10cps to 100kc; noise channel: $\pm 1$ db from 20cps to 15kc, $\pm 2\%$ . Indicates 0 to lma $\pm 1\%$ . Input Z: meter channel: $37\mu\text{mf}/1$ or $3\text{M}\Omega$ ; all others: $0.2\text{k}\Omega/40\mu\text{mf}$ . Measures distortion level and noise.	AF: Std BS: Std BWA: Pref	12/62 1/62 3/61
TS-724/SAC	Infrared Test Set	Classified.	BS: Obs	10/62
TS-725()/TTQ-3	Telephone Test Set	Telephone test equipment, continuity check, resistance test, ohmmeter 0 to 50k $\Omega$ .	AMC: Std-C	1/57



NOMENCLATURE	ITEM NAME	TECHNICAL SPECIFICATIONS & FUNCTION	STATUS	DATE
TS-737()/U	Battery Test Set	Battery tester, hand held, one meter calibrated 1.0 to 1.7v, 25.2 to 30v.	AMC: Std-A	10/56
TS-738/UPM-11A	Range Calibrator	Range calibrator, calibrates accuracy of radar sets, 8600 to 9500Mc pulses, 0.5 to 2.0sec wd, 200 to 4000pps, 90db below 1mw level.	BWA: Obs	10/62
TS-738A/UPM-11A	Range Calibrator	Range calibrator, calibrates accuracy of radar sets, 8600 to 9500Mc pulses, 0.5 to 2.0sec wd, 200 to 4000pps, 90db below 1mw level.	BWA: D	
TS-739/UPM-10	Radar Test Set	Frequency measurement, contains sweep generator and attenuator, measures: 8500 to 9600Mc, sweep generator 0 to 6Mc/sec.	BWA: Obs	10/62
TS-739A/UPM-10	Radar Test Set	Frequency measurement, contains sweep generator and attenuator, measures 8500 to 9600Mc, sweep generator 0 to 6Mc/sec.	BWA: Obs	10/62
TS-739B/UPM-10	Radar Test Set	Frequency measurement, contains sweep generator and attenuator, measures 8500 to 9600Mc, sweep generator 0 to 6Mc/sec.	BWA: D	
TS-745/APM-66	Altimeter Test Set	Test set altimeter, radar, checks operation and measures voltage, current and height.	AMC: Std-A	7/60
TS-746/APM-66	Radar Altimeter Calibrator	Calibrates altitude indications of Radar AN/APN-22, fixed altitude calibration 200 to 300 feet.	AMC: Std-A	7/60
TS-747()/U	Calibrator Test Set	Vibrator test, power supply test, measures service-ability of vibrators.	AMC: Dev	5/52
TS-750/URM	Radio Test Set	100cps to 20kc, 20 to 100kc, 100kc to 425Mc. Used for; fault isolation, detection and analysis of RF in receivers, signal tracing through RF, IF, and audio stages and measures frequency and amplitude of RF signals from external generator.	BWA: Obs	8/16
TS-750A/URM	Signal Tracer		BWA: Obs	8/61
TS-751()/U	Battery Test Set	Battery tester, dry cell, counter type, 1 meter calibrated in amperes 0 to 1000adc, predicts service life.	AMC: Dev	7/52
TS-752/ASB-1	Crystal Test Set	Crystal test equipment, tests, receiver, search AFC and Beacon AFC crystal currents.	BWA: Sup	10/62
TS-765()/U	Battery Syringe Hydrometer	Battery test, hydrometer, 1 barrel, glass, 1.040 to 1.420 specific gravity range.	AMC: Std-A	10/57
TS-776()/U	Battery Test Set	Battery test set, hand held for storage batteries, range: 1.0 to 1.7 and 24 to 37.4v scales.	AMC: Std-A	6/62
TS-776/U	Battery Test Set	Battery test set, hand held for storage batteries, range: 1.0 to 1.7 and 24 to 37.4v scales.	AF: Alt-Std	2/57
TS-779()/U	Summation Bridge	Power measurement, bridge, using bolometer, measures 0 to 10mw in increments of 1mw and 0 to 10mw in 0.1mw increments.	AMC: Std-A	10/55
TS-784()/PD	Radiac Calibrator	Radiac equipment, ionization equivalent calibration 4 to 40,000mr/hr in 5 steps.	AMC: Std-A	8/55
TS-785()/GG	Teletype-writer Test Set	Teletype test equipment, measures signal distortion, 20 and 60ma neutral telegraph signal input, 60/75 or 100wpm speeds.	AMC: Std-A	5/59
TS-805()/U	Stroboscope	Stroboscope, flashing light synchronization 600/14,400rpm range, to measure speed of rotating or vibrating mechanisms.	AMC: Std-A	4/55
TS-805/U	Stroboscope	Stroboscope, flashing light synchronization 600/14,400rpm range, to measure speed of rotating or vibrating mechanisms.	BS: Ltd-Std	1/62
TS-805A/U	Stroboscope	Stroboscope, flashing light synchronization 600/14,400rpm range, to measure speed of rotating or vibrating mechanisms.	BS: Ltd-Std	1/62
TS-806()/U	Electronic Tachometer	Speed measurement: 100 to 20,000cps, can measure speeds of from 10 to 10,000rpm without loading machinery under test.	AMC: Std-A	7/54

NOMENCLATURE	ITEM NAME	TECHNICAL SPECIFICATIONS & FUNCTION	STATUS	DATE
TS-810()/U	Crystal Calibrator	Oscillator, crystal controlled, 5 channels, 1Mc, 100kc, 10kc, 1kc and 100cps, pulse out, 0.1μsec wide, from +0.5v to 5v adjustable, 93Ω load.	AMC: Std-A	11/56
TS-810/U	Crystal Calibrator	Oscillator, crystal controlled, 5 channels, 1Mc, 100kc, 10kc, 1kc and 100cps, pulse out, 0.1μsec wide, from +0.5v to 5v adjustable, 93Ω load.	AF: Std BWA: Pref	2/62 3/61
TS-816()/U	Telephone Test Set	Performs insulation breakdown test. Output: 630vdc and 0 to 2k/2MΩ ranges. dc tone: intermittent or continuous output: 500cps.	AMC: Std-A	5/56
TS-822()/U	Radio Test Set	Radio test equipment, for maintaining and aligning BC-611-() Receiver-Transmitter.	AMC: Std-C	4/57
TS-847/MSW-1	Radar Test Set	Classified.	BWO: Std-B	7/58
TS-847A/MSW-1	Radar Test Set	Classified.	BWO: Std-A	7/58
TS-873()/U	Crystal Unit Rectifier Test Set	Crystal test equipment, tests front and back resistance of germanium crystals. 0 to 500Ω at +1v and 0 to 1MΩ at -10, -50 or -100v.	AMC: Dev	9/56
TS-874/DSM	Electrical Power and Servo Test Set		BWO: Std-B	7/58
TS-874A/DSM	Electrical Power and Servo Test Set	Provides means of checking servo systems in Nike B Missile. To be used in launching area. Includes a 50μa(dc) and 10-0-10μa(dc) and 25-0-25μa(dc) fs voltmeters. Also tests vibrator power supply, missile roll position and pressure pickup.	BWO: Std-A	11/58
TS-875/DSM	Potentiometer Centering Test Set		BWO: Std-B	7/58
TS-888()/UG	Telegraph Test Set.	Telegraph test equipment provides undistorted signals (reversals) for alignment.	AMC: Dev	7/55
TS-890A/URN-3	Signal Generator Pulse-Analyzer	Measurement of RF pulse spectrum, measure of receiver sensitivity, signal generator 1035Mc to 1150Mc, output 10μv to 0.5v pulse or CW modulation.	AF: Tent-St	8/59
TS-891/URN-3	Pulse Counter Power Meter	Power measurement and pulse counting measures peak power 0 to 7.5kw and 80 to 8000pps.	AF: Alt-Std	5/58
TS-897/U	Electrical Power Test Set	Power supply test, checks voltage and current and ripple of single and multiple output dynamotors.	AF: Std	4/56
TS-907/URL	Radio Test Set	Radio test equipment (countermeasures) provide mechanical wobbling for alignment of pre-selectors (RF tuners). External scope is required.	BS: Std	1/62
TS-909()/PPM	Computer Test Set	Synchro test equipment, used to position synchros in computer so they are exactly on zero.	AMC: Std-A	1/59
TS-911/U	Servo Test Set	Voltmeter range: 0 to 50/500vdc, 1000Ω/v. Measures and/or sets servo loop gains and track loop performance. Measures servo motor balance currents and transient response of servo loops.	BS: Std	1/62
TS-912/U	Relay Test Set	Tests IBM wire contact relays.	BS: Ltd-Std	11/63
TS-913()/U	Electrical Power Test Set	Power measurement and adjustment, adjusts signal power to precise value, 0 to 500kc range.	AMC: Dev	2/56
TS-914()/U	Electrical Power Test Set	Voltage and frequency measurement: 58 to 62cps range voltmeter, 0 to 150/300vac, to monitor ac power.	AMC: Std-A	7/58
TS-917()/GG	Teletype-writer Test Set	Teletype test equipment, to measure bias and distortion of telegraph polar and neutral signals.	AMC: Std-B	10/60

NOMENCLATURE	ITEM NAME	TECHNICAL SPECIFICATIONS & FUNCTION	STATUS	DATE
TS-917/GM	Teletype-writer Test Set	Teletype test equipment, to measure bias and distortion of telegraph polar and neutral signals.	AF: Std BS: Ltd-Std	11/56 1/62
TS-934()/U	Electrical Power Test Set	Voltage and frequency measurement, 380 to 400cps voltage: 0 to 150/300vac to monitor power from remote source.	AMC: Std-A	11/57
TS-934/U	Electrical Power Test Set	Voltage and frequency measurement, 380 to 400cps voltage: 0 to 150/300vac to monitor power from remote source.	AF: Std	12/57
TS-963/GSQ	Intercommu-ication Test Set	Tests operator's control unit, controller's switch-board panel and other intercommunications equipments by permitting insertion of components into it and providing single "go-no-go" indication.	AMC: Std-A	7/58
TS-965()/U	Armature Test Set	Armature test equipment, checks for shorts, opens and grounds in armature of motors, generators and dynamotors.	AMC: Std-A	3/57
TS-969/U	Stroboscope	Stroboscope, measures shaft speeds, 3600 fixed, 360 to 1400rpm, 720 to 2880rpm, 2400 to 96,000rpm, 7200 to 28,800rpm.	BWA: Pref	3/61
TS-971()/G	Radio Test Set	Frequency measurement, measures carrier frequency deviation, modulation (FM) of carrier, receiver range: 150 to 160Mc, WWV receiver range: 152 to 174Mc. Relative field strength.	AF: Std AMC: Std-A	1/57 7/56
TS-972/UP	Computer Test Set	Computer test equipment, to check computer over-all performance.	AF: Std	3/56
TS-974()/U	Radio Test Set	Frequency measurement, measures carrier frequency deviation, modulation (FM) of carrier, control receiver range: 30 to 50Mc WWV receiver range: 152 to 174Mc.	AMC: Std-A	7/56
TS-983/U	Battery Test Set	Measures dry batteries by "ma-good" or "voltsgood" meter type indication.	AF: Ltd-Std	3/60
TS-996/ARR-44	Data Link Test Stand	Provides mechanical assistance for testing AN/ARR-44&().	AF: Tent-Std	1/57
TS-997()/PRC	Radio Test Set	Radio test equipment, used to test IF gain, IF selectivity curve skirt symmetry, IF band pass, discriminator center frequency.	AMC: Std-A	1/57
TS-1001()/U	Transistor Test Set	Measures directly the amplification (Beta) and the reverse saturation collector (Ico) of small signal junction germanium transistors. Not adequate for point contact, silicon and power transistor measurements.	AMC: Dev	7/58
TS-1008()/G	Transmission Line Fault Locator	Locates faults 0 to 75 miles depending on scale and facility under test. Uses pulse echo technique, portable unit.	AMC: Dev	5/57
TS-1009()/G	Transmission Line Fault Locator	0 to 150 miles. A fixed position locator for use in locating faults on transmission line by pulse reflection principle.	AMC: Dev	7/58
TS-1024/MPM-39	Computer Test Set	Classified.	BWO: Std-A	11/58
TS-1025/MPM-39	Servo Test Set	Classified.	BWO: Std-A	11/58
TS-1026/MPM-39	Servo Test Set	Classified.	BWO: Std-A	11/58
TS-1027/MPM-40	Radar Test Set	Classified.	BWO: Std-A	11/58
TS-1028/MPM-40	Electrical Power Test Set	Classified.	BWO: Std-A	11/58
TS-1053/G	Electrical Circuit Test Set	Circuit test for NIKE elevator and launcher system, light indicates location of difficulty.	BWO: Std-B	7/58



NOMENCLATURE	ITEM NAME	TECHNICAL SPECIFICATIONS & FUNCTION	STATUS	DATE
TS-1060()/GG	Teletype-writer Test Set	Teletypewriter test equipment, measures distortion and bias of signals, neutral and polar, speeds, 60/75/ and 100wpm.	AMC: Std-A	5/58
TS-1060A/GG	Teletype-writer Test Set	Used to measure bias and distortion of teletype-writer signals, circuits and equipment. Speeds: 60, 75 and 100wpm of regular and special IBM character plus 5 UCO synchronous signals. CRT display of distortion. Two way interchangeable with TS-1060/GG except for maintenance parts.	BS: Std	1/62
TS-1065/APH.	Recorder Test Set	Provides test signals for all recording channels and measures the recording currents to each. Measure output of RO-43/APH: pulsed RF of 30Mc, 50µsec width. Repetition rate: 910pps.	AF: Std	2/61
TS-1072/TFM-3	Flash Synchronizer Photographic Tester	For testing focal plane shutters, lens shutters, synchronization, continuity, flash bulbs and batteries.	AMC: Obs	10/59
TS-1074/G	Potenti Test Set	Tests the output response, linearity and electro-mechanical accuracy of linear feedback, potentiometers used in the fin control circuits of the NIKE missile.	BWO: Std-B	7/58
TS-1076/G	Electrical Power Test Set	Used to calibrate and test the test power control unit and the test control unit, including leakage and continuity tests.	BWO: Std-B	7/58
TS-1077/G	Servo Test Set	Used to test missile four-way transfer valve in the following stages of assembly, valve only, rudder and elevator manifold assembly, rudder and elevator section, Aileron actuator assembly, Aileron control section.	BWO: Std-B	7/58
TS-1078()/G	Battery Test Set	For water activated batteries, 0 to 3v, 0 to 10v, 0 to 175va, calibrated in milliamperes, 100 and 500ma range.	AMC: Dev	7/58
TS-1078/G	Battery Test Set	For water activated batteries, 0 to 3v, 0 to 10v, 0 to 175va, calibrated in milliamperes, 100 and 500ma range.	AF: Std	3/60
TS-1079()/G	Signal Comparator Test Set	Checks phase-shifting perfect, phase shifter, range: 0 to 360°, counter range: 0 to 2000 yards, accuracy to nearest 10 yards.	AMC: Dev	7/58
TS-1079/G	Signal Comparator Test Set	Checks phase-shifting perfect, phase shifter, range: 0 to 360°, counter range: 0 to 2000yards, accuracy to nearest 10 yards.	AF: Std	3/60
TS-1080()/G	Radiosonde Test Set	Signal generator, 396 to 410Mc, wavemeter 396 to 410Mc ±250kc, provides means for checking the performance of radiosonde systems.	AMC: Dev	7/58
TS-1080/G	Radiosonde Test Set	Signal generator 396 to 410Mc, wavemeter 396 to 410Mc ±250kc, provides means for checking the performance of radiosonde systems.	AF: Std	3/60
TS-1086()/U	Gyro Magnetic Compass Test Set	Type P-L Slaved Gyro Magnetic Field Tester for checking Gyro Magnetic Compass Set AN/ASN-13 and Compass Sets J-2.	AMC: Std-A	8/60
TS-1100()/U	Transistor Test Set	Transistor tester, permits evaluation of transistors without removal from their circuits, tests characteristics of transistors.	AMC: Std-A	3/62
TS-1100/U	Transistor Test Set	In-circuit. Measures beta: 10 to 100; I <sub>CO</sub> : 0 to 50µa. Contains 12v power source and bias source.(ER)	AF: Std BS: Alt-Std BWA: Pref BWO: Pref	6/59 1/62 3/61 7/63
TS-1100A/U	Transistor Test Set	Beta and I <sub>CO</sub> measurements. Ranges: 1 to 300 in 4 bands for beta and 0 to 500µa in 2 bands for I <sub>CO</sub> . Internal battery source. Can test in-circuit.	BS: Std BWO: Pref	1/61 7/63
TS-1194()/U	Relay Test Set	Primarily used in testing SIGMA series #72 relays.	AMC: Std-A	1/61

NOMENCLATURE	ITEM NAME	TECHNICAL SPECIFICATIONS & FUNCTION	STATUS	DATE
TS-1194()/U	Relay Test Set	Primarily used in testing SIGMA series #72 relays.	AMC: Std	1/61
TS-1194/U	Relay Test Set	Primarily used in testing SIGMA series #72 relays.	BS: Std AMC: Std-A	1/62 1/61
TS-1194A/U	Relay Test Set	Measures trip or operating currents, contact bias under operating conditions and break of contacts. Range: 20 to 125 DOT cps. Sensitivity: 5 to 60ma.	BS: Ltd-Std	1/62
TS-1202()/U	Radio Frequency Power Test Set	Wattmeter, measures low power output of low power transmitters 1 to 1000Mc, 0 to 4w.	AMC: Std-B	8/62
TS-1248/USM-99	Electrical Power Test Set	Used for pre-flight test and adjustment of primary power sources in naval aircraft. Measures voltage, frequency, and phase sequence. Voltmeter: 0 to 35/150/300vdc; sensitivity. Frequency: 380 to 420cps.	BWA: Pref	7/62
TS-1265()/ASN	Automatic Pilot Test Set	Provides necessary signal and power sources for bench testing control amplifiers of autopilot systems, including meters for monitoring signal and power voltages.	AMC: Std-A	8/60
TS-1266()/ASN-22	Automatic Pilot Test Set	Provides necessary switches, meters and connections to adjust and test the slaving amplifier modular subassembly of the control gyro and amplifier part of autopilot system.	AMC: Std-A	1/63
TS-1267()/ASN	Automatic Pilot Test Set	Provides a means of checking the multiple channel amplifier employed in 3 axis gyro and amplifier assembly of the autopilot systems.	AMC: Std-A	8/60
TS-1268()/ASN	Automatic Pilot Test Set	Provides means of checking operation of servo amplifier employed in the 3 axis gyro and amplifier assemblies of autopilot systems.	AMC: Std-A	8/60
TS-1269()/ASN	Automatic Pilot Test Set	Permits dynamic testing of main chassis assembly with amplifier and gyro sub assemblies removed. Tests include power distribution, relaying functions and circuit loadings.	AMC: Std-A	8/60
TS-1271()/ASN-22	Automatic Pilot Test Set	Provides means of checking operation of pitch synchronizer assembly employed in flight controller for autopilot.	AMC: Std-A	1/63
TS-1274()/ASN-22	Automatic Pilot Test Set	Permits checking flight controller used in autopilot. Power requirements: 110vac 400c, 3 phase; 27.5vdc. Tests switching ability, solenoid operation, signal outputs.	AMC: Std-A	1/63
TS-1275()/ASN-23	Servo Test Set	Incorporates switches, dials, cables, controls, and meter for checking reactions of servo motor assembly under simulated flight conditions.	AMC: Std-A	8/60
TS-1276()/ASN-23	Automatic Pilot Test Set	Provides equipment necessary for testing, adjusting, and trouble shooting motor box as individual component of autopilot.	AMC: Std-A	8/60
TS-1285/URM-120	Wattmeter	2 to 100Mc in 2 bands. 0 to 1/5/10/50/100/500 and 1000w $\pm 5\%$ of fs. Insertion VSWR: 1.08 or less. Coupler detector is rotatable through 180° for reflected or incident power readings.	AMC: Std-A	1/61
TS-1326/DSM	Electrical Power and Servo Test Set	Checks servo systems in NIKE-Hercules missile, and voltage measuring circuits for checking missile voltages and pressure pickup.	BWO: Std-A	11/58
TS-1333/U	Voltage Calibrator	100v maximum range, 0.5% accuracy. Measures low frequency voltage.	BS: Std BWO: Pref	4/63 7/63
TS-1342()/ASM-24	Gyro Magnetic Compass Test Set	Tests gyro magnetic compass system J-2 and AN/ASM-13. Reads dc current and ac frequency. Includes inverter to supply 115vac, 400cps 3 phase.	AMC: Std-A	8/60
TS-1371/GWM-4	Adapter Test Set	Connector to test B-52/GAM-77 special weapon monitor and control circuitry.	AF: Std	6/60

NOMENCLATURE	ITEM NAME	TECHNICAL SPECIFICATIONS & FUNCTION	STATUS	DATE
TS-1376/M	Flight Control Test	Automatically tests the missile flight controller and localizes malfunctions to the flight controller, the test set, or its comparator.	BWO: Std-B	8/61
TS-1377/M	Electronic Circuit Plug-In Unit Test Set	Provides all power for subassemblies of MAC and a signal of 32vps for calibration of timers.	BWO: Std-B	8/61
TS-1379/U	Spectrum Analyzer	2 to 40Mc $\pm 1\%$ in 4 bands. Input Z: 50 $\Omega$ . Uses logarithmic vertical CRT axis to permit ready measurement of in-band third order distortion in SSB transmitters.	BS: Std	1/62
TS-1380/T	Flare Ejector Test Set	Designed to test the guidance section, fins, and overall electrical system.	BWO: Std-A	11/58
TS-1458()/U	Radio Test Set	For testing Radio Sets AN/ARX-44 and AN/ARC-45; provides facilities for interconnecting all units of equipment into a system, and makes it possible to perform the necessary electrical tests to assure normal functioning of the system.	AMC: Std-A	1/61
TS-1467(XG-1)/URM-114	Radio Calibrator	Permits silent tuning of the final amplifier stage the base loaded and tuned antennas. Frequency range: 2 to 32Mc.	BS: Ltd-Std	11/63
TS-1467/URM-114	Radio Calibrator	Permits silent tuning of the final amplifier stage, the base loaded and tuned antennas. Frequency range: 2 to 32Mc.	BS: Std	11/63
TS-1474/ARM-51	Radio Test Set	Provides operational testing facilities for the Radio Sets AN/ARC-27 and 55.	AMC: Std-A	5/61
TS-1516/M	Missile Guidance Components Test Set	Used to locate faulty components on circuits in subassemblies of the AN/DJW-9 in LACROSSE I Missile.	BWO: Std-B	8/61
TS-1616/APS-104	Computer Test Set	Provides for selection of various voltages and currents for direct measurements on a self contained meter and for remote selection of signals to a remote VTVM.	AF: Ltd-Std	11/63
TS-1624()/ASM-57	Amplifier Indicator Test Set	Simulates signals identical to those present in the Amplifier Assembly AM-2853()/ASN, and measures the ac input signal, tests input signals under actual flight conditions, tests flag warning circuits, and tests three servo channels.	AMC: Std-A	3/62
TS-1625()/ASM-57	Computer Test Set	Simulates and tests selected heading, bank and course datum signals normally supplied the Steering Computer, CD-583()/ASN.	AMC: Std-A	3/62
TS-1626()/ASM-57	Indicator Test Set	Functionally tests all operational characteristics of the Altitude-Navigation Approach Horizon Indicator ID-882()/ASM.	AMC: Std-A	3/62
TS-1627()/ASM-57	Indicator Test Set	Functionally tests all operational characteristics of the Course Indicator ID-883()/ASN.	AMC: Std-A	3/62
TS-1636()/APN-129(V)	Console Test Set		AMC: Std-A	7/62
TS-1637()/APN-129(V)	Power Supply Test Set		AMC: Std-A	10/62
TS-1639()/APN-129()	Computer Test Set		AMC: Std-A	7/62
TS-1640()/APN-129(V)	Signal Data Converter Test Set		AMC: Std-A	9/62
TS-1641()/APN-129(V)	Simulator Test Set		AMC: Std-A	9/62
TS-1643()/ASW-12(V)	Altitude Control Analyzer	Supplies power to energize C-3106/ASW-12(V) and measures output signals while bench testing.	AMC: Std-A	7/62



NOMENCLATURE	ITEM NAME	TECHNICAL SPECIFICATIONS & FUNCTION	STATUS	DATE
TS-1644()/ASW-12(V)	Displacement Gyroscope Analyzer	Supplies power to energize Gyro CN-601()/ASW-12(V) and measures its output signals while bench testing.	AMC: Std-A	7/62
TS-1651()/ASW-12(V)	Collective Pitch Command Control Tester	Supplies power to energize C-3736/ASW-12(V) and measures its output signals when bench testing.	AMC: Std-A	7/62
TS-1652()/ASW-12(V)	Coupler Tester	Supplies power and simulated signals to navigational coupler and measures output signals when bench testing.	AMC: Std-A	7/62
TS-1653()/ASW-12-(V)	Instrument Testing Tilting Gyro Table		AMC: Std-A	7/62
TS-1655()/ASW-12(V)	Calibration Unit Test Set	Using external signal generator and VTVM, it tests null, gain, diode, and relay of Calibration Unit MX-3535()/ASW-12(V).	AMC: Std-A	9/62
TS-1656()/ASW-12(V)	Attitude Control Tester	Supplies power to C-3108/ASW-12(V) and measures output signals when bench testing.	AMC: Std-A	7/62
TS-1657()/ASW-12(V)	Rotary Transducer Tester	Supplies power to energize rotary motion transducer and measures output voltage and resistance for bench testing.	AMC: Std-A	7/62
TS-1658()/ASW-12(V)	Automatic Pilot Controller Tester	Supplies power to C-3107()/ASW-12(V) and measures output when bench testing. Provides dc voltage to servo-effort indicators and ac voltage to edge-lighting circuit.	AMC: Std-A	7/62
TS-1659()/ASW-12(V)	Attitude Reference Control Tester	Supplies power to subassemblies of the attitude reference control and measures output signals when bench testing. Can measure inputs to sub-assemblies and check continuity.	AMC: Std-A	7/62
TS-1660()/ASW-12(V)	Gyro Control Tester	Supplies power to erection control module of displacement gyro and measures output signals when bench testing. Provides external load for power warning indicator. Controls roll erection relay and visual indication when relay is energized.		
TS-1661()/ASW-12(V)	Coupler Tester	Supplies power to navigational coupler and measures output when bench testing. Provides signals to lateral and vertical axis channel assembly.	AMC: Std-A	7/62
TS-1662()/ASW	Portable Compass Analyzer	Specific design for field testing of Lear MA-1 Compass Components.	AMC: Std-A	1/63
TS-1663()/ASW-12(V)	Rotary Actuator Tester	Supplies power to Rotary Electro-Mechanical Actuator TG-92()/ASW-12(V), TG-78()/ASW-12(V), TG-80()/ASW-12(V) and measures output signals when bench testing.	AMC: Std-A	8/62
TS-1668()/ASM-125	Bench Test Analyzer	Establishes flight conditions in various flight attitudes for bench testing components of the Automatic Flight Control System AN/ASW-12(V).	AMC: Std-A	8/62
TS-1700()/ASN	Amplifier Test Set	Provides a means of performing electrical checks on compass amplifier used in MA-1 Compass System.	AMC: Std-A	1/63
TS-1705()/ASN-22	Servo Test Panel	Used to test the servo motor and drive assembly, a component of the AN/ASN-22 Automatic Pilot.	AMC: Std-A	1/63
TS-1706/APM-172	Magnetron Test Set	Provides dummy RF load for X-band radar transmitters, and attenuator outputs for measuring equipment. X-band frequency: 9375Mc. Input: 1.2Mw peak, 1.2kw average. Output: 2.5Mw peak, 1.0Mw average.	AF: Std	12/62
TS-1715()/P	Telephone Test Set	Used to test signals in the line unit of the TA-207/P and TA-208/P.	AMC: Std-A	8/62
TS-1738()/ASW-12(V)	Interlock Test Set	Tests operation of C-3737/ASW-12(V). Output: 28vdc, 1a; 115vac, 400cps, 0.5a.	AMC: Std-A	8/62

NOMENCLATURE	ITEM NAME	TECHNICAL SPECIFICATIONS & FUNCTION	STATUS	DATE
TS-1762/UPM-92	Transponder Test Set	Provides "go-no-go" tests on performance of transponder by transmitting pulse coded IFF interrogation and detecting replies; Mark X and Mark X (SIF) capabilities, Mark XII compatibility.	AF: Tent-Std	12/63
TS-1771/U	RF Power Test Set	30 to 600Mc when used as dry watt meter and 30 to 1000Mc when a dummy load. 0 to 50/150w input power. Input Z: 50Ω. Convection cooling, meter indicated.	BS: Std	11/63
TS-2050/U	RF Interference Detector		BS: Std	11/63
TV-2()/U	Electron Tube Tester	Mutual conductance type, for receiving and low power transmitting tubes.	AMC: Std-A	3/55
TV-2/U	Electron Tube Tester	Mutual conductance type, for receiving and low power transmitting tubes.	AF: Ltd-Std BS: Obs	8/62 10/62
TV-2A/U	Electron Tube Tester	Dynamic mutual conductance, with emission type facilities.	BWA: Obs	8/61
TV-3/U	Tube Tester	Mutual conductance type, portable, for all receiving and low power electronic tubes, provides multi-tester facilities.	BS: Ltd-Std BWO: Sup	1/62 7/63
TV-3A/U	Tube Tester	Mutual conductance type. Incorporates 1000Ω/v multimeter. Provision for short, noise, and gas test. Accommodates acorn, miniature and subminiature tubes.	BS: Ltd-Std	1/62
TV-3B/U	Tube Tester	Dynamic mutual conductance type, provides multi-tester facilities.	BS: Ltd-Std	1/62
TV-3C/U	Tube Tester	Dynamic mutual conductance type, provides multi-tester facilities.	BS: Ltd-Std	1/62
TV-6()/U	Electron Tube Test Set	Static mutual conductance type.	AMC: Std-A	8/55
TV-6/U	Electron Tube Test Set	Static mutual conductance type.	AF: Std BS: Std	6/52 1/62
TV-7()/U	Electron Tube Test Set	Dynamic mutual conductance type.	BWO: Pref AMC: Std-A	7/63 4/61
TV-7/U	Electron Tube Test Set	Dynamic mutual conductance type.	AF: Std BS: Alt-Std	1/52 9/62
TV-7A/U	Electron Tube Test Set	Dynamic mutual conductance type.(ER)	BS: Alt-Std	9/62
TV-7B/U	Electron Tube Test Set	Dynamic mutual conductance type.	BS: Alt-Std BWA: D	9/62
TV-7C/U	Electron Tube Test Set	Dynamic mutual conductance type. Includes adapter tube socket for 832A, 829B and 3E29, adapter for 2C39A, for subminiature. Generally for receiving and low power transmitting tubes.	BS: Alt-Std	9/62
TV-7D/U	Tube Tester		BS: Std	12/62
TV-10()/U	Electron Tube Test Set	Dynamic GM type for amplifier tubes and emission for rectifier tubes. Numerical values can be used in conjunction with roller chart. Meter ranges: 0 to 3000/6000/15,000/30,000μΩ.(ER)	BWO: Sup	7/63
TV-10/U	Electron Tube Test Set	Dynamic mutual conductance type for amplifier tubes and emission for rectifier tubes.	BS: Ltd-Std	1/62
TV-10A/U	Electron Tube Test Set	Dynamic mutual conductance type. Meter indicates micro-ohms. Similar to TV-10/U but differs in components.	BS: Ltd-Std	1/62

NOMENCLATURE	ITEM NAME	TECHNICAL SPECIFICATIONS & FUNCTION	STATUS	DATE
TV-10B/U	Electron Tube Test Set	Dynamic mutual conductance type used for receiving type tubes. Meter reads in $\mu\Omega$ 0 to 30,000 in 4 ranges. Accurate within 10%. Short, emission, reserve life tests also can be performed. Differs from TV-10/U and TV-10A/U in components used.	BS: Ltd-Std	12/62
TV-10C/U	Electron Tube Test Set	Tests, evaluates and determines rejection limits for receiving type tubes.	BS: Ltd-Std	12/62
TV-13()/U	Transistor Test Set	Tests automatically all presently known transistors and diodes on an "out of circuit" basis and utilizing in "in circuit" capability where feasible.	AMC: Std-A	1/59
X-0CP	Sonar Test Set		BS: Obs-nt	4/63
ZM-3()/U	Analyzer	Analyzer, capacitor, tests dc leakage 1 to 600v, and indicates 0 to 50ma, resistance: 3 to 10,000M $\Omega$ , capacitance: 5 $\mu\mu\text{f}$ to 10,000 $\mu\text{f}$ .	AMC: Std-A	7/49
ZM-3A/U	Analyzer	Analyzer, capacitor, capacitor range: 5 $\mu\mu\text{f}$ to 10,000 $\mu\text{f}$ , 1.1 to 10,000M $\Omega$ leakage, 0 to 600vdc leakage, indicates 0 to 50ma.	AF: Std BWA: Obs	11/54 8/61
ZM-4()/U	Resistance Bridge	Range: 1 $\Omega$ to 10M $\Omega$ , uses Wheatstone method.	AF: Std BWO: Pref AMC: Std-A	1/53 7/63 4/61
ZM-4/U	Resistance Bridge	Range: 1 $\Omega$ to 10M $\Omega$ , uses Wheatstone method.	BS: Alt-Std	1/62
ZM-4A/U	Resistance Bridge	Range: 1 $\Omega$ to 10M $\Omega$ , uses direct method of measurement.	BS: Alt-Std BWO: Sup	1/62 7/63
ZM-4B/U	Resistance Bridge	Range: 1 $\Omega$ to 10M $\Omega$ , uses direct method of measurement.	BS: Std BWA: Obs	1/62 8/61
ZM-7/TSM	Capacitance Resistance Bridge	Resistance: 0 to 5000/500,000 $\Omega$ , 0 to 50M $\Omega$ on 3 scales; capacitance: 0.075 to 3.0 manufactured on 1 scale.	AMC: Obs	8/60
ZM-7A/TSM	Capacitance Resistance Bridge	Resistance: 0 to 5000/500,000 $\Omega$ , 0 to 50M $\Omega$ on 3 scales; capacitance: 0.075 to 3.0 manufactured on 1 scale.	AMC: Std-A	8/60
ZM-7B/TSM	Capacitance Resistance Bridge	Resistance: 0 to 5000/500,000 $\Omega$ , 0 to 50M $\Omega$ on 3 scales; capacitance: 0.075 to 3.0 manufactured on 1 scale.	AMC: Std-A	8/60
ZM-8()/TSM	Crystal Impedance Meter	Impedance measurement 10Mc to 100Mc, to test crystals operating at their series resonance. Cancelled 14 February 1949. Ra TS-683()/TSM.	AMC: Canc	7/49
ZM-11()/U	Capacitance Inductance Resistance Bridge	Bridge, combination 10 $\mu\mu\text{f}$ to 1000 $\mu\text{f}$ ; 0.1mh to 100h, 1 $\Omega$ to 10M $\Omega$ ; internal oscillator 1000cps.	BWO: Sup	7/63
ZM-11/U	Capacitance Inductance Resistance Bridge	Bridge, combination, 10 $\mu\mu\text{f}$ to 1000 $\mu\text{f}$ ; 0.1mh to 100h 1 $\Omega$ to 10M $\Omega$ ; internal oscillator 1000cps.	BS: Alt-Std BWA: Obs	1/62 8/61
ZM-11A/U	Capacitance Inductance Resistance Bridge	10 $\mu\mu\text{f}$ to 1000 $\mu\text{f}$ ; capacitance 500vdc leakage test; 0 to 50% dissipation factor; 100 $\mu\text{h}$ to 100h; 1 $\Omega$ to 10M $\Omega$ ; turns ratios 0.01 to 110 (w/unity coupling); insulation resistance: 200M $\Omega$ to 10,000M $\Omega$ ; storage factor from 0.5 to 20. Offers greater range than ZM-11A/U. Includes two integral oscillators 1000cps and 10.75Mc.	BS: Std	1/62
ZM-16()/U	Decade Resistor	Decade, resistor, 0.1 to 111,111,111 $\Omega$ in 0.1 $\Omega$ steps.	AMC: Std-A	4/61
ZM-16/U	Decade Resistor	Decade, resistor, 0.1 to 111,111,111 $\Omega$ in 0.1 $\Omega$ steps.	AF: Tent-Std	4/57
ZM-16A/U	Decade Resistor	Decade, resistor, 0.1 to 111,111,111 $\Omega$ in 0.1 $\Omega$ steps.	AF: Std	4/57



NOMENCLATURE	ITEM NAME	TECHNICAL SPECIFICATIONS & FUNCTION	STATUS	DATE
ZM-21/U	Ohmmeter	Ohmmeter: 0 to 1000M $\Omega$ range, uses self-contained, hand operated generator for insulation test.	AMC: Std-C	11/60
ZM-21A/U	Ohmmeter	* Range: 0 to 1000M $\Omega$ , uses self-contained, hand operated generator for insulation test.	AMC: Std-A	11/60
ZM-21B/U	Ohmmeter		AMC: Std-A	11/60

## PART II

This section contains a tabulation of manufacturers who have supplied the test equipment listed in Part I. This tabulation is arranged by nomenclature assignment. Included with the entry of the manufacturer is the contract number, approximate year of delivery, number of units delivered, and the governing specifications at the time of contract. The prefix (E) before a specification number indicates it is an environmental specification. An asterisk before a specification number indicates the number is not identified with a specific contract but is the equipment specification obtained from the "Department of Defense Index of Specifications and Standards".





NOMENCLATURE	SUPPLIER	CONTRACT NUMBER	YEAR	UNITS	SPECIFICATIONS
AN/AAM-11	HRB-Singer Inc	4653-PP-60-A4-A4	1962		
AN/AIM-1	Jefferson-Travis Radio	1107-DAY-44	1944		
AN/AJM-1	Simmonds Precision	81115	1962		
	" "	15541-PP-63-A3-A3	1962		
AN/AJM-10	Vought Electronics Burroughs Corp	AF33(600)-40540	1961		
AN/AJM-11	Vought Electronics Burroughs Corp	AF33(600)-40540	1961		
AN/AJM-12	Vought Electronics Burroughs Corp	AF33(600)-40540	1961		
AN/AJM-13	Vought Electronics	AF33(600)-40540	1961		
AN/AJM-14(V)	Lockheed Georgia	AF33(600)-43487	1962		
AN/ALA-5	Baldwin Piano Co.		1952		* MIL-A-9481 MIL-R-6398
AN/ALH-2	Webster-Chicago	AF33(600)-31020	1956		
AN/ANH-2	Peirce Wire Recorder		1951		
AN/ANQ-1	Brush Dev Co	268-DAY-45-SD	1945		
AN/ANQ-1A	Brush Dev Co	268-DAY-45-SD	1945		
AN/ANQ-2	Magnavox Co	AAF 744-DAY-44	1944		
	" "	AAF 915-DAY-45	1945		
AN/APH-2	American Bosch Arma Corp				
AN/APM-3A	Western Electric Co	NXsa-32197			
AN/APM-12	Harlan Planning Mill	629-DAY-44	1944		
AN/APM-47	M.C. Braid	NOas-4901	1948		
AN/APM-60	Metalcraft Mfg " "	N383s-73481 N383s-93313			
AN/APM-62	Camfield Mfg Co Delco Radio	NOa(s)4683 NXss-28022	1945 1945		
AN/APM-66	Astronetic Res Inc " " " " " " Raytheon	383(MIS-383)77085A NOas 52-838 NOas 51-432 NOas 52-838	1962 1952 1951		(E) MIL-T-945a

NOMENCLATURE	SUPPLIER	CONTRACT NUMBER	YEAR	UNITS	SPECIFICATIONS
AN/APM-67	Sperry Microwave Elec Sperry Gyroscope Cosmos Industries Espey Mfg Co	AF33(600)41399 AF33(038)6854	1962		(E) MIL-T-945A
AN/APM-67A	Sperry Microwave Elec Cosmos Industries		1958		* MIL-T-25957A (E) MIL-T-945A
AN/APM-68	Dynamic Electronics				* MIL-T-4636
AN/APM-79	Westinghouse-Baltimore	NOas 57-887	1957		
	" "	NOa(s) 53-1061	1956		
AN/APM-102	Hazeltine Electronics	AF33(600)38428	1959		MIL-T-21200
AN/APM-104	Hazeltine Electronics	AF33(600)38428	1959		MIL-T-21200
AN/APM-105	Hazeltine Electronics	AF33(600)38428	1959		MIL-T-21200
AN/APM-106	Hazeltine Electronics	AF33(600)38428	1959		MIL-T-21200
AN/APM-107	Hazeltine Electronics	AF33(600)38428	1959		MIL-T-21200
AN/APM-108	Hazeltine Electronics	AF33(600)38428	1959		MIL-T-21200
AN/APM-109	Hazeltine Electronics	AF33(600)38428	1959		MIL-T-21200
AN/APM-110	Hazeltine Electronics	AF33(600)38428	1959		MIL-T-21200
AN/APM-127	Hazeltine Electronics	AF33(600)38428	1959		
AN/APM-134	Hazeltine Electronics	AF33(600)38428	1959		
AN/APM-156	Collins Radio	DA-36-039-SC-76883	1962		
AN/APM-170	Burroughs Corp	AF33(600)40540	1961		
AN/APM-171	Burroughs Corp	AF33(600)40540	1961		
AN/APM-172	Burroughs-Paoli	AF33(600)40540	1961		
AN/APM-173	Burroughs-Paoli	AF33(600)40543	1961		
AN/APM-174	Burroughs-Paoli	AF33(600)40540	1961		
AN/APM-175	Burroughs-Paoli	AF33(600)40540	1961		
AN/APM-176()	RMS Associates Inc		1961		
AN/APM-181	Sperry Gyroscope Co	AF33(657)8087	1962		
AN/APM-182	Sperry Gyroscope Co " "	AF33(657)8087 AF33(657)10783	1962		

NOMENCLATURE	SUPPLIER	CONTRACT NUMBER	YEAR	UNITS	SPECIFICATIONS
AN/ARM-1	Taffet Radio & TV Colonial Radio Corp	AF33(604)9358 84-DAY-45SE	1954 1944		
AN/ARM-5	Aircraft Radio Corp " " "	NOas 51-1093-F N383(s)-2442A	1951		
AN/ARM-6	Radio Corp of Amer " " " "	AF33(600)24390 W33-038ac-19857	1953 1952		
AN/ARM-7	Radio Corp of Amer " " " " Abatron Electronic Assoc	W33-038ac-19857 AF33(600)24390	1963 1953		
AN/ARM-8	Bendix Radio	13611-PH-53-93	1954		MIL-R-12483
AN/ARM-8A	Winslow Co	4418-PP-61	1961		
AN/ARM-10	Cosmos Industries	AF33(604)10706			MIL-T-4704
AN/ARM-11A	Radio Corp of Amer	AF33(600)30587	1956		
AN/ARM-11B	Magnavox Co Radio Corp of Amer	AF33(600)31283	1956		
AN/ARM-13	Collins Radio	NOas 51-1183	1953		MIL-H-15362
AN/ARM-14	Collins Radio	NOas 51-1183	1953		MIL-H-15362
AN/ARM-15	Collins Radio	NOas 51-1183	1953		MIL-H-15362
AN/ARM-20	Fed Tele & Radio Corp	NOas 51-1227	1955		
AN/ARM-22	Hoffman Electronics General Dynamics/Elec " " " " " " " " " " " " Stromberg-Carlson Co	N383(383-MIS)77031A NOas 57-641-F " " " " " " " " " NOw-63-0759-F	1963 1962   1963		* MIL-T-19202B (E) MIL-T-945 (E) MIL-E-5422D (E) MIL-I-6181D (E) MIL-T-21200B (E) MIL-T-10203B
AN/ARM-24	Boonton Radio Corp	NOas 55-724	1958		MIL-G-18441
AN/ARM-25	Hoffman Labs " " " "	NOas 52-445	1956		MIL-T-18497 MIL-T-19561 (E) MIL-T-945
AN/ARM-25A	Hoffman Electronics	AF33(604)36688 AF33(600)38518	1961	226	(E) MIL-T-945



NOMENCLATURE	SUPPLIER	CONTRACT NUMBER	YEAR	UNITS	SPECIFICATIONS
AN/ARM-32	Lear Inc Melstrom Mfg Corp	NOas 56-879 N383-66263A	1958		MIL-H-15362A MIL-T-21208
AN/ARM-41	Collins Radio " " " "	AF33(600)36737 AF33(600)38373 AF30(635)4504	1960		
AN/ARM-42	Lear Inc	30121-PP-58-B5-B5	1958		
AN/ARM-45	Collins Radio	20410-PC-61	1961		
AN/ARM-51	Collins Radio	18162-PC-61-A1-51	1960		
AN/ARM-55	Hoffman Electronics		1961		
AN/ARM-56	Electronic Commun Burroughs Corp	AF33(600)40540	1961		
AN/ASM-2A	Westinghouse Electric " " Radio City Products	NOas 12131 Noas 12145 N383(S)1238A	1951 1952		
AN/ASM-7	Texas Instruments Inc	NOas 54-847-c	1955		* MIL-T-21463 (E) MIL-T-945A
AN/ASM-63	Lear Inc	4318-PP-61-A3-A3	1961		
AN/ASM-64	Burroughs-Paoli	AF33(600)40540	1961		
AN/ASM-66	Lear Siegler Inc " " " Lear Inc	DA36-039-AMC-91490(E) SC-36-039-62-11721-A2 4498-PP-60-A3-A3	1962 1962		
AN/ASM-67	Lear Siegler Inc Lear Inc	DA-36-039-AMC-91490(E) 4498-PP-60-A3-A3	1962		
AN/ASM-70	Lear Siegler Inc Lear Inc	DA-39-039-AMC-91490(E) 4498-PP-60-A3-A3	1962		
AN/ASM-72	Burroughs-Paoli	AF33(600)40540	1961		
AN/ASM-75	Burroughs-Paoli Electronic Commun	AF33(600)40540	1961		
AN/ASM-80	Sperry Phoenix Co	41015-PZ-62-A3-41	1962		
AN/ASM-116	Electronic Commun	AF33(600)40540	1962		
AN/ASQ-66	Gen Precision Labs Burroughs Corp	AF33(600)40540	1961		
AN/ASQ-67	Burroughs-Paoli Burroughs-Detroit	AF33(600)40540	1961		

NOMENCLATURE	SUPPLIER	CONTRACT NUMBER	YEAR	UNITS	SPECIFICATIONS
AN/ASQ-68	Burroughs-Paoli	AF33(600)40540	1961		
AN/ASQ-73	Gen Precision Labs	AF33(600)40540	1961		
AN/AWQ-2	American Bosch-Arma		1959		
AN/BQM-1	Dyna-Labs Inc	NObsr 52638	1953		MIL-S-15604A
	" " "	NObsr 57613			MIL-N-15604A
AN/CRM-3	Fed Tele & Radio Corp	734-DAY-44	1944		
	PR Mallory Co	56-DAY-453E	1944		
AN/DJM-2	AC Spark Plug		1957		
AN/DJM-5	AC Spark Plug		1957		
AN/DJM-6	AC Spark Plug		1958		
AN/DJM-7	AC Spark Plug		1958		
AN/DJM-9	AC Spark Plug		1958		
AN/DJM-10	AC Spark Plug		1958		
AN/DJM-11	AC Spark Plug		1959		
AN/DJM-16	Army Ord	DA-36-034-ORD-2013	1961		
AN/DPM-11	Army Ord				
AN/DRM-11	Army Ord	DA-36-034-ORD-2000	1960		
	" "	DA-36-034-ORD-2013	1960		
AN/DSM-12B	Army Ord	DA-30-069-ORD-1295	1959		
AN/DSM-12C	Army Ord	DA-30-069-ORD-1295	1959		
AN/DSM-33A	Army Ord	DA-30-069-ORD-1448	1959		
AN/DSM-46B	Western Electric Co	DA-30-069-AMC-18	1963		
AN/DSM-64	McDonnell Aircraft	AF33(600)41719	1963		(E) MIL-T-21200
	" "	MCP 71-650	1962		
	" "	AF34(601)9992			
AN/FCM-4	Western Electric Co	PR 45-1336	1945		
AN/FCM-5	Kellogg Switching	69081	1955	14	* MIL-P-11952
	Western Electric Co	2674-Phila-44	1944		
	ITT Kellogg	88245	1961	16	

NOMENCLATURE	SUPPLIER	CONTRACT NUMBER	YEAR	UNITS	SPECIFICATIONS
AN/FCM-5A	Western Electric Co	2674-Phila-44	1945		
AN/FCM-5B	ITT Kellogg	71729	1956	100	
	Kellogg Switchboard	26349-Phila	1955		
AN/FMQ-2A	Bendix Friez	NOas 53-268	1953		
	" "	NOas 53-269	1953		
AN/FNQ-3	Soundscriber Corp	28106-PH-51	1952		
AN/FNQ-3A	Soundscriber Corp	3209-PH-52-02(NY)	1952		
AN/FRM-3	Reeves-Hoffman Corp	NObsr-42472	1950		
AN/FSM-3	Teletronics Labs	4666-PH-52	1953		MIL-C-12635(Sig C)
AN/FSM-22	Radio Corp of Amer	AFO4(647)179	1962		
AN/FSQ-42	Radio Corp of Amer	AFO4(647)179	1962		
AN/FSQ-51	Radio Corp of Amer	AFO4(647)179	1963		
AN/FSQ-52	Radio Corp of Amer	AFO4(647)179	1963		
AN/FSQ-53	Radio Corp of Amer	AFO4(647)179	1963		
AN/GGM-2	Stelma Inc	NObsr 89286	1963		
	" "	NObsr 87269	1962		
	" "	PD 03-097529			
	" "	PO 4554-PP-60-A3-A3			
AN/GJQ-4	American Bosch-Arma		1959		
AN/GJQ-5	AC Spark Plug		1957		
AN/GJQ-9	Bendix Corp				MIL-P-26664A (USAF)
	" "	AF33(600)36168	1959		MIL-P-26664
AN/GJQ-9(V)	Bendix Support Equip		1962		
AN/GJQ-9(V)2	Bendix Support Equip		1962		
AN/GJW-T2			1959		MIL-T-27307
AN/GLH-1	Webster-Chicago	AF33(600)31020	1956		
AN/GLH-3A	Ampex Corp	AF30(635)32747	1963		
AN/GMM-1	Tenny Engineering Philco Co	3139,32148-PH-51 AF36(600)3467	1952		MIL-C-10879
AN/GMM-1A	Monmouth Electric Co	25656-PH-53-36(61)	1953		MIL-C-10879
AN/GMM-2			1956		MIL-H-14214(Sig C)



NOMENCLATURE	SUPPLIER	CONTRACT NUMBER	YEAR	UNITS	SPECIFICATIONS
AN/GMM-3	Monmouth Electric Co Avion Div ACF Indust	5003-PP-61-B4-B4	1961		MIL-R-55093
AN/GNQ-1	Brush Dev Co	268-DAY-45-SD	1945		
AN/GNQ-1A	Brush Dev Co	268-DAY-45-SD	1945		
AN/GNQ-2	Memovox	744-DAY-44	1945		
AN/GNQ-2A	Memovox " "	744-DAY-44 673-DAY-45 915-DAY-45	1945		
AN/GNQ-4	Presto Recording		1944		
AN/GNQ-5	Wilcox Gay Corp	PR 45-536	1944		
AN/GNQ-5A	Wilcox Gay Corp	11434-Phila-47-77	1947		
AN/GNQ-6A	Soundsciber Corp	25758-Phila-49-7	1949		
AN/GNQ-7	Soundsciber Corp	9260-Ph-45	1945		
AN/GJQ-7A	Soundsciber Corp	Sig C 10974-PH-47-77	1947		
AN/GNQ-8	Soundsciber Corp	PR 45-1345	1945		
AN/GNQ-8A	Soundsciber Corp	25758-Phila-49-7(SC)	1949		
AN/GNQ-9	Presto Recording	SC-32655-PH-45	1948		
AN/GNQ-9A	Presto Recording	Sig C 10985-PH-47-77	1947		
AN/GNQ-9B	Presto Recording	Sig C 20536-PH-49	1949		
AN/GNQ-10	Presto Recording	PR-45-1346	1945		
AN/GNQ-14	Peirce Wire Recorder		1951		
AN/GPM-1	Reiner Elec Co Espy Mfg Co	(Sig C) 6853-PH-51 (Sig C) 6952-PH-52	1951		
AN/GPM-4	Western Electric Co	AF33(038)7414	1953		
AN/GPM-5	Western Electric Co	AF33(038)7414	1951		
AN/GPM-6	Western Electric Co	AF33(038)7414	1951		
AN/GPM-7	Western Electric Co	AF33(038)7414	1951		
AN/GPM-8	Western Electric Co	AF33(038)7414	1951		
AN/GPM-10	Western Electric Co Collins Radio	AF33(038)7414 AF33(600)36737	1951		

NOMENCLATURE	SUPPLIER	CONTRACT NUMBER	YEAR	UNITS	SPECIFICATIONS
AN/GPM-11	Western Electric Co	AF33(038)7414	1951		
AN/GPM-12	Western Electric Co	AF33(038)7414	1951		
AN/GPM-13	Western Electric Co	AF33(038)7414	1951		
AN/GPM-14	Ultrasonics Corp	AF33(600)9382	1952		* MIL-B-9093
AN/GPM-15	Radio Corp of Amer	AF33(038)7054			MIL-G-4477
	Bruno N Y Ind Corp	AF33(604)8892	1955		
	" " " "	AF33(604)9831	1954		
	Republic Electronics				
AN/GPM-17	Stewart Warner Elec				* MIL-T-9575
AN/GPM-20	General Electric		1956		
AN/GPM-22	Hughes Aircraft Co		1956		
AN/GPM-23	General Electric	AF33(600)24856	1956		
AN/GPM-25	General Mills	AF33(600)32432	1958		MIL-T-25799A
	" "				(E) MIL-T-945
AN/GPM-40	Bell Aircraft Co	AF30(635)9326	1959		MIL-T-9698(USAF)
AN/GPM-40A	Bell Aircraft Co	AF30(635)13712	1960		MIL-T-9698(USAF)
AN/GPM-44	Admiral Corp	AF04(645)11094	1961		
AN/GPM-46	Motorola-Scottsdale	40515-PM-61-93-93	1961		
AN/GPM-46A	Motorola-Scottsdale	00588-PM-62-91-91	1962		
AN/GPS-T4	Newton Co	AF33(600)26450	1956		
AN/GPS-T4(V)	Marquardt Corp	AF33(600)37786	1960		MIL-S-26072B
AN/GRM-1	Western Electric Co	7461-WF-43			
AN/GRM-4	Boonton Radio Corp	AF33(600)17024	1955		MIL-S-4249
AN/GRM-10	Collins Radio	AF30(635)4504	1957		
AN/GRM-51	Beaconing O & P	AF30(635)18169	1962		
	Precision Materials Ltd	AF30(635)18169	1962		
AN/GRM-53	Sylvania Electric Co	AF30(635)16307	1962		
AN/GRM-54	Sylvania Electric Co	AF30(635)16307	1962		

NOMENCLATURE	SUPPLIER	CONTRACT NUMBER	YEAR	UNITS	SPECIFICATIONS
AN/GSM-1	Space Age Material Espey Mfg Co	USAEMA-O-1623 24630-P-49-7	1962		
AN/GSM-1A	Westinghouse Electric	43504-Phila-45-10	1945		
AN/GSM-1C	Dubrow Development Co	25014-Phila-54	1955		
AN/GSM-2	Western Electric Co	AF33(038)7414	1951		
AN/GSM-3	Minnesota Elec Corp	NObsr-57434	1952		MIL-E-16986
AN/GSM-6	James Biddle Co		1955		
AN/GSM-6A	Industrial Inst Inc	15762-PP-62	1963		
AN/GSM-7	General Electric	AF30(635)6894	1957		MIL-T-9538
AN/GSM-9	Bill-Jack Instrument	AF33(038)26816	1957		* MIL-T-25888
AN/GSM-15	Link Aviation		1957		
AN/GSM-21	Aircraft Radio Corp		1959		
AN/GSM-44	Hughes Aircraft Co		1960		
AN/GSM-65	Tel�electro Ind Inc		1961		
AN/GWM-1	Douglas Aircraft Co	AF29(601)138	1956		* MIL-T-25266
AN/GWM-2	Douglas Aircraft Co	AF29(601)138	1956		
AN/GWM-2A	Douglas Aircraft Co	AF04(604)6498			* MIL-T-25267
AN/GWM-4					* MIL-T-25821A
AN/GWM-5	Amphenol-Borg Elec Amphenol Elec Corp		1956		
AN/GWM-6	Amphenol-Borg Elec Amphenol Elec Corp		1957		
AN/GWM-7					* MIL-T-25800B
AN/GWM-8A					MIL-T-25849
AN/MPM-2	Transmitter Eng Mfg	W-36-039-sc-39973	1948		* MIL-P-11165
AN/MPM-33	Army Ord	DA-30-069-ORD-125	1955		
AN/MPM-44A	Army Ord	DA-30-069-ORD-	1961		



NOMENCLATURE	SUPPLIER	CONTRACT NUMBER	YEAR	UNITS	SPECIFICATIONS
AN/MPM-46B	Bell Telephone Labs	DA-30-069-ORD-1082	1961		
AN/MPM-48A	Bell Telephone Labs	DA-30-069-ORD-1082	1958		
AN/MPM-50	Army Ord	DA-36-034-ORD-2000	1960		
	" "	DA-36-034-ORD-2013	1960		
AN/MPM-51	Army Ord	DA-36-034-ORD-2000	1960		
	" "	DA-36-034-ORD-2013	1960		
AN/MRM-3	Hamilton Standard				
AN/MSA-21	Douglas Aircraft Co	AFO4(645)65	1960		
	" " "	AFO4(647)114			
AN/MSM-16	Stromberg-Carlson Co	3131-PP-59-54-54	1959		
	Canadian Commer Corp	373-PH-54-93	1958		
AN/MSM-17	Canadian Commer Corp	373-PH-54-93	1958		
AN/MSM-36	Army Ord	DA-04-495-ORD-1668	1962		
	" "	DA-04-495-ORD-18	1959		
AN/MSM-38	Army Ord	DA-20-018-ORD-14800	1959		
AN/MSM-42	Sperry Gyroscope Co	AF33(600)37829	1963		(E) MIL-I-26600
AN/MSM-48	Army Ord	DA-36-034-ORD-2000	1960		
	" "	DA-36-034-ORD-2013	1960		
AN/MSM-49	Army Ord	DA-36-034-ORD-2000	1960		
	" "	DA-36-034-ORD-2013	1960		
AN/MSM-50	Army Ord	DA-36-034-ORD-2000	1960		
	" "	DA-36-034-ORD-2013	1960		
AN/MSM-51	Army Ord	DA-36-034-ORD-2000	1960		
	" "	DA-36-034-ORD-2013	1960		
AN/PDR-T1	Kelly-Koett Mfg Co	16763-PH-49	1949		
AN/PDR-T1A	Kelly-Koett Mfg Co	14600-Phila-50-2-C(SC)	1950		MIL-R-10062
AN/PDR-T1B	Tracerlab Inc	23380-PH-507	1953		MIL-R-10060(Sig C)
AN/PDR-T2	EI-Tronics Inc	16764-PH-49	1949		
AN/PDR-T2A	National Tech Labs	14601-PH-50(Sig C)	1950		MIL-R-10061
AN/PDR-T3	Depot Assembled		1956		
AN/PDR-10A	General Electric	NObsr 43442	1950		
	" "	NObsr 49239	1950		

NOMENCLATURE	SUPPLIER	CONTRACT NUMBER	YEAR	UNITS	SPECIFICATIONS
AN/PDR-10B	Victoreen Inst Co	NObsr 5209	1951		MIL-R-16096
	" " "	NObsr 52673	1951		MIL-R-16096
AN/PDR-10B-T1	Victoreen Inst Co		1952		
AN/PDR-10C	Victoreen Inst Co	NObsr 63049	1952		MIL-R-16086B
AN/PDR-10D	Nuclear Inst & Chem	NObsr 57316	1952		MIL-R-16086A
AN/PDR-10E	Jordan Electronics	NObsr 71391	1957		MIL-R-16086C
AN/PDR-27	General Electric Admiral Corp	NObsr 42498	1949		
	Tung-Sol Electric Inc	NObsr 71633			
	Industrial Elec Hdw Corp	NObsr 87564			
	Northeastern Eng Inc	NObsr 85403			
AN/PDR-27-T1A	National Electrical	NObsr 63185	1953		MIL-R-15213
AN/PDR-27A	Kelly-Koett Mfg Co	NObsr 49282	1950		MIL-R-15213
AN/PDR-27B	Hoffman Radio Corp		1950		
AN/PDR-27C	Victoreen Inst Co	NObsr 71343	1958		SHIPS-F-2284
AN/PDR-27CX	Victoreen Inst Co	NObsr 71343	1958		
AN/PDR-27CY	Victoreen Inst Co	NObsr 71343	1958		
AN/PDR-27D	Hoffman Radio Corp	NObsr 52675	1951		
AN/PDR-27E	Admiral Corp	NObsr 57097	1952		MIL-R-15213C
AN/PDR-27F	Admiral Corp	NObsr 57163	1952		MIL-R-15213C
AN/PDR-27G	National Electrical	NObsr 63159	1953		MIL-R-15213D
AN/PDR-27H	Admiral Corp	NObsr 63507	1953		MIL-R-152136
AN/PDR-27J	Tung-Sol Electric Inc	NObsr 71633	1957		
	" " " "	NObsr 81090			
AN/PDR-27K	Admiral Corp	NObsr 75023	1958		
AN/PDR-27L	Northeastern Eng Inc	NObsr 85403	1962		
AN/PDR-27P	Carol Electronics	NObsr 87216	1962		
AN/PDR-36	Kelly-Koett Mfg Co		1950		
AN/PDR-39	Tracerlab Inc	3072-PH-52-02	1952		MIL-R-1006A
	" "	3512-PH-132-02			

NOMENCLATURE	SUPPLIER	CONTRACT NUMBER	YEAR	UNITS	SPECIFICATIONS
AN/PDR-43	Electronic Prod Co " " " Electro Neutronics	NObsr 75137 NObsr 71163	1958		
AN/PDR-46	Spinco Mfg Co	26337-PH-55-53(31)	1955		
AN/PDR-46A	Nuclear Electronics	40209-PP-58	1960		
AN/PDR-53	Technical Associates		1959		
AN/PDR-54	Eberline Instrument	NObsr 75630	1959		
AN/PGM-1	Kinn Electronics Corp Teletype Corp Power Equipment	NObsr 57610	1953		* MIL-T-21428
AN/PGM-1A	Lanagan & Hoke " " "	NObsr 75739 NObsr 52258	1960		MIL-T-21428
AN/PGM-1B	Kinn Electronics Corp	NObsr 75910	1962		(E) MIL-E-16400 (E) MIL-T-945A MIL-T-21428
AN/PPM-1(X)	Hewlett-Packard	DA-30-069-ORD-125	1953		
AN/PPM-1	Hewlett-Packard " "	2990-PHILA-52 NObsr 71256	1956		
AN/PPM-1A	Hewlett-Packard	4516-PP-60-A3-41	1961		
AN/PQM-1	Underwater Sound Lab(USN)		1952		
AN/PQM-1A	Lanagan & Hoke Inc	NObsr 52258	1952		MIL-N-15576
AN/PRM-1	Stoddard Aircraft " " " " " " " "	NObsr 87716 NObsr 64077 NObsr 43370 NObsr 39262 NObsr 36260	1962 1949 1949 1949		* MIL-T-16206A
AN/PRM-1A	Stoddard Aircraft " " " "	NObsr 57211 NObsr 52629 NObsr 39262	1952 1951		MIL-T-16206
AN/PRM-1B	Stoddard Aircraft Espy Mfg Co	NObsr 39262 NObsr 49217	1954		
AN/PRM-2	Harvey Radio Labs	W-28-099-ac-76	1949		



NOMENCLATURE	SUPPLIER	CONTRACT NUMBER	YEAR	UNITS	SPECIFICATIONS
AN/PRM-10	Measurements Corp Stamford Electronics Hycon Mfg Airtronics Int Corp O E Szekely & Assoc Taffet Radio & TV	AF28(099)191 AF28(099)191	1950 1950	165	* MIL-T-4220B
AN/PRM-14					* MIL-R-11541
AN/PRM-15	Barber Labs Pilot Radio	W36-039-SC-33638 37912-PH-53-34(61)	1951 1954		* MIL-M-11271B MIL-M-11271
AN/PRM-15X			1955		MIL-M-11271
AN/PRM-16	Barber Labs	W36-038-SC-3368	1951		* MIL-M-11271B
AN/PRM-20					* MIL-G-25782
AN/PRM-22	Polarad Electronics	36-039-SC-73227	1959		(E) MIL-T-945
AN/PRM-25	Stoddard Aircraft	NObsr 81133	1960		
AN/PRM-26()	Land-Air Inc				
AN/PSM-1A	Holtzer-Cabot " " " " " " " " " " " " Mueller Electric Co U.S Rubber Co	N140-155s-37522B N140-155s-35422B N140-155s-31922B N140-155s-31039B N140-155s-27337B NObsr-53333(1734)	1952 1952 1951 1951 1951 1950		
AN/PSM-2	Holtzer-Cabot " " " "	NObsr 53581(1734) N140S-25893-B NObsr 53333(1734)	1951 1951 1950		MIL-M-15023
AN/PSM-2A	Holtzer-Cabot " " " " " " " " " " " " " " Bruno N Y Ind Corp	N140-155s-37522B N140-155s-35422B NObsr-53581(1734) N140-155s-31922B N140-155s-31039B N140-155s-27337B N140S-25893-B NObsr-53333(1734)	1952 1952 1951 1951 1951 1951 1951 1950		MIL-M-15023(Ships)
AN/PSM-2B	James Biddle Co	N126-01210A	1962		MIL-O-16485B
AN/PSM-3	Weston Electrical Inst	AF33(038)13605	1950		MIL-V-26798C

NOMENCLATURE	SUPPLIER	CONTRACT NUMBER	YEAR	UNITS	SPECIFICATIONS
AN/PSM-4	Elec Equip Eng Inc	NObsr 87234	1962	9084	MIL-M-17096A
	Aerospace Electronics	NObsr 85575	1961	7000	MIL-M-17096A
	Weston Electrical	NObsr 49273	1952		MIL-M-15134
	Simpson Electric				MIL-M-15134
	" "				MIL-M-17096A
AN/PSM-4A	Simpson Electric	NObsr 59581	1952		
	" "	NObsr 57514	1952		
	" "	NObsr 52559	1952		MIL-M-15134
AN/PSM-4B	Industrial TV Inc	NObsr 75134	1958		MIL-M-17096A
AN/PSM-4C	Jetronic Industries	NObsr 75941	1961		MIL-M-17096A
	" "	NObsr 75341			
	" "	NObsr 81306			
AN/PSM-5	Bruno Inc	AF33(038)30053	1954		MIL-M-4553
AN/PSM-6	Bruno N Y Ind Inc	AF33(038)30053	1951		MIL-M-4552
AN/PSM-6A	Bruno N Y Ind Inc		1958		MIL-M-4552B
AN/PSM-6B	Bruno N Y Ind Inc				MIL-M-4552C
AN/PSM-7					* MIL-G-8337A
AN/PSM-10	General Electric	AF33(600)29903	1956		
AN/PTM-2	Western Electric Co				
AN/PTM-4	Western Electric Co				
AN/PTM-6	Precision Associates	25694-Phila-53-34	1955		MIL-T-11003
	" "				MIL-C-12572
AN/SPM-4	Sperry Gyroscope Co				
	Sperry Microwave Elec	NOrd 18257	1961		(E) MIL-T-945
AN/SPM-5	Sperry Microwave Elec	NOrd 18257	1962		(E) MIL-T-945
AN/SPM-10	Sperry Microwave Elec	NOrd 17759	1960		MIL-R-18669
AN/SPM-13A	Sperry Microwave Elec		1961		(E) MIL-T-945A
AN/SQM-1	Hickok Electrical Inst	NObsr 75394	1958		MIL-S-19885A
AN/TAM-1	HRB Singer Inc	4653-PP-60-A4-A4	1962		
AN/TAM-2	HRB Singer Inc	4653-PP-60-A4-A4	1962		
AN/TFM-2					* MIL-T-55017
AN/TNH-2	Ampex Corp		1953		MIL-S-10832

NOMENCLATURE	SUPPLIER	CONTRACT NUMBER	YEAR	UNITS	SPECIFICATIONS
AN/TNH-3	Gray Mfg Co		1954		
AN/TNH-4	Ampex Corp	16192-PHILA-55	1955		
AN/TNH-4B	Ampex Corp	3315-PC-62-A4-41	1962		MIL-M-13231
AN/TPM-3	Sperry Gyroscope Co	W-28-004-SC-350	1947		
AN/TPM-9	Bell Telephone Labs	W-30-069-ORD-1295	1956		
AN/TPQ-18	Radio Corp of Amer		1960		
AN/TRM-1	Trad Electronics	NOa(s)51-819	1954		MIL-T-6907
AN/TRM-3	Inland Electronics Corp	N383(19-MIS)68173A	1961	215	(E) MIL-T-21200A
	" " "				MIL-T-8663A
	Transitron Inc	NOas-54-803f	1952		MIL-T-8663
	" "	NObsr-75028			
	" "	NObsr-75040			
	ARF Products	NOa(s)10357	1950		
AN/TSM-2	Hoffman Radio Corp Reeves Hoffman Corp	6864-PH-51-04	1953		
AN/TSM-3	Radio Frequency Labs	11698-PH-50-7	1954		* MIL-P-11229
AN/TSM-5	Rex Corp	26333-Phila-54	1959		MIL-W-13313
AN/TSM-5A	Henry Products Co	3387-PP-59-A3-A3	1959		MIL-W-13313
AN/TSM-16	El-Tronics, Inc	90003	1963	159	
	Sentinel Elec Inc	90170	1962		
	" " "	15755-PP-62-A3-A3		159	
	Van Norman Ind Inc	39174-PP-58-A3-A3	1959		
	Winslow Elec Inc	87811		335	
AN/TSM-22	Radio Corp of Amer	AF33(600)35855	1958		
AN/TSM-23	Radio Corp of Amer	AF33(600)35855	1958		
AN/TSM-24					* MIL-T-26591A
AN/TSM-25	Radio Corp of Amer	AF33(600)38871	1959		MIL-T-26591
AN/TSM-26	Radio Corp of Amer	AF33(600)38871	1959		* MIL-T-26591A
AN/TSM-28	Radio Corp of Amer	AF33(600)35855	1958		* MIL-T-26591A
AN/TSM-29	Radio Corp of Amer	AF33(600)35855	1962		* MIL-T-26613A
AN/TSM-35	Army Ord Western Electric Co	DA-30-069-ORD-1082	1959		



NOMENCLATURE	SUPPLIER	CONTRACT NUMBER	YEAR	UNITS	SPECIFICATIONS
AN/TSM-36	Army Ord Western Electric Co	DA-30-069-ORD-1082	1959		
AN/TSM-37	Army Ord	DA-30-069-ORD-1082	1959		
AN/TSM-38	Army Ord	DA-30-069-ORD-1082	1961		
AN/TSM-39	Army Ord	DA-19-020-ORD-4041	1960		
AN/TSM-40	Army Ord	DA-19-020-ORD-4041	1959		
AN/TSM-41	Army Ord	DA-19-020-ORD-4041			
AN/TSM-42	Army Ord	DA-19-020-ORD-4041			
AN/TSM-43	Army Ord " "	DA-36-034-ORD-2000 DA-36-034-ORD-2013	1960		
AN/TSM-44	Army Ord	DA-19-020-ORD-4041			
AN/TSM-45	Army Ord	DA-19-020-ORD-4041	1959		
AN/TSM-46	Army Ord	DA-19-020-ORD-4041			
AN/TSM-50	Radio Corp of Amer	AF33(657)9624	1963		
AN/UDM-1	Nems-Clarke Inc		1956		
AN/UDM-1A	Nems-Clarke Inc	NObsr 751159	1956		
AN/ULA-2	Amer Electronics Inc	90892	1962	47	
AN/ULA-2(V)1	Amer Electronic Labs	00540-PM-62-91-91	1962		
AN/ULA-2(V)2	Amer Electronic Labs	00540-PM-62-91-91	1962		
AN/UNQ-1	Ameritype Recordgraph	18576-PH-44	1944		
AN/UNQ-1A	Frederick Hart Co		1945		
AN/UNQ-1B	Frederick Hart Co	10987-Phila-47-77			
AN/UPA-1	Belmont Radio Corp " " "	NXsr-69266 NOsr-4674	1944 1945		
AN/UPA-1A	Hazeltine Electronics Kardon Mfg Co	NObsr 39332 NObsr 52180	1947		
AN/UPA-1B	Kardon Mfg Co	NObsr 52180			
AN/UPA-39	Hazeltine Electronics	NObsr 63461	1956		

NOMENCLATURE	SUPPLIER	CONTRACT NUMBER	YEAR	UNITS	SPECIFICATIONS
AN/UPM-1	Hazeltine Electronics	NXsr-33783			
	" "	NXsr-45455			
	" "	NXsa-36958			
	Hammerlund Mfg Co				
	Hamilton Radio Corp				
AN/UPM-1A	Hazeltine Electronics	NObsr-39332	1947		
	" "	NXsr- 33782			
	" "	NXsr- 45455			
	" "	NXsr- 93963			
AN/UPM-1B	Hazeltine Electronics	NXsr-45455	1945		
	" "	NXsa-36958			
	" "	NXsr-33782			
AN/UPM-2	G Kalart Co	NXsr-53379	1944		
	" "	NXsa-64107	1944		
AN/UPM-4	Gen Communications	NObsr-43428	1950		(E) MIL-T-945A
	" "	NObsr-49226	1950		
AN/UPM-4A	Hazeltine Electronics	NObsr-52400	1958		
	Gen Communications	NObsr-63435			(E) MIL-T-945A
	" "	NObsr-63272			
	" "	NObsr-52177			
AN/UPM-4B	Hazeltine Electronics	NObsr-52400	1958		MIL-R-15550
AN/UPM-6					* MIL-R-15532B
AN/UPM-6A					* MIL-R-15532B
	Hazeltine Electronics	NObsr-49255	1962		
	" "	NObsr-52499			
AN/UPM-6B	Hazeltine Electronics	NObsr-52195	1953		MIL-R-15532B
AN/UPM-7	Johnson Service Co	NXsr-86351	1945		
AN/UPM-8	Hazeltine Electronics	NObsr-49225	1954		
	" "	NObsr-59299			
	" "	NObsr-57583			
AN/UPM-8B	Brubaker Electronics	N383(17-383)54170A			MIL-T-19331
	" "	NOas-57-212f	1958		
AN/UPM-9	Polytechnic Res & Dev	NOas-53-1125C			MIL-R-8560
	" " "	NOas-54-116C			
AN/UPM-9B	PRD Electronics	NOas-54-116	1954	70	
AN/UPM-10	Gen Communications	NObsr-49223	1953		
AN/UPM-10A	Gen Communications	NObsr-49223	1954		

NOMENCLATURE	SUPPLIER	CONTRACT NUMBER	YEAR	UNITS	SPECIFICATIONS
AN/UPM-10B	Lewyt Mfg Co	NObsr-59929	1956		MIL-T-1661
AN/UPM-11	Sperry Gyroscope Co	AF33(038)ac-22237	1950		MIL-C-4372
	" " "	W33-038ac-6256	1949		
AN/UPM-11A					* MIL-R-4372A
	Sperry Microwave Elec	AF09(603)36597	1962		(E) MIL-T-945
	Sperry Gyroscope Co	AF33(604)5732	1954		
	" " "	AF33(038)2237	1950		MIL-C-4372
	Farnsworth Electronics	AF33(604)5819			MIL-C-4372
AN/UPM-12	Sperry Microwave Elec	AF33(600)17350	1957		(E) MIL-T-945A
	Sperry Gyroscope Co	NObsr 64615	1955		
	" " "	AF33(604)8347	1954		MIL-R-8724
AN/UPM-12A	Sperry Microwave Elec	AF33(600)41330	1960		(E) MIL-T-945A
	Sperry Gyroscope Co		1955		MIL-R-8724A
	Douglas Microwave	AF33(604)29454			
AN/UPM-14	Sperry Microwave Elec	NObsr 81278	1962		(E) MIL-T-945
	" " "	N383(17-MIS)54286A			MIL-T-19594
	Sperry Gyroscope Co	NOas 51-416C	1953		
	" " "	NOas 54-826C	1953		
	" " "	NOas 9718 (Navy)			
	" " "	DA36-0398C-42516			
	" " "	AF33(600)27852			
	" " "	PO86-A-87784			
	" " "	PO86-A-87233			
	" " "	PO86-B-1472			
AN/UPM-15	Stamford Electronics	AF33(038)30107	1952		MIL-P-6324
	" " "	AF33(600)21783	1952		
	Elec of Clearfield				
AN/UPM-15A	ARF Products	AF(604)22164	1959	230	MIL-P-6342A
	Taffet Electronics	AF33(604)35275	1961	549	MIL-P-6324A
AN/UPM-16	Gen Tire & Rubber Co	AF33(604)7647			MIL-E-6397
	Thordarson-Meissner	AF33(604)11718			
AN/UPM-17	Lavoie Labs	AF33(604)7606	1954		MIL-S-4469A
	" " "	AF33(604)7600			MIL-S-4469A
AN/UPM-18	Dynamic Electronics				
AN/UPM-24	Nichols Products Co	AF33(038)14405	1950		MIL-R-4634
	Press Wireless Mfg	AF33(038)16362	1950		
AN/UPM-24A	Nichols Products Co				
	Press Peerless	AF33(604)19848	1959		MIL-R-4634
	" " "				MIL-T-4734



NOMENCLATURE	SUPPLIER	CONTRACT NUMBER	YEAR	UNITS	SPECIFICATIONS
AN/UPM-25	Espey Mfg Co	AF33(038)7949	1951		* MIL-T-4906A
AN/UPM-26	Packard-Bell " "	NOas-57-350 N383-60761A			MIL-T-19266
AN/UPM-27	Sperry Microwave Elec		1955		(E) MIL-T-945A
AN/UPM-27A	Sperry Microwave Elec Sperry Gyroscope Co	AF33(600)36200 AF33(604)11736	1960		(E) MIL-T-945A MIL-I-4890
AN/UPM-28	Sperry Microwave Elec	AF33(604)11736	1956		(E) MIL-T-945A
AN/UPM-28A	Sperry Microwave Elec	AF33(600)32841	1960		(E) MIL-T-945A
AN/UPM-28B			1960		MIL-A-4969A
AN/UPM-29	Sperry Microwave Elec	AF33(604)11736	1956		(E) MIL-T-945A
AN/UPM-29A	Sperry Microwave Elec	AF33(600)32841	1960		(E) MIL-T-945A
AN/UPM-29B	Sperry Microwave Elec " " "	AF33(604)35252	1962	18	(E) MIL-T-945A MIL-T-4888A
AN/UPM-30	Johnson Service Co " " "	NObsr-43457 NObsr-49254	1952 1951		
AN/UPM-32	Sperry Microwave Elec Polarad Electronics " " Sperry Gyroscope Co " " " Decitron Electronics	DA36-039-SC-76361 N383-52227A N383(MIS-383)60694A N383S-16936A NOas 56-812F N383(19-383)76595A	1962 1960  1956		* MIL-T-19408B (E) MIL-T-945A    (E) MIL-T-21200
AN/UPM-33	Garod Radio Co Westinghouse Electric Northeastern Eng Inc Jetric Industries Hazeltine Electronics " " " " " " " " " "	N383s-75262 NXsa-59108 N383a-58410 N383a-12938A N383s-1427 N383s-45628 N383s-46737 N383s-59577 N383s-61061 N383s-39280A	    1950		   MIL-T-18201
AN/UPM-33A	Decitron Electronics " " Jetric Industries " "	AF33(604)39577  N383s-12938A N383a-12938A	1962  1956	88  200	(E) MIL-T-945A MIL-T-18201A  MIL-T-18201
AN/UPM-34	General Precision Labs " " "	AF33(604)5821 W33(038)-ac-14192	1955		MIL-T-4700

NOMENCLATURE	SUPPLIER	CONTRACT NUMBER	YEAR	UNITS	SPECIFICATIONS
AN/UPM-35	Gen Precision Labs	AF33(604)5821	1955		
	" " "	W33(038)-ac-14192	1954		MIL-T-4679
AN/UPM-36	Gen Precision Labs	AF33(604)5821	1955		MIL-C-4689
	" " "	W33-038ac-14192	1954		
AN/UPM-37	Gen Precision Labs	AF33(604)5821	1955		MIL-G-4705
AN/UPM-40	Sperry Microwave Elec Sperry Gyroscope Co.	AF33(604)32216 AF33(038)6663	1959		(E) MIL-T-945
AN/UPM-41	Airborne Inst Lab	AF33(038)30064	1953		
AN/UPM-42	Sperry Microwave Elec	AF33(604)29672	1961		(E) MIL-T-945
	" " "	AF33(604)17553			MIL-T-25768
	" " "	AF33(600)22852			
	" " "	AF33(600)27170			
AN/UPM-44(XN-1)	Sperry Gyroscope Co	NOas 53-735c			
AN/UPM-44	Telerad Div Lionel Sperry Gyroscope Co	N383(19-383)76512A NOas 54-668	1963		(E) MIL-T-945A
	" " "	NOas 53-735c			
	" " "	NOas 54-6681	1955		
	" " "	NOas 51-686			
AN/UPM-44A	Sperry Gyroscope Co	NOas 54-6681	1955		MIL-T-18133
AN/UPM-44B	Sperry Gyroscope Co		1956		MIL-T-18133A
AN/UPM-44C	Lionel Corp	N383(19-383)76512A	1962		
	Polarad Electronics	N383-53701A	1962		
	" " "	NOm-70980			MIL-C-9692A
	" " "	N383(383-MIS)60764A			
	" " "	AF33(604)14754			
	Sperry Microwave Elec	NOas 60-0209-R	1961		(E) MIL-T-945
	Sperry Gyroscope Co	N383-46500A	1958		MIL-C-9692A
	" " "				MIL-T-18133
AN/UPM-45	Waterman Products Co	NObsr-52630	1954		* MIL-O-18006
AN/UPM-46	Seaboard Electric Glenview Metal Prod	NOas 51-1113 N383-S-11933A	1952		MIL-T-7144
	" " "	N383(24)45082A			
	" " "	N383(MIS)47759A			
	Cosmos Industries	N383(24-383)59355A			
AN/UPM-48	Gen Precision Labs	AF33(600)26390	1955		
	" " "	W33(038)-ac-14192			
AN/UPM-49					* MIL-A-9528
AN/UPM-50	Phebeco Inc	AF33(604)-7879	1954		* MIL-D-9555A

NOMENCLATURE	SUPPLIER	CONTRACT NUMBER	YEAR	UNITS	SPECIFICATIONS
AN/UPM-53	Polarad Electronics	AF33(604)14384	1959		* MIL-T-9502A
	" "	AF33(604)16460			
	Dero Res & Dev Corp	AF36(600)11136	1963		
	Lab for Electronics	AF30(120)486	1953		
AN/UPM-55	Sylvania Products	NOas 520856r	1955		* MIL-G-7789A
	" "	NOas 53-801f	1955		MIL-G-7789
AN/UPM-55A	Schaevitz Engineering	N383-53079A	1959		MIL-G-7789A
AN/UPM-56	Gen Communications	AF33(604)40609	1962	390	* MIL-T-15477B
	" "	NObsr 52261	1951		
	" "	NObsr 43172	1949		SHIPS-T-1009
AN/UPM-58	Polarad Electronics	DA-36-039-SC-36586	1962		* MIL-A-1499A
	" "	13620-PH-55-93	1954		(E) MIL-T-945
	" "	DA-36-039-SC-88276			
AN/UPM-60	Polarad Electronics	DA-36-039-SC-36586	1954	132	* MIL-T-14387A
	El-Tek Inc	90118		132	(E) MIL-T-945
AN/UPM-60A	Polarad Electronics	DA-36-039-SC-73952	1959		(E) MIL-T-945
AN/UPM-61					* MIL-C-26083
AN/UPM-63					* MIL-G-25715
AN/UPM-65	Hughes Aircraft Co	AF33(600)22097			(E) MIL-T-945A
AN/UPM-66	Motorola-Chicago Lab for Electronics	AF33(600)26144	1954		(E) MIL-T-945
AN/UPM-68	Divco-Wayne				* MIL-T-26844A
AN/UPM-70	Gen Communications	NObsr 71277	1956		
	" "	NObsr 57410	1955		(E) MIL-E-16400
	" "	NObsr 52261	1951		(E) MIL-T-945
AN/UPM-70A	Stewart Warner Elec	NObsr 71690	1959		
	" " "	NObsr 75126			
AN/UPM-71	Western Electric Co	AF33(600)16314	1955		* MIL-R-25461
AN/UPM-72	Pitometer Log Corp	AF33(604)16664			MIL-T-9532
	" " "	AF30(120)486			
AN/UPM-73	Gen Communications	NObsr 81531	1961		
	" "	NObsr 71566	1956		(E) MIL-T-945
	" "	NObsr 63214			



NOMENCLATURE	SUPPLIER	CONTRACT NUMBER	YEAR	UNITS	SPECIFICATIONS
AN/UPM-80	Sperry Microwave Elec	AF33(600)38280	1961		* MIL-T-26106A (E) MIL-T-945A
AN/UPM-81	Hazeltine Electronics	NObsr 64822	1956		MIL-S-15293B
AN/UPM-84	Polarad Electronics	AF33(604)34447	1963		
	" "	AF33(604)14739			MIL-S-25982
	" "	AF33(604)11469			MIL-S-4469A
	Lavoie Labs				
AN/UPM-84A			1963		MIL-S-25982A
AN/UPM-85			1956		* MIL-T-26133 MIL-V-4306A
AN/UPM-93	Winslow Co	3381-PP-59-A3-A3	1959		* MIL-T-55103
	" "	50637-Phila-57-56(31)			MIL-T-55103
AN/UPM-93A	Polartron Inc	62-404-A3	1962		
	" "	15578-PP-62-A3-A3			MIL-T-55103
AN/UPM-95	Gen Communications	NObsr 71901	1958		SHIPS-F-2702
AN/UPM-96(XN-1)	Airborne Inst Labs	DA-36-039-SC-73200			
AN/UPM-96	Airborne Inst Labs	4338-PP-61-A3-A3	1961		
	" " "	DA 36-039-SC-73200			
AN/UPM-97					* MIL-T-26569
AN/UPM-98	Admiral Corp	NObsr 89064	1962	46	MIL-T-23002
	" "	NObsr 87404	1962	115	
	" "	NObsr 75944	1959		
	" "	NObsr 71516			
	Dero Res & Dev		1962	71	
AN/UPM-99	Admiral Corp	NObsr 71516	1960		
AN/UPM-100	Winslow Co	3341-PP-59-A3-A3	1959		
AN/UPM-101	Admiral Corp	NObsr 75308	1959		MIL-G-19945
AN/UPM-102	Sperry Microwave Elec	DA-36-039-SC-66494	1961		(E) MIL-T-945A
	" " "	682-PM-58-93-93	1961		MIL-T-19408A
AN/UPM-108	Hewlett-Packard	3392-PP-59	1960		
AN/UPM-109	Missouri Res Labs	N383-71369A	1962		(E) MIL-T-945A
	" " "	NOas 58-844f	1959		MIL-T-22331
	" " "	NOas 58-844			

NOMENCLATURE	SUPPLIER	CONTRACT NUMBER	YEAR	UNITS	SPECIFICATIONS
AN/UPM-114	Bendix-Pacific Corp	NOas 58-692f	1960		
	" " "	NOas 59-02251	1960		
	" " "	NOa(s)59-02551			
AN/UPM-127	Beech Aircraft Corp	NOas 59-6262	1963		
AN/UQM-1	Ultrasonics Corp	NObsr 63324	1954		MIL-T-17246A
AN/UQM-2		NObsr 52638	1952		MIL-N-15604
AN/URM-1	Geophysical Service	NOa(s)5425	1945		
AN/URM-2	General Radio Co		1962		
	" " "		1945		
AN/URM-2A	General Radio Co	15575-PP-63-A3-A3	1962		
AN/URM-3	Dynamic Electronics Signal Corps	3336-PH-52-04(61)	1954		MIL-T-10645 MIL-T-10645 (Sig C)
AN/URM-6					* MIL-T-16202A
	Stoddard Aircraft	NObsr 39263	1947		MIL-T-16202
	" "	NObsr 39289	1945		
AN/URM-6A	Eltron Inc	NObsr 43433	1950		
AN/URM-6B	Stoddard Aircraft	NObsr 64090	1953		
	" "	NObsr 57196	1952		
	" "	NObsr 52488	1951		MIL-T-16202
AN/URM-6C	Espey Mfg Co	NObsr 49240	1954		
AN/URM-7	Empire Devices	W36-039-sc-38120	1953		MIL-R-11197
AN/URM-11	Bendix Aviation	AF33(038)5652	1952		
	" "	W33-038-ac-13465	1949		
AN/URM-12	Bendix Aviation	W33-038-ac-13465	1949		
	" "	AF33(038)5652	1949		
	Taffet Electronics				
AN/URM-13	Bendix Aviation	W33-038-ac-13465	1949		MIL-D-5859
	" "	AF33(038)5652	1949		
	Wac Engineering	AF33(038)26223			
	King Electronics				
AN/URM-14	Bendix Radio	AF33(038)14117	1951		
	" "	AF33(038)5652			
	" "	W33-038-ac-13465			
	Amer Measuring Inst				
	Farnsworth Electronics				

NOMENCLATURE	SUPPLIER	CONTRACT NUMBER	YEAR	UNITS	SPECIFICATIONS
AN/URM-15	Bendix Aviation	AF33(038)14117			
	" "	AF33(038)5652			
	" "	W33-038-ac-13465			
AN/URM-17	Stoddard Aircraft	NObsr 42430	1948		MIL-T-16870
AN/URM-17A	Stoddard Aircraft				
AN/URM-18	General Radio Co				
AN/URM-18A	General Radio Co				MIL-T-12607
	" " "	15809-PP-62-A3-A3	1962		
AN/URM-20	Bruno NY Ind Inc	AF33(038)30604	1953		
	Polytechnic Res & Dev	W28-099-ac-462	1951		
	" " " "	AF33(038)30604			
AN/URM-23	Bruno NY Ind Inc	AF33(038)30604	1952		
	" " " "	AF33(604)1177			
	Polytechnic Res & Dev	W28-099-ac-462	1951		
AN/URM-24	Bruno NY Ind Inc	AF33(600)16249	1954		
	" " " "	AF33(038)16249	1952		
	Polytechnic Res & Dev	W28-099-ac-462	1951		
AN/URM-25					* MIL-G-15281B
	Federal Mfg & Eng	NObsr 43410	1949		
	New London Inst Co	NObsr 59613			MIL-G-15281A
AN/URM-25A	Federal Mfg & Eng	NObsr 49203	1950		MIL-G-15281
	New London Inst Co	NObsr 59613			MIL-G-15281A
AN/URM-25B	Federal Mfg & Eng	NObsr 52099	1950		MIL-G-15281
	New London Inst Co	NObsr 59613			MIL-G-15281A
AN/URM-25C	Federal Mfg & Eng	NObsr 52453	1952		MIL-G-15281
	New London Inst Co	NObsr 59613			MIL-G-15281A
AN/URM-25D	Winslow Elec Inc	NObsr 87194	1962	1481	MIL-G-15281B
	Beakatron Mfg Corp	NObsr 85294	1961	838	MIL-G-15281B
	Nuclear Electronics	NObsr 81606	1960	1067	MIL-G-15281B
	Schaevitz Enginerring	NObsr 75246			
	Kings Electronics	NObsr 75083			
	Specialty Eng & Elec	NObsr 59758			
	Trad Television Corp	NObsr 59494	1952		MIL-G-15281
	" " "	NObsr 52725			MIL-G-19281
	J H Kenney & Co				
	New London Inst Co	NObsr 59613			MIL-G-15281A
	Viewflex Inc	NObsr 89426		1634	MIL-G-15281B

NOMENCLATURE	SUPPLIER	CONTRACT NUMBER	YEAR	UNITS	SPECIFICATIONS
AN/URM-25E	Harvey Wells Elec New London Inst Co	NObsr 63060 NObsr 59613	1954		MIL-G-15281 MIL-G-15281A
AN/URM-25F	New London Inst Co	NObsr 59613	1954		MIL-G-15281A
AN/URM-26	Federal Mfg & Eng Measurements Corp	NObsr 43410 NObsr 52212	1949		MIL-S-15463A MIL-S-15463A
AN/URM-26A	Columbus Electronics Measurements Corp Federal Mfg & Eng	NObsr 71586 NObsr 52212 NObsr 43410	1952		MIL-S-15463 MIL-S-15463A
AN/URM-26B	Jetronic Industries Trad Electronics Federal Mfg & Eng Kings Electronics Madigan Elec Corp Measurements Corp 21st Century Elec Co	NObsr 81404 NObsr 59607 NObsr 43410 NObsr 75368 NObsr 85480 NObsr 52212 NObsr 75645	1962 1953		MIL-S-15463A MIL-S-15463A
AN/URM-27	Dale Pollack Ferris Instrument Co	15743-Phila-50-7 PD-50-SCB-56	1950		
AN/URM-29					MIL-T-10744
AN/URM-30	Hoffman Radio Corp Dynamic Electronics	AF33(038)5603	1950		* MIL-R-6372 MIL-A-5338
AN/URM-31	M C Jones Elec Co " " " " " " " "	21674-PH-50-7 25723-PH-49 21674-PH-50	1950 1950 1950		
AN/URM-32	Radio Frequency Labs " " " Polarad Electronics	DA-36-039-sc-15385 DA-36-039-sc-64450 AF33(604)5758	1954 1954		MIL-F-13569
AN/URM-33	Polarad Electronics	AF33(604)5758	1954		(E) MIL-E-15090
AN/URM-33A					* MIL-G-26765
AN/URM-33AX			1960		MIL-G-26765
AN/URM-33X			1960		MIL-S-26765
AN/URM-34	Polarad Electronics	AF33(604)5758	1954		(E) MIL-E-15090
AN/URM-34A					MIL-G-26820
AN/URM-35	Polarad Electronics	AF33(604)5758	1954		(E) MIL-E-15090



NOMENCLATURE	SUPPLIER	CONTRACT NUMBER	YEAR	UNITS	SPECIFICATIONS
AN/URM-35A			1957		MIL-G-26821
AN/URM-36	Polarad Electronics	AF33(604)5758	1954		(E) MIL-E-15090
AN/URM-36A			1957		MIL-G-26822
AN/URM-39	General Radio	NObsr 64213	1954		
	" "	NObsr 52620	1951		MIL-B-16109
AN/URM-43	J H Kenney & Co	NObsr 81414		946	MIL-W-0015331
	Decitron Electronic	NObsr 81064	1959	250	
	Electro Impulse Labs	NObsr 69605	1953		
	Bird Electronics	NObsr 52667	1951		
	" "	NObsr 52121	1950		MIL-R-15331A
AN/URM-43A	Electro Impulse Labs	NObsr 64796	1956		MIL-R-15331B
	" " "	NObsr 64272			
	" " "	NObsr 59605			
	" " "	NObsr 57180			MIL-W-15331B
AN/URM-43B	Decitron Electronic	NObsr 81064	1960		MIL-W-0015331E
	Elec of Clearfield	NObsr 75427	1959		
	" " "	NObsr 71355	1957		MIL-R-15331B
	Electro Impulse Labs				
AN/URM-43C	Dynamic Techniques		1961	185	MIL-W-0015331F
	Electro Impulse Labs	NObsr 71807	1958		MIL-W-15331D
AN/URM-44	Polarad Electronics	N383-30847A			
	" "	NOa(s)51-1179			MIL-G-7142A
	" "	N383-94182	1957		
	" "	N383-30863A			MIL-G-7142
	" "	N383-46411A			
	Cosmos Industries	N383-71387A		194	
AN/URM-44A	Cosmos Industries	N383(383-MIS-24)60767	1962		MIL-G-7142A
	" "	N383(383-MIS-24)60767A	1962		
AN/URM-45	Westinghouse Electric		1952		
AN/URM-46	Bird Electronics		1952		
AN/URM-47	Stoddard Aircraft	NObsr 52301	1952		(E) MIL-R-15683C
	" "	NObsr 64089			(E) MIL-Std-125
AN/URM-47A	Stoddard Aircraft	NObsr 71848	1957		
AN/URM-48	ARF Products	14210-PH-51-93	1954		MIL-G-10484A
	Designatronics Inc	52761-PP-61-A3-A3			MIL-G-104884C
	Armour Research				MIL-S-10484
	Adler Electronics Inc				

NOMENCLATURE	SUPPLIER	CONTRACT NUMBER	YEAR	UNITS	SPECIFICATIONS
AN/URM-49	Lavoie Labs	N383s-59384			
	" "	N383s-59768			
	" "	N383s-60282			
	" "	NOa(s)9266			MIL-G-17995
	" "	N383s-57446			
	" "	N383s-57474			
	Boonton Radio Corp	N383s-57475			
		NOsa-8669			
AN/URM-49A	Lavoie Labs	N383-S-29602	1956		* MIL-G-17995A
	" "	N383-29602A			
	Airtronics Int Corp	N383-66294	1963	337	MIL-G-17995A
AN/URM-50	National Company Inc	NObsr 52582	1953		MIL-M-15783B
AN/URM-52	Hewlett-Packard	NOa(s)51-1167			MIL-G-7141
AN/URM-52A	Inland Electronics Corp	N383(MIS)77032A	1963		(E) MIL-T-21200B
	Hewlett Packard	N383(24-383)46470A	1957	70	
	" "	N383-32823A	1956		MIL-G-7141
	Van Norman Ind Inc			266	
AN/URM-52B	Inland Electronics Corp	N383(MIS)77023A	1963		MIL-G-7141
AN/URM-53					* MIL-G-26677
AN/URM-54	Bruno NY Ind Inc	AF33(604)7850			* MIL-G-27295
AN/URM-55	Bruno NY Ind Inc	AF33(604)7850			MIL-G-27154
AN/URM-56	Bruno NY Ind Inc	AF33(604)7850			MIL-G-27155
AN/URM-57	Wac-Line Inc	AF33(604)6223	1956		
AN/URM-58	Wac-Line Inc	AF33(604)12251	1960		* MIL-D-26708A
AN/URM-59	Wac-Line Inc	AF33(604)7917	1954		* MIL-D-9676
	Sperry Gyroscope Co	W28-099-ac-176			
AN/URM-60	Airtron Inc	AF33(604)8614	1952		
AN/URM-61	Hewlett Packard	N383s-91867(p)	1953		
	" "	N383s-74507	1952		MIL-T-18197
	" "	N383s-74917	1947		
	" "	NOsa-9543	1947		
	" "	NOa(s)9213	1947		
	Federal Mfg & Eng	NOa(s)12297	1950		
	Transitron Inc	N383s-74507			
	" "	N383s-74917			
" "	N383s-91867(p)			MIL-T-18197	

NOMENCLATURE	SUPPLIER	CONTRACT NUMBER	YEAR	UNITS	SPECIFICATIONS
AN/URM-61A	Transitron Inc	N383s-74917	1956		
	" "	N383s-74507			
	" "	N383s-91867(P)			
	Hewlett-Packard				
					MIL-T-18197
					MIL-T-18197A
AN/URM-62	Wac Engineering Co	AF33(604)9098	1954		
	Antenna Res Lab	W28-099-ac-176	1952		
	" " "	AF33(038)29188	1951		
	" " "	AF33(038)18864	1951		
	" " "	AF33(038)14185	1950		
AN/URM-63	Polytechnic Res & Dev				* MIL-O-4670A
	" " " "	W28-099-ac-148			
AN/URM-64					* MIL-G-17994A
	Northeastern Eng Inc	N383s-75748	1953		
	" " "	N383s-77651			
	Aircraft Radio Corp	NOa(s)9748			
	Technicraft Corp	NOa(s)12279			
	Transitron Inc	N383s-16939A			
	" "	N383-46093A			MIL-G-17994
AN/URM-64A	Transitron Inc	N383s-16939A			MIL-G-17994
	" "	N383(24-283)-46093A			
	Van Norman Ind Inc	N383-(17-11-MIS-383) 60676A			MIL-G-17944A
AN/URM-65	Insuline Corp of Amer				* MIL-R-4919
AN/URM-67	Control Electronics	AF33(604)10045			MIL-M-4918A
	" "	AF33(604)16008			(E) MIL-E-5400
	Technology Inst Corp		1953		
AN/URM-68	Airtron Inc	AF33(038)25458	1955		MIL-D-4300
AN/URM-70	Measurements Corp	6895-PH-51-61	1953		MIL-S-11107
	" "	6895-Phila-51-93			
AN/URM-74	Davies Labs	NObsr-63351	1953		MIL-F-16100A
AN/URM-75	Philco Corp	NOas 52-854	1953		
AN/URM-76	Radio Corp of Amer		1953		(E) MIL-T-945A
AN/URM-76A					* MIL-T-26954
	Radio Corp of Amer		1958		
	Welex Electronics				
AN/URM-78	Transdyne Corp				* MIL-S-4712A
AN/URM-79	Sparks-Withington Co	14231-PH-51	1954		MIL-F-11068

NOMENCLATURE	SUPPLIER	CONTRACT NUMBER	YEAR	UNITS	SPECIFICATIONS
AN/URM-80	Lavoie Labs " " " "	99-PH-52 W-36-039-sc-44586 DA 36-039-sc-36527			MIL-F-11069
AN/URM-81	Lavoie Labs	102-PH-52	1954		MIL-F-10636
AN/URM-82	Sparks-Withington Co Sparton Corp	14231-PH-51 14233-PH-51	1954		MIL-F-11068 MIL-F-11068
AN/URM-83	Capehart-Farnsworth	AF33(600)23247	1954		
AN/URM-85	Empire Devices PRD Electronics Empire Devices " " " "	02871 01850 DA36-039-sc-82205 4437-PP-60-A3-A3	1963 1963 1962 1960	100 100	MIL-R-55032A MIL-R-55032A MIL-R-55032 (E) MIL-T-945 MIL-R-55032
AN/URM-87	Airtron Inc	AF33(604)8614	1954		
AN/URM-89	Elk Electronics Republic Electronics	38792-PH-53-34(61) 39170-PP-58-A3-A3	1955		MIL-F-10127 MIL-M-14626
AN/URM-90	Crescent Communications Model Eng & Mfg Inc " " " " "	37227-Phila-53 25659-Phila-54	1962 1955 1955	596	MIL-B-3694A MIL-T-3694A MIL-B-3694
AN/URM-91	Telectro Ind Inc	25797-PH-54	1955		MIL-M-13091
AN/URM-92					* MIL-G-26447
AN/URM-93	Boonton Radio Corp	89595	1962	65	
AN/URM-93A	Boonton Radio Corp	3425-PP-59-A3	1959		
AN/URM-94	Motorola Inc " "	79065 50633-PH-57-56	1960 1957	06	
AN/URM-95	Philharmonic Radio Motorola	AF33(600)41508 AF33(600)24419	1961		* MIL-T-27631
AN/URM-96	Sierra Electronics	N0bsr 71259	1956		
AN/URM-96A	Sierra Electronics	N0bsr 85448	1962		
AN/URM-98	Hewlett-Packard " " " "	35284-PH-56-56(51) N383S-18126A 82500	1956		115
AN/URM-103	Adler Electronics		1962		
AN/URM-105	Industrial Devices Inc	42899-Phila-57	1957		MIL-M-12135A



NOMENCLATURE	SUPPLIER	CONTRACT NUMBER	YEAR	UNITS	SPECIFICATIONS
AN/URM-105A	Canadian Admiral Corp		1959		
AN/URM-113	Hickok Electrical Inst	39109-PP-58-A3-51	1958		
AN/URM-114	Decitron Electronics	NObsr-89252	1963	54	MIL-C-22330
	Sylvania Elec Systems	NObsr-87661	1962	17	
	" " "	NObsr-87339			
	" " "	NObsr-77518			MIL-E-16400
	" " "				MIL-C-22330
	NEL		1958		
AN/URM-115	Aircraft Radio Corp	N600(24)6088	1963		
	" " "	NObsr-75741	1960		
	Control Electronics	NObsr-72709	1958		(E) MIL-E-5400
	Naval Research Lab		1958		
AN/URM-120	Sierra Electronics	NOas-59-0238	1960		
	Douglas Microwave	N600(19)55693	1960	500	
AN/URM-127	Republic Electronics		1963	1579	MIL-G-27724
	" "		1961	1130	MIL-A-4291B
	Taffett Electronics		1960		
AN/URM-132	Panoramic Electronics	NObsr-81246	1960		
AN/URM-134	Panoramic Radio Prod	NObsr-81246	1960		
AN/USA-5	Hewlett-Packard				
AN/USM-3					* MIL-T-15559B
	Radio Frequency Lab	NObsr-42100	1948		
	Bruno NY Ind Inc				
	Newark Controls Co	NObsr-64817			MIL-T-15559A
AN/USM-3A	Radio Frequency Lab	NObsr 52269	1961		MIL-T-15559A
	Newark Controls Co	NObsr-64817			MIL-T-15559A
AN/USM-3B	Newark Controls Co	NObsr-64817			MIL-T-15559A
AN/USM-5					* MIL-I-4738A
AN/USM-6	Nassau R & D Assoc	AF33(604)7867	1953		MIL-I-26705A
AN/USM-7	Wac Engineering Co	AF33(604)6320	1953		MIL-I-4103A
AN/USM-11	Polytechnic Res & Dev	W28(099)-ac-190			
	Press-Wireless	AF33(604)10367	1955		MIL-I-4808
AN/USM-14	Narda				MIL-I-4929
	Polytechnic Res & Dev				
	Allied Radio Corp	NObsr-42512			

NOMENCLATURE	SUPPLIER	CONTRACT NUMBER	YEAR	UNITS	SPECIFICATIONS
AN/USM-16	Rollin Co " " " Byron Jackson Co	AF33(038)30078	1954		MIL-S-4071 (E) MIL-T-945A MIL-S-4071
AN/USM-17	Western Electric Co	AF33(038)7414	1951		
AN/USM-18	Western Electric Co	AF33(038)7414			
AN/USM-20	Western Electric Co	AF33(038)7414	1950		
AN/USM-21	Industrial Inst Inc	AF33(038)13237	1950		
AN/USM-21A	Bruno NY Ind Inc " " " "	AF33(604)29952 AF33(604)14976	1958		MIL-O-25633
AN/USM-22	C & NL Wright-Pat AFB Wac Line Inc	AF33(604)15465	1957		MIL-W-4351 MIL-W-4351
AN/USM-23	Electronic Products " " Victoreen Inst	NObsr 52782 NObsr 52712 NObsr 52544	1951 1951 1951		MIL-T-16213
AN/USM-24	Waterman Products Co " " " " " " " " "	NObsr 64165 NObsr 59499 NObsr 52205 NObsr 49230			(E) MIL-I-16910 MIL-O-15458A
AN/USM-24A	Fada Radio & Electric " " " " Waterman Products Co	NObsr 52510 NObsr 59613 NObsr 59499	1954		MIL-O-15458A MIL-C-915A MIL-O-15458A
AN/USM-24B	Waterman Products Co " " "	NObsr 52205 NObsr 59499	1953		MIL-O-15458 MIL-O-15458A
AN/USM-24C	Waterman Products Co " " "	NObsr 59499 NObsr 75320	1955		MIL-O-15458A(SHIPS)
AN/USM-24D	Waterman Products Co	NObsr 59499	1956		MIL-O-15458A
AN/USM-25	Waterman Products Co " " "	NOas 52-102261 NOas 52-1026	1952		MIL-O-7738
AN/USM-25A	Model Eng & Mfg Inc Industrial TV Inc	N383(MIS-383)60751A NOas 52-693-i	1953		MIL-O-7738A MIL-O-7738
AN/USM-25B	Industrial TV Inc	NOas 52-693-i	1953		MIL-O-7738
AN/USM-26	Crescent Commun Corp " " " Maxwell Electronics Hewlett-Packard " " " " " " " "	N383-878111 N383-78111A N383-66295 NOas 54-901r N383s-1966A NOas 54-901 NOas 52-1095r	1962 1962 1960 1954 1954 1953		MIL-F-7847B MIL-F-7847A MIL-F-7847

NOMENCLATURE	SUPPLIER	CONTRACT NUMBER	YEAR	UNITS	SPECIFICATIONS
AN/USM-26A	Hewlett-Packard Co Northeastern Eng Inc	N383-33407A	1957		MIL-F-7847A MIL-F-7847C
AN/USM-27	Harvey Wells Elec " " " Specialties Assem & Pkg	NObsr 49168 NObsr 52362 NObsr 49168	1950 1951		* MIL-G-15473D
AN/USM-27A	Harvey Wells Elec " " " Specialties Assem & Pkg	NObsr 57233 NObsr 49168 NObsr 49168	1952		* MIL-G-15473D
AN/USM-27B	Waterman Products Specialty Packing Co " " " Gilliland Harvey Wells Metronix	NObsr 75655 NObsr 63292 NObsr 49168 NObsr 71820	1954 1953	70	
AN/USM-28	Kay Electric Co	39138-PH-53	1952		
AN/USM-29	Fed Telecommun Labs Hoffman Labs	NObsr 43394 NObsr 52722	1949 1951		MIL-F-1562F
AN/USM-30	Specialty Packing Co				
AN/USM-31	Weston Electrical " "	NObsr 63317 NObsr 52388	1954 1951		
AN/USM-32	Munston Elec Mfg Dynamic Electronics DuMont Labs Gruen Watch Company	91494 NObsr 75153 NObsr 52688	1962 1959 1951	770	MIL-O-18465A MIL-O-15630
AN/USM-33	Weston Electrical " " Bruno NY Ind Inc Condor Industries	AF33(038)30102 AF33(604)29454	1961		MIL-E-15090 MIL-M-26896 MIL-M-26896
AN/USM-34	Hickok Electrical Inst " " " " " "	NObsr 52719 NObsr 57494	1952		MIL-M-15629A MIL-M-15629C
AN/USM-34B	B M Harrison	NObsr 71379	1960		MIL-M-15629D
AN/USM-35	Nichols Products	AF33(600)17178	1953		* MIL-I-4834A
AN/USM-37	Hewlett-Packard " "	NObsr 87602 NObsr 63074	1953	66	
AN/USM-37A	Hewlett-Packard	NObsr 81209	1960		

NOMENCLATURE	SUPPLIER	CONTRACT NUMBER	YEAR	UNITS	SPECIFICATIONS
AN/USM-37B	Hewlett-Packard	NObsr 87602	1962		
AN/USM-38	Trad Electronics Corp	NObsr 59445	1955		MIL-O-1563
AN/USM-39	Ford Instrument Co " " "	AF33(600)18882 AF33(600)26828			
AN/USM-44	Hewlett-Packard " "	NOas 53-853 NOas 53-8531	1954		MIL-G-7702 MIL-G-7702A
AN/USM-44A	Jetronic Industries Nuclear Electronics Hewlett-Packard " "	N383-76596A N383s-17765A N383-3733A N383-36708A	1962 1957		MIL-G-7702A
AN/USM-45	Control Electronics " " Melstrom Mfg Corp	N600s-a-39828	1956		(E) MIL-E-5400 MIL-C-17957
AN/USM-46	Brush Dev Co	PD-52-RB/PEA-229	1954		
AN/USM-47(XN-1)	Hewlett-Packard	NOas-51-117			
AN/USM-47	Hewlett-Packard " "	NOas 51-117 NOas 55-940	1957		(E) MIL-T-945
AN/USM-48	Hewlett-Packard " "	NOas-55-940 NOas-51-117	1957		(E) MIL-T-945 MIL-G-19997
AN/USM-50	Sentinel Electronics Lavoie Labs " " Teletronics	O1822 DA-O4-495-ORD-350 36048-Phila-57-56(31)	1963 1954	777	MIL-O-14310A
AN/USM-50A	Lavoie Labs	31165-PH-55	1955		MIL-O-14310
AN/USM-50B	Lavoie Labs	36048-Phila-57-56(31)	1957		
AN/USM-50C	Teletronics Labs	40202-PP-58	1959		MIL-O-14310
AN/USM-55	Ultrasonic Corp	NObsr 64668	1955		
AN/USM-58	Radio Corp of Amer	AF33(600)5781	1955		
AN/USM-58A					* MIL-T-25881
AN/USM-63	Texas Instruments Burlington Inst Co	SC-36-039-58-10167-51 28669-PH-55	1958 1956	530	MIL-T-11455A MIL-T-11455



NOMENCLATURE	SUPPLIER	CONTRACT NUMBER	YEAR	UNITS	SPECIFICATIONS
AN/USM-65	Empire Devices	DA36-039-sc-64716	1958		MIL-T-4807
AN/USM-68	Bruno NY Ind Inc		1959		MIL-B-9650
	" " " "	AF33(604)16923	1956		MIL-T-9560
AN/USM-74	Ford Instrument Taffet Electronics	AF33(600)34124	1957		MIL-T-25884
AN/USM-81	Jetronic Industries	01639(E)	1963		
	" "	4497-PP-60-A3-A3	1962		
	Hickok Electrical Inst	39189-PP-58	1959		
	Tektronix Inc		1957		
AN/USM-83	Cubic Corp	4533-PP-60	1960		
AN/USM-89	Hickok Electrical Inst	91412	1962	396	
	Tektronix Inc		1959		
AN/USM-89A	Tektronix Inc	4411-PP-60-A3-A3	1960		
AN/USM-89B	Hickok Electrical Inst	15877-PP-62-A3-51			
AN/USM-96	Bruno NY Ind Inc	14908-PC-58-A3-A3	1959	116	
AN/USM-98	John Fluke Co	00150(E)	1963		
	" " "	4483-PP-61-A3-A3	1961		
AN/USM-99	Winslow Co	N600(A)42413	1959		
AN/USM-105	Hewlett-Packard	NObsr 75278	1960		SHIPS-O-2955
AN/USM-105(V)	Hewlett-Packard	NObsr 75278	1959		SHIPS-O-2945
AN/USM-105A	Hickok Electrical Inst	NObsr 87382	1962	451	MIL-O-22237
	" " "	NObsr 85316	1961	1079	MIL-O-22237
	Hewlett-Packard	NObsr 75278	1958	400	
	" "	NObsr 81535		485	MIL-O-22237
AN/USM-106	Ballantine Labs	NObsr 75591	1959		MIL-E-17362B
AN/USM-108	Tektronix Inc	41007-PZ-63-41-41	1962		
	" "		1959		
AN/USM-113	Victoreen Inst Co	NObsr 85583	1962	16	MIL-T-22875
	Nuclear Research	NObsr 89549		19	MIL-T-22875
	Material Lab				
AN/USM-114	Sylvania Electronics	NObsr 77518		23	MIL-C-22330
	Cubic Corp	NObsr 72707	1959		

NOMENCLATURE	SUPPLIER	CONTRACT NUMBER	YEAR	UNITS	SPECIFICATIONS
AN/USM-115	Control Electronics	NObsr 85574	1962		* MIL-C-22364
	" "	NObsr 72709			MIL-C-22364
	American Avionics	NObsr 85574	1961	404	MIL-T-945A, MIL-E-16400D
AN/USM-116	Hickok Electrical Inst	NObsr 87359	1962	198	MIL-M-23102
	" " "	NObsr 75953	1960		
AN/USM-117	Gen Atronics Corp	NObsr 87573	1962	7	* MIL-O-23124
	" " "	NObsr 81201	1960		SHIPS-O-3284
AN/USM-118	Hickok Electrical Inst		1960		
AN/USM-118A	Hickok Electrical Inst	N600(24)54983	1963	93	
	" " "	NObar 85003	1961		
AN/USM-119	Melstrom Mfg Co	15438-PP-63	1963		
	" " "	4429-PP-60-A3-A3	1960		
AN/USM-120	Tektronix Inc	N140(131)70086B	1961		
AN/USM-123	Alpha Corp	NOm 71331	1960		
AN/USM-132	Automation Dynamics	NObsr 77077	1960		
AN/USM-134	Nortronics	NObs 77077	1961		(E) MIL-T-945A
	"				(E) MIL-T-20060
	"				(E) MIL-M-15071C
	"				MIL-P-116
AN/USM-139	Hewlett-Packard	NObsr 81535	1961		MIL-O-22237
AN/USM-140	Hewlett-Packard	NObsr 81535	1961		MIL-O-22237
AN/USM-140A	Hickok Electrical Inst	Nobsr 87629	1962	80	MIL-D-22237A
	" " "	NObsr 87708	1962		
AN/USM-141	Hewlett-Packard	NObsr 81535	1961		* MIL-O-22237A
AN/USM-144	Jetronic Industries	N383-78192A-9202	1962	66	
	Centronix Inc	N383(17-383)61157A	1961		MIL-F-21344
AN/USM-159	Dero Res & Dev	02855(E)	1963	736	MIL-F-55171
	Lavoie Labs	03022(E)	1963	836	
	" "	4557-PP-60-A3	1962	664	MIL-F-55171
	" "	4557-60-A3-A3			
AN/USM-172	Burroughs-Paoli	AF33(600)40540	1962		
AN/UVM-1	Edgerton G & G Inc	AF33(600)25241	1955		

NOMENCLATURE	SUPPLIER	CONTRACT NUMBER	YEAR	UNITS	SPECIFICATIONS
AN/WQM-3	Dyna Empire Inc Daven Co	NObsr 71659 NObsr 75144	1957	340	MIL-T-19361A
AN/WQM-4	Daven Co	NObsr 75144	1961		MIL-T-19361A
BC-221	Bendix Aviation Allen D. Cardwell Philco Corp Rauland-Borg Corp Zenith Radio Corp				
BC-376A	Packard Bell Company				
BC-376B	Packard Bell Company				
BC-376C	Packard Bell Company				
BC-376D	Packard Bell Company				
BC-376E	Packard Bell Company				
BC-376F	Packard Bell Company				
BC-376G	Packard Bell Company				
BC-376H	Packard Bell Company " " "	4099-DAY-45-CN 4027-DAY-45-SE	1945 1945		
BC-376J	Packard Bell Company				
BC-1060A	Westinghouse Electric DuMont Labs Espy Mfg Co	650SCRL-42 71-Z357	1943		
BC-1060B	DuMont Labs				
CG-97/AP	Columbia Mach Works	NXsa-48308			
CM-236/FSA	Radio Corp of Amer	AFO4(647)179	1962		
CM-237/FSA	Radio Corp of Amer	AFO4(647)179	1962		
CM-238/FSA	Radio Corp of Amer	AFO4(647)179	1962		
CM-244/FSA	Radio Corp of Amer	AFO4(647)179	1962		
CM-250/FPS-49	Radio Corp of Amer	AFO4(647)179	1962		
CN-7(Y)URA-T1					* MIL-A-13196
CN-16/U	General Radio Co		1948		
CN-16A/U	General Radio Co		1954		

NOMENCLATURE	SUPPLIER	CONTRACT NUMBER	YEAR	UNITS	SPECIFICATIONS
CN-30/U	Weinschel Eng Co				
CN-30A/U					MIL-A-3933
CN-39/U	Weinschel Eng Co				
CN-42/UP					* MIL-A-4637
	Electron Radar Prods	AF33(038)23971	1951		
	DeMornay Budd Inc	49-7245-MIPR	1949		
	PIB Products	971-45-RA	1945		
	Cover Dual Signal Sys	3842-CEGSA-44			
CN-43/UP					* MIL-A-4637
CN-45/UP					* MIL-A-18199
	Hill Diesel Engine Co	NAer 00376			
	" " " "	NOas 6789			
	Hazeltine Electronics	N383s-75234			
	" "	N383s-47572			
	Maguire Industries	NOa(s)6789			
CN-87/U	Polytechnic Res & Dev	NObsr 39332	1948		
	Hazeltine Electronics	NObsr 39332			
CN-220/U	Polytechnic Res & Dev	4146-PP-61-A2-A2	1961		
CN-258/G	Tech Labs Inc	3675-PP-59			
CN-318/G	General Radio Co	22003-PC-60-A2-A2	1960		
CN-491/G	Hewlett-Packard	4760-PP-60-A2-A2	1959		
CN-492/G	Hewlett-Packard	18051-PC-60-A2-55	1959		
CN-533/U	Polytechnic Res & Dev	4142-PP-61-A2-A2	1960		
CN-713/U	NDL Inc	33678-PC-62-A1-A1	1962		
	Hewlett Packard		1960		
CN-795/U	PRD Electronics	15832-PP-62-A3-A3	1962		
CN-802/U	PRD Electronics	16459-PP-62-A4-A4	1962		
CP-95/PD	Admiral Corp	NObsr 52431	1952		MIL-R-16154
	Polaroid Corp	NObsr 49257	1950		MIL-R-15239
CP-95A/PD	Specialty Eng & Elec	NObsr 75584	1958		
	Specialty Packing Co	NObsr 63433	1954		
	Specialty Eng & Elec	NObsr 64519			
	" " " "	NObsr 64778			
	" " " "	NObsr 63433			
	" " " "	NObsr 75046			



NOMENCLATURE	SUPPLIER	CONTRACT NUMBER	YEAR	UNITS	SPECIFICATIONS
CP-95B/PD	Universal Transistor	NObsr 71888	1958		MIL-C-16154C
CU-1002/ASQ-68	Airborne Inst Lab	AF33(600)40540	1961		
CU-1003/ASQ-68	Airborne Inst Lab	AF33(600)40540	1961		
DA-2/UP	Polytechnic Res & Dev	W28-099-ac-148	1947		
DA-3/U	Polytechnic Res & Dev	W28-099-ac-148	1947		
DA-4/U	Polytechnic Res & Dev	W28-099-ac-148	1947		
DA-6/U	Bernard Rice & Sons	NXsr 95051			
	" " " "	NXsr 33321	1947		
DA-11/U	Polytechnic Res & Dev	W28-099-ac-148	1947		
DA-15/U	Polytechnic Res & Dev	W28-099-ac-148	1948		
DA-18/U	ARF Products	AF33(604)7951	1954		MIL-D-4678
	Airtron Inc	AF33(038)14135	1953		MIL-D-4678
	Sperry Gyroscope Co	W28-099-ac-176	1953		MIL-D-4678
DA-19/U	Sperry Gyroscope Co	W28-099-ac-176	1949		MIL-D-3954
DA-20/URM-68	Hazeltine Electronics	NObsr 52216			MIL-D-3954
	" "	AF33(038)25458	1956		
	Airtron Inc	AF33(038)25458	1953		MIL-D-4300
	Sperry Gyroscope Co	W28-099-ac-176	1948		
DA-21/U	Wac Engineering Co	AF33(600)21336	1952		
	" " "	AF33(038)28806	1951		
	Antenna Res Lab	AF33(038)29188	1951		
	Sperry Gyroscope Co	W28-099-ac-176			
	Electro Impulse Labs	AF33(038)7823			
DA-22/U	Wac Engineering Co	AF33(604)9098	1954		
	Antenna Res Lab	W28-099-ac-176	1952		
	" " "	AF33(038)29188	1951		
	" " "	AF33(038)18864	1951		
	" " "	AF33(038)14185	1950		
	Sperry Gyroscope Co	W28-099-ac-176			
DA-23/U	Sperry Gyroscope Co	W28-099-ac-176	1949		
DA-25/U	Sperry Gyroscope Co	W28-099-ac-176	1949		
DA-31/U	Sperry Gyroscope Co	W28-099-ac-176	1948		
DA-32/U	General Electric	NObsr 39342	1949		
DA-51/U	Polytechnic Res & Dev	W28-099-ac-148			* MIL-D-9605

NOMENCLATURE	SUPPLIER	CONTRACT NUMBER	YEAR	UNITS	SPECIFICATIONS
DA-53/U	Sperry Gyroscope Co	W28-099-ac-176	1951		
DA-54/U	Sperry Gyroscope Co	W28-099-ac-176	1953		
DA-64(XE)/UP	Raytheon Mfg Co	DA36-039-sc-5622			
DA-64/UP	Raytheon-Waltham	14175-PH-51-93	1951		* MIL-D-11933B MIL-R-10846 MIL-D-11933
	" "				
	Polarad Electronics	DA36-034-SC-64153			
DA-64A/UP	Raytheon-Waltham	38982-PH-53-46(61)	1953		MIL-C-11933
	" "	DA36-039-SC-5622			
DA-64B/UP	Polarad Electronics	DA36-039-SC-64135	1955		MIL-D-11933
	" "	24828-Phila-54-59(31)			MIL-D-11933
	Raytheon Mfg Co				
DA-67/U	Westinghouse Electric	NOa(s)12145	1952		
	" "	N383(s)2178A			
DA-68/U	Westinghouse Electric	N383(s)1800A			
	" "	NOa(s)12145			
DA-74/U	Sperry Gyroscope Co		1955		
DA-76/U	Polytechnic Res & Dev	AF28-099-200	1952		
DA-79/U	Collins Radio	NOas 51-1018			MIL-H-15362
DA-86/U	Radio Corp of Amer		1953		
DA-88/U	Bird Electronics	NObsr 52692	1953		
DA-88A/U	Bird Electronics	NObsr 75296	1958		
DA-89/U					* MIL-D-4718A
DA-90/U	Artisan Electronics	AF33(604)7959	1957		MIL-D-4739
	Square Root Co	AF33(604)7959	1954		
DA-91/U	Bird Electronics	NObsr 85275	1961	142	
	Fed Tele & Radio Corp	NObsr 52021	1953		
DA-94/FRC-33A	Philco Corp	AF33(038)17133	1954		
DA-96/U	Airtron Inc		1955		
	Bendix Radio				
DA-97/U	Airtron Inc		1955		
	Bendix Radio				
DA-98/U	Airtron Inc	3526-PH-54-92(28178)	1954		

NOMENCLATURE	SUPPLIER	CONTRACT NUMBER	YEAR	UNITS	SPECIFICATIONS
DA-103/U	Bendix Radio " "	NObsr 57088 NObsr 52057	1953		
DA-104/U					* MIL-D-4840A
DA-112/U	Sperry Gyroscope Co	NOas 54-734F			
DA-120/U	Bogart Mfg Co		1955		
DA-127/MPS-16	Avco Corp	AF30(635)382	1959		* MIL-D-27051
DA-144/U	Bogart Mfg Co		1956		
DA-145/U	Bogart Mfg Co	DA-30-069-ORD-1997	1956		
DA-146/U	Bogart Mfg Co	DA-30-069-ORD-1977	1956		
DA-147/U	Bogart Mfg Co		1956		
DA-148/U	Bogart Mfg Co	DA-069-PRD-1788	1956		
DA-149/U	Bogart Mfg Co		1956		
DA-150/SPG-49	Sperry Gyroscope Co		1956		MIL-R-18669
DA-151/SPG-49	Sperry Gyroscope Co		1956		MIL-R-186069
DA-152/SPG-49	Sperry Gyroscope Co		1956		MIL-R-18669
DA-153/SPG-49	Sperry Gyroscope Co		1956		MIL-R-18669
DA-158/U	Bogart Mfg Co				
DA-159/U	Bogart Mfg Co				
DA-160/U	Bogart Mfg Co				
DA-173/GRM-10	Collins Radio	AF30(635)4504	1957		
DA-174/GRM-10	Collins Radio	AF30(635)4504	1957		
DA-175/GRM-10	Collins Radio	AF30(635)4504	1957		
DA-195/U	Eldico Electronics		1958		
DA-199/U	Technical Mat Corp	PD-03-897002-01-1			
DA-200/U	Technical Mat Corp	PD-03-897002-01-1			
DA-201/U	Technical Mat Corp	PD-03-897002-01-1			
DA-205/MPQ-4A	GE Syracuse	4919-PP-61-A3-A3	1962		

NOMENCLATURE	SUPPLIER	CONTRACT NUMBER	YEAR	UNITS	SPECIFICATIONS
DA-206/MPQ-4A	GE Syracuse	4919-PP-61-A3-A3	1962		
DA-218/U	Collins Radio	NObsr-75279	1959		
DA-242/U	Bird Electronics	NObsr-81048	1960		SHIPS-D-3312
DA-249/M	Army Ord " "	DA-36-034-ORD-2013 DA-36-034-ORD-2000	1960		
DA-253/P	Army Ord " "	DA-36-034-ORD-2013 DA-36-034-ORD-2000	1960		
DA-274/U	Bird Electronics	NObsr-85275 (FBM)	1961		
DA-279/MS	Hughes Aircraft Co		1961		
DA-283/APM-172	Burroughs-Paoli	AF33(600)40540	1961		
DT-35/PD	Kelley-Koett Mfg Co		1948		
DT-104/U	Sperry Gyroscope Co		1952		
FR-4/U	Sparks-Withington Co " " " " " "	14231-PH-51 DA-36-039-SC-5642 14231-PH-51-93			
FR-5/U	Lavoie Labs " " " "	W36-039-sc-44586 DA-36-039-sc-36527 99-PH-52-93			MIL-F-11069
FR-6/U	Lavoie Labs " " " "	102-PH-52 102-PH-52-93 W36-039-sc-36522			MIL-F-10636 MIL-F-10635
FR-7/UP	Johnson Service Co " " " Raytheon	NObsr 39185 NObsr 52274 NObsr 59632	1951		SHIPS-R-244 SHIPS-R-244
FR-9/U	Polytechnic Res & Dev	W-28099-ac-142			
FR-36/U	General Radio Co	NObsr 52609			* MIL-F-16316A
FR-37()/U					* MIL-F-11081
FR-38/U	Hewlett-Packard " " " "	NOas 52-1095 NOas 54-901 N383s-1966A			MIL-F-7847
FR-38D/U	Northeastern Eng Inc " " "	N383(11-383)34530A N383(11-17-24-25-383) 46506A	1957 1957		MIL-F-7847A



NOMENCLATURE	SUPPLIER	CONTRACT NUMBER	YEAR	UNITS	SPECIFICATIONS
FR-40/GSM-1	Dubrow Development Co Weston Electric Inst Esney Mfg Co	24630-PH-49-7			MIL-R-11650 MIL-F-11650
FR-40A/GSM-1	Dubrow Development Co Dero Res & Dev Corp		1961		MIL-R-11650
FR-41(XW)/U	Polarad Electronics	AF28(099)53	1949		
FR-43/URM-18	General Radio Co	6898-PH-51-04	1951		
FR-43A/URM-18	General Radio Co	15809-PP-62-A3-A3			
FR-44/URM-18	General Radio Co	6898-PH-51-01	1951		
FR-45/URM-18	General Radio Co	6898-PH-51-04	1951		
FR-45A/URM-18	General Radio Co	15809-PP-62-A3-A3			
FR-46/URM-18	General Radio Co	6898-PH-51-04	1951		
FR-46A/URM-18	General Radio Co	DA-36-039-AMC-01825	1963		
FR-61/U	Lavoie Labs " "	DA-36-039-sc-5526 10077-PH-51-91	1951		
FR-65/TSM-9	Hewlett-Packard	3312-PH-52-04	1952		
FR-67/U	Berkeley Scientific " "	33737-PH-53 3518-PH-52	1953 1952		
FR-72/UP	Kearfott Co Inc Century Electronics Hughes Aircraft Co	AF33(038)17618	1952		
FR-73/UP	Johnson Service Co	NObsr 57108			
FR-81/U	Measurements Corp	DA-30-069-ORD-125			
FR-83/U					MIL-C-13274-A
FR-91()/U	Frequency Stds Inc				
FR-114A/U	Sentinel Elec Inc	15755-PP-62-A3-A3	1963		
FR-125/G	Sperry Gyroscope Co				
FR-126/U	Hewlett-Packard				
FR-146/U	FXR Inc				
I-48-A	James Biddle Co		1949		

NOMENCLATURE	SUPPLIER	CONTRACT NUMBER	YEAR	UNITS	SPECIFICATIONS
I-48-B	James Biddle Co	21420-PH-50			
	" " "	12822-PH-51			
	" " "	2958-PH-52			
	Interstate Mfg Co	29191-Phila-43-52			
	" " "	31080-Phila-43			
	" " "	34909-Phila-43			
	" " "	8724-Phila-44			
	" " "	28629-Phila-44			
I-49	Leeds & Northrup Winslow Co		1949		MIL-B-3067
I-49-B	Winslow Co				MIL-B-3067
I-50-()	Weston Electrical Inst				MIL-M-11542A
I-50	Weston Electrical Inst		1949		
	Weston Electrical Inst		1956		MIL-M-11542A
I-51	Western Electric Co	13151-PHILA-43			
I-61-A	Daven Co				
I-61-B	Daven Co				
I-71-()	Weston Electrical Inst				
I-72()					* MIL-S-11002
I-72	Clough-Brengle Co				
I-72-C	Espey Mfg Co				
I-72-H	Espey Mfg Co				
I-72-J	Espey Mfg Co				
I-72-K	Espey Mfg Co				
I-72-L	Espey Mfg Co	13504-PH-48			
I-77	Triumph Mfg Co				
I-97-A	Automotive Signal	4656-PH-43			
I-100-A	Airadio Corp				
	Bendix Radio	10986-43	1944		
	Bendix Aviation	159-44	1944		
	" "	W33-042-sc-138			

NOMENCLATURE	SUPPLIER	CONTRACT NUMBER	YEAR	UNITS	SPECIFICATIONS
I-100-B	Bendix Radio				
I-104-A	Colonial Radio Corp		1943		
	Western Electric Co		1943		
I-108	Western Electric Co				
I-120	Western Electric Co	11022-PH-43	1943		
	" " "	35983-PH-43			
	" " "	26690-PH-43			
I-122	Espey Mfg Co	515-SCRL-42	1943		
I-122-B	Westinghouse Electric				
I-126-A	Espey Mfg Co				
I-126-B	Measurements Corp	81-SCRL-42	1945		
	General Electric				
I-128	Western Electric Co	36934-PH-43	1944		
I-129-()	James Millen Mfg Co				* MIL-F-13112
I-129-B	James Millen Mfg Co	30949-PHILA-43			
	" " " "	14988-PHILA-43			
I-134-A	Radio Corp of Amer		1942		
I-135	Galvin Mfg Corp	2537-CHI-42			
	" " "	2538-CHI-42			
I-138-A	Western Electric Co				
I-139-A	Argus Inc	205-45-SE	1944		MIL-M-7911
	Hudson American Corp	359-45-SE	1944		MIL-M-7911
	Rauland-Borg Corp	12014-43	1943		MIL-M-7911
I-141-B	Hewlett-Packard		1945		
I-142-()	Western Electric Co	13835-P-43	1944		
I-142	Western Electric Co	13835-P-43	1944		
I-142-A	Western Electric Co	11390-PHILA-47			
I-142-B	Western Electric Co	11390-PHILA-47			
	Shallcross Mfg Co	24505-PH-49	1950		MIL-T-11003
I-148-A	Espey Mfg Co	1031-SCRL-42	1942		
I-151-()	Hickok Electrical Inst		1942		

NOMENCLATURE	SUPPLIER	CONTRACT NUMBER	YEAR	UNITS	SPECIFICATIONS
I-151	Espey Mfg Co	14536-PH-48			
	" " "	1872-MPD-44			
	" " "	488-SCRL-42			Sig C 91-3292
	" " "	244-SCRL-42			
	Western Electric Co	W-2279-sc-38			
	Hickok Electrical Inst				
I-154-A	Western Electric Co	1870-PH-42	1942		
I-155-A	Western Electric Co		1943		
	Colonial Radio Corp		1943		
I-157-()	Precision Apparatus		1942		
	Western Electric Co	21-SCRL-42	1942		
I-157	Western Electric Co	21-SCRL-42			
	Precision Apparatus				
I-157-A	Precision Apparatus				
I-166	Triplett Electrical	43399-PHILA-45			
	" "	4444-PHILA-44			
	" "	33720-PHILA-43			
I-167	Weston Electrical Inst		1944		
I-167-A	Weston Electrical Inst				
I-173-A	P R Mallory Co	11912-DAY-43	1943		
I-176	Weston Electrical Inst				
I-176-B	Supreme Inc	9030-PH-49-2			
I-177-A	Supreme Inc	20566-PHILA-49			
	Munston Mfg Co	8539-PHILA-48			
I-177-B	Supreme Inc	20566-PHILA-49			
	Daven Co	20566-PH-49			
I-178-A	Espey Mfg Co				
	Stanwyck Winding Co				
I-181	Western Electric Co	20296-PH-44	1948		* MIL-T-3101B
I-181-A	Western Electric Co	11787-PH-48	1948		
I-181-B	Western Electric Co	11787-PHILA-48			
	" " "	20586-PHILA-49-7			
	Munston Mfg Co	9029-PH-49	1949		
	" " "	14525-PH-49			
I-183-A	Western Electric Co	1870-PH-42			



NOMENCLATURE	SUPPLIER	CONTRACT NUMBER	YEAR	UNITS	SPECIFICATIONS
I-185-A	Western Electric Co	1870-PH-42			
I-187-A	Western Electric Co	1870-PH-42			
I-189-A	Western Electric Co				
I-193-()	Western Electric Co				* MIL-T-3097
I-193-A	Western Electric Co	22893-PH-43			
I-193-B	Western Electric Co	14695-PH-48			
I-193-C	Utility Elec Corp	18684-Phila-49			
I-196-A	Philco Corp	811-WF-42			
	" "	3348-WF-43			
	" "	7916-WF-43			
I-196-B	Philco Corp	40-DAY-45	1944		
	" "	3348-WF-43			
	" "	7916-WF-43			
	" "	811-WF-42			
I-199					MIL-T-12236
I-201	Doolittle Radio	11792-WF-43			
I-201-A	Frampton Electric	W33-038-ac-18769			
I-201-B	Albert Mfg Co	AF33(604)9557	1954		MIL-T-4626
I-206-A	Radio Corp of Amer	3749-ARL-42			
I-206-B	Radio Corp of Amer	3749-ARL-42			
	R L Drake Co	1098-DAY-44	1944		
I-206-C	Eng Specialties Co				
I-208	Detrola Corp	W36-039-sc-350			
	" "	W2124-sc-10516			
	" "	W2124-sc-16081			
I-208-C	New London Inst Co				
I-209-B	Columbus Electronics	25387-Phila-49-2			
	Bird Engineering Co	1317-DAY-44			
I-210-()	Espey Mfg Co	43305-P-45-01			
I-210	Espey Mfg Co	43305-P-45-01			
I-222-A	Espey Mfg Co	1872-MPD-44			
	Belmont Radio Corp				

NOMENCLATURE	SUPPLIER	CONTRACT NUMBER	YEAR	UNITS	SPECIFICATIONS
I-222-B	Espey Mfg Co	1872-MPD-44			
I-223-A	Belmont Radio Corp				
I-225	Philco Corp				
I-231	Radio Corp of Amer	221-45	1944		
	" " " "	1416-DAY-44	1944		
	" " " "	221-DAY-45-SD			
I-240	Whiting & Davis Co	936-MPD-45	1944		MIL-C-11170
I-245	Dumont Labs				
ID-984/ASQ-66	Gen Precision Labs Burroughs-Paoli	AF33(600)40540	1961		
ID-993/ASQ-67	Burroughs-Paoli	AF33(600)40540	1961		
ID-1001/ASQ-68	Burroughs-Paoli	AF33(600)40540	1961		
ID-1002/ASQ-68	Airborne Inst Lab	AF33(600)40540	1961		
ID-1004/ASQ-73	Gen Precision Labs Burroughs-Paoli	AF33(600)40540	1961		MIL-E-5400
ID-1005/ASQ-73	Burroughs-Paoli	AF33(600)40540	1961		
IE-7-()	Westinghouse Electric	W535-SG-131	1959		
IE-12-A	Bendix Aviation	12086-WF-43	1943		
	" "	12101-WF-43	1943		
	" "	151-WF-42	1942		
	" "	657-PH-42	1942		
	" "	4567-PH-42	1942		
	" "	8991-WF-43	1943		
	Colonial Radio Corp	5220-WF-43			
IE-17	Triumph Mfg Co	7641-Phila-44			
IE-17-A	Galvin Mfg Corp	2537-CHI-42	1942		
	" " "	2538-CHI-42	1942		
IE-17-D	Triumph Mfg Co Galvin Mfg Corp	1345-WF-43	1943		
IE-17-E	Triumph Mfg Co	9015-WF-43			
	" " "	29056-Phila-43			
IE-17-F	Shallcross Mfg Co	13545-PH-48-77			

NOMENCLATURE	SUPPLIER	CONTRACT NUMBER	YEAR	UNITS	SPECIFICATIONS
IE-19-A	Rauland Corp	12014-WF-43			
	Bendix Corp	1346-WF-43			
	Colonial Radio Corp	5220-WF-43			
IE-35-A	Western Electric Co	7461-WF-43			
IE-36-()	Bendix Aviation				
IE-36	Argus Inc	408-DAY-44	1944		
	" "	917-DAY-44	1944		
	" "	1029-DAY-44	1944		
	International Indust Rauland Corp	409-DAY-44	1943		
IE-37	Munston Mfg Co	9079-PHILA-46			
	" " "	21685-PHILA-49			
IE-45-A	Philco Corp	2054-DAY-45RA	1945		
IE-45-B	Philco Corp	2054-DAY-45RA	1945		
IE-46-A	Philco Corp	3348-WF-43	1942		
	" "	811-WF-42	1942		
IE-46-B	Philco Corp	811-WF-42	1942		
	" "	3348-WF-43			
	" "	7916-WF-43			
IE-56-A	Philco Corp	5759-WF-43	1943		
IE-56-B	Philco Corp	2261-DAY-45AR			
IE-57-A	Western Electric Co	1122-PH-42	1943		
	" " "	1123-PH-42			
	" " "	1349-WF-42			
	" " "	239-WF-42			
IE-57-B	Western Electric Co	8662-WF-43	1943		
	" " "	11766-WF-43			
IM-9/PD	Landsverk Electrometer	89663	1961	2763	MIL-R-10059D
	Kelley-Koett Mfg Co	NObsr 42319			
	Industrial Elec Hdw Corp	NObsr 87580			MIL-R-19894
IM-9A/PD	Kelley-Koett Mfg Co	NObsr 42446	1948		
IM-9B/PD	Kelley-Koett Mfg Co	NObsr 49212	1950		
IM-9C/PD	Victoreen Inst Co	NObsr 52300	1951		MIL-R-15568A
IM-9D/PD	A O Beckman Inc	NObsr 57113	1952		MIL-R-15568A
IM-20/PD	Kelley-Koett Mfg Co		1958		

NOMENCLATURE	SUPPLIER	CONTRACT NUMBER	YEAR	UNITS	SPECIFICATIONS
IM-23/U	Nichols Products Co Polytechnic Res & Dev	AF33(038)19077 W33-038-ac-16195	1951 1948		
IM-23A/U	Polytechnic Res & Dev Nichols Products Co " " "	AF33(038)19077 AF33(038)23760	1952 1952		
IM-28/U	Gorham Co Nichols Products Co " " " " " " Press Wireless	PO(28-099)48-1692 AF33(038)14405 AF33(038)20828 AF33(038)25089 AF33(038)16362	1953 1951 1950		MIL-R-4634
IM-28A/U	Press Wireless		1953		
IM-61/PD	Victoreen Inst Co	6809-PH-51-04	1955		MIL-R-10531 (Sig C)
IM-71/PD	Kelley-Koett Mfg Co		1951		
IM-81/UP	Trad Television Corp " " "	NObsr 52707 NObsr 63322	1952 1951		
IM-81A/UP	Crescent Commun Corp Trad Electronics Corp	NObsr 64266	1954		MIL-I-17906
IM-89/UR	Bird Electronics	NObsr 57238	1952		MIL-R-16333
IM-92/U	General Microwave " " Nassau R & D Assoc Hewlett-Packard	DA-36-039-AMC DA-36-039-sc-82444 10981-PH-54-53(31)	1963 1962 1955 1954		* MIL-W-14420A
IM-93/UD	Bendix-Cincinnati Landsverk Electrometer " " Bendix Aviation " "	03003(E) 89973 21505-PH-56-56(51)	1963 1961 1955	24525	* MIL-R-13029A(4) MIL-R-13029A MIL-R-13029A MIL-R-13029 MIL-R-13029 MIL-R-13029(SHIPS)
IM-93A/UD	Bendix Aviation	4371-PP-60-A3-51	1960		
IM-97/USM-37	Hewlett-Packard		1953		
IM-108/PD	Eltronics Inc		1955		
IM-108A/PD	Jordan Electronics	3479-PP-A3-A3	1959		
IM-117/URM-91	Telectro Ind Inc	25797-PH-54	1955		MIL-M-13091
IM-135/PD	Bendix Aviation	NObsr 75062			MIL-R-19935
IM-147/PD	Bendix Aviation	39159-PP-58-A3	1958		



NOMENCLATURE	SUPPLIER	CONTRACT NUMBER	YEAR	UNITS	SPECIFICATIONS
IM-154/PDR-54	Eberline Instrument	NObsr 75630	1959		
IM-156/U	Technical Assoc	DA-36-039-sc-89667	1962		
IM-174/PD	Landers, Frary & Clark	4918-PP-61	1962		
IP-512/APS-95	Hazeltine Electronics		1959		MIL-R-26399
IP-512A/APS-95	Hazeltine Electronics	AF09(603)42314	1963		MIL-R-26399
IS-70	Westinghouse Electric Weston Electrical Inst				
IS-76	Westinghouse Electric	11744-43	1943		
IS-139	Weston Electrical Inst	14741-PHILA-43			
IS-184	Weston Electrical Inst		1942		
IS-185	Weston Electrical Inst	273-45	1945		
	" " "	981-45RA	1945		
	" " "	2015-45RA	1945		
	" " "	2114-45RA	1945		
	" " "	2133-45RA	1945		
IS-189	Electronic Designs Galvin Mfg Corp Simpson Electric " "	12077-43 627-44 977-45	1943 1945 1945		
LAD	General Electric " " " " Boonton Radio Corp " " " " " "	NXss 26188 NXss 29460 NXss 29462 NXss 26188 NXss 29460 NXss 29462	1943 1943 1943 1943 1943 1943		
LAE	Airadio Corp	NXsr 37598	1943		
LAE-1	Airadio Corp	NXsa 43378			
LAE-2	Airadio Corp " "	NXsr 56786 NXsr 95147	1944 1945		
LAE-3	Airadio Corp	NXsr 5946	1945		
LAE-4	Airadio Corp	NObsr 39270	1947		
LAF	Frank Rieber Inc	NXsr 39273	1943		
LAF-1	Airadio Corp	NXsr 41050	1943		
LAF-2	Airadio Corp	NXsr 43378	1943		

NOMENCLATURE	SUPPLIER	CONTRACT NUMBER	YEAR	UNITS	SPECIFICATIONS
LAF-3	Frank Reiber Inc	NObsr 30073			
	" " "	NXsr 53363	1944		
	" " "	NXsr 65319	1944		
	" " "	NXsr 86333	1944		
LAG	Gen Communications	NXsr 55642	1944		
LAG-1	Gen Communications	NXsr 55642	1944		
LAJ	Hewlett-Packard	NXsr 62347	1944		
LAJ-1	Hewlett-Packard	NObsr 30125	1946		
	" "	NObsr 39247	1947		
LAJ-2	Triumph Mfg Co	NObsr 42432	1948		
LAK	Hickok Electrical Inst	NXsr 51534			
	" " "	NXsr 93141			
	" " "	NXsr 55669			
LM-11	Bendix Aviation	NXsr 40987	1943		
LM-15	Hoffman Radio Corp	NXsr 51519	1944		
LM-17	Bendix Radio	NXsr 40987	1943		
LM-18	Loral Electronics	M393-42547A			
	" "	N383-42547A			
LM-22	Hoffman Radio Corp	NXsr 51519	1944		
LO	Clough-Brengle Co	NOs 62888	1938		
LO-1	Clough-Brengle Co	NOs 86615	1941		
LO-2	Clough-Brengle Co	NOs 3868-A	1942		
LO-3	Clough-Brengle Co	NXss 33176	1943		
LP-1	Federal Mfg & Eng	NObsr 42500	1948		
LP-2	Federal Mfg & Eng	NObsr 42500	1948		
LP-3	Federal Mfg & Eng	NObsr 42500	1948		
LP-4	Federal Mfg & Eng	NObsr 42500	1948		
LP-5	Federal Mfg & Eng	NObsr 42500	1948		
	" " " "	NObsr 39320	1947		
	" " " "	NXsr 62309	1944		
	" " " "	NXsr 40979			
LR	General Radio Co	NOs 67373	1939		

NOMENCLATURE	SUPPLIER	CONTRACT NUMBER	YEAR	UNITS	SPECIFICATIONS
LR-1	General Radio Co	NOs 83891	1941		
LR-2	General Radio Co	NXss 21092	1943		
LR-3	General Radio Co	NXsr 40999	1943		
	" " "	NObsr 39231			
LX	General Radio Co	NXs 2438	1942		
LX-1	Federal Mfg & Eng	NXsr 51515	1945		
	" " " "	NObsr 42502			
LX-2	Washington Institute	NObsr 39308	1947		
ME-1/U	General Electric		1952		
ME-2/U	General Radio Co	NObsr 40865	1948		
	" " "	NObsr 42335			
ME-3/U	Weston Electrical		1946		
ME-6/U	A F Smuckler	NObsr 49174	1950		
	Ballantine Labs	NObsr 39230			
	" "	11436-PH-44			
	" "	26661-PH-44			
	" "	NObsr 39221			
	Daven Co	NObsr 59640			MIL-E-15489
ME-6A/U	Inst Elec Corp	NObsr 43357	1949		
	Daven Co	NObsr 59640			MIL-E-15489
ME-6B/U	A F Smuckler	NObsr 49174	1951		
	Daven Co	NObsr 59640			MIL-E-15489
ME-6C/U	Specialty Eng & Elec	NObsr 57577	1952		MIL-E-17001
	Daven Co	NObsr 59640			MIL-E-15489
ME-6D/U	Daven Co	NObsr 75895	1959	2012	
	" "	NObsr 59640	1954		MIL-E-17001
	" "	NObsr 64794			
	" "	NObsr 71565			
	" "	NObsr 71723			
	Crescent Commun Corp	NObsr 81449	1959	500	MIL-V-17001A(Ships)
	Airtronics Int Corp			488	
	Gilliland Inst	NObsr 71195			
	B M Harrison	NObsr 71321			
	Howal Ronset Inst				
ME-6E/U	Ballantine Labs	4514-PP-60	1960		
	Daven Co	NObsr 59640			MIL-E-15489
ME-8/G	Weston Electrical		1947		

NOMENCLATURE	SUPPLIER	CONTRACT NUMBER	YEAR	UNITS	SPECIFICATIONS
ME-9/U	Weston Electrical Inst				
ME-9A/U	Utility Elec Corp	AF33(038)7378	1950		
ME-9B/U	Phaostron	AF33(038)9774	1950		
ME-9C/U	Phaostron	AF33(038)30488			
ME-9D/U	Technicraft Corp	AF33(038)14134			
ME-9E/U	Weston Electrical Inst	AF33(600)17777			
ME-9F/U	Lanagon & Hoke	AF33(038)21107	1952		
ME-9G/U	Phaostron	AF33(604)8726	1955		
ME-9H/U	Bridge Electronics	15508-PP-63	1962		MIL-M-4269
ME-11/U	Bird Electronics	NObsr 39113	1947		
	" "	NObsr 42504	1947		
ME-11/U	Electro-Impulse Labs	NObsr 57180	1953		MIL-R-15331B
ME-11B/U	Elec of Clearfield	NObsr 71355	1957		MIL-R-15331B
ME-11C/U	Electro-Impulse Labs	NObsr 71807	1958		MIL-W-15331D
ME-14/U	Polytechnic Institute	W33-038-ac-13848	1949		
ME-15/U	Polytechnic Institute	W33-038-ac-13848	1949		
ME-25/U	Hickok Electrical Inst	NObsr 39222	1947		
	Simpson Electric Co	NObsr 49264			
ME-25A/U	Hickok Electrical Inst	NObsr 43313	1949		
	Simpson Electric	NObsr 49264			
ME-25B/U	Simpson Electric	NObsr 49264	1950		
ME-26/U	Hewlett-Packard	NObsr 40943	1954		
	Jetronics Industries	39157-PP-58-A3-A3	1959		
	Sentinel Elec Inc			667	
ME-26A/U	Hewlett-Packard	NObsr 63463	1954		
	" "	NObsr 64746			
ME-26C/U	Sentinel Elec Inc	15859-PP-62	1963		
ME-29/U	T L G Electric Corp	AF33(038)27398	1954		
	" " "	AF33(600)20397			
	General Electric	AF33(038)15086			
	" "	AF33(038)9739			
	" "	W33-038-ac-16195			



NOMENCLATURE	SUPPLIER	CONTRACT NUMBER	YEAR	UNITS	SPECIFICATIONS
ME-30/U	Precision Inc	89544	1961	558	MIL-V-55104
	Hewlett-Packard	NObsr 44604	1952		
	" "	NObsr 57065			
	Orion Electronics Corp Dubrow Development			225	
ME-30A/U	Hewlett-Packard	NObsr 64076	1954		
ME-30D/U	Bayly Eng Ltd		1961		
ME-30E/U	Precision Inc	15548-PP-62-A3-51	1962		MIL-V-55104
ME-32/U	Arcturus Mfg Corp	NObsr 44520			
ME-48/U	Simpson Electric				MIL-15134
	Weston Electrical Inst	NObsr 49273	1951		MIL-M-15134
ME-48A/U	Simpson Electric		1958		MIL-M-15134(SHIPS)
ME-48B/U	Simpson Electric Industrial T V Inc	NObsr 75134	1958		MIL-B-18
ME-48C/U	Jetronic Industries	NObsr 81306	1961		MIL-M-17096A(Modified)
	" "	NObsr 75941	1961		MIL-M-17096A(Modified)
ME-51/UP	Western Electric Co	W30-069-4480	1953		
ME-56/TSM	Electronic Assoc	3049-PH-52-04(NY)	1952		
ME-61/GRC-9	Elion Instruments	88243	1961	3044	
	United Telecontrol	88264	1961	3043	
ME-65/U	Westinghouse-Newark		1953	980	
	Hickok Electrical Inst	4508-PP-60-A3-51	1960		
ME-65A/U	Weston Electrical Inst	34507-PC-63-A3-A3	1963		
ME-67/U	Weston Electrical Inst		1949		
ME-69/U	Bird Electronic Corp		1952		
ME-70/PSM-6	Bruno NY Ind Inc	AF33(038)30053	1952		
ME-71/FCC	Western Electric Co	15114-PH-52-36(61)	1953	54	
	Sierra Electronics	110	1953		
ME-71A/FCC	Sierra Electronics	21346-Phila-56	1956		
ME-74/U	Electronic Inst Co	NObsr 52295	1953		MIL-E-15489
ME-75/ARC-21	Radio Corp of Amer	W33-038-ac-19857	1952		
	" " " "	AF33(038)18325			
	Airtronics Int Corp				MIL-M-8182

NOMENCLATURE	SUPPLIER	CONTRACT NUMBER	YEAR	UNITS	SPECIFICATIONS
ME-77()/U					* MIL-M-12135B(1)
ME-82/U	Model Eng & Mfg Inc M C Jones Elec Co	4147-PP-60-A1-51 16811-PH-51-93	1961 1953		MIL-R-10616
ME-86/U	Weston Electrical Inst	21730-PHILA-56	1956		
ME-87/U	Weston Electrical Inst	2959-PH-52-04(NY)	1956		MIL-M-11542
ME-87A/U	Triumph Mfg Co	3064-PHILA-52	1953		MIL-M-11542
ME-111/U	Sperry Gyroscope Co	NObsr 65955	1956		
ME-112/U	General Electric				
ME-127/U	Browning Lab Inc " " "	N600(24)58306 NObsr 71681	1962		
ME-147/U	Sensitive Res Inst	4354-PP-60-A3-A3	1959		
ME-153/U	General Radio Co	NObsr 75085	1958		
ME-155/U	General Electric-W.Lynn	4583-PP-61-A3-A3	1961		
ME-162/U	Daystrom Inst Weston Electrical Inst	15705-PP-A3-A3 15705-PP-62-A3-A3	1962		
ME-176/APN-129	Ryan Aeronautical	19030-PM-59			
ME-207/U	Hewlett-Packard	NObsr 75865	1961		
ME-213/U	General Radio Co		1961		
ME-221/U	Weston Electrical Inst	15780-PP-62-A3-A3	1962		
ME-222/U	Weston Electrical Inst	15780-PP-62-A3-A3	1962		
ME-223/U	North Atlantic Ind	15742-PP-62-A3-A3			
ME-227/U	Millivac Instruments Chou Electronics	1563-PP-63-A3-A3	1963 1963		
MX-479/ARN-6	Modulation Products " " National Electrical	AF33(038)13838 AF33(038)25762 AF33(038)25762	1951		MIL-A-5731 MIL-A-5731 MIL-A-5731
MX-554A/U	Industrial Products	43002-PC-59-A2-55	1959		
MX-580/AP	DuPont Melstrom Mfg Corp	N288S-35942 N383(s)91697			

NOMENCLATURE	SUPPLIER	CONTRACT NUMBER	YEAR	UNITS	SPECIFICATIONS
MX-915/U	Industrial Devices, Inc	AF33(600)18849	1952		
	" " "	AF33(038)27698	1951		
	" " "	AF33(038)23366	1953		
MX-986/FRC	Radio Corp of Amer	11797-PH-48-77	1949		
MX-1019/U	Central Research Labs	AF33(038)26222	1951		MIL-R-4105A
	Kings Electronics	AF33(038)14173	1950		MIL-R-4105
	Wac Engineering Co	AF33(604)6320			
	Polytechnic Res & Dev	W28-090-ac-190	1949		MIL-R-4105
MX-1020/U	Central Research Labs				* MIL-R-4168A
	General Electric	W38-099-ac-287	1952		
MX-1020A/U			1955		MIL-R-4168(USAF)
MX-1258/U	Vector Elec	NObsr 57246	1956		
	" "	NObsr 71202			MIL-T-16144
	" "	NObsr 63213			
MX-1373/UN	American Measuring Inst	NObsr 59739			MIL-R-17054
MX-1604/USM-32	DuMont Labs	NObsr 52688	1953		
	Federal TV Corp	NObsr 71829			
	Dynamics Electronics	NObsr 75153			
MX-1636A/U	Hewlett-Packard	N383-33407A			MIL-F-7847A
MX-1637/U	Hewlett-Packard	NOas 1095			MIL-F-7847
MX-1664/DSM	Western Electric Co	DA-30-069-ORD-125	1954		
MX-1695/DSM	Western Electric Co	DA-30-069-ORD-125	1954		
MX-1701A/DSM	Bell Telephone Labs	DA-30-069-ORD-1295	1959		
MX-1837/FRN-20	Wilcox Electric Co	24782-PA-54-55(51)			
MX-2005/U					MIL-M-14357
MX-2012/U	Radio Corp of Amer	NObsr 71157	1956		
MX-2108/G	Boonton Radio Corp	3335-PP-59	1959		
MX-2244/GRM-10	Collins Radio	AF30(635)4504	1957		
MX-2330/G	Tektronix Inc				
	Hickok Electrical Inst	39189-PP-58			
MX-2517/U	Hewlett-Packard	4346-PP-61-A3-A3	1960		
MX-2917/ASW-12(V)	Sperry Phoenix Co	3398-PP-59-A3-A3	1959		
	Sperry Rand Corp	3398-PP-A3-A3			

NOMENCLATURE	SUPPLIER	CONTRACT NUMBER	YEAR	UNITS	SPECIFICATIONS
MX-2918/ASW-12(V)	Sperry Phoenix Co Sperry Rand Corp	3398-PP-59-A3-A3 3398-PP-59-A3-A3	1959		
MX-2919/ASW-12(V)	Sperry Phoenix Co Sperry Rand Corp	3398-PP-59-A3-A3 3398-PP-59-A3-A3	1959		
MX-2930A/USM-105	Hewlett-Packard	NObsr 75278	1960		MIL-O-22237
MX-2931/USM	Hewlett-Packard	NObsr 75278	1960		
MX-2962/USM-105	Hickok Electrical Inst " " " Hewlett-Packard	NObsr 87440 NObsr 75278 N600-60140	1962 1960	391 640	MIL-O-22237A MIL-O-22237A
MX-2996/USM-117	Electronic Tube Corp	NObsr 81021	1962		
MX-3057/USM-120	Tektronics Inc	N140(131)70086B	1961		
MX-3719/ASW-12	Sperry Rand Corp	41015-PZ-62-A3-41	1962		
MX-3720/ASW-12(V)	Sperry Phoenix Co	41015-PZ-62-A3-41	1962		
MX-3723/ASW-12(V)	Sperry Rand Corp	41015-PZ-62-A3-41	1962		
MX-4042/ASW-12(V)	Sperry Phoenix Co	41015-PZ-62-A3-41	1962		
MX-4043/ASW-12(V)	Sperry Phoenix Co	41015-PZ-62-A3-41	1962		
MX-4080/TAQ-1	HRB-Singer Inc	4653-PP-60-A4-A4	1963		
MX-4419/PSM-6			1962		MIL-A-27567
OA-667/ARW	Bell Aircraft Co	NOas 53-785			
OA-758/MSE-2	Army Ord " " " "	DA-30-069-ORD-125 DA-30-069-ORD-1039 DA-30-069-ORD-1225			
OA-767A/DSM	Army Ord	DA-30-069-ORD-125			
OA-1346/TPM-9	Bell Telephone Labs	W-30-069-1295	1956		
OA-1347/TPM-9	Bell Telephone Labs	W-30-069-ORD-1295	1956		
OA-1348/TPM-9	Bell Telephone Labs	W-30-069-1295	1956		
OA-1579A/MPM-46	Army Ord	DA-30-069-ORD-1082			
OA-1580A/MPM-44	Bell Telephone Labs		1961		
OA-2241/T	Bell Telephone Labs				
OA-2271/P	Army Ord	DA-30-069-ORD-1448			



NOMENCLATURE	SUPPLIER	CONTRACT NUMBER	YEAR	UNITS	SPECIFICATIONS
OA-2287/DSM	Army Ord	DA-30-069-ORD-1295			
OA-2288/DSM	Army Ord	DA-30-069-ORD-1448			
OA-2431/D	Army Ord	DA-30-069-ORD-1448			
OA-2749/FPS-26	Avco Corp	AF30(635)12186	1960		MIL-R-9691A
OA-2777/FPS-26	Avco Corp	AF30(635)12186	1960		MIL-R-9691A
OA-2790/FPS-26	Avco Corp	AF30(635)12186	1960		MIL-R-9691A
OA-3622/ASM-64	Burroughs-Paoli	AF33(600)40540	1961		
OA-3623/ASM-64	Burroughs-Paoli	AF33(600)40540	1961		
OA-3624/ASM-72	Burroughs-Paoli	AF33(600)40540	1961		
OA-3626/APM-171	Burroughs-Paoli	AF33(600)40540	1961		
OA-3627/APM-172	Burroughs-Paoli	AF33(600)40540	1961		
OA-3628/APM-173	Burroughs-Paoli	AF33(600)40540	1961		
OA-3629/APM-174	Burroughs-Paoli	AF33(600)40540	1961		
OA-3674/GSM-73	Electronic Commun Burroughs-Paoli	AF33(600)40540	1961		
OA-3675/GSM-73	Electronic Commun Burroughs-Paoli	AF33(600)40540	1961		
OA-3676/GSM-73	Electronic Commun Burroughs-Paoli	AF33(600)40540	1961		
OA-3677/ASM-75	Electronic Commun Burroughs-Paoli	AF33(600)40540	1961		
OA-3678/ASM-75	Electronic Commun	AF33(600)40540	1961		
OA-3679/ASM-75	Electronic Commun Burroughs-Paoli	AF33(600)40540	1961		
OA-3680/ARM-56	Electronic Commun Burroughs-Paoli	AF33(600)40540	1961		
OA-3681/ARM-56	Electronic Commun Burroughs-Paoli	AF33(600)40540	1961		
OA-3682/ARM-56	Electronic-Commun Burroughs-Paoli	AF33(600)40540	1961		
OA-3683/ARM-56	Electronic Commun Burroughs-Paoli	AF33(600)40540	1961		

NOMENCLATURE	SUPPLIER	CONTRACT NUMBER	YEAR	UNITS	SPECIFICATIONS
OA-3707/GJQ-9(V)	Douglas Aircraft Co	AF33(600)39587	1962		
OA-3712/GJQ-9(V)	Bendix Corp	AF33(600)41492	1962		MIL-P-26664A
OA-3981/FSQ-52	Radio Corp of Amer	AFO4(647)179	1963		
OA-4016/FSQ-52	Radio Corp of Amer	AFO4(647)179	1963		
OA-4017/FSQ-54	Radio Corp of Amer	AFO4(647)179	1963		
OA-4027/FSQ-52	Radio Corp of Amer	AFO4(647)179	1963		
OA-4029/FSQ-42	Radio Corp of Amer	AFO4(647)179	1963		
OA-4036/FSQ-42	Radio Corp of Amer	AFO4(647)179	1962		
OA-4079/FSQ-54	Radio Corp of Amer	AFO4(647)179	1963		
OA-4080/FSQ-42	Radio Corp of Amer	AFO4(647)179	1962		
OA-4091/FSQ-54	Radio Corp of Amer	AFO4(647)179	1963		
OA-6469/FSQ-51	Radio Corp of Amer	AFO4(647)179	1963		
OA-6471/FSQ-51	Radio Corp of Amer	AFO4(647)179	1963		
OA-6472/FSQ-51	Radio Corp of Amer	AFO4(647)179	1963		
OA-6473/FSQ-51	Radio Corp of Amer	AFO4(647)179	1963		
OA-6474/FSQ-53	Radio Corp of Amer	AFO4(647)179	1963		
OA-6475/FSQ-53	Radio Corp of Amer	AFO4(647)179	1963		
OAA	Radio Corp of Amer	NOS 96554	1942		
OAA-2	Gilfillan Bros	NXsr 10810			
	" "	NXsr 33633			
	" "	NXsr 41013			
	" "	NXsr 45459			
	" "	NXsr 60073			
OAK	Philco Corp	NXsa/s 32853			
OA0	Radio Corp of Amer	NXss 23218	1943		
OA0-1	Radio Corp of Amer Philco Corp	NXss 23218	1943		
OA0-2	Liebel-Florsheim Co	NXsr 53325	1944		
OAP	Hazeltine Electronics	NXss 22208	1943		

NOMENCLATURE	SUPPLIER	CONTRACT NUMBER	YEAR	UNITS	SPECIFICATIONS
OAP-1	Hazeltine Electronics	NXsr 46027	1944		
	" "	NXsr 38852	1943		
	" "	NOrd 4621	1943		
OAP-1A	Hazeltine Electronics	NXsr 46027	1944		
	" "	NXsr 38852	1943		
	" "	NOrd 4621	1943		
OAW	Gen Communications	NXsa 26587			
OAW-1	Gen Communications	NXsr 86365	1945		
OAX	Harvey Radio Labs	NXsr 33629	1943		
OAX-1	Presto Recording Corp	NXss 33630	1943		
	" " "	NXsr 56823	1944		
OBL	Triumph Mfg Co	NXsr 48370			
OBL-1	DuMont Labs	NXsr 33622	1943		
OBL-2	Reiner Elec Co	NXsr 41057	1943		
OBL-3	Triumph Mfg Co	NXsr 48370	1944		
OBL-3B	Engineering Res Assoc	NObsr 42001			
OBQ	Reiner Elec Co	NXsr 45465	1943		
OBQ-1	Hickok Electrical Inst	NXsr 51506			
OBQ-2	Telequip Radio	NXss 39213			
	Electronic Development	NXss 39213	1957		
OBQ-3	Hickok Electrical Inst	NObsr 30134	1946		
OBQ-4	Hickok Electrical Inst	Nobsr 30174	1947		
OBT	Reiner Elec Co	NObsr 42068	1948		
	DuMont Labs	NXsr 4555	1943		
OBT-1	Reiner Elec Co	NObsr 42068	1948		
	DuMont Labs	NXsr 4555	1943		
OBU	Maguire Industries	NXsr 51561	1944		
	Johnson Service Co	NXsr 65336	1944		
	" " "	NXsr 83396	1944		
OBU-1	Maguire Industries	NXsr 51561	1944		
OBU-2	Maguire Industries	NXsr 51561	1944		

NOMENCLATURE	SUPPLIER	CONTRACT NUMBER	YEAR	UNITS	SPECIFICATIONS
OBU-3	Johnson Service Co	NXsr 83396	1944		
	" " "	NXsr 65336	1944		
	" " "	NXsr 91972	1945		
OBU-4	Johnson Service Co	NXsr 83396	1944		
	" " "	NXsr 4555	1944		
	" " "	NXsr 65336	1944		
OCD	Gen Communications	NXsr 51554	1944		
OCL	Western Electric	NObsr 30107			
OCP-1	David Bogen Inc	NObsr 760	1945		MIL-T-15866
OCP-2	Chatham Electronics	NObsr 49111	1950		MIL-T-15866
OCP-3	David Bogen Inc	NObsr 52512	1951		MIL-T-15866
OCP-4	Chatham Electronics	NObsr 59436			MIL-T-15866
	" "	NObsr 63147	1952		
OCR	Hickok Electrical Inst	NObsr 30064			
OCR-1	Triumph Mfg Co	NObsr 831	1945		
OD-7	Weston Electrical Inst	NXsr 41025	1943		
OE-11	Weston Electrical Inst	NOa(s) 2226			
OE-12	Weston Electrical Inst	NXsr 41024	1943		
OJ-1	General Radio Co	NOs 86899	1941		
OQ	Weston Electrical Inst	NOs 87567	1941		
OQ-1	Weston Electrical Inst	NOs 87567	1942		
OQ-2	Weston Electrical Inst	NXss/a 13581	1942		
OQ-3	Weston Electrical Inst	NXsr 33795			
OS-1/U	DuMont Labs				
OS-4(XN-1)AP	Waterman Products Co				
OS-4/AP	Waterman Products Co	NOas 52-1026-i	1953		
	" " "	NOa(s) 9751	1951		
	" " "	NOas 52-1026			MIL-O-7738
OS-4A/AP	Industrial TV Inc	NOas 52-693-i	1953		MIL-O-7738
OS-4B/AP	Model Eng & Mfg Inc	N383s-33623A			MIL-O-7738



NOMENCLATURE	SUPPLIER	CONTRACT NUMBER	YEAR	UNITS	SPECIFICATIONS
OS-5/U	Sylvania Products	NObsr 43091	1948		MIL-O-15630
	" "	NObsr 39285	1947		MIL-O-15630
	" "	NObsr 52999	1954		
OS-7/U	Raytheon	NObsr 39329	1947		
OS-8/U	Hickok Electrical Inst	NObsr 42368	1949		
	" " "	NObsr 42167	1948		
	" " "	NObsr 32167			
	Jetronic Industries	NObsr 71777			MIL-15525D
OS-8A/U	Hycon Mfg Co	NObsr 49286	1950		
OS-8B/U	Hickok Electrical Inst " " "	NObsr 57541	1952		
		NObsr 52654	1951		
OS-8C/U	Jetronic Industries	NObsr 63378	1953		MIL-O-15525D
OS-8D/U	Measurement Eng Ltd		1959		
OS-8E/U	Carol Electronics	NObsr 75143	1959		
	Taffet Electronics	NObsr 87459	1962	1450	
OS-10A/U	Reiner Elec Co	NObsr 49204	1951		MIL-O-15287
OS-11/FGC-5	Teletype Corp	NObsr 39309			
	Waterman Products Co				
OS-16/URM-18	General Radio Co	6898-PH-51-04			
OS-16A/URM-18	General Radio Co	15809-PP-62-A3-A3	1962		
OS-25/TCC-13	Fed Tele & Radio Corp	1640-PH-51-06	1951		MIL-T-10615
OS-25A/G	Fed Tele & Radio Corp	21599-PHILA-55	1956		MIL-M-14182
OS-46/U	DuMont Labs				MIL-O-14407
OS-46A/U	Jetronic Industries	3377-PP-59-A3-A3	1959		
OS-48/U	Tektronix Inc	DA-04-495-ORD-355	1954		* MIL-O-14421
OS-54/URN-3	Elec of Clearfield	NObsr 75912	1959	91	
	" " "	NObsr 74229			
	DuMont Labs	NObsr 63223	1954		
OS-72/U	Tektronix Inc	43113-PH-56			
	" "	35051-PC-62-A3-41	1962		
OS-5001A/U	DuMont Labs		1953		
OS-5001B/U	Jetronic Industries	4449-PP-60-A3-A3	1960		

NOMENCLATURE	SUPPLIER	CONTRACT NUMBER	YEAR	UNITS	SPECIFICATIONS
OZ	Hickok Electrical Inst				
OZ-1	Hickok Electrical Inst	NXss 33175			
OZ-2	Hickok Electrical Inst	NXss 28717			
	" " "	NObsr 43350			
RD-3/FMQ-1	Friez	6869-SCGDL-43			
	"	11092-SCGDL-43	1946		
RD-13/GNQ-4	Presto Recording		1944		
RD-17/U	Boehme Inc		1945		
RD-18/TNS-2	General Electric	1246-EGSA-44	1945		
RD-19/TNS-2	General Electric	1246-EGSA-44	1945		
RD-23/TN	Dictaphone Corp		1950		
RD-24/TN	Dictaphone Corp		1945		
RD-31/U	General Electric	54272-P-45			
	" "	14916-P-45	1946		
	" "	22483-P-44			
RD-31A/U	General Electric	54272-P-45	1946		
	" "	14916-P-45			
	" "	22483-P-44			
RD-31B/U	Pierce	12715-PH-47-77	1948		
RD-31C/U	Telectro Ind Inc	18024-PH-50-7	1951		
RD-31D/U	Telectro Ind Inc		1953		
RD-36/U	David Bogen Inc				
RD-37/FN	Memovox				
RD-38/FN	Dictaphone Corp		1946		
RD-39/TN	Memovox		1946		
RD-40/TN	Memovox				
RD-41/U	Radio Inventions Inc	NXsr 73891	1952		
RD-42/U	Presto Recording		1946		
RD-49/U	Esterline Angus	NObsr 43277			
	" " "	NObsr 49133-(1734)			

NOMENCLATURE	SUPPLIER	CONTRACT NUMBER	YEAR	UNITS	SPECIFICATIONS
RD-49A/U	Esterline Angus	NObsr 71280	1956		
RD-60/U	McElroy Mfg Co	14700-PH-48	1948		
RD-74/U	Sound Inc Telectro Ind Inc Radio Corp of Amer	21378-PH-50-2 AF30(635)6773			MIL-R-10068
RD-74A/U	Telectro Ind Inc	21378-PH-50			MIL-R-10068
RD-87/U	Sound Inc	NObsr 47951	1950		
RD-87A	Sound Inc	28758-PHILA-55	1955		
RD-92A/UX	Times Facsimile Corp Philco Corp	AF36(600)2640			
RD-111/FRN	Sylvania Products	W28-099ac-465			
RD-115/UN	Soundscriber Inc Philco Corp Radio Corp of Amer	NObsr 54469 AF36(600)2640 AF36(600)3468			
RD-115B/UN	Standard Bus Mach	AF30(635)894	1954		
RD-115C/UN	Amer Measuring Inst	NObs 59739	1954		MIL-R-17054
RD-117/U	Stromberg-Carlson Co	28121-PH-51-02			
RD-117A/U	Stromberg-Carlson Co	28121-PH-51-02	1954		
RD-117B/U	Stromberg-Carlson Co	40558-Phila-57-55(31)	1957		
RD-126/TFH-3	Westrex Co	449-Phila-51	1953		
RD-133/UN	Webster Electric Co	NObsr 59781	1955		MIL-R-17734
RD-133A/UN	Ampex Corp	NObs 66870	1955		MIL-R-17734
RD-142/UN	Lear Siegler Olympic Radio & TV	AF30(635)4086 AF30(635)4086	1958		(E) MIL-E-5272
RD-142A/UN	Warwick Mfg Co	AF30(635)8787			MIL-R-26829
RD-173/UN	Webcor Inc Webster Electric Co	NObsr 86764 NObsr 73223	1961	3700	MIL-I-983
RD-173A/UN	Webster Electric Co	NObs 78483	1961		MIL-R-17734B
RD-173B/UN	Webcor Inc	NObs 86764	1962		MIL-R-22717
RD-180/ULH	L A McNabb				

NOMENCLATURE	SUPPLIER	CONTRACT NUMBER	YEAR	UNITS	SPECIFICATIONS
RD-185/U	Scientific Atlantic				
RD-217/UNH	Soundscriber Inc				
RD-242/G	Automatic Electric	DA-36-039-SC-81788	1961		
RO-14/APH	North Amer Aviation	AF33(600)22303	1954		
RO-65/FST	Lewyt Mfg Corp " " "	AF30(635)6791 AF30(635)11314	1957		
RO-72/FPS-16	RCA Morristown	NOas 56-10266	1957		
RO-104/AJG	Northrop Aircraft McDonnell Aircraft	AF33(600)30169 AF33(600)32754	1958 1958		
RO-126/UP	Vitro Labs	AF30(635)8980	1959		
RO-207/ASW-12(V)	Brush Instruments				
SB-517/MPM	Army Ord	DA-30-069-ORD-125			
SB-517A/MPM	Bell Telephone Labs	DA-30-069-ORD-1373			
SB-517B/MPM	Bell Telephone Labs " " "	DA-30-069-ORD-1373 DA-30-069-ORD-1082			
SB-518/MPM	Army Ord	DA-30-069-ORD-125			
SB-518A/MPM	Bell Telephone Labs	DA-30-069-ORD-1373			
SB-518B/MPM	Bell Telephone Labs " " "	DA-30-069-ORD-1373 DA-30-069-ORD-1082			
SG-1/ARN					* MIL-S-4296A
	Boonton Radio Corp	AF33(038)27871	1953		
	Bendix Aviation	W33-038-ac-21113	1948		MIL-H-5570
SG-1A/ARN	Boonton Radio Corp	AF33(038)27871	1955		MIL-S-4296A
	Telectro Ind Inc	AF33(038)14566			
	O E Szekely & Assoc				MIL-S-4296A
	Bendix Radio	W33-038-ac-21113			
	Collins Radio	AF33-038-14566			
SG-3/U	Measurements Corp	6895-PH-51-93	1953		MIL-S-11107
SG-8/U	Espey Mfg Co Electro-Impulse Labs	AF33(038)7377 AF28(099)34	1949		
SG-12/U	ARF Products	14210-PH-51-93	1954		MIL-G-10484A



NOMENCLATURE	SUPPLIER	CONTRACT NUMBER	YEAR	UNITS	SPECIFICATIONS
SG-13/ARN	Collins Radio Bendix Aviation	AF33(038)27683 W33-038-ac-21113	1950 1949		* MIL-S-4298
SG-15/PCM	Contelco Great Amer Ind Inc	24635-Phila-47-7 24635-PHILA-49-7	1949		
SG-15A/PCM	Teletronics Lab Inc	37681-PHILA-53	1954		MIL-T-12643
SG-17/U	Measurements Corp	WO 900-79696			
SG-18/U	Gen Communications	NObsr 39379	1947		MIL-G-15473
SG-19/U	Hewlett-Packard	NObsr 40889	1948		
SG-20/U	Measurements Corp	8500-PH-48-77	1948		
SG-21/U	Elion Instruments Seaboard Electric Amer Time Products	NObsr 81402 NObsr 42076	1960 1950	75	MIL-G-16170E
SG-21A/U	Seaboard Electric	NObsr 52689	1952		MIL-A-16170
SG-21B/U	Amer Time Products " " "	NObsr 57267 NObsr 63129	1952 1952		
SG-21C/U	Elion Instruments	NObsr 81402	1961		MIL-G-16170D
SG-23/U	Radio Frequency Labs	NObsr 49181 NObsr 42100	1950		MIL-T-15559A
SG-24/TRM-3	Transitron Inc ARF Products	NOas 54-803f NOa(s)10357	1955 1950		MIL-S-8663
SG-30/UP	Sylvania Products	NOas 52-856r	1953		MIL-G-7789(AER)
SG-30A/U	Schaevitz Engineering	N393-53079A	1959		
SG-31/U	Hazeltine Electronics " " " " " " " " " "	NObsr 49043 NObsr 49260 NObsr 52073 NObsr 52500 NObsr 42140 NObsr 24120	1950 1950 1950 1948 1948 1948		
SG-31A/U	Hazeltine Electronics	NObsr 49750	1959		
SG-34/GPM-15	Bruno NY Ind Inc	AF33(604)8892			MIL-G-4477
SG-42/URM-18	General Radio Co " " " " " "	31475-PH-51-04(NY) 18250-PH-50-2 NObsr 57083	1952		

NOMENCLATURE	SUPPLIER	CONTRACT NUMBER	YEAR	UNITS	SPECIFICATIONS
SG-44/URM-25	Federal Mfg & Eng	Nobsr 43410	1949		
SG-44A/URM-25	Federal Mfg & Eng	NObsr 49203	1950		MIL-R-15281
SG-44B/URM-25	Federal Mfg & Eng	NObsr 52099	1951		MIL-R-15281
SG-44C/URM-25	Federal Mfg & Eng		1952		MIL-R-15281
SG-59/U	Boonton Radio Corp	4730-PH-52-04(NY)	1959		
SG-66/ARM-5	Aircraft Radio Corp	NOas 51-1093	1951		
SG-66A/ARM-5	Aircraft Radio Corp	N383s-2442A	1954		
SG-69A/PPM-1	Hewlett-Packard	NObsr 81302	1960		
	" "	NObsr 75634	1959		
	" "	19315-PH-58	1958		
SG-69B/PPM-1	Hewlett-Packard	4516-PP-60-A3-41	1960		
SG-71/FCC	Maxson Inst	DA-04-49-AMC-165	1963	85	
	Hewlett-Packard	33739-P-53-34	1960	50	
	" "	90221	1961	75	
	" "	4715-PA-52-04(IA)			
SG-71A/FCC	Hewlett-Packard	21343-PHILA-56	1956		
SG-71B/FCC	Hewlett-Packard	4431-PP-60-A3-41	1960		
SG-71C/FCC	Electronic Designs	41028-PZ-63-41-51	1963		
SG-82/U	Teletronics Labs	4666-PH-52-04(61)	1953		MIL-C-12635
SG-85/URM-25D	Trad Television Corp		1952		MIL-R-15281
SG-92/U	Kay Electric Co	39138-PH-53-34(61)	1953		
	R L C Electronics	03017(E)		100	
SG-96/FRC	GE Syracuse	32140-PH-51-06(61)	1953		
SG-103/URM-25F	New London Inst Co	NObsr 59613	1955		MIL-G-15281A
SG-106/U	Tektronix Inc	DA-040-495-ORD-355	1955		
SG-108/U	Elk Electronics		1954		
SG-121A/URN-3	Elec of Clearfield	NObsr 75704	1959	83	
	" " "	NObsr 75247	1958	56	
	Polarad Electronics	NObsr 71873	1957	300	MIL-T-18428
SG-121B/URN-3	Elec of Clearfield	NObsr 75247	1960		
SG-136/U	Gibbs Corp				

NOMENCLATURE	SUPPLIER	CONTRACT NUMBER	YEAR	UNITS	SPECIFICATIONS
SG-155/U	Polarad Electronics	DA-36-039-SC-74881	1959		
SG-184/GKA	GE Syracuse		1956		* MIL-G-27063
SG-242/U	Polarad Electronics	DA-36-039-SC-74881	1959		
SG-297/URM-103	Adler Electronics		1962		
SG-298/U	Parabam Inc Hewlett-Packard	4319-PP-61-A3	1961		
SG-299/U	Elion Instruments Hickok Electrical Inst	91401 50824-PH-57	1963 1958	386	
SG-299A/U	Benrus Watch Co	39108-PP-58	1958		
SG-299B/U	Hickok Electrical Inst	3461-PP-59-A3-51	1959		
SG-321/U	Tensor Electric Dev	N383(17)54079A	1958		
SG-336/U	Kay Elec Co	4558-PP-61-A3-A3	1961		
SG-337/U	Kay Elec Co	4450-PP-61-A3-A3	1961		
SG-352/U	Tektronix Inc	41007-PZ-63-41-41	1962		
SG-354/U	Thompson-Ramo-Wool	NObsr 75787	1959		
SG-376/U	Panoramic Radio Prod	NObsr 75318	1960		
SG-388/AYQ-1	Burroughs-Detroit	AF33(600)40540	1960		
SG-419/U	General Microwave " "	DA-36-039-SC-88275 4998-PP-61-A3-A3	1962		
	Kay Electric Co	4998-PP-61-A3-A3	1961		
SG-453/U	General Radio Co		1961		
SG-475/APS-94	Orbitron & Co		1962		
SG-522/U	Maxson Elec Corp	NObsr 87726	1962		
SM-26/U	Electric Indicator	AF33(038)26107	1954		MIL-A-4887
SM-26A/U	Bruno NY Ind Corp	AF33(604)11986	1956		MIL-A-4887
SM-42/U	Granite State Mach Co Goodyear Aircraft	AF30(635)7833 AF28(099)55	1957 1951		
SM-65/UP	Pitometer Log Corp " " "	NObsr 57213 NObsr 57560	1953 1953		MIL-S-15293
SM-67/G	Electric Indicator Co	AF33(038)26107	1954		MIL-A-4982

NOMENCLATURE	SUPPLIER	CONTRACT NUMBER	YEAR	UNITS	SPECIFICATIONS
SM-104/GP	Gilfillan Bros	38713-PHILA-56-55	1956		
SM-131/GMD	Radio Engineering Lab	18005-PP-62-B4-B4	1963		
	Reeves Inst	18005-PP-62-B4-B4	1962		
SM-140/TFX	Gen Instrument Corp	42545-PP-58-A2-A2	1962		
SM-154/MPQ-4A	GE Syracuse	4919-PP-61-A3-A3	1962		
SM-239/T	Army Ord	DA-36-034-ORD-2000			
	" "	DA-36-034-ORD-2013			
SM-240/T	Army Ord	DA-36-034-ORD-2000			
	" "	DA-36-034-ORD-2013			
SM-253/ASM	Collins Radio Co	32720-PC-63-A3-51	1963		
SM-254/ASM	Collins Radio Co	32720-PC-63-A3-51	1963		
SM-276/APM-170	Burroughs Corp	AF33(600)40540	1961		
TR-127/WQM	Dyna-Empire Inc	NObsr 71659	1958		MIL-T-19362A
	Daven Co	NObsr 75144			
TR-128/WQM	Dyna-Empire Inc	NObsr 71659	1958		MIL-T-19362A
	Daven Co	NObsr 75144			
TR-129/WQM	Dyna-Empire Inc	NObsr 71659	1958		MIL-T-19362A
	Daven Co	NObsr 75144			
TS-1/ARR-1	Zenith Radio	9425-DAY-43	1943		
	Western Electric Co				
TS-2/TG	Teletype Corp				* MIL-T-3484
TS-2A/TG	Molded Insulation	13452-PH-48-77			
TS-2B/TG	Teletype Corp				
	McElroy Mfg Co	21353-PH-50			
	" " "	6905-PH-51			
TS-2C/TC	Telectro Ind Inc	15589-Phila-55-53(31)	1955		MIL-T-3484
TS-3/AP	Western Electric Co	2116-DAY-45	1945		
	" " "	2144-45-RA	1945		
	" " "	2205-45-AR	1945		
TS-3A/AP	Western Electric Co	132-DAY-44	1945		
	" " "	2144-DAY-45	1945		
	" " "	2205-DAY-45	1945		
	" " "	89-DAY-DE-RA			



NOMENCLATURE	SUPPLIER	CONTRACT NUMBER	YEAR	UNITS	SPECIFICATIONS
TS-8A/U	Geophysical Services	NOas 361			
TS-9A/ASQ-3	Geophysical Services	NOas 361			
TS-10/APN	Radio Corp of Amer	9670-WF-43	1948		
	" " " "	11948-WF-43	1943		
	Elec Corp of Amer	12185-43	1944		
	" " " "	737-44	1944		
TS-10A/APN	Radio Corp of Amer	12208-WF-43	1943		
	" " " "	589-DAY-44	1944		
	Elec Corp of Amer	893-DAY-44	1944		
	" " " "	12185-WF-43			
	" " " "	264-DAY-44			
TS-10B/APN	Elec Corp of Amer	1320-DAY-44			
TS-10C/APN	Atlas Instrument Co	371-DAY-45	1945		
	" " "	371-DAY-45-RA			
	" " "	371-DAY-45-RD			
TS-12/AP	Electro-Impulse Labs	AF-10066	1950		
	Presto Recording	NOas 414	1944		
	" "	NObsr 8658			
TS-13/AP	Presto Recording	NXss 33647			
	" "	545-DAY-45	1944		
	" "	NOas 414			
	Stoddart Aircraft	NObsr 30088			
	" "	NObsr 39272			
TS-14/AP	Boonton Radio Corp	NXss 30263			
	" " "	1319-ARL-44			
TS-14A/AP	Boonton Radio Corp	NXss 30263			
TS-15/AP	Marion Electrical Inst				* MIL-F-11543B
TS-15A/AP	Marion Electrical Inst	NXss 21899			
TS-15B/AP	Marion Electrical Inst	2997-PH-52	1953		MIL-F-11543(Sig C)
TS-15C/AP	Marion Electrical Inst				
	T L G Electric Corp	3364-Phila-52-04	1954		MIL-F-11543A
	Republic Electronics				MIL-F-11543A
TS-16/APN	Radio Corp of Amer	249-DAY-44			* MIL-T-4384
	" " " "	10105-WF-43			
	Elec Corp of Amer	2003-DAY-45-RA	1945		
TS-16X/APN	Elec Corp of Amer	249-DAY-44			
	" " " "	455-DAY-45	1945		
	" " " "	10105-WF-43	1943		

NOMENCLATURE	SUPPLIER	CONTRACT NUMBER	YEAR	UNITS	SPECIFICATIONS
TS-17/ASQ	Texas Instrument Inc " " "	ASO 14070 N383(s)5484A(P)	1960		
TS-23/APN	Elec Corp of Amer " " " " " " " " " " " "	901-DAY-44 431-DAY-44 415-DAY-44 431-DAY-45-RA	1944 1944		* MIL-T-4310
TS-24/ARR-2	Western Electric Co				
TS-24A/ARR-2	Western Electric Co	NXsa 2944			
TS-26/TSM	Cambridge Instrument J H Bunnell Western Electric Co	3017-PHILA-52-02-6 NObsr 38157			MIL-T-2502
TS-26A/TSM	J H Bunnell Cambridge Inst Co	3017-PHILA-52-02-6			MIL-T-2502 MIL-T-2502
TS-26B/TSM	Cambridge Inst Co	3017-PHILA-52-02-6	1955		MIL-T-2502
TS-27/TSM	Gen Communications Western Electric Co	DA-36-039-sc-65397	1956		* MIL-T-2487A
TS-27B/TSM	Western Electric Co Universal Elec Lab	MIPR33-604-3-17C-17 6946-PH-51804			MIL-T-2487
TS-28/UPN	Belmont Radio Corp Galvin Mfg Corp	NXsr 69266 NXsa 30305	1944 1943		
TS-28A/UPN	Belmont Radio Lab	NXsr 69266			
TS-29/FMQ-1	J P Friege Co " " " Bendix Aviation	6869-SCGDL-43 11092-SCGDL-43 18098-P-50-7			
TS-29A/FMQ-1	Bendix Aviation	1105-MPD-45	1944		
TS-29B/FMQ-1	National Company Inc	8563-Phila-48	1949		
TS-32/TRC-1	F M Link	1806-CCGSS-43			
TS-33/AP	Gen Communications Western Electric Co Bell Telephone Labs " " "	NObsr 71901 NOas 429 768-DAY-45 870-DAY-45	1957 1946 1945 1945		(E) MIL-T-945A
TS-33A/AP	F M Link " "	672-MSCPD-44 673-MSCPD-44			

NOMENCLATURE	SUPPLIER	CONTRACT NUMBER	YEAR	UNITS	SPECIFICATIONS
TS-34/AP	Western Electric Co " " "	NOas 1277 NXsr 51503			
TS-34A/AP	Western Electric Co Trad Television Corp	NXsr 51503 NObsr 63395	1949		
TS-35/AP	Western Electric Co " " " " " " " " "	768-DAY-45RA 870-DAY-45RA 2118-DAY-45 85-DAY-44			
TS-35A/AP	Western Electric Co " " " " " " " " " " " " " " "	2118-DAY-45 870-DAY-45RA 85-DAY-44 NOrd 3644 NOrd 4748 NOrd 5557	1945 1945 1943		
TS-36/AP	Western Electric Co " " " " " " " " " " " " " " "	2080-45-AR 768-DAY-45 120-45-RA 85-DAY-44 11925-DAY-43 2080-45-AR	1945 1945 1944 1943 1943		
TS-41/CRN-1	Wells Gardner & Co " " " " " " " "	998-DAY-45 4135-45-CN 4017-DAY-45-SE	1945 1945		
TS-45/APM-3	Western Electric Co	NXsa 32197	1946		
TS-45A/APM-3	Western Electric Co	NXsa 32197	1946		
TS-47/APR	Munston Elec Mfg General Radio Co Maguire Industries Fairchild Camera " " " " Medco Mfg Co Cardwell	SC-36-039-63-10339-A3 117-DAY-44 600-DAY-45-SL 545-DAY-44L 545-DAY-44	1962 1945 1944 1944 1943 1944	268	
TS-47A/APR	General Radio Co Munston Mfg Co	28780-PH-55	1956		MIL-T-11342
TS-47B/APR	Northeastern Eng Inc	4325-PP-60-A3-A3	1961		
TS-59/APN-1	Radio Corp of Amer " " " " " " " " " " " "	NXsa 33172 NXsa 33-72 45467 66818			* MIL-T-18200

NOMENCLATURE	SUPPLIER	CONTRACT NUMBER	YEAR	UNITS	SPECIFICATIONS
TS-59A/APN-1	Radio Corp of Amer " " " "	NXsa 45467 NXsa 66818			
TS-60/U	Delco "	NXsa 49662 NXs 28022			
TS-61/AP	Western Electric Co " " " " " " " " " " " " " " " " " "	2218-45-AR 797-DAY-54-A 2218-DAY-45-AR 959-DAY-44 1105-DAY-44 2048-ARL-44 797-DAY-45-RA	1945		
TS-62/AP	Western Electric Co " " " " " " " " " " " " " " "	862-AF-SPD 768-DAY-45 870-DAY-45 NXsr 83432 120-DAY-45 801-DAY-45	1946 1945 1945 1945 1944 1944		
TS-65/FMQ-1	Amer Time Products " " "	512-MPD-44 604-MPD-44			
TS-65A/FMQ-1	Amer Time Products	1195-DAY-44			
TS-65B/FMQ-1	Amer Time Products	14619-PH-48-77			
TS-65C/FMQ-1	Amer Time Products	21488-PHILA-50-04			
TS-65D/FMQ-1	Polartron Inc Precision Associates	1106-A3 35756-PH-53-34(61)	1962 1960	249	MIL-C-12159A
TS-67/ARN-5	Packard-Bell	602-DAY-44	1944		
TS-67A/ARN-5	Packard-Bell				
TS-69/AP	Collins Bros Cover Dual Signal Sys				
TS-69A/AP	Cover Dual Signal Sys Collins Bros	633-DAY-44	1945		
TS-70/AP	Bird Engineering " " " "	160-45-R C 698-DAY-44 PR-44-3117	1944 1944	220	
TS-74/UPM	Western Electric Co " " " Galvin Mfg Corp Bell Telephone Labs	2108-45 816-45RA 329-DAY-44	1945 1944		
TS-74A/UPM					MIL-T-4354



NOMENCLATURE	SUPPLIER	CONTRACT NUMBER	YEAR	UNITS	SPECIFICATIONS
TS-75/U	Western Electric Co	NXsa 32197			
TS-76/APM-3	Western Electric Co Bell Telephone Labs	NXsa 32197			
TS-78/U	Western Electric Co " " "	NXsa 7270 NXsa 71322			
TS-79/U	Western Electric Co " " " " " "	NXsa 7270 NXsa 71322 NXsa 12591			
TS-80/U	Western Electric Co Jowil Electronics	NXsa 7270 N383(s)9968A			
TS-83/ASQ-3	Western Electric Co	NOas 833	1943		
TS-84/ASQ-3	Western Electric Co	NOas 833			
TS-86/ASQ-3	Western Electric Co				
TS-87/AP	W W Bowes Co " " " Radio Res Labs	654-DAY-44 1473-DAY-44	1944 1944		
TS-89/AP	Robson Burgess United Cinephone Corp " " " Western Electric Co " " " " " " Mercury Electronics Bell Telephone Labs	2175-45AR 1175-44 923-45RA 432-45-RA 949-44 11925-43 AF 33(600)20486	1945 1944 1944 1944 1944 1943		
TS-89A/AP	Century Metalcraft	AF33(600)8715	1952		
TS-89B/AP	Mercury Electronic	AF33(600)20486			MIL-V-4306
TS-89C/AP					MIL-V-4306A
TS-90/AP	Vendo Co Western Electric Co " " " Techno Scientific Co Bell Telephone Labs	AF33(038)17886 342-44 NOrd 3456 W-33-038-ac-19494	1950 1943		* MIL-D-4917A
TS-90A/AP	Vendo Co	AF33(038)17886	1950		
TS-90B/AP	Vendo Co Wac Line Inc	AF33(604)19337	1960		MIL-D-4917

NOMENCLATURE	SUPPLIER	CONTRACT NUMBER	YEAR	UNITS	SPECIFICATIONS
TS-92/AP	Hudson American Corp	1089-45-SP	1945		
	" " "	668-DAY-44	1944		
	" " "	1499-DAY-44	1944		
	Hallicrafters Co Radio Res Labs				
TS-94/AX	Radio Corp of Amer	NOa(s)-166	1943		
	" " " "	NOa(s)-1536	1943		
TS-95/AX	Radio Corp of Amer	NOa(s)-166			
	" " " "	NOa(s)-1536			
TS-96/TPS-1	Western Electric Co	W-3435-sc-119			
	" " "	195-MPD-43			
	" " "	PP-1873			
TS-97/TPS-1	Western Electric Co	W-3435-SC-119			
	" " "	195-MPD-43			
	" " "	PP-1873			
TS-98/AP	Western Electric Co	992-45RA	1945		
	" " "	342-44	1943		
	" " "	NOrd 3456			
	" " "	PP-44-1380			
	" " "	PP-44-1381			
	Bell Telephone Labs				
TS-100/AP	United Cinephone Corp	2072-45AR	1945		
	" " "	14-45RA	1944		
	" " "	520-44	1944		
	" " "	925-44	1944		
	Radiation Labs				
TS-101/AP	United Cinephone Corp	2D72-45	1945		
	" " "	368-45	1945		
	" " "	928-DAY-44	1944		
TS-102/AP	Western Electric Co	2055-DAY-45-RA	1945		
	" " "	342-DAY-44	1944		
	" " "	12194-DAY-43	1944		
	" " "	1105-DAY-44	1944		
	Federal TV Corp	AF33(600)19230	1953		MIL-R-4337
	Bell Telephone Labs				
TS-102A/AP	Western Electric Co	1105-DAY-44	1944		
	" " "	342-DAY-45	1942		
	" " "	NXsr 78776			
	" " "	1010-DAY-44			
	Bell Telephone Labs				
	Federal TV Corp	AF33(600)19230			MIL-R-4337
TS-102B/AP	Federal TV Corp	AF33(600)19230	1953		MIL-R-4337
TS-104/TPM-1	Western Electric Co	NOrd 3456			
	" " "	W-2279-sc-119	1943		

NOMENCLATURE	SUPPLIER	CONTRACT NUMBER	YEAR	UNITS	SPECIFICATIONS
TS-105/TPM-1	Western Electric Co	NOrd 3456			
	" " "	2806-MPD-45			
	" " "	W-2279-sc-119	1943		
	Bell Telephone Labs				
TS-106/TPM-1	Western Electric Co	NOrd 3456			
	" " "	W-2279-sc-119	1943		
TS-107/TPM-1	Western Electric Co	AF14589	1950		
	" " "	NOrd 3456			
	" " "	NOrd 10095			
	" " "	195-MPD-43			
	Nassau R & D Assoc	NObsr 64273			
Bell Telephone Labs					
TS-107A/TPM-1	Telerad Div Lionel	NObsr 81453	1961		
	Nassau R & D Assoc	NObsr 64273	1956		
	Narda	NObsr 59991	1954		
TS-108/AP	Bernard Rice & Sons	NOa(s)-3670			
	" " " "	365-DAY-44			
	" " " "	837-DAY-45RA			
	Lambert Meter Co				
Radiation Labs					
TS-108A/AP	Bernard Rice & Sons	NOa(s)3670			
	" " " "	365-DAY-44			
	" " " "	837-DAY-45RA			
	Lambert Meter Co				
TS-110/AP	Western Electric Co	2006-45-RA	1945		
	" " "	2111-45-RA	1945		
	Bell Telephone Labs	2189-ARL-44			
	" " "	2048-ARL-44			
TS-111/CP	General Electric	2014-45-AR	1945		
	" "	703-45-RA	1944		
	Galvin Mfg Corp				
TS-114/APS-2F	Philco Corp	NXsa-26589			
TS-115/APS-2F	Philco Corp	NXsa-26589			
TS-117/GP	Lavoie Labs	49-7189	1949		
	" "	49-41-SC	1948		MIL-W-11559A
	" "	5040-45	1945		
	Sperry Gyroscope	2338-MPD-45			MIL-W-11559A
	" "	2538-MPD-45			
	Columbus Electronics	AMC-36-039-63-384			MIL-W-11559A
Precision Associates				MIL-W-11559A	

NOMENCLATURE	SUPPLIER	CONTRACT NUMBER	YEAR	UNITS	SPECIFICATIONS
TS-118/AP	Bird Electronics	DA-36-039-sc-28492	1950		* MIL-T-11817B
	" "	1344-DAY-44	1944		
	" "	NXsr 44551			
	" "	PP 44-4772			
	Radio Res Labs				
TS-118A/AP	Bird Electronics	DA-36-039-sc-28492	1950		MIL-W-11817A
	" "	1344-DAY-44	1944		
	" "	15112-PH-52-04(51)			
	" "	3419-PP-59-A3-51			
TS-120/UP	Airadio Corp	NXsr 69247	1945		
	" "	NXsr 60003	1944		
	" "	NXsr 44551			
	Radiation Labs				
TS-125/AP	Cover Dual Signal Sys	971-45-RA	1948		* MIL-P-11592B
	" " " "	289-45-RA	1944		
	" " " "	1109-DAY-44	1944		
	Electric Products Inc				
	Radiation Labs				
TS-126/AP	Galvin Mfg Corp	774-DAY-44			
	" " "	774-DAY-45			
	" " "	1160-DAY-44			
	" " "	2506-ARL-44			
	Radiation Labs				
TS-127/UR	Lavoie Labs	NXss 26732			
	" "	NXss 33777			
TS-128/UP	Western Electric Co	NOrd 3456			
	Bell Telephone Labs				
TS-129/UP	Western Electric Co	NOrd 3456			
	Bell Telephone Labs				
TS-130/UP	Western Electric Co	NOrd 10095			
	" " "	NOrd 3456	1949		
	Bell Telephone Labs				
	Central Research Labs	AF33(038)29508			MIL-S-4169
	" " "	AF33(038)18863			
TS-130A/UP	Central Research Labs	AF33(038)29508	1951		MIL-S-4169
	" " "	AF33(038)18863	1951		
TS-131/AP	Cover Dual Signal Sys	659-DAY-44			
	" " " "	649-44	1944		
	" " " "	985-44	1944		
	Dayton Acme Co				
	Radio Res Labs				



NOMENCLATURE	SUPPLIER	CONTRACT NUMBER	YEAR	UNITS	SPECIFICATIONS
TS-132/TPS-1	Western Electric Co " " "	W-3435-sc-119 195-MPD-43			
TS-140/PCM	Contelco	24635-PH-497			* MIL-T-14480 MIL-T-12643
TS-142/APG	General Electric Western Electric Co Electronic Assoc	684-DAY-44 11766-WF-43 33(038)48-1183-AP	1947		
TS-142A/APG	Electronic Assoc General Electric	33(038)48-1183-AP 684-DAY-44	1947		* MIL-C-26721
TS-144/TRC-6	Western Electric Co				
TS-146/UP	Philharmonic Radio Corp Radiation Labs	NOas 3195			
TS-147/UP	Gen Communications " " Sperry Gyroscope Co " " " Sperry Microwave Elec Radiation Labs Gen Communications " " " " " "	NObsa 31994 NObsr 39296 NXsa 51553 NXsa 49714 NObsa 39114 NObsr 39296 NObsr 52607 NObsr 57567	1947 1947 1947		* MIL-T-15254B  (E) MIL-T-945  MIL-T-15254A
TS-147B/UP	Sperry Microwave Elec " " "	NObsr 57580	1961		(E) MIL-T-945 MIL-T-15254A
TS-147C/UP	Espey Mfg Co	NObsr 49265	1952		MIL-T-15254
TS-147D/UP	Futuronics Corp Gen Communications " " " " " " Decitron Electronic Amerac Inc	NObsr 89244 NObsr 71708 DA-36-039-sc-69086 NObsr 57567 NObsr 52607 NObsr 87448	1963 1957 1955 1952 1951	121    135	MIL-T-15254B  (E) MIL-T-945A  MIL-T-15254A (E) MIL-T-945A
TS-147E/UP	Amerac Inc	NObsr 85417	1962		MIL-T-15254A
TS-147F/UP	Decitron Electronic	NObsr 87448	1963		MIL-T-15254

NOMENCLATURE	SUPPLIER	CONTRACT NUMBER	YEAR	UNITS	SPECIFICATIONS
TS-148/UP	Hazeltine Electronics	N383s-37357	1950		
	" "	N383s-1427	1948		
	" "	47-2877	1947		
	" "	N383s-45628			
	" "	N383s-46737			
	" "	N383s-43628			
	Westinghouse Electric	NXsa 51586			
	" "	NXsa 59108			
	" "	108-DAY-45RA	1946		
	Transitron Inc	N383s-18449A			MIL-T-18201
	Radiation Labs				
	Jetronic Industries	N383s-12938A			MIL-T-18201
TS-148A/UP	Transitron Inc	N383s-18449A			MIL-T-18201
TS-153/AP	Freed Radio Corp	NOas 3100			
	" " "	NOas 4185			
TS-154/CRW-2	W W Bowes Co	1319-44	1944		
	Dayton Acme Co	392-45-SD	1944		
TS-155/UP	Webster Chicago	19943-PH-55			MIL-G-10728A
	Westinghouse Electric	650-SCRL-42	1945		MIL-G-10728
	Templetone Radio	PP-C-44-3232			MIL-G-10728
	Radiation Labs				
TS-155A/UP	Lavoie Labs	5040-45-GR	1945		
	Templetone Radio	1874-MPD-44			
TS-155B/UP	Boonton Radio Corp	896-MPD-45			
TS-155C/UP	Adler Electronics	72456	1956		MIL-G-10728
	Webster Electric Co		1955		
	Lewyt Mfg Co		1953		
	New London Inst Co		1952		
	Boonton Radio Corp	MIPR-49-425C	1948		MIL-G-10728A
	Boston Radio Corp	LR-ESL-45-4216			
TS-155D/UP	Boonton Radio Corp	13464-PH-48	1948		
TS-155E/UP	Webster Chicago	19943-PH-55	1955		MIL-G-10728A
TS-159/TPX	Radio Receptor Corp	W-28-004-SC-164			
TS-170/ARN-5	Argus Inc	1127-DAY-44	1944		
	Packard-Bell				
TS-172/UP	Western Electric	NXss 38866			
	Hoffman Radio Corp	NXaa 76139			
	" " "	NXaa 65277	1944		
TS-172A/UP	Johnson Service Co	NObsr 63469	1953		
	Decitron Electronic	NObsr 85188			(E) MIL-T-945A
	" "	NObsr 87423			(E) MIL-T-945A

NOMENCLATURE	SUPPLIER	CONTRACT NUMBER	YEAR	UNITS	SPECIFICATIONS
TS-172B/UP	Hazeltine Electronics	NObsr 71290	1956		
	" "	NObsr 64764	1955		
TS-172C/UP	Lionel Corp	NObsr 75577	1962		MIL-C-17808A
TS-173/UR	Allen D Cardwell	NXsr 65277	1944		
	Hoffman Radio Corp	NXsa 76139			
TS-174/U	Cardwell Mfg Co	1209-DAY-44			
	" " "	1010-DAY-45RD			
	" " "	1097-45-SP	1945		
TS-174B/U	O S Peters	1903-PHILA-50			
TS-175/U	Colortone Electronics	10634-PHILA-54-34(61)			* MIL-F-10763B
	Cardwell Mfg Co	1065-45-SP	1945		MIL-F-10763B
	" " "	1210-DAY-44			
	Columbus Electronics	11691-P-50-2			
TS-175A/U	International TV Corp	AF33(600)18201	1951		MIL-F-4289
TS-175B/U	Columbus Electronics	11691-PH-502			
	Colortone Electronics	10634-PHILA-54-34(61)			MIL-F-10763B
TS-175C/U	Colortone Electronics	10634-PHILA-54-34(61)			MIL-F-10763A
TS-178/ARM-1	Sylvania Electric Co				* MIL-T-5398
	Colonial Radio Corp	84-DAY-45	1944		
TS-182/UP	Harvey Wells Elec	NOas 7871			
	Hickok Electrical Inst	NX-SR-56777			
	" " "	NXsa 71343			
	" " "	687-DAY-45			
	Air King				
TS-183A/U	Aircraft Electronics	8489-PHILA-48			* MIL-T-12756A
	Munston Mfg Co	2379-PH-50			
TS-183B/U	Munston Mfg Co	2379-PH-50			
TS-184/AP	Radio Corp of Amer	738-DAY-44			
	" " " "	657-DAY-45RA	1944		
TS-184A/AP	Radio Corp of Amer	738-DAY-44	1944		
TS-186/UP	Washington Institute	NXsr 83449			* MIL-F-15242A
TS-186A/UP	Washington Institute	NObsr 42462	1948		
TS-186B/UP	Federal Mfg & Eng	NObsr 43397	1949		

NOMENCLATURE	SUPPLIER	CONTRACT NUMBER	YEAR	UNITS	SPECIFICATIONS
TS-186C/UP	Federal Mfg & Eng	NObsr 49229	1950		MIL-H-15242
TS-186D/UP	Telerad Mfg Corp	NObsr 81366	1960	21	MIL-F-152424A
	Federal Mfg & Eng	NObsr 52270	1951		MIL-F-15242
	Columbus Electronic	NObsr 75592	1958	45 + 2(overseas)	MIL-F-152424A
	" "	NObsr 85549			
	Akeley Camera & Inst J W Flecker Inc Northeastern Eng Inc				MIL-F-152424A MIL-F-152424A
TS-186E/UP	Akeley Camera & Inst	NObsr 64788	1955		MIL-F-15242A
TS-188/APS-4	Western Electric Co	NXsa 16394			* MIL-E-4999B
	" " "	NXsa 25502			
	" " "	NXsa 96394			
TS-189/U	Technical Radio Co	NXsa 69185	1945		
	" " "	NXsr 69185	1944		
	" " "	NXsr 5892			
TS-190/U	Audio Sears		1959	657	MIL-T-12681A w/amend #1
TS-191/UP	Airadio Inc	NXsr 69247	1944		
	" "	NX 60003			
	Radiation Labs				
TS-193/CPM-4	General Electric	473-MPD-43			* MIL-D-4799A
	Radiation Labs				
TS-193A/CPM-4	General Electric	1614-MPD-45			
TS-193B/CPM-4	Bruno NY Ind Inc	AF33(038)26780	1951		
	Press Wireless	AF33(038)11716	1950		
TS-194/CPM-4	General Electric	W-3435-sc-264	1944		
TS-195/GP	Radiation Labs				
	Lavoie Labs	5040-DAY-45-GR	1945		
	General Electric	W-3435-SC-264	1943		
	" "	473-MPD-43			
	Sperry Gyroscope Co Radiation Labs				
TS-196/CPM-4	General Electric	473-MPD-43			
	" "	W-3435-sc-264			
	Cover Dual Signal Sys Radiation Labs				
TS-197/CPM-4	General Electric	473-MPD-43	1945		
	Sylvania Electric Co				
	Radiation Labs				



NOMENCLATURE	SUPPLIER	CONTRACT NUMBER	YEAR	UNITS	SPECIFICATIONS
TS-199/CPM-4	General Electric " "	W-3435-sc-264 473-MPD-43			
TS-200/CPM-4	General Electric " "	W-3435-sc-264 473-MPD-43	1952		
TS-202/U	Lavoie Labs " " Radioactive Products	NXsr 51595 NXsr 7256 NObsr 52226	1946		SHIPS-C-276
TS-202A/U	Radioactive Products	NObsr 52226			
TS-203/AP	Western Electric Co " " "	73-DAY-45RA AF33(038)28870	1944		
TS-204/AP	Radio Corp of Amer	738-DAY-44	1945		
TS-206/AR	Bird Electronics " " " "	1043-45-SP 45-7683-ARL 1317-DAY-44	1945 1945 1944		
TS-207/UP	Marathon Inst Co Radiation Labs-MIT				
TS-208/MPM	Belmont Radio Corp	3200-SCRL-43			
TS-210/MPM	Belmont Radio Corp		1953		
TS-211/UPM-2	Kalart & Co	NXsr 53379	1944		
TS-212/UPM-2	Kalart & Co	NXsr 53379	1944		
TS-215/AP	Roller-Smith Co " " " " " " Realty & Indust Co	535-43-17024AI 1322-DAY-44 2141-45 1324-44	1945 1944		
TS-216/TPL-1	Sperry Gyroscope Co " " "	W-28-004-SC-350 ORD 1510-MPD-44			
TS-217/MPM-1	Marathon Inst Co Gilfillan Bros Radiation Labs-MIT	ORD 173-MPD-43 ORD 173-MPD-43			
TS-218/UP	Western Electric Co " " " " " " " " " Bell Telephone Labs	2686-CEGSA-44 W-28-003-SC-887 W-28-004-SC NXsr 83432 5000-DAY-45			
TS-218A/UP	Gen Communications " " Western Electric Co	NObsr 39200 NObsr 30172 W-28-003-SC-887	1947 1946		

NOMENCLATURE	SUPPLIER	CONTRACT NUMBER	YEAR	UNITS	SPECIFICATIONS
TS-220/TSM	Galvin Mfg Corp				
TS-221/TSM	Polartron Inc Western Electric Co	IFB 1070 ES-0-597201	1962		
TS-222/MPN-1	Technifinish Lab Radiation Labs-MIT	173-MPD-43			
TS-223/AP	Radiation Labs-MIT Aircraft Radio Corp " " " " " "	240-DAY-45 NXsa 11835 NXsa 62363 NXsa 85016	1944		
TS-225/MPN-1	Gilfillan Bros Fed Tele & Telegrf Co	173-MPD-43 173-MPD-43			
TS-226A/AP	Elec Corp of Amer " " " " Aircraft Radio Corp	2106-DAY-45AR 88-DAY-45RA	1945 1944		
TS-230/AP	Western Electric Co " " " " " " " " " Electro-Impulse Labs Bell Telephone Labs	NObsr 43067 NXsr 51503 NXss 32196 NOrd 3644 NObsr 57389	1948 1945 1945 1945		* MIL-T-15453C  MIL-M-15453A
TS-230A/AP	Western Electric Co Midwest Eng Dev	NObsr 43067 NObsr 39303	1948 1947		
TS-230B/AP	Electro-Impulse Labs " " "	NObsr 49218 NObsr 52140	1950 1950		
TS-230C/AP	Kings Electronics Hycon Mfg " " Electro-Impulse Labs " " "	NObsr 64254 NObsr 52598 NObsr 64254 NObsr 71746 NObsr 71876	1954 1951		
TS-230D/AP	Electro-Impulse Labs	NObsr 57389			MIL-M-15453A
TS-230E/AP	Elsin Electronics Radar Design Corp	NObsr 75105 NObsr 75541	1958		
TS-231/AP	Western Electric Co " " " " " " Telerad Mfg Corp Bell Telephone Labs Demornay-Budd Inc	NXsr 11831 NXsr 48371 NXsr 51503	1946		

NOMENCLATURE	SUPPLIER	CONTRACT NUMBER	YEAR	UNITS	SPECIFICATIONS
TS-231A/AP	DeMornay-Budd Inc Kings Microwave Co " " "	NObsr 39380 NObsr 57329 NObsr 52511			MIL-R-16079
TS-233/TPN-2	Fada Radio & Electric " " " "	W-28-004-sc-208 884-MPD-44	1944		
TS-234/UP	Western Electric Co " " " Bell Telephone Labs	NObsr 42337 NXsr 38866			* MIL-D-4835A
TS-234A/UP	Network Mfg Co	AF33(038)21331			MIL-D-4835
TS-235/UP	Specialty Eng & Elec Western Electric Co " " " Barlow Engineering " " " Bell Telephone Labs	NObsr 52720 AF33(038)15722 NXsr 38866 NObsr 42492 NObsr 43142	1951 1950  1948 1948		MIL-D-16211
TS-237/TRC-8	Espay Mfg Co	25456-PH-49-7			
TS-239/UP	Western Electric Co " " " Lavoie Labs " " " Bell Telephone Labs	NXsa 97713 NXsa 77893 NOa(s)8804 NObsr 39422	1947  1947		
TS-239A/UP	Lavoie Labs " " " " " "	NOa(s)8804 NObsr 39422 NObsr 43344	1947		
TS-247/APM-48	Harvey Radio Labs " " " " " " Amer Measuring Inst Aircraft Radio Corp	2066-DAY-45 937-DAY-45 785-DAY-45-RA	1945 1944 1944		* MIL-W-25309
TS-247A/APM-48	Amer Measuring Inst	AF33(604)7812			
TS-251/UP	Airplane & Marine " " " Packard-Bell " " " Radio Corp of Amer	2266-DAY-45 454-DAY-45 962-DAY-45 2028-DAY-45	1945 1944 1945 1945		
TS-252/AP	F M Link	460-DAY-45-RC	1945		
TS-253/AP	Bernard Rice & Sons " " " "	879-45AR 490-DAY-45-RA	1945		

NOMENCLATURE	SUPPLIER	CONTRACT NUMBER	YEAR	UNITS	SPECIFICATIONS
TS-254/AP	Elec Corp of Amer " " " "	280-DAY-45RA 2104-45		1945	
TS-255/AP	Western Electric Co	2156-45-AR		1945	
TS-257/ARW	Technicontrol Eng Setchell-Carlson Lavoie Labs	AF33(038)11898 3001-45RC AF33(038)7677		1950 1945	MIL-T-4373
TS-257A/ARW	Hausman Inst Lavoie Labs	AF33(604)7722		1953	MIL-T-4373
TS-258/UP	Radiation Counter Labs Presto Recording	173-MPD-43			
TS-259/AP	Browning Lab Inc	281-DAY-45RA			
TS-264/MPG-1	Bendix Aviation " " " "	32-P-46-83 W-28-004-SC-639 2612-MPD-44			
TS-265/UP	Sperry Gyroscope Co				MIL-V-14274
TS-265A/UP	Forway Industries Inc	4568-PP-61-A3-A3		1961	MIL-V-14274
TS-267/MPG-1	Bendix Radio				
TS-268/U					* MIL-T-10731B
	Radio Frequency Labs " " "	NXsr 84999 NXsr 93897		1945 1944	
TS-268A/U	Marion Electrical Inst Radiation Labs	199-MPD-45			
TS-268B/U	Marion Electrical Inst	28-099-45-343			
TS-268C/U	Radio Frequency Labs Munston Mfg Co Transmitter Equip Mfg	NXsr 93897 W33-038-ac-17893 21790-P-50		1945	
TS-268D/U	Network Mfg Co	22410-PH-51-04-NY			
TS-268E/U	Voron & Co	37850-Phila-53-34(31)		1962	MIL-C-10731
TS-269()/UR					MIL-T-10306
TS-269A/UR	Daven Co General Radio Co	1252-PHILA-42			
TS-269B/UR	General Radio Co				
TS-270/UP	Johnson Service Co " " " " " " Lavoie Labs	W-28-099-ac-47 NXsr 8624 NXsr 77902 5040-45GR		1948 1945 1944 1945	MIL-E-3221



NOMENCLATURE	SUPPLIER	CONTRACT NUMBER	YEAR	UNITS	SPECIFICATIONS
TS-270A/UP	Johnson Service Co " " " " " "	5040-DAY-45-GR 5040-DAY-45-GR 2417-MPD-45			
TS-270B/UP	T A Edison Co " " " Johnson Service Co	R-49-221SC R-49-89SC W-28-099-ac-47	1949 1948		
TS-275/UP	Johnson Service Co " " " " " " " " " " " "	NObsr 57091 NObsr 49123 NObsr 43119 NXsr 5934 NXsr 65336	1951 1950 1948		MIL-E-16076
TS-278/AP	Elec Corp of Amer " " " "	88-DAY-45RA 861-DAY-45	1944		
TS-279/UPM	A F Smuckler " "	W36-039-sc-47/80 25439-P-49-2	1949		
TS-284/UR	Espey Mfg Co	2508-PHILA-46	1947		
TS-285/GP	Lavoie Labs	493-MPD-45			
TS-287/GM	J P Friez Radio City Products " " "	9800-P-48 11684-P-48			
TS-288/UPA-1	Belmont Radio Corp				
TS-290/U	Supreme Inc	NX 3530			
TS-294/U	Electronic Designs Radio Corp of Amer				
TS-294A/U	Radio City Products	1872-MPD-44			
TS-294C/U	Radio Corp of Amer Espey Mfg Co	14536-PH-48	1949		
TS-294D/U	Radio Corp of Amer				
TS-294E/U	Espey Mfg Co	13504-PH-48	1948		
TS-295/UP	Western Electric Co	NXsr 66745	1944		
TS-295A/UP	Washington Institute	NObsr 39288	1947		
TS-295B/UP	Gibbs Corp	NObsr 71130	1955		
TS-295C/UP	Production Research	NObsr 71841	1959		SHIPS-T-2637

NOMENCLATURE	SUPPLIER	CONTRACT NUMBER	YEAR	UNITS	SPECIFICATIONS
TS-297/U	Chicago Indust Inst	W36-039-sc-35613	1948		MIL-M-10263
	" " "	11906-Phila-47-77			
	Simpson Electric	55441-PH-34-10	1945		MIL-M-10263
	Utility Elec Corp				MIL-M-10263
	Radio City Products	6872-PH-51			MIL-M-10263
	Minerva Corp of Amer	55442-PH-45-10			MIL-M-10263
TS-303A/G	Radio Corp of Amer				
TS-303B/G	Reiner Elec Co	21468-Phila-50	1950		
TS-305/UP	Elec Corp of Amer	943-DAY-45RA	1946		
	" " " "	972-DAY-45RA	1946		
	" " " "	2163-DAY-45AR	1946		
TS-305A/UP	Industrial Inst Inc	AF33(038)13689	1950		
TS-305B/UP	Industrial Inst Inc	AF33(600)19218			MIL-P-5714A
TS-305C/UP	Electro-Impulse Labs	AF33(604)8536			MIL-P-5714A
TS-305D/UP	Industrial Inst Inc				MIL-W-5714D
	Electro-Impulse Labs				
TS-306/ARW	F M Link	NXsa 4660			
TS-307/ARW	Jetronic Industries	N383s-70995	1952		
	Link Radio Corp	NXsa 4660			
TS-308/U	Ray Jefferson Inc				
TS-309/U	Radio Corp of Amer				
	" " " "	Plan 44-4297	1944		
	" " " "	Plan 44-4989	1944		
TS-311/UP	Johnson Service Co	NObsr 52618			MIL-E-16164
	Western Electric Co				
TS-311A/UP	Gen Communications	NObsr 42413	1948		
	" "	NObsr 42101	1948		
	" "	NObsr 39201	1947		
	" "	NObsr 30172	1946		
	Western Electric Co				
TS-311B/UP	Johnson Service Co	NObsr 52618	1952		MIL-E-16164(SHIPS)
TS-313/U	Supreme Inc				
TS-317/U	Hickok Electrical Inst	1105-P-44			
	" " "	11729-P-44			
	" " "	18148-P-44			
	" " "	5357-P-45			

NOMENCLATURE	SUPPLIER	CONTRACT NUMBER	YEAR	UNITS	SPECIFICATIONS
TS-318/UP	Washington Institute	NObsr 39362	1947		
	" "	NXsr 88850	1945		
TS-321/URM-1	Emerson Radio				
TS-323/UR	Hoffman Radio Corp	NXsa 76139	1945		MIL-F-4147A
	Daven Co	N383s-59463			
	" "	MIPR-R51-			
	" "	5320N, R51-			
	" "	5232 and R51-			
	" "	5383N			
TS-324/U	DuMont Labs	NObsr 39204			
	" "	5355-PH-45-52			
TS-325/U	Simpson Electric	NXsr 71264			
TS-326/U	Delco	899-DAY-45			* MIL-T-4406A
TS-326A/U	Radio Corp of Amer	W-33-038-ac-6682			MIL-T-4406
TS-326B/U	Radio Corp of Amer Stone & Smith Co	AF33(600)21259			MIL-T-4406
TS-328/U	Winslow Elec Inc J B T Instrument Co	10971-PHILA-54-54 NXsr 38866			
TS-328A/U	J B T Instrument Co	4615-Phila-52-04-NY	1953		
TS-328B/U	Winslow Co	10971-PHILA-54-54			
TS-329/U	Western Electric Co	NOa(s)5423			
	" " "	NXsa 51579			
	" " "	NXsa 71336			
	Gen Industries	NOas 5423			
TS-330/TSM	Radio Frequency Labs	11698-PHILA-50-7			
	" " "	23348-P-50-7			
	Columbus Electronics	11698-PHILA-50-7			MIL-T-12555A
TS-330A/TSM	Columbus Electronics	11698-PHILA-50-7			MIL-T-12555A
	" " "	25781-PHILA-54-53(31)	1955		MIL-T-12555A
	Radio Frequency Labs				
TS-333/AP	Westinghouse Electric	NXsa 91918			
TS-335/MPM	Lambert Meter Co				
TS-336/GSM-1	Radio Frequency Labs				
	Weston Electrical				
	Westinghouse Electric	8548-PH-45			
TS-336A/GSM-1	Radio Frequency Labs	24630-PH-49-7	1950		

NOMENCLATURE	SUPPLIER	CONTRACT NUMBER	YEAR	UNITS	SPECIFICATIONS
TS-338/UP	Electro-Impulse Labs General Electric " " " " Bernard Rice & Sons	N3835-38883 N383s-7308 N3834-7304 NXsr 66725 N383s-7308	1953		* MIL-I-18270
TS-340/U	Weston Electrical " " Daystrom Inc	4354-PP-61-A3-A3 NObsr 43226 4354-PP-61-A3-A3	1948		
TS-343/U	Measurements Corp Artek-Pascoe Co	896-MPD-45			
TS-346/UP	Hazeltine Electronics Andover-Kent Aviation " " "	N383s-8125 N383s-8023 N383s-8152	1950		* MIL-T-18273
TS-349/UP	Johnson Service Co " " " " " "	NObsr 39352 NObsr 39148 NXsr 13590	1947 1947 1945		
TS-352/U	Bridge Electronics Phaostron " " " " Weston Electrical Elec Measurements Co Utility Elec Corp Technicraft Corp	AF33(604)8726 AF33(038)9774 AF33(083)15118 AF33(083)15541 AF(083)50-3364 W33-083-ac-18059 W33-083-ac-219-21977	1962 1953	13100	
TS-352/U	Phaostron Technicraft Corp Weston Electrical Lanagon Hoke Inc	AF33(038)30488 AF33(038)14134 AF33(600)17777 AF33(038)21107			MIL-M-24269 (Amend 2)
TS-352B/U	Phaostron	AF33(604)8726	1953		MIL-M-4269
TS-354/UP	F W Sickles Co Electronic Specialties	199-MPD-45 21781-P-50	1950		
TS-355/UP	Harvey-Wells Elec	NOas 7871			
TS-355A/UP	Hazeltine Electronics " "	N383s-8023 N383s-8152			
TS-358/UP	Radio Corp of Amer	NXsr 5921	1945		
TS-359/U	Radio Corp of Amer General Electric	NXsr 5921 704-MPD-45	1945		



NOMENCLATURE	SUPPLIER	CONTRACT NUMBER	YEAR	UNITS	SPECIFICATIONS
TS-359A/U	Press-Wireless	AF33(038)7855	1950		
	" "	AF33(038)15832			
	General Electric	1614-MPD-45			
TS-361A/U	Coast Industries Inc	AF33(038)26221	1951		
	Munston Mfg Co	AF33(038)13139			
	Molded Insulation	AF33(038)3743			
TS-362/ASG-10	Magnavox Co	NOas 6217			
TS-363/U	Bendix Radio	W-28-004-SC-639			
	" "	2612-MPD-44			
	Telectro Ind Inc	4721-PH-49			
TS-363A/U	Telectro Ind Inc	4721-PH-49			
TS-364/APX-15	Wing Mfg Co	2139-DAY-45-RA			
TS-365/CT	Conn Tele & Electric	10899-P-54-53			
	Graybar	47895-PH-45			
	Western Electric Co				
TS-366A/TPS-10	Zenith Radio	5000-DAY-45GR			* MIL-D-4767B
TS-366B/TPS-10	Munston Mfg Co	AF33(038)12588			
TS-366C/TPS-10	Artisan Electronics	AF30(604)12134			MIL-D-4767
TS-375/U	Weston Electrical	NObsr 30009			* MIL-V-18196
	" "	NXsa 2923			
	" "	48-933			
	" "	AF47-2076E			
TS-375A/U	Jetronic Industries	N383(s)70996			
	Weston Electrical	NOas 9616			
	" "	NOas 9402			
TS-378/UP	Gisholt Machine Co	N383s-8630			
	Bernard Rice & Sons				
	Kings Microwave Co				
	Radiation Labs				
TS-379/U	Western Electric Co	2674-PH-44			
	" " "	19235-P-45-10			
TS-379A/U	Western Electric Co	11918-Phila-48	1948		
TS-379B/U	Western Electric Co	20586-Phila-49-7	1950		
TS-380/U	Western Electric Co	1319-MPD-45			
	" " "	2674-MPD-44			
	" " "	2674-PH-44			

NOMENCLATURE	SUPPLIER	CONTRACT NUMBER	YEAR	UNITS	SPECIFICATIONS
TS-380A/U	Western Electric Co	20586-Phila-49	1950		
TS-382A/U	Hewlett-Packard	W-33(038)AC15148			* MIL-A-4291B
	Specialty Packing Co	AF33(038)7516			
	" " "	AF33(038)26089			
	" " "	AF33(038)15831			
	Gray TV & Research	AF10290			
	" " " "	AF12984			
TS-382B/U	Gray TV & Research	AF33(038)12984	1950		
	" " " "	AF33(038)10290			
TS-382C/U	Specialty Packing Co	AF33(038)26089	1951		MIL-A-4291
	Travler Radio Corp	AF33(038)29558	1951		
TS-382D/U	Travler Radio Corp	AF33(038)29558	1951		MIL-A-4291
TS-382E/U	Carol Electronics	AF33(604)8566			MIL-A-4291
	" "				(E) MIL-T-945A
TS-382F/U	Teitelbaum & Sons				
	Taffet Electronics		1960	2515	MIL-A-4291
TS-383/GG	Teletype Corp	NObsr 42423			
	" "	6947-PH-45			
	" "	16534-PH-44			
TS-383A/GG	Teletype Corp	NObsr 42423			
	" "	9715-Phila-48			
TS-383B/GG	Teletype Corp				
TS-384/TSM					MIL-D-12617
TS-389/U	Hickok Electrical Inst				
TS-399/U	Western Electric Co	2674-PH-44			
TS-399A/U	Western Electric Co	11918-Phila-48	1948		
TS-400/U	Western Electric Co	2674-PH-44			
TS-401/U	Western Electric Co	2674-PH-44			
TS-402/U					* MIL-A-13252
	Munston Mfg Co	19437-P-50			
	Western Electric Co	2674-PH-44			
TS-402A/U	Western Electric Co	2674-PH-44			MIL-A-13252
	Daven Co	20620-PH-49			
TS-403()/U	Hewlett-Packard	NOas 9213			
	" "	NXsa 9543			

NOMENCLATURE	SUPPLIER	CONTRACT NUMBER	YEAR	UNITS	SPECIFICATIONS
TS-403/U	Federal Mfg & Eng	NOa(s)12297	1950		
	Hewlett-Packard	NXsa 9543	1947		
	" "	NOa(s)9213	1947		
TS-403A/U	Hewlett-Packard	N383S-45739	1951		
	" "	N383S-74507			
	" "	N383S-74917			
TS-403B/U	Transitron Inc	N383s-14103A			MIL-T-18197
TS-406/UP	Presto Recording	NOas 6676			
TS-407/AMQ-2	Bendix Aviation Corp	55444-P-45-09			
	" " "	PR-45-5103			
TS-411/CPS-4	General Electric	944-MPD-44			
TS-413/U	Cole Instrument Co	AF33(038)10441	1950		
	Harvey-Wells Elec	AF33(038)15465	1950		
	" " "	AF33(038)13162			
	" " "	AF33(038)771			
TS-413A/U	Harvey-Wells Elec	AF33(038)13162	1950		
TS-413B/U	Cole Instrument Co	AF33(038)10441			
TS-413C/U	Stamford Electronics	33(038)27604	1951		
TS-414/U	Mercury Electric Co	AF33-038-13036	1950		
	" " "	50-4412	1950		
	" " "	AF33-038-3169	1949		
	Elec Measurements Co	W33-038-ac-18093			
	Hudson-American Corp	33042-SC-2687			
	" " "	4081-DAY-45CE			
TS-415/U	Clough-Brengle Co	NXsr 37247			
	" " "	NXs 4516	1943		
	" " "	NXs 16844			
TS-415B/U	Solar Mfg Corp				
TS-415C/U	Clough-Brengle Co	11901-Phila-47-77			
TS-418/U	Lavoie Labs	NOa(s)9766			
	Boonton Radio Corp	NXsa 8669			
	Lewyt Mfg Co				
TS-418A/U	Lavoie Labs	NOas 9766			
TS-418B/U	Lavoie Labs	N383s-57446			
	" "	N383s-57474			
	" "	N383s-57475			
	" "	N383s-59384			
	" "	N383s-59786			
	" "	N383s-60282			

NOMENCLATURE	SUPPLIER	CONTRACT NUMBER	YEAR	UNITS	SPECIFICATIONS
TS-418C/U	Lavoie Labs	N383s-29602			MIL-G-17995
TS-419/U	Technicraft Corp	NOa(s)12279	1950		
	Aircraft Radio Corp	NOa(s)9748	1948		
	" " "	NXsa 13617			
TS-419A/U	Transitron Electronics	N383s-16939A			MIL-G-17994
TS-420/U	Western Electric Co	32552-PH-45			
TS-420A/U	Western Electric Co	14047-Phila-48	1948		
	" " "	14685-Phila-48			
TS-420B/U	Western Electric Co	10218-Phila-49	1949		
TS-421/U	Hewlett-Packard	15389-Phila-45-10			
	" "	23938-P-45			
TS-421A/U	Hewlett-Packard	15389-PH-45-10			
	" "	15792-PP-62	1962		
TS-423()/TPQ-3	Amie Associates	2717-MPD-45			
TS-430/U	Weston Electrical				
TS-432/U	Ferris Instrument Co				
TS-433/U	Dubrow Development Co	10172-Phila-50-2			MIL-E-11702B
	Marine View Elec Co				MIL-E-11702A
	DuMont Labs				
TS-433A/U	DuMont Labs	NObsr 43327			
TS-433B/U	Dubrow Development	10172-Phila-50-2			MIL-E-11702A
	" "	AF14589	1950		
TS-434/UP	Western Electric Co	2019-CEGSA-45			
TS-443/U	Weston Electrical				
TS-446/U	Bell Sound Systems Inc	AF33(038)25693			
	Star Measurements	48-3138			
TS-447/U	Hickok Electrical Inst				
TS-448/U	Radio Corp of Amer				
TS-452/U	Thermionic Eng Co	AF33-038-48-1179	1948		* MIL-G-4933A
	" " "	AF33-038-ac-19129	1947		
	Lewyt Mfg Co	W-33-038-AF-428	1948		
	Reiner Elec Co	W28-099-ac-39			



NOMENCLATURE	SUPPLIER	CONTRACT NUMBER	YEAR	UNITS	SPECIFICATIONS
TS-452A/U	Lewyt Mfg Co	AF14247	1950		
	" " "	AF34455	1949		
	" " "	AF428	1948		
	Fairchild Camera	W33(038)ac21185	1948		
TS-452B/U	Lewyt Mfg Co	AF33(038)12239	1950		
	" " "	33(038)50-4168	1950		
	" " "	33(038)6195	1949		
	" " "	W33(038)ac-428			
TS-452C/U	Lewyt Mfg Co	AF33(604)9317	1954		
	" " "	AF33(604)8704	1953		MIL-S-4933
	Dubrow Development		1950	799	
TS-453/U	Press Wireless	AF33(604)10826			
	" "	AF33(604)7933			MIL-V-4696
	" "	AF33(038)8163			
	" "	AF33(038)49-1722			
TS-456/CRN-1A	Wells-Gardner Co	4135-DAY-45	1945		
	" " "	998-DAY-45			
	" " "	4013-DAY-45			
	" " "	4017-DAY-45			
TS-457/U	Radio City Products				
TS-460/U	General Radio Co	NObsr 44624			MIL-B-3694
	" " "	14338-PH-44			
	" " "	17176-PH-43			
TS-460/U(OJ-3)	General Radio Co	NObsr 30123			
TS-460A/U	Brown Engineering	11048-Phila-47			
TS-460B/U	Brown Engineering	11048-PH-47			
	" "	7029-PH-48			
TS-460C/U	Brown Electro-Meas				
TS-460D/U	Model Eng & Mfg Inc	37227-PH-53-34(51)			MIL-B-3694
TS-462/U	Ferris Instrument Co				
TS-465/U	Hickok Electrical Inst				
TS-465A/U	Hickok Electrical Inst	14598-PH-48	1949		
TS-465B/U	Hickok Electrical Inst				
	Espey Mfg Co	24508-PH-49-7			
TS-477/APN-19	United Cinephone Corp	2256-DAY-45AR			
TS-479/U	Radio Receptor Corp				

NOMENCLATURE	SUPPLIER	CONTRACT NUMBER	YEAR	UNITS	SPECIFICATIONS
TS-480/U	General Radio Co " " "	11046-PHILA-47-77 25425-PHILA-49-2			MIL-F-3304
TS-481/U	Radio Corp of Amer	8501-P-48			MIL-F-10127
TS-487/U	Meridian Inc Columbus Electronics Maguire Industries	N-383s-8029 N383-32294A			* MIL-V-18195
TS-488/UP	Fairchild Camera " " " " " " Aeromotive Equipment " " Bell Telephone Labs	AF33(038)16280 W33-038-ac-21315 AF12479 AF33(038)ac-21185 AF33(604)14685 AF33(600)21642	1950 1948		
TS-488A/UP	Aeromotive Equipment	AF33(600)21642	1954		MIL-C-4999A
TS-489/U	Radio Corp of Amer				
TS-497/URR	Measurements Corp Jetrronics Industries	2429-MPD-45 39140-PP-58-A3-A3	1959		MIL-S-10262
TS-497A/URR	Elec Measurements Corp " " " Daven Co " "	11968-Phila-49 2429-MFD-45 11968-Phila-49 2429-MFD-45			
TS-497B/URR	Daven Co				MIL-S-10262
TS-501/UP	Barlow Electrical Mfg " " " Hazeltine Electronics " " " " Midwest Eng Dev Western Electric	NObsr 42428 NObsr 39218 NObsr 42428 NObsr 39218 NObsr 63481 NObsr 49086	1948 1947 1948 1947		
TS-501A/UP	Midwest Eng Dev	NObsr 49086			
TS-505/U	Specialty Packing Co	23493-PHILA-49-7			* MIL-M-55088 MIL-M-3138
TS-505A/U	Phaotron Co	35750-P-53-34-41			MIL-M-3138A
TS-505B/U	Northeastern Eng Inc	24834-PHILA-55			MIL-M-3138
TS-505D/U	Anton Electronics Labs	55998-P-57-56(31)			MIL-M-3138A
TS-506/U	Solar Mfg Co				
TS-506A/U	Solar Mfg Co				

NOMENCLATURE	SUPPLIER	CONTRACT NUMBER	YEAR	UNITS	SPECIFICATIONS
TS-508/UP	Davies Labs Seaboard Electric	NOa(s)8807 NOas-51-1113			MIL-T-7144
TS-509/UR	Harvey-Wells Elec Hoffman Radio Corp	NOa(s)10404 NObsr 30036			* MIL-F-18198
TS-510/U	General Electric Hewlett-Packard " " Hoffman Radio Corp	NOa(s)10205 NOas 53-8531 NOas 53-853 NObsr 30036			MIL-G-7702 (AER)
TS-510A/U	Hewlett-Packard " "	N383-33733A N383-36708A			MIL-G-7702A
TS-514/U	DuMont Labs				
TS-518/U	Weston Electrical				
TS-520/U	Hickok Electrical Inst	1035-PH-44			* MIL-T-25181
TS-522/CRT-3	John Meck Ind Inc Nilsson Electrical Yellow Springs Inst	AF33(604)14621	1953		
TS-525/ARN	Bell Telephone Labs Western Electric	NXsr 38866			
TS-527/U	Western Electric " "	W3434-SC-198 W28003-SC-933			
TS-535/U	Hewlett-Packard " " Waterman Products Co	NObsr 39384 NXsr 84980 NObsr 81510	1947 1944		* MIL-S-15961A MIL-S-15961A MIL-S-15961A
TS-535A/U	Waterman Products Co Hewlett-Packard " "	NObsr 81510 NObsr 63078 NObsr 52305	1961 1952 1951		MIL-S-15961A MIL-S-15961 MIL-S-15961
TS-537/TSM	Radio Frequency Labs " " " " " "	11698-PHILA-50-7 6863-PH-51-04 3422-PH-52-04	1953		* MIL-T-12628
TS-538/U	Allen D Cardwell " " " " " " " " "	11383-PH-47-77 11383-PHILA-47 7078-PHILA-48 9158-PHILA-49			MIL-T-10151
TS-538A/U	Allen D Cardwell	16815-PH-51-05			MIL-T-10151

NOMENCLATURE	SUPPLIER	CONTRACT NUMBER	YEAR	UNITS	SPECIFICATIONS
TS-538B/U	General Electric	3136-PH-51-05			MIL-T-10151
	Allen D Cardwell	7078-PHILA-48			
	" " "	9158-PHILA-49			
	" " "	11383-PHILA-47			
TS-538C/U	Cardwell Mfg Co	15903-PH-55-53			MIL-R-0010159C
TS-541/TPS	Sylvania Electric Co	W28-099-ac-182	1948		
	Espey Mfg Co	AF33(038)7949			
	" " "	W33-038-ac-7949			
TS-544/UP	Johnson Service Co	W28-099-ac-181	1946		
TS-545/UP	Johnson Service Co	NObsr 52404	1951		* MIL-E-15741B
	" " "	NObsr 52092	1950		
	" " "	NObsr 49254	1950		
	" " "	NObsr 49089	1950		
	" " "	NObsr 43457	1949		
	" " "	NObsr 42382	1948		
	" " "	NObsr 39392	1947		
	Raytheon				
TS-550/G	Western Electric Co	24505-PH-49			MIL-C-12572
	" " "	25694-PH-53-34			
TS-555/GMQ-2	General Electric Co	NXsr 69262	1946		
TS-557/FT	Western Electric Co				
TS-558/FT	Western Electric Co				
TS-559/FT	Western Electric Co	NObsr 40864	1948		
	" " "	NObsr 40675			
TS-559A/FT	Western Electric Co	NObsr 40675			
	" " "	NObsr 40864			
	Daven Co	19673-PHILA-49			
TS-559C/FT	Daven Co	4394-PP-60-A3-A3	1959		
TS-559D/FT	Taffet Electronics	4472-PP-60	1960		
TS-559E/FT	Electro Mechanical	NOm 72445	1962		
TS-560/FT	Western Electric Co				
TS-563A/FT	Western Electric Co	12688-PHILA-47	1947		
TS-566/FT	Technical Labs Inc	24648-PH-49			* MIL-B-12630
	Western Electric Co				
TS-566A/FT	Tech Labs Inc	24648-Ph-49	1949		



NOMENCLATURE	SUPPLIER	CONTRACT NUMBER	YEAR	UNITS	SPECIFICATIONS
TS-568/FT	Western Electric Co				
TS-569/FT	Western Electric Co				
TS-570/FT	Western Electric Co				
TS-571/FT	Western Electric Co				
TS-573/UP	Radio Corp of Amer	NObsr 52327	1952		MIL-C-15539
	" " " "	NObsr 39313	1950		
TS-573A/UP	Emerson Radio	NObsr 64799			
TS-573B/UP	Radio Corp of Amer	NObsr 71710			
TS-573C/UP	Radio Corp of Amer	NObsr 81099			
TS-574/U	Measurements Corp				
TS-577/FG	Western Electric Co				
TS-577A/FG	Western Electric Co	4696-PH-52-04	1953		
TS-578/U	Technical Labs General Radio Co				
TS-578A/U	Brown Engineering	11048-PH-47			
TS-578B/U	Technical Labs	19612-Phila-49	1954		
TS-579/U	Radio Corp of Amer Seaview Electric Corp " " "	15688-PH-50-7 21596-PH-50-6			MIL-M-13091
TS-579A/U	Seaview Electric Co	15688-PH-50-04(NY)			
TS-580/U	General Radio Co	23639-P-49-2			
TS-580A/U	General Radio Co	4415-PP-60-A3-A3	1961		
TS-582/U	General Radio Co	NXs 62333			
TS-583/U					* MIL-G-13214A
	Artisan Electronics Hewlett-Packard	3599-Phila-52 NObsr 40847			
TS-583A/U	Lavoie Labs	11021-Phila-48			
TS-583B/U	Artisan Electronics Lavoie Labs	3599-Phila-52 11021-Phila-48			
TS-584B/U	Esterline Angus Co	24757-Phila-49			
TS-585/U	Daven Co General Radio Co	3517-PHILA-52-04-(61)			

NOMENCLATURE	SUPPLIER	CONTRACT NUMBER	YEAR	UNITS	SPECIFICATIONS
TS-585A/U	Daven Co	7028-PHILA-48-77	1948		
TS-585B/U	Reiner Elec Co	13517-PHILA-49	1949		
TS-585C/U	Reiner Elec Co Cooper Electronics Daven Co	3517-PH-52-04-(61)	1953		MIL-M-13130 MIL-M-13130
TS-585D/U	Cooper Electronics	50884-PP-57-A3-A3			MIL-M-13130
TS-586/U	Western Electric Co	4363-DAY-45	1946		
TS-587/U	Stoddart Aircraft " "	NObsr 39272 NObsr 30200	1947 1946		
	" "	NObsr 30140	1946		
	" "	NObsr 30088	1946		
	" "	NObsr 39131			
TS-587A/U	Stoddart Aircraft " "	NObsr 30088 NObsr 30140	1946 1946		
TS-587B/U	Stoddart Aircraft " "	NObsr 71131 NObsr 39272	1956		SHIPS-F-2102
TS-588/U	Clough-Brengle Co General Radio Co	21755-PHILA-49			
TS-588A/U	Clough-Brengle Co	21755-PHILA-49			
TS-589/U	General Radio Co				
TS-590/U	Radio Corp of Amer				
TS-592/UPM-15	Lavoie Labs " " Stamford Electronics	AF33(038)48-3246-E W33-038-ac-13685 AF33(600)21783			MIL-P-6324
TS-592A/UPM-15	Stamford Electronics	AF33(600)21783	1953		MIL-P-6324
TS-598/U	Automatic Electric Akeley Camera & Inst	1211-DAY-45-SF AF33(038)13738			MIL-P-5177
TS-598A/U	Elk Electronic	AF33(600)5236	1951		MIL-P-5177
TS-604/U	Phaostron Co	AF33(038)9791			* MIL-R-4329
TS-604A/U	Shaw TV Corp	AF33(600)17785			MIL-R-4329
TS-605/U	Phaostron Co	AF33(038)21750			MIL-R-5159
TS-606/U	Rollin Co	AF33(038)6356	1949		
TS-609()/U					* MIL-S-10483

NOMENCLATURE	SUPPLIER	CONTRACT NUMBER	YEAR	UNITS	SPECIFICATIONS
TS-611/FG	Western Electric Co	NObsr 43375			
TS-611A/FG	Western Electric Co Maspeth Radio & TV	NObsr 43375 3050-PH-52	1953		
TS-611B/FG	Western Electric Co	NObsr 75830	1959		
TS-611C/FG	Western Electric Co	15808-PP-62-A3-A3	1962		
TS-612/FG	Western Electric Co				
TS-615/U	General Radio Co " " "	NObsr 40865 25660-Phila-54-53(31)	1951 1955		
TS-615A/U	Hewlett-Packard	18737-Phila-49	1949		
TS-615B/U	Hewlett-Packard	24852-Phila-55			
TS-616/U	Precision Apparatus				
TS-617/U	Boonton Radio Corp Polartron Inc		1952 1963		
TS-617A/U	Boonton Radio Corp	19655-Phila-49-7	1952		
TS-617B/U	Crescent Commun Corp Alpha Instrument Co Benmar Mfg Co	15597-Phila-55-53			MIL-M-10194 MIL-Q-10194 MIL-Q-10194A
TS-618/U	A W Barber Labs Pilot Radio	37912-PH-53-34(61)			MIL-M-11271
TS-619/U	General Radio Co				
TS-620/U	General Radio Co		1954		
TS-620A/U	Telectro Ind Inc	13535-Phila-48	1948		
TS-621/U	Polytechnic Res & Dev	NOa(s)9156			
TS-621A/U	Hewlett-Packard	N383-32823A	1956		MIL-G-7141
TS-621B/U	Hewlett-Packard	N383(24-383)46470A			MIL-G-7141 (AER)
TS-621C/U	Van Norman Ind Inc	N383()60516A	1960		MIL-G-7141A
TS-621D/U	Nuclear Electronics	N383(24-MIS)66291A-266	1961		MIL-G-7141A
TS-622/U	Polytechnic Institute Polarad Electronics	NOas 9156 NOas 51-1179			MIL-G-7142
TS-622A/U	Cosmos Industries	N393(393-MIS-24)60764	1962		MIL-G-7142A

NOMENCLATURE	SUPPLIER	CONTRACT NUMBER	YEAR	UNITS	SPECIFICATIONS
TS-629/U	Daven Co	NObsr 30166	1946		
TS-629A/U	Reiner Elec Co	NObsr 57509	1952		MIL-A-17045
TS-629B/U	Reiner Elec Co Daven Co				MIL-A-17045
TS-629D/U	Daven Co	41282-PN-63	1963		
TS-635/UP	Washington Institute	NXsr 88850			
TS-639/U	PRD Electronics	W-28-099-ac-190	1948		
TS-641/U	Polytechnic Institute	W-28-099-ac-190	1948		
TS-642/U	General Commun Co " " "	NObsr 43172 NObsr 52261			MIL-T-15477
TS-643/AMQ-2A	Bendix Aviation Corp " " " " " "	55444-PH-45 7668-P-47-77 7668-PH-47			
TS-647()/U					* MIL-B-11664
TS-652/GG	Teletype Corp	NObsr 39217			
TS-653/APG	Winslow Co " " Federal TV Corp Monument Eng Co	49-1845 AF33(038)49-1845 AF33(038)5232 AF33(038)9773	1948		MIL-S-9019
TS-653A/APG	Monument Eng Co	AF33(038)9773			
TS-656/U	Roflan Co	21516-PH-56-56(31)			MIL-M-11538
TS-658/UG	Teletype Corp " " " " " " " "	NObsr 64724 NObsr 57118 NObsr 42431 NObsr 71285 W.O.900-79776	1955 1952 1948 1948		
TS-659/UG	Teletype Corp " " " " " " " "	NObsr 71301 NObsr 64754 NObsr 57204 NObsr 52244 NObsr 42388	1956 1955 1952 1951		
TS-665/U	General Radio Co	NObsr 39345			
TS-666/AP	Western Electric Co " " " " " " " " "	AF33(038)11218 AF33(038)14537 AF33(038)27326 W33(038)-ac-15018	1950		



NOMENCLATURE	SUPPLIER	CONTRACT NUMBER	YEAR	UNITS	SPECIFICATIONS
TS-666A/AP	Telectro Ind Inc	AF33(604)6331			
TS-667/AP	Western Electric Co	AF33(038)11218	1950		
	" " "	AF33(038)14537			
	" " "	AF33(038)27326			
	" " "	W33(038)-ac-15018n			
TS-667A/AP	Specialty Assby & Pkg	AF33(604)5860	1953		
TS-671/U	Radio Frequency Labs	NObsr 42100			
TS-672/U	Radio Frequency Labs	NObsr 52269			MIL-T-15559A
	" " "	NObsr 42100			
TS-672A/U	Radio Frequency Labs	NObsr 52269			MIL-T-15559A (SHIPS)
TS-679/U	Shallcross Mfg Co Espey Mfg Co	24630-PH-49-7	1950		MIL-R-11704
TS-679A/U	Shallcross Mfg Co	39142-PH-53-34-(31)			MIL-R-11704
TS-682/GSM-1	Espey Mfg Co Radio Frequency Labs	24630-PHILA-49-7			MIL-R-11656A
TS-682A/GSM-1	Dubrow Development	35720-PH-53	1954		MIL-11656A
TS-683/TSM	Radio Frequency Labs	14211-PHILA-51	1951		MIL-C-10479
	" " "	DA 36-039-sc-5608	1951		MIL-C-10479
	Industrial Inst Inc		1962	126	
	Shallcross Mfg Co	25033-PHILA-54-53			
TS-683A/TSM	Shallcross Mfg Co	25033-PHILA-54-53			MIL-C-10479
TS-683B/TSM	Industrial Inst Inc	15506-PP-63-A3	1963		MIL-C-10479A
TS-684/URM-30	Hoffman Radio Corp	AF33(038)5603			MIL-A-5338(USAF)
TS-685/APN-5	General Electric Co	NOas 10174			
TS-688/U	PIB Products Inc	W33-038-ac-13848	1950		
TS-695/FTM	Automatic Electric	10267-PH-47-77			
TS-696/UPM-11	Sperry Gyroscope Co	W33(038)ac6256			
TS-696A/UPM-11	Sperry Gyroscope Co				(E) MIL-T-945
TS-698/FTM	Automatic Electric	10267-PH-47-77			
TS-699/FTM	Automatic Electric	10267-PH-47-77	1949		
TS-700/PT	Automatic Electric	10267-PH-47-47			
TS-701/ASQ	Radio Frequency Labs	NOa(s)12219			MIL-T-5486A(AER)

NOMENCLATURE	SUPPLIER	CONTRACT NUMBER	YEAR	UNITS	SPECIFICATIONS
TS-701/ASQ	Radio Frequency Labs	NOa(s)12219			MIL-T-5486A(AER)
TS-703/UF	General Radio				* MIL-T-10695A
TS-705/U	Radio Corp of Amer	21777-PHILA-50-2			
TS-706/UP	Western Electric Co	W-30(069)4480			
TS-707/U					* MIL-T-11649
TS-708/FRC-10	Western Electric Co	12619-PHILA-47	1950		
TS-710/TSM	Skiatron Electronics	90142	1962	139	MIL-T-12333A
	Industrial Inst Inc		1963	21	
	Burnell & Co		1954	118	
	Radio Frequency Labs	DA-36-039-SC-5474			MIL-T-12333
	" " "	9478-PH-51-91			MIL-T-12333
	J H Bunnell	21229-PH-54-53(31)			MIL-T-12333
TS-712/TCC-11	Designatronics	4933-PP-61-A3-A3			MIL-T-10621A
TS-712A/TCC-11	Winslow Elec Inc	4488-PP-61-A3-A3	1962		MIL-T-10621
TS-713/U					* MIL-S-4927B
	Airborne Inst Lab Press Wireless	AF33(038)28829	1951		
TS-713A/U					
	Airborne Inst Lab Press Wireless	AF33(038)28829 AF33(604)12437	1951		MIL-S-4927
TS-715/FTC	North Electric Co				
TS-716/U	Shallcross Mfg Co				* MIL-T-12242
TS-723/U	Sentinel Labs	82281	1960	1100	MIL-A-12067A
	Daven Co				
	Hewlett-Packard	2695-PH-52-04			
TS-723A/U	Hewlett-Packard	47515-PH-56	1956		MIL-A-12067
TS-723B/U	Daven Co	39129-PP-58-A3-A3	1959		
TS-723C/U	Sentinel Labs Inc	4530-PP-60-A3-A3	1961		MIL-A-12067A
TS-724/SAC	Webster-Chicago				
TS-725/TTQ	Emerson Radio	39170-PH-51-93			
TS-737/U					
	Federal TV Corp Burlington Inst Co	3024-PH-52-04 28669-PH-55			MIL-T-11455 MIL-T-11455
TS-737A/U	Burlington Inst Co	28669-PHILA-55	1956		MIL-T-11455
TS-738/UPM-11A	Sperry Gyroscope Co	W33(038)ac22237	1951		

NOMENCLATURE	SUPPLIER	CONTRACT NUMBER	YEAR	UNITS	SPECIFICATIONS
TS-738A/UPM-11A	Capehart-Farnsworth	AF33(038)5819	1953		
TS-739/UPM-10	Gen Communications	NObsr 49223			
TS-739A/UPM-10	Gen Communications	NObsr 49223			
TS-739B/UPM-10	Lewyt Mfg Co	NObsr 59929			
TS-745/APM-66	Van Norman Ind Inc	N383-60769A			* MIL-T-22065
	Raytheon	NOas 51-432			(E) MIL-T-945A
	"	NOas 52-838			
TS-746/APM-66	Raytheon-Waltham	NOas 52-838	1954		(E) MIL-T-945A
	" "	NOas 51-432	1954		(E) MIL-T-945A
TS-750/URM	Feiler Eng Co	NOas 51-1222F			MIL-D-7018
TS-751/U	Hickok Electrical Inst	13211-PH-53-91			
TS-752/ASB-1	Norden Labs	NOrd 9866			* MIL-T-17642
	Philco Corp				
TS-765/U	E Edelman & Co	39170-PH-53-34	1953		MIL-H-12240
TS-776/U	Hickok Electrical Inst	13605-PH-53-93			MIL-T-12400
TS-779/U	Hewlett-Packard Co	35284-PHILA-56-56(51)	1956		
	Sperry Gyroscope				
TS-779A/U	Hewlett-Packard	4463-PP-61-A3-A3	1961		
TS-784/PD	El-Tronics Inc	3344-PH-52-02			
TS-784A/PD	Landsverk Electrometer	4385-PP-60-A3-A3	1960		
TS-785/GG	Western Electric Co	32213-P-53-34			
TS-805/U	General Radio Co	16884-PHILA-44			
TS-805A/U	General Radio Co				
TS-805B/U	Electronic Brazing	4305-PP-60-A3-A3	1959		
TS-805C/U	Mercury Electronics	4475-PP-61-A3	1961		
TS-805D/U	Electronic Brazing	15522-PP-62-A3-A3	1962		
TS-806/U	Berkeley Scientific	20266-PH-57			
TS-810/U	DuMont Labs	NOa(s)52-715c			* MIL-C-8666A
TS-816/U	Maspeth Radio & TV	38270-PH-53-34			
	Western Electric Co				

NOMENCLATURE	SUPPLIER	CONTRACT NUMBER	YEAR	UNITS	SPECIFICATIONS
TS-822/U	Precision Associates	3597-PH-52-04-61			
TS-873()/U					* MIL-T-55014
TS-890A/URN-3	Fed Tele & Radio Co	NObsr 81169	1960	134	
	" " " " "	NObsr 64767			MIL-R-19851
	" " " " "	NObsr 75066			
TS-890B/URN-3	International Tel & Tel	NObsr 81169	1960		MIL-R-19851
TS-890C/URN-3	Hoffman Electronics	NObsr 81604	1961		MIL-R-19651
TS-891/URN-3	Olympic Radio & TV	NObsr 75305		56	MIL-T-18428
	" " " "	NObsr 64757			
	Electronic Assist Corp	NObsr 75696	1958	84	
TS-897/U	Insuline Corp of Amer	AF33(604)7813	1954		MIL-T-26247
	" " " "	AF33(604)14074			MIL-D-4629A
	Van Norman Ind Inc				MIL-T-26247
TS-907/ULR	Internat'l Electric	NObsr 87185	1961		MIL-T-23267
	Collins Radio Co	NObsr 85379	1961	17	
	" " "	NObsr 64625			
TS-909/PPM	Dynatron Elec Corp	89553	1961	206	
	G E-Syracuse	13604-PH-53-93		179	
	Monmouth Electric Co				
TS-911/U	Sperry Gyroscope Co	NOrd 15924	1955		MIL-R-18669
TS-912/U	IBM Corp	NObsr 63254	1955		
TS-914/U	Winslow Co				
TS-917/GM	Stelma Inc				
TS-934/U	Winslow Co				
TS-963/GSQ	Adler Commun Labs	28590-PHILA-55-55(31)	1955		
TS-965/U	Crown Ind Prod Co				
	Martindale Electric	24416-PC-61-A3-51	1962		



NOMENCLATURE	SUPPLIER	CONTRACT NUMBER	YEAR	UNITS	SPECIFICATIONS
TS-969/U	Electronic Brazing	N383-76562	1962		
	" "	N383-60503A	1959		
	" "	N383(17)54535A	1958		
	Loral Electronics	NOas 55-766			MIL-S-18437
TS-971/G	Motorola Inc				
TS-972/UP	General Electric				
TS-974/U	Motorola Inc				
TS-983/U	Bridge Electronics	3399-PP-59-A3-A3	1959		
TS-1053/G	Bendix Corp				
TS-1060/GG	Bridge Electronics	91304	1962	126	
	Stelma Inc	31080-PH-57	1957		
TS-1060A/GG	Stelma Inc	DA-36-039-SC-76479	1958		
	" "	03319-PP-58			
	" "	NObsr 81423	1958		
TS-1060B/GG	Stelma Inc	02872	1963	103	
	Bridge Electronics	15693-PP-62-A3-A3	1962		
TS-1065/APH	Autonetics				MIL-T-25774
TS-1072/TFM-3	Rush Instruments Co	32134-PH-57-43(31)	1957		
TS-1078/G	Monmouth Electric Co	5003-PP-61-B4-B4			MIL-T-55089
TS-1079/G	Monmouth Electric Co	5003-PP-61-B4-B4			MIL-T-55092
TS-1080/G	Monmouth Electric Co	5003-PP-61-B4-B4			MIL-T-55091
TS-1086/U	Sorenson & Co				
TS-1100/U	Philco Corp	NObsr 75329	1957		SHIPS-T-3070
	Sierra Electronics				

NOMENCLATURE	SUPPLIER	CONTRACT NUMBER	YEAR	UNITS	SPECIFICATIONS
TS-1194/U	Sigma Instrument Inc	4487-PP-60-A3-A3	1960		
TS-1194A/U	Sigma Instrument Inc		1959		
TS-1202/U	M C Jones Elec Co				
TS-1248/USM-99	Winslow Co	N600(A)42413	1959		
TS-1266/ASN-22	Lear Inc	4498-PP-60-A3-A3	1962		
TS-1267/ASN-22	Lear Inc	DA-36-039-sc-88292	1962		
TS-1268/ASM-68	Lear Inc	4916-PP-61-A3-A3	1962		
TS-1269/ASM	Lear Inc	4916-PP-61-A3-A3	1962		
TS-1271/ASN-22	Lear Siegler	DA-36-039-AMC-91490(E)	1962		
	" "	4498-PP-60-A3-A3	1961		
TS-1247/ASN-22	Lear Inc	4498-PP-60-A3-A3	1961		
TS-1275/ASN-23	Sikorsky Aircraft				
TS-1276/ASN-23	Sikorsky Aircraft				
TS-1285/URM-120	Sierra Electronics	NOas 59-0238	1962		
TS-1326/DSM	Army Ord	DA-30-069-ORD-1448			
TS-1333/U	Bendix Corp-Mishawaka	NOrd 18446	1959		
TS-1376/M	Army Ord	DA-36-034-ORD-2000			
	" "	DA-36-034-ORD-2013			
TS-1377/M	Army Ord	DA-36-034-ORD-2000			
	" "	DA-36-034-ORD-2013			
TS-1379/U	Panoramic Radio Prod	NObsr 75318			SHIPS-A-2906
TS-1380/T	Army Ord	DA-30-069-ORD-1448			
TS-1458/ARM-68	Admiral Corp	37039-PC-62-A3-51	1962		
TS-1467/URM-114	Sylvania Elec System	NObsr 77518	1961		MIL-R-16400
	" " "				MIL-C-22330
TS-1474/ARM-51	Collins Radio	DA-36-039-sc-78989			
	" "	18162-PC-61-A1-51			
TS-1516/M	Army Ord	DA-36-034-ORD-2000			
	" "	DA-36-034-ORD-2013			

NOMENCLATURE	SUPPLIER	CONTRACT NUMBER	YEAR	UNITS	SPECIFICATIONS
TS-1616/APS-104	AC Spark Plug	AF33(600)41974	1961		
TS-1624/ASM-57	Collins Radio				
TS-1625/ASM-57	Collins Radio				
TS-1626/ASM-57	Collins Radio	35412-PC-62-A3-51	1962		
TS-1627/ARM-57	Collins Radio	35412-PC-62	1962		
TS-1643/ASW-12(V)	Sperry Phoenix Co	41015-PZ-62-A3-41	1962		
TS-1644/ASW-12(V)	Sperry Phoenix Co	41015-PZ-62-A3-41	1962		
TS-1651/ASW-12(V)	Sperry Phoenix Co	41015-PZ-62-A3-41	1962		
TS-1652/ASW-12(V)	Sperry Phoenix Co	41015-PZ-62-A3-41	1962		
TS-1655/ASW-12(V)	Sperry Phoenix Co				
TS-1656/ASW-12(V)	Sperry Phoenix Co	41015-PZ-62-A3-41	1962		
TS-1657/ASW-12(V)	Sperry Phoenix Co	41015-PZ-62-A3-41	1962		
TS-1658/ASW-12(V)	Sperry Phoenix Co	41015-PZ-62-A3-41	1962		
TS-1659/ASW-12(V)	Sperry Phoenix Co	41015-PZ-62-A3-41	1962		
TS-1660/ASW-12(V)	Sperry Phoenix Co	41015-PZ-62-A3-41	1962		
TS-1661/ASW-12(V)	Sperry Phoenix Co	41015-PZ-62-A3-41	1962		
TS-1662/ASW	Lear Inc				
TS-1663/ASW-12(V)	Sperry Phoenix Co	41015-PZ-62-A3-41	1962		
TS-1668/ASM-125	Sperry Phoenix Co	41015-PZ-62-A3-41	1962		
TS-1700/ASN	Lear Siegler	DA-36-039-sc-90013	1962	20	
TS-1705/ASN-22	Lear Siegler	DA-36-039-AMC-91490(E)	1962		
	" "	4498-PP-60-A3-A3	1961		
TS-1706/APM-172	Burroughs Corp	AF33(600)40540	1961		
TS-1715/P	Continental Electronics				
TS-1738/ASW-12(V)	Sperry Phoenix Co	41015-PZ-62-A3-41	1962		
TS-1762/UPM-92	Hazeltine Electronics	AF33(600)40874	1962		
	" "	AF33(600)42699			
TS-1771/U	Sierra Electronics	NObsr 85569	1962		

NOMENCLATURE	SUPPLIER	CONTRACT NUMBER	YEAR	UNITS	SPECIFICATIONS
TS-2050/U	Hewlett-Packard	N600(24)60526	1963		
TV-2/U	Elion Instruments	90168	1962		MIL-T-10441C
	CBS Columbia Inc	DA-36-039-sc-36528			MIL-T-10441A
	" " "	11654-PH-52-93			MIL-T-10441B
	Triplet Electrical	14212-PH-51			MIL-T-10441
TV-2A/U	CBS Columbia Inc	DA-36-039-sc-36528			MIL-T-10441B
	" " "	11654-PH-52-93			
	Victoreen Inst Co		1958		MIL-T-10441B
TV-2C/U	Designers for Indust	4376-PP-61-A3-51	1961	1944	MIL-T-10441B
TV-3/U	Hickok Electrical Inst	NObsr 42081			MIL-T-15563A
	" " "	NObsr 43282			
TV-3A/U	Hickok Electrical Inst	NObsr 49238	1950		
	" " "	NObsr 43282	1949		
TV-3B/U	Hickok Electrical Inst	NObsr 52672	1950		
	" " "	NObsr 43282	1949		MIL-15563A(SHIPS)
	" " "	NObsr 57554			
TV-3C/U	Jetronic Industries	NObsr 59586			MIL-T-15562C
TV-6/U	Bendix Aviation	3577-Phila-52	1953		
	" "	MIPR 800-29236			
	" "	DA-36-039-sc-22211			
	" "	3577-Phila-52-04			
	Kelley-Koett Mfg Co				MIL-T-10790
TV-7/U	Hickok Electrical Inst	DA-36-039-sc-18521			MIL-T-11754
	" " "	3292-PH-52-04			MIL-T-12424
TV-7A/U	Forway Industries Co	28481-PH-55			MIL-T-12424A
	Sylvania Electric Co	25006-PH-54-53(31)			MIL-T-12424A
TV-7B/U	Hickok Electrical Inst				MIL-T-12424A
	Forway Industries Co	28481-PH-55			MIL-T-12424A
TV-7C/U	Stark Elec Inst Ltd				
TV-7D/U	Multi-Amp Electronics	01798	1963	3000	
TV-10/U	Forway Industries	NObsr 64838			(E) MIL-T-945A
	Jetronics Industries	NObsr 75721	1960		
TV-10A/U	J H Keeney & Co	NObsr 81409	1961		
	Hickok Electrical Inst	NObsr 71284			
	" " "	NObsr 71374			
TV-10B/U	Centronix Inc	NObsr 75157			
TV-10C/U	Forway Industries Co	NObsr 71761			MIL-T-15563D
	" " "				(E) MIL-T-945A



NOMENCLATURE	SUPPLIER	CONTRACT NUMBER	YEAR	UNITS	SPECIFICATIONS
TV-10D/U	Western Reserve Elec	NObsr 85308	1961		
TV-13A/U	Polarad Electronics " "	DA-36-039-SC-84846 4525-PP-61-A3-A3	1961		
ZM-3/U	Shallcross Mfg Co Soundscriber Corp	25455-PH-49			MIL-T-12636
ZM-3A/U	Shallcross Mfg Co North Amer Phillips	25455-PH-49 38769-Phila-53	1954		MIL-T-12636 MIL-T-12636
ZM-4/U	Leeds & Northrup " " " Shallcross Mfg Co " " " " " "	NObsr 49097 NObsr 39216 6870-PH-51 19629-PH-50 NObsr 52316	1950 1950		
ZM-4A/U	Winslow Elec Inc	23657-PH-49			
ZM-4B/U	Shallcross Mfg Co " " " " " " " " " Winslow Elec Inc Skiatron Electronics Industrial Inst Eng	NObsr 52216 6870-PH-51 19629-PH-50 NObsr 52316			MIL-B-3067 MIL-B-3067B
ZM-7/TSM	Continental Elec Mfg	8998-PH-47-77			MIL-T-2487
ZM-7A/TSM	Universal Elec Lab " " "	6946-PHILA-51-04 22524-PH-51			MIL-T-2487
ZM-7B/TSM	Albert Mfg Co	658-PHILA-54	1955		MIL-T-2487
ZM-11/U	Clough-Brengle Co " " " " " " " " " " " "	NObsr 63220 NObsr 59239 NObsr 52462 NObsr 49270 NObsr 43157	1953 1951 1951 1950 1948		MIL-B-15421 MIL-B-15421B
ZM-11A/U	Compudyne Corp	NObsr 87477		564 -6/8/62 554 -6/22/62	MIL-B-15421B
ZM-16/U	Winslow Elec Inc	35733-PH-53-34(61)			MIL-R-11764
ZM-16A/U	Dubrow Development Co	25014-PH-54-53(31)			MIL-R-11764
ZM-16B/U	Skiatron Electronics	4906-PP-61-A3-A3	1961		MIL-R-11764

NOMENCLATURE	SUPPLIER	CONTRACT NUMBER	YEAR	UNITS	SPECIFICATIONS
ZM-21/U					* MIL-0-13079
	Winslow Elec Inc	90141	1962	375	
	Columbus Electronics	3045-PH-52-04(NY)	1953		
	Interstate Mfg Co	28629-PHILA-44			
	" " "	29191-PHILA-43-52			
	" " "	31080-PHILA-43			
	" " "	34909-PHILA-43			
	Winslow Elec Inc	25722-PHILA-53-34(61)			
ZM-21A/U	Winslow Elec Inc	25722-PHILA-53-34(61)	1953		



### PART III

This section contains a tabulation of the test equipment listed in Part I but cross-referenced by Project SETE Equipment Type Headings. Thus, all the nomenclature items in this report are listed in this section by designators such as digital meters, oscilloscopes, and signal generators.

Each Equipment Type Heading is sub-divided into two categories. Category I contains those items which have status from Development through Standard (or Preferred) with the service specified. Equipments listed in Category II are presently being downgraded from Standard toward Obsolete.

	ARMY	AIR FORCE	BuSHIPS	BuWEPS Avionics or Ord.
Category I	Dev.	Dev.		
	Ltd-Prod	Tent-Std		
	Std-A	Std.	Std.	Pref.
Category II	Std-B	Alt-Std	Alt-Std	
	Std-C	Ltd-Std	Ltd-Std	Sup.
	Ltd-Std		Obs-nt	
	Obs.	Obs.	Obs.	Obs.





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AERONAUTICAL TEST EQUIPMENT

CATEGORY I

<u>Air Force</u>	<u>Army</u>	<u>Bureau of Ships</u>	<u>Bureau of Weapons</u>
AN/DJM-2	AN/AJM-1()		SB-517B/MPM
AN/DSM-64	AN/DSM-45		SB-518B/MPM
AN/GJQ-5	AN/DSM-46		TS-1380/T
AN/GPM-17	AN/DSM-46A		
AN/GWM-1	AN/DSM-48B		
AN/GWM-2A	AN/MPM-44A		
AN/GWM-4	AN/MPM-46A		
AN/GWM-5	AN/MPM-46B		
AN/GWM-6	AN/MSM-36		
AN/MRM-3	AN/MSM-43()		
AN/MSA-21	AN/MSM-43		
AN/TPQ-18	AN/MSM-54		
TS-1371/GWM-4	AN/TSM-13()		
	AN/TSM-21		
	AN/TSM-35		
	AN/TSM-36		
	AN/TSM-37		
	AN/TSM-38		
	AN/TSM-39()		
	AN/TSM-40()		
	AN/TSM-40		
	AN/TSM-41		
	AN/TSM-42()		
	AN/TSM-43()		
	AN/TSM-44()		
	AN/TSM-45()		
	AN/TSM-46		
	MX-1701A/DSM		
	OA-767A/DSM		
	OA-767B/DSM		
	OA-1176/DSM		
	OA-1579A/MPM-46		
	OA-1580/MPM-44		
	OA-1580A/MPM-44		
	OA-2208/DSM-46		
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	OA-2208B/DSM-46		
	OA-2241/T		
	OA-2287/DSM		
	OA-2288/DSM		
	OA-2416/DSM-46		
	OA-2431/D		
	OA-2516()/MSM-43		
	OA-2616/DSM		
	TS-745/APM-66		
	TS-1626()/ASM-57		
	TS-1627()/ASM-57		
	TS-1636()/APM-129(V)		
	TS-1655()/ASW-12(V)		
	TS-1662()/ASW		
	TS-1668()/ASM-125		



Aeronautical Test Equipment (cont'd)

CATEGORY II

AN/DJM-16	AN/MSM-4A	OA-1348/TPM-9
AN/DPM-11	AN/MSM-12	OA-1579B/MPM-46
AN/DRM-11	AN/MSM-38	OA-2953/M
AN/DSM-4	AN/MSM-45	OA-3084/M
AN/DSM-12	AN/MSM-48	SB-517/MPM
AN/DSM-12A	AN/MSM-49	SB-517A/MPM
AN/DSM-12B	AN/MSM-50	SB-518/MPM
AN/DSM-59	AN/MSM-56	SB-518A/MPM
AN/GPM-6	AN/TPM-9	TS-1053/G
AN/GPM-7	AN/TSM-34	TS-1074/G
AN/MPM-51	OA-1346/TPM-9	TS-1376/M
AN/MSM-4	OA-1347/TPM-9	TS-1516/M

AMMETERS

CATEGORY I

<u>Air Force</u>	<u>Army</u>	<u>Bureau of Ships</u>	<u>Bureau of Weapons</u>
IS-70	IS-139	IS-76	ME-3()/U
ME-29/U	ME-65()/U		
ME-32()/U	ME-176()/APN-129		
TS-200/CPM-4	ME-221()/U		
	ME-222()/U		
	TS-584()/U		

CATEGORY II

I-44	I-206-A	TS-75/U
I-54	I-206-B	TS-80/U
I-71-()	I-206-C	TS-199/CPM-4
I-139-()	IS-72	TS-283()/TRC-5
I-139	IS-184	TS-435()/UP
I-139-A	ME-3/U	

AMPLIFIER TEST EQUIPMENT

CATEGORY I

<u>Air Force</u>	<u>Army</u>	<u>Bureau of Ships</u>	<u>Bureau of Weapons</u>
AN/DJM-9	TS-97/TPS-1	AN/UPA-1B	
MX-2244/GRM-10	TS-580()/U		
	TS-1700()/ASN		

CATEGORY II

AN/GPM-13	AN/UPA-1A	TS-668/AP
AN/UPA-1	TS-92/AP	

ANALOG TO DIGITAL CONVERTERS

CATEGORY I

Air Force

Army

Bureau of Ships

Bureau of Weapons

AN/FSM-22  
CV-960/AYQ-1

CATEGORY II

CV-587/GX  
CV-588/GX

ANTENNA TEST EQUIPMENT (SETE 210/70)

CATEGORY I

Air Force

Army

Bureau of Ships

Bureau of Weapons

AN/APM-110  
AN/APM-127  
AN/APM-173

ARMAMENT & FIRE CONTROL TEST EQUIPMENT

CATEGORY I

Air Force

Army

Bureau of Ships

Bureau of Weapons

AN/APH-2  
AN/AWQ-2  
AN/GPM-20  
AN/GPM-23  
AN/MPM-54

AN/ASM-80()

CATEGORY II

AN/GPM-22  
AN/GWM-7  
AN/GWM-8A

ATTENUATORS

CATEGORY I

<u>Air Force</u>	<u>Army</u>	<u>Bureau of Ships</u>	<u>Bureau of Weapons</u>
TS-402A/U	CN-7()/URA-T1	CN-16/U	CN-16A/U
	CN-16/U	CN-16A/U	CN-45/UP
	CN-25()/UPA-1	CN-30A/U	
	CN-42/UP	CN-39A/U	
	CN-43/UP	CN-45/UP	
	CN-220/U	CN-87A/U	
	CN-318()/G		
	CN-407()/G		
	CN-408()/G		
	CN-491()/G		
	CN-492()/G		
	CN-533()/U		
	CN-713()/U		
	CN-795()/U		
	CN-802()/U		
	TS-402/U		

CATEGORY II

AN/URM-87	CN-87/U	TS-74A/UPM
CN-30/U	CN-258()/G	
CN-39/U	TS-74/UPM	

AUTOMATIC TEST EQUIPMENT (SETE 210/76)

CATEGORY I

<u>Air Force</u>	<u>Army</u>	<u>Bureau of Ships</u>	<u>Bureau of Weapons</u>
AN/GJQ-9			
AN/MSM-42			
OA-3707/GJQ-9(V)			
OA-3712/GJQ-9(V)			
OA-3883/GJQ-9(V)			
OA-3884/GJQ-9(V)			

AUTOPILOT TEST EQUIPMENT

CATEGORY I

Air Force

Army

Bureau of Ships

Bureau of Weapons

AN/ASM-70()  
MX-3719()/ASW-12  
MX-3720()/ASW-12(V)  
MX-4043()/ASW-12(V)  
TS-1265()/ASN  
TS-1266()/ASN-22  
TS-1267()/ASN  
TS-1268()/ASN  
TS-1269()/ASN  
TS-1271()/ASN-22  
TS-1274()/ASN-22  
TS-1276()/ASN-23  
TS-1643()/ASW-12(V)  
TS-1651()/ASW-12(V)  
TS-1656()/ASW-12(V)  
TS-1658()/ASW-12(V)  
TS-1659()/ASW-12(V)  
TS-1738()/ASW-12(V)

BATTERY TESTERS

CATEGORY I

Air Force

Army

Bureau of Ships

Bureau of Weapons

TS-183B/U  
TS-386/U  
TS-1078/G

AN/PSM-13()  
AN/USM-63()  
TS-183/U  
TS-287()/GM  
TS-737()/U  
TS-751()/U  
TS-765()/U  
TS-776()/U  
TS-1078()/G

TS-183B/U

CATEGORY II

TS-183A/U  
TS-313/U

TS-647()/U  
TS-776/U

TS-983/U



BRIDGES (Multipurpose) (SETE 210/77)

CATEGORY I

<u>Air Force</u>	<u>Army</u>	<u>Bureau of Ships</u>	<u>Bureau of Weapons</u>
ZM-3A/U	I-49-() TS-779()/U ZM-3()/U ZM-7A/TSM ZM-7B/TSM	ZM-11A/U	

CATEGORY II

AN/URM-20	TS-196/CPM-4	TS-875/DSM
AN/URM-23()	TS-415()/U	ZM-7/TSM
AN/URM-23	TS-582A/U	ZM-11()/U
AN/URM-24	TS-688/U	ZM-11/U

CABLE TESTERS & FAULT LOCATORS

CATEGORY I

<u>Air Force</u>	<u>Army</u>	<u>Bureau of Ships</u>	<u>Bureau of Weapons</u>
AN/UPM-16 AN/URM-83 AN/USM-185	I-51 TS-420()/U TS-1008()/G TS-1009()/G		

CATEGORY II

AN/USM-132 TS-407()/ANQ-2	TS-558()/FT TS-636/G	TS-643()/ANQ-2A TS-750A/URM
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CAPACITANCE MEASURING EQUIPMENT

CATEGORY I

<u>Air Force</u>	<u>Army</u>	<u>Bureau of Ships</u>	<u>Bureau of Weapons</u>
AN/URM-90	AN/URM-90()	AN/URM-90	AN/URM-90

CATEGORY II

OJ OJ-2	OJ-3 TS-313/U	TS-566()/FT
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CASES FOR TEST EQUIPMENT

CATEGORY I

<u>Air Force</u>	<u>Army</u>	<u>Bureau of Ships</u>	<u>Bureau of Weapons</u>
CY-3701/APM-182 CY-3887/UPM-92			

COMPUTERS & AUXILIARY EQUIPMENT

CATEGORY I

<u>Air Force</u>	<u>Army</u>	<u>Bureau of Ships</u>	<u>Bureau of Weapons</u>
AN/ASM-64 AN/ASM-72 AN/DJM-7 AN/UPM-35 AN/USM-74 TS-666A/AP TS-972/UP	AN/MPM-45 TS-909()/PPM TS-1625()/ASM-57 TS-1639()/APN-129(V)	AN/USM-55 AN/USM-97	TS-1024/MPM-39

CATEGORY II

AN/GPM-4	AN/USM-55 (XN-2)	TS-666/AP
AN/GPM-5	TS-357(XN)/ASG-10	TS-667()/AP
AN/MJM-5	TS-357(XN-1)/ASG-10	TS-667/AP
AN/MPM-30	TS-357/ASG-10	TS-1616/APS-104
AN/USM-39	TS-362/ASG-10	
AN/USM-55 (XN-1)	TS-434/UP	

CRYSTAL TEST EQUIPMENT

CATEGORY I

<u>Air Force</u>	<u>Army</u>	<u>Bureau of Ships</u>	<u>Bureau of Weapons</u>
TS-268E/U TS-330A/TSM TS-710/TSM TS-810/U	AN/TSM-2() TS-268()/U TS-330()/TSM TS-710()/TSM TS-810()/U TS-873()/U	TS-268E/U	TS-268()/U TS-810/U

CATEGORY II

AN/FSM-3()	TS-151/FSM-1	TS-268D/U
AN/TSM-3()	TS-268/U	TS-314()/FSM-1
AN/TSM-4()	TS-268A/U	TS-384/TSM
TS-137/FSM-1	TS-268B/U	TS-412()/TSM
TS-139/FSM-1	TS-268C/U	TS-752/ASB-1

DECADE BOXESCATEGORY I

<u>Air Force</u>	<u>Army</u>	<u>Bureau of Ships</u>	<u>Bureau of Weapons</u>
TS-578A/U	ZM-16()/U	TS-671/U	CB-8/SPG-49
TS-578B/U		TS-672A/U	TS-89()/AP
TS-679A/U			
ZM-16/U			
ZM-16A/U			

CATEGORY II

TS-578()/U	TS-665/U	TS-679()/U
TS-578/U	TS-672/U	

DUMMY LOADS & TERMINATIONSCATEGORY I

<u>Air Force</u>	<u>Army</u>	<u>Bureau of Ships</u>	<u>Bureau of Weapons</u>
AN/UPM-50	AN/UPM-50()	DA-74/UP	DA-43A/U
AN/URM-13	DA-18()/U	DA-91A/U	DA-64B/UP
AN/URM-63	DA-64()/UP	DA-148/U	DA-67/U
DA-159/U	DA-98()/U	DA-242/U	DA-68/U
DA-51/U	DA-147()/U		DA-74/UP
DA-64B/UP	DA-159()/U		DA-144/U
DA-89/U	DA-195()/U		DA-145/U
DA-90/U	DA-199()/U		DA-146/U
DA-104/U	DA-200()/U		DA-147/U
DA-112/U	DA-201()/U		DA-149/U
DA-127/MPS-16	DA-205/MPM-49		DA-150/SPQ-5A
DA-144/U	DA-206()/MPM-49		DA-151/SPG-49
DA-145/U	DA-279()/MS		DA-152/SPG-49
DA-146/U	MX-554()/U		DA-153/SPG-49
DA-147/U	TS-108()/AP		DA-158/U
DA-148/U	TS-129/UP		DA-159/U
DA-149/U	TS-208/MPM		DA-160/U
DA-158/U	TS-235()/UP		MX-580/AP
DA-160/U	TS-288()/UPA-1		TS-346/UP
DA-173/GRM-10	TS-329()/U		
DA-174/GRM-10	TS-1655()/ASW-12(V)		
DA-175/GRM-10	TS-1715()/P		
DA-219/APS-95	TS-234()/UP		
DA-283/APM-172			
TS-90B/AP			
TS-108A/AP			
TS-129/UP			
TS-235/UP			
TS-346/UP			
TS-366C/CPS-10			

Dummy Loads & Terminations (cont'd)

CATEGORY II

AN/URM-57	DA-53/U	TS-78/U
AN/URM-58()	DA-54/U	TS-79/U
AN/URM-59()	DA-64/UP	TS-90/AP
AN/URM-59	DA-76/U	TS-90A/AP
AN/URM-62	DA-79/U	TS-105()/TPM-1
AN/URM-68	DA-86/U	TS-108/AP
CG-88/U	DA-88/U	TS-114/APS-2F
CG-97/AP	DA-88A/U	TS-115/APS-2F
CM-450/FPS-16	DA-91/U	TS-231/AP
DA-2/U	DA-94/FRC-33A	TS-231A/AP
DA-3/U	DA-96/U	TS-234/UP
DA-4/U	DA-97/U	TS-234A/UP
DA-6/U	DA-103/U	TS-253/AP
DA-11/U	DA-107/URM-84	TS-264/MPG-1
DA-15/U	DA-115/U	TS-267()/MPG-1
DA-18/U	DA-117/U	TS-279/UPM
DA-19/U	DA-120/U	TS-307/ARW
DA-20/URM-68	DA-128/U	TS-329/U
DA-21/U	DA-212()/FRT-51	TS-332/UP
DA-22/U	DA-218/U	TS-335/MPM
DA-23/U	DA-249/M	TS-338/UP
DA-25/U	DA-253/P	TS-366A/TPS-10
DA-27A/U	DA-274/U	TS-366B/TPS-10
DA-31/U	I-115	TS-411/CPS-4
DA-32/U	MX-538/AP	TS-436()/TRC-6

ELECTRIC FIELD INTENSITY MEASURING EQUIPMENT (SETE 210/75)

CATEGORY I

<u>Air Force</u>	<u>Army</u>	<u>Bureau of Ships</u>	<u>Bureau of Weapons</u>
AN/GPM-14	AN/URM-6()	AN/PRM-25	AN/GPM-14
AN/PRM-1A	ME-61()/GRC-9		TS-509/UR
AN/URM-17	TS-446()/U		
AN/URM-89			
AN/URM-91			
TS-432/U			
TS-446/U			

CATEGORY II

AN/ASM-13	BX-906D/E	TS-481()/U
AN/PRM-1	I-237-()	TS-509()/UR
AN/PRM-1B	IM-117/URM-91	TS-579()/U
AN/PRM-2	TS-7/ASQ	TS-579/U
AN/PRM-14()	TS-94/AX	TS-579A/U
AN/PRM-22()	TS-153/AP	TS-587/U
AN/URM-89()	TS-204/AP	TS-587A/U
AN/URM-91()	TS-318/UP	TS-635/UP



ENVIRONMENTAL TEST EQUIPMENT

CATEGORY II

TS-648/U

FLUX AND GAUSSMETERS (SETE 210/50)

CATEGORY I

Air Force

Army

Bureau of Ships

Bureau of Weapons

TS-15C/AP

TS-15()/AP

TS-15C/AP

CATEGORY II

MX-915/U  
TS-15/AP

TS-15A/AP  
TS-15B/AP

TS-701/ASQ

FREQUENCY AND TIME MEASURING EQUIPMENT-COUNTERS

CATEGORY II

MX-2006()/U

TS-891/URN-3

FREQUENCY AND TIME MEASURING EQUIPMENT-ECHO BOXES (SETE 210/57)

CATEGORY I

Air Force

Army

Bureau of Ships

Bureau of Weapons

FR-73/UP  
TS-488A/UP

FR-125()/G  
TS-172()/UP  
TS-207/UP  
TS-270A/UP  
TS-488()/UP

AN/UPM-7  
FR-144/U  
OAA-2  
OBU  
TS-172A/UP  
TS-207/UP  
TS-275/UP  
TS-311B/UP  
TS-349/UP  
TS-488A/UP  
TS-501A/UP  
TS-545/UP

FR-72/UP  
TS-61/AP  
TS-110/AP  
TS-488A/UP

Frequency and Time Measuring Equipment-Echo Boxes (cont'd)

CATEGORY II

OAA	TS-184/AP	TS-311/UP
OAA-1	TS-184A/AP	TS-311A/UP
OBU-1	TS-218()/UP	TS-408()/UP
OBU-2	TS-218A/UP	TS-488/UP
OBU-3	TS-225/MPN-1	TS-501/UP
OBU-4	TS-270/UP	TS-544/UP
TS-62/AP	TS-270B/UP	
TS-172/UP	TS-280()/TPS-3	

FREQUENCY AND TIME MEASURING EQUIPMENT-FREQUENCY AND WAVE METERS

CATEGORY I

<u>Air Force</u>	<u>Army</u>	<u>Bureau of Ships</u>	<u>Bureau of Weapons</u>
AN/UPM-36	AN/TSM-16()	AN/TSM-16	AN/USA-5
AN/UPM-49	AN/UPM-2()	AN/UPM-2	AN/USM-26A
AN/UPM-72	AN/URM-32	AN/UPM-95	AN/USM-144
AN/URM-32A	AN/URM-79()	AN/URM-50	AN/USM-159
AN/URM-79	AN/URM-80()	AN/URM-115	FR-67/U
AN/URM-80	AN/URM-81()	AN/USM-103	TS-117/GP
AN/URM-81	AN/URM-82()	FR-94/U	TS-186D/UP
AN/USM-22	AN/USM-26()	OAD-2	TS-328A/U
AN/USM-26A	AN/USM-159	OAP-2	
FR-6/U	FR-4()/U	TS-117/GP	
FR-43()/URM-18	FR-5()/U	TS-175/U	
FR-47/U	FR-6()/U	TS-186E/UP	
FR-67/U	FR-43()/URM-18	TS-247/APM-48	
TS-117/GP	FR-44()/URM-18	TS-323/UR	
TS-186D/UP	FR-45()/URM-18	TS-480/U	
TS-247A/APM-48	FR-61()/U		
TS-480/U	FR-65()/TSM-9		
	FR-91()/U		
	FR-126()/U		
	FR-146()/U		
	I-129-()		
	TS-29/FMQ-1		
	TS-29A/FMQ-1		
	TS-117/GP		
	TS-186()/UP		
	TS-211/UPM-2		
	TS-212/UPM-2		
	TS-480()/U		

CATEGORY II

AN/TSM-9	FR-4/U	I-183-A
AN/UPM-2(XN-1)	FR-7/UP	LM-11
AN/URM-5()	FR-9/U	LM-11A
AN/URM-32()	FR-36/U	LM-13
AN/URM-74	FR-38/U	LM-15
AN/URM-82	FR-38D/U	LM-15A
AN/USM-26	FR-40()/GSM-1	LM-17
AN/USM-26B	FR-67()/U	LM-18
AN/USM-29	FR-81/U	LM-21
BC-221-()	FR-114/U	LM-22

Frequency and Time Measuring Equipment - Frequency and Wave Meters (cont'd)

CATEGORY II (cont'd)

LR	TS-3A/AP	TS-175()/U
LR-1	TS-33/AP	TS-175A/U
LR-2	TS-33A/AP	TS-186/UP
LR-3	TS-45/APM-3	TS-186A/UP
LR-5	TS-46/U	TS-186B/UP
MX-1636/U	TS-69/AP	TS-186C/UP
MX-1637/U	TS-111/CP	TS-285()/GP
OAD	TS-127/UR	TS-295()/UP
OAD-1	TS-173/UR	TS-328()/U
OAP-1A	TS-174()/U	TS-328/U
TS-3/AP	TS-174/U	TS-354()/UP

FREQUENCY AND TIME MEASURING EQUIPMENT-STANDARDS

CATEGORY I

<u>Air Force</u>	<u>Army</u>	<u>Bureau of Ships</u>	<u>Bureau of Weapons</u>
FR-83/U	AN/URM-18()		AN/USM-45
TS-65D/FMQ-1	AN/USM-45()		
TS-467/UP	FR-37()/U		
	FR-46()/URM-18		
	FR-83()/U		
	TS-65()/FMQ-1		
	TS-308()/U		

CATEGORY II

AN/FRM-3	TS-65/FMQ-1	TS-65C/FMQ-1
AN/TSM-48	TS-65A/FMQ-1	TS-240/FRC
I-240-()	TS-65B/FMQ-1	

FREQUENCY AND TIME MEASURING EQUIPMENT - TIMERS AND TIME INTERVAL MEASURING

CATEGORY II

MX-1636A/U	TS-1377/M
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FREQUENCY AND TIME MEASURING EQUIPMENT - OTHERS

CATEGORY I

<u>Air Force</u>	<u>Army</u>	<u>Bureau of Ships</u>	<u>Bureau of Weapons</u>
CM-162/FPS-7	TS-711()/U		

CATEGORY II

TS-350()/U

GALVANOMETERS AND ELECTROMETERS

CATEGORY I

<u>Air Force</u>	<u>Army</u>	<u>Bureau of Ships</u>	<u>Bureau of Weapons</u>
	ME-155()/U		

HYDRAULIC AND PNEUMATIC TEST EQUIPMENT (Including Engine Testers)

CATEGORY I

<u>Air Force</u>	<u>Army</u>	<u>Bureau of Ships</u>	<u>Bureau of Weapons</u>
AN/DJM-10	AN/DSM-12C AN/DSM-33 AN/DSM-33A		

CATEGORY II

AN/DSM-22	AN/GSM-65()	AN/GWM-2
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I. F. F. TEST EQUIPMENT

CATEGORY I

<u>Air Force</u>	<u>Army</u>	<u>Bureau of Ships</u>	<u>Bureau of Weapons</u>
AN/UPM-6A AN/UPM-6B AN/UPM-92 AN/UPM-98 AN/UPM-125 TS-1762/UPM-92	AN/UPM-98		AN/UPM-8B AN/UPM-26 AN/UPM-98

CATEGORY II

AN/UPA-39 AN/UPM-4() AN/UPM-4A	AN/UPM-6() AN/UPM-6 AN/UPM-8	AN/UPM-70 AN/UPM-70A AN/UPM-99
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IMPEDANCE AND ADMITTANCE MEASURING EQUIPMENT

CATEGORY I

<u>Air Force</u>	<u>Army</u>	<u>Bureau of Ships</u>	<u>Bureau of Weapons</u>
AN/UPM-39 AN/USM-5 AN/USM-6 AN/USM-7 AN/USM-14 TS-479/U TS-683A/TSM	TS-683()/TSM		

CATEGORY II

AN/USM-11 TS-269()/UR TS-269A/UR TS-460()/U TS-460/U	TS-460A/U TS-460B/U TS-460C/U TS-460D/U TS-537()/TSM	TS-537/TSM TS-557()/FT TS-582/U TS-683/TSM ZM-8()/TSM
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INDUCTANCE MEASURING EQUIPMENT

CATEGORY I

<u>Air Force</u>	<u>Army</u>	<u>Bureau of Ships</u>	<u>Bureau of Weapons</u>
AM/APM-107 AN/UPM-90	AN/URM-90() MX-2108()/G	AN/URM-90	AN/URM-90

Inductance Measuring Equipment (cont'd)

CATEGORY II

OJ	OJ-2
OJ-1	OJ-3

INFRA-RED TEST EQUIPMENT

CATEGORY I

<u>Air Force</u>	<u>Army</u>	<u>Bureau of Ships</u>	<u>Bureau of Weapons</u>
	AN/AAM-11()		
	MX-4080()/TAQ-1		
	OA-4488()/AAM-12		

INSULATION AND DIELECTRIC TEST EQUIPMENT

CATEGORY I

<u>Air Force</u>	<u>Army</u>	<u>Bureau of Ships</u>	<u>Bureau of Weapons</u>
AN/PSM-2A	AN/GSM-6()		AN/PSM-2
	AN/PTM-2()		AN/PSM-2A
	AN/PTM-4()		

CATEGORY II

AN/GPM-11	AN/PSM-1A
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MULTITESTERS

CATEGORY I

<u>Air Force</u>	<u>Army</u>	<u>Bureau of Ships</u>	<u>Bureau of Weapons</u>
AN/PSM-6B	AN/PSM-6()	AN/PSM-4C	AN/PSM-4()
AN/USM-33	AN/UPM-2()	AN/USM-116	AN/PSM-4B
ME-6D/U	AN/URM-105()	AN/USM-123	AN/USM-33
ME-26A/U	AN/USM-33()		AN/USM-116

Multitesters (cont'd)

CATEGORY I (cont'd)

<u>Air Force</u>	<u>Army</u>	<u>Bureau of Ships</u>	<u>Bureau of Weapons</u>
ME-75/ARC-21	IE-29		AN/USM-123
MX-4419/PSM-6	ME-8()/G		ME-6()/U
MX-4822/PSM-6	ME-26()/U		ME-6D/U
MX-4824/PSM-6	ME-77()/U		TS-505D/U
MX-4825/PSM-6	ME-87()/U		
MX-6049/PSM-6	TS-336()/GSM-1		
MX-6050/PSM-6	TS-352()/U		
TS-60/U	TS-555()/GMQ-3		
TS-297/U	TS-656()/U		
TS-505D/U	TS-682()/GSM-1		
	ME-9()/U		

CATEGORY II

AN/GSM-1()	ME-6C/U	TS-290()/U
AN/GSM-1	ME-9A/U	TS-294()/U
AN/PRM-15()	ME-9B/U	TS-294/U
AN/PRM-16()	ME-25/U	TS-297()/U
AN/PSM-4	ME-25A/U	TS-297(XC)/U
AN/PSM-4A	ME-25B/U	TS-325/U
AN/PSM-6	ME-26/U	TS-352/U
AN/PSM-6A	ME-48/U	TS-352A/U
AN/USM-34()	ME-48A/U	TS-352B/U
AN/USM-34	ME-48B/U	TS-380()/U
AN/USM-34A	ME-48C/U	TS-380/U
AN/USM-34B	ME-67()/USM-36	TS-389()/U
I-50-()	ME-70/PSM-6	TS-389/U
I-77-()	MX-1471()/U	TS-457/U
I-107-()	MX-1472()/U	TS-505()/U
I-166-()	MX-1604/USM-32	TS-505/U
I-167-()	MX-2005()/U	TS-505A/U
I-176	OBQ	TS-506()/U
I-176-B	OBQ-1	TS-520()/U
I-179	OBQ-2	TS-527()/U
I-239-()	OBQ-3	TS-616()/U
ME-1()/U	OBQ-4	TS-618()/U
ME-6/U	OCR	TS-619()/U
ME-6A/U	OCR-1	TS-620()/U
ME-6B/U	TS-96/TPS-1	TS-623/U

NAVIGATIONAL TEST EQUIPMENT

CATEGORY I

<u>Air Force</u>	<u>Army</u>	<u>Bureau of Ships</u>	<u>Bureau of Weapons</u>
AN/AJM-10	AN/GRM-4()	AN/GPM-15	AN/GPM-15
AN/ARM-55	AN/PRM-26()		
AN/GJQ-4	SG-13()/ARN		
AN/GPM-15	SG-66/ARM5		
AN/GRM-4	TS-251()/UP		

NavigationaI Test Equipment (cont'd)

CATEGORY I (cont'd)

<u>Air Force</u>	<u>Army</u>	<u>Bureau of Ships</u>	<u>Bureau of Weapons</u>
AN/UPM-37	TS-1652()/ASW-12(V)		
ID-984/ASQ-66	TS-1661()/ASW-12(V)		
SG-136/U			

CATEGORY II

AN/MPM-50	TS-67/ARN-5	TS-251/UP
MX-1837()/FRN-20	TS-67A/ARN-5	TS-523/ARN
SG-13/ARN	TS-159()/TPX	TS-524/ARN

NOISE AND DISTORTION MEASURING EQUIPMENT

CATEGORY I

<u>Air Force</u>	<u>Army</u>	<u>Bureau of Ships</u>	<u>Bureau of Weapons</u>
AN/URM-6	AN/UPM-96()	AN/PQM-1A	AN/URM-6
CU-1002/ASQ-68	AN/URM-85()	AN/SQM-1	AN/URM-42
CU-1003/ASQ-68	AN/URM-100()	AN/URM-6C	
	TS-615()/U	AN/URM-42	
	TS-705()/U	AN/URM-47A	
	TS-707()/U	ME-153/U	

CATEGORY II

AN/PQM-1	AN/URM-7()	TS-591/CRN-16
AN/URM-3()	AN/URM-29()	TS-607/U
AN/URM-6A	AN/URM-47	
AN/URM-6B	OAY	

OSCILLOSCOPES

CATEGORY I

<u>Air Force</u>	<u>Army</u>	<u>Bureau of Ships</u>	<u>Bureau of Weapons</u>
AN/USM-25A	AN/USM-32()	AN/USM-25A	AN/USM-105
OS-4()/AP	AN/USM-50()	AN/USM-50	AN/USM-105A
OS-8C/U	AN/USM-81()	AN/USM-105A	AN/USM-117
OS-46/U	AN/USM-89()	AN/USM-117	AN/USM-140A
	AN/USM-89	AN/USM-139	MX-2930/USM-105
	MX-2330()/G	AN/USM-140A	MX-2931/USM-105
	OS-8()/U	AN/USM-141	MX-3078/USM-105A



Oscilloscopes (cont'd)

CATEGORY I (cont'd)

<u>Air Force</u>	<u>Army</u>	<u>Bureau of Ships</u>	<u>Bureau of Weapons</u>
	OS-16()/URM-18	AM-3567/USM	
	OS-25()/G	AM-3568/USM	
	OS-46()/U	MX-2962/USM-105	
	OS-72()/U	MX-2996/USM-117	
	OS-5001()/U	MX-3078/USM-105A	
		OS-8()/U	
		OS-8E/U	

CATEGORY II

AN/UPM-45	MX-3057/USM-120	OS-11/FGC-5
AN/USM-24()	OBL	OS-48/U
AN/USM-24	OBL-3A	OS-54/URN-3
AN/USM-24A	OBL-3B	TS-8/U
AN/USM-24B	OBL-4	TS-8A/U
AN/USM-24C	OBT	TS-28/UPN
AN/USM-25	OBT/-1	TS-28A/UPN
AN/USM-25B	OBT-1	TS-34()/AP
AN/USM-25C	OS-1()/U	TS-34/AP
AN/USM-25F	OS-1/U	TS-34A/AP
AN/USM-32	OS-4/AP	TS-100()/AP
AN/USM-38	OS-4(XN-1)/AP	TS-100/AP
AN/USM-50A	OS-4(XN-2)/AP	TS-126/AP
AN/USM-50B	OS-4A/AP	TS-149()/TRC-6
AN/USM-50C	OS-4B/AP	TS-239()/UP
AN/USM-81	OS-5/U	TS-239/UP
AN/USM-105(V)	OS-7/U	TS-239A/UP
AN/USM-120	OS-8/U	TS-282()/TRC-5
BC-1060-()	OS-8A/U	TS-324/U
I-134-A	OS-8B/U	TS-489()/U
I-245-()	OS-8D/U	TS-489/U
MX-3930A/USM-105	OS-10A/U	TS-514/U

PERFORMANCE MONITORS

CATEGORY I

<u>Air Force</u>	<u>Army</u>	<u>Bureau of Ships</u>	<u>Bureau of Weapons</u>
AN/AJM-14(V)			
AN/ASQ-67			
CM-193/GSC-7			
ID-1005/ASQ-73			

PHASE MEASURING EQUIPMENT

CATEGORY I

<u>Air Force</u>	<u>Army</u>	<u>Bureau of Ships</u>	<u>Bureau of Weapons</u>
AN/URM-67			

CATEGORY II

TS-215/AP

PHOTOGRAPHIC TEST EQUIPMENT

CATEGORY I

<u>Air Force</u>	<u>Army</u>	<u>Bureau of Ships</u>	<u>Bureau of Weapons</u>
	AN/TFM-2()		

CATEGORY II

AN/GSM-9  
TS-95/AX

TS-703()/UF  
TS-1072/TFM-3

POWER MEASURING EQUIPMENT

CATEGORY I

<u>Air Force</u>	<u>Army</u>	<u>Bureau of Ships</u>	<u>Bureau of Weapons</u>
AN/PRM-10	AN/PRM-10()	AN/PRM-10	AN/PRM-10
AN/URM-43C	AN/UPM-73()	AN/URM-96A	AN/SPM-4
AN/URM-96A	AN/URM-120()	AN/USM-177	AN/URM-120
AN/USM-68	AN/USM-83()	TS-107A/TPM-1	TS-117()/GP
DT-167/U	AN/USM-96()	TS-125/AP	
TS-107/TPM-1	ME-51()/UP	TS-230D/AP	
TS-118A/AP	ME-82()/U	TS-305C/UP	
TS-125/AP	ME-162()/U		
TS-230C/AP	TS-118/AP		
TS-305D/UP	TS-125()/AP		
TS-430/U	TS-131()/AP		
TS-585C/U	TS-430()/U		
	TS-585()/U		
	TS-1285/URM-120		

Power Measuring Equipment (cont'd)

CATEGORY II

AN/URM-31	ME-14/U	TS-230A/AP
AN/URM-43()	ME-15/U	TS-230B/AP
AN/URM-43	ME-69()/U	TS-230E/AP
AN/URM-43A	TS-36/AP	TS-254()/AP
AN/URM-43B	TS-70/AP	TS-295A/UP
AN/URM-46()	TS-104()/TPM-1	TS-305/UP
AN/URM-96	TS-107()/TPM-1	TS-305A/UP
AN/URM-98()	TS-131/AP	TS-305B/UP
AN/USM-68()	TS-131A/AP	TS-429()/TRC-6
DT-104()/U	TS-144()/TRC-6	TS-585B/U
ME-11/U	TS-206/AR	TS-594()/U
ME-11A/U	TS-226/AP	TS-891/URN-3
ME-11B/U	TS-226A/AP	TS-1202()/U
ME-11C/U	TS-230/AP	

POWER SUPPLY TEST EQUIPMENT

CATEGORY I

<u>Air Force</u>	<u>Army</u>	<u>Bureau of Ships</u>	<u>Bureau of Weapons</u>
AN/APM-103	AN/MPM-42	AN/USM-99	TS-874A/DSM
AN/DJM-11	AN/UPM-93()		TS-1028/MPM-40
AN/UPM-93	AN/UPM-100		TS-1248/USM-99
I-209-B	I-83-()		
TS-897/U	I-199-()		
TS-934/U	TS-913()/U		
	TS-914()/U		
	TS-934()/U		
	TS-965()/U		
	TS-1637()/		
	APN-129(V)		

CATEGORY II

AN/GSM-2	I-209-()	TS-747()/U
AN/MPM-36	I-209A	TS-874/DSM
AN/USM-20	TS-414/U	TS-1076/G

PULSE ANALYZERS

CATEGORY I

<u>Air Force</u>	<u>Army</u>	<u>Bureau of Ships</u>	<u>Bureau of Weapons</u>
AN/ULA-2 AN/UPM-85 TS-598A/U TS-890A/URN-3	AN/ULA-2() TS-573()/UP	TS-573C/UP	

CATEGORY II

TS-573()(XN-3)/UP TS-573/UP	TS-573A/UP TS-598/U
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PULSE GENERATORS

CATEGORY I

<u>Air Force</u>	<u>Army</u>	<u>Bureau of Ships</u>	<u>Bureau of Weapons</u>
AN/UPM-15A AN/UPM-63 SG-184/GKA TS-433B/U TS-583B/U	AN/GLA-5() AN/PPM-1() AN/PPM-1()X AN/UPM-15() TS-433()/U	AN/UPM-55 AN/USM-27B AN/USM-108 TS-433B/U TS-583B/U	AN/UPM-55 AN/UPM-55A AN/USM-108 SG-30A/U TS-583/U

CATEGORY II

AN/ALA-3() AN/AWA-2 AN/PPM-1 AN/PPM-1A AN/UPM-15 AN/USM-27() AN/USM-27	AN/USM-27A O-217/AWA-2 OCD SG-18/U SG-30/UP SG-69A/PBM-1 SG-82()/U	SG-121A/URN-3 TS-433/U TS-433A/U TS-583()/U TS-583A/U TS-592/UPM-15 TS-624()/U
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Q-METERS

CATEGORY I

<u>Air Force</u>	<u>Army</u>	<u>Bureau of Ships</u>	<u>Bureau of Weapons</u>
TS-617B/U	TS-617()/U TS-617B/U		TS-617B/U



RADAR SYSTEMS TEST EQUIPMENTCATEGORY I

<u>Air Force</u>	<u>Army</u>	<u>Bureau of Ships</u>	<u>Bureau of Weapons</u>
AN/APM-104	AN/APM-66()	AN/UPM-1B	AN/SPM-5
AN/APM-105	AN/APM-176()	AN/UPM-29B	AN/SPM-5A
AN/APM-109	AN/APM-178()	AN/UPM-56	AN/SPM-6A
AN/APM-170	AN/GPM-1	AN/UPM-101	AN/SPM-6C
AN/APM-174	AN/GPM-46()	AN/UPM-114	AN/SPM-9
AN/APM-175	AN/GSM-44	AN/USM-115	AN/SPM-12
AN/APM-181	AN/MPM-2	TS-147D/UP	AN/SPM-13A
AN/APM-182	AN/MPM-23()	TS-295B/UP	AN/UPM-14
AN/ASM-75	AN/MPM-24()	TS-406/UP	AN/UPM-29B
AN/ASQ-68	AN/MPM-37		AN/UPM-32
AN/ASQ-73	AN/MPM-37A		AN/UPM-109
AN/FSQ-42	AN/MPM-39		TS-102B/AP
AN/FSQ-51	AN/MPM-40		TS-147D/UP
AN/FSQ-52	AN/MPM-43		TS-847A/MSW-1
AN/FSQ-53	AN/MPM-44		TS-1027/MPM-40
AN/FSQ-54	AN/MPM-46		
AN/GPM-25	AN/MPM-49()		
AN/UPM-1B	AN/TSM-47		
AN/UPM-10B	AN/UPM-11()		
AN/UPM-11A	AN/UPM-38()		
AN/UPM-14	AN/UPM-56()		
AN/UPM-29B	AN/UPM-60()		
AN/UPM-30	AN/UPM-102()		
AN/UPM-34	OA-1376/MPM-39		
AN/UPM-40	OA-1377/MPM-40		
AN/UPM-42	OA-1579/MPM-46		
AN/UPM-53	OA-1580/MPM-44		
AN/UPM-56	OA-2291/T		
AN/UPM-61	TS-147/UP		
AN/UPM-66	TS-147B/UP		
AN/UPM-68	TS-147D/UP		
AN/UPM-71	TS-706()/UP		
AN/UPM-80	TS-746/APM-66		
AN/UPM-97	TS-1079()/G		
AN/URM-33A	TS-1640()/APN-129(V)		
AN/URM-33AX			
AN/URM-34A			
AN/URM-35A			
AN/URM-36A			
AN/USM-172			
CP-559/AYQ-1			
ID-1001/ASQ-68			
ID-1002/ASQ-68			
IP-512/APS-95			
MX-1788/CPN-18			
MX-1791/FRN-16			
OA-2777/FPS-26			
OA-2790/FPS-26			
OA 3622/ASM-64			
OA-3623/ASM-64			
OA-3624/ASM-72			
OA-3626/APM-171			
OA-3627/APM-172			
OA-3628/APM-173			
OA-3629/APM-174			
OA-3677/ASM-75			
OA-3679/ASM-75			
OA-3981/FSQ-52			
OA-4016/FSQ-52			

Radar Systems Test Equipment (cont'd)

CATEGORY I (cont'd)

<u>Air Force</u>	<u>Army</u>	<u>Bureau of Ships</u>	<u>Bureau of Weapons</u>
OA-4017/FSQ-54			
OA-4027/FSQ-52			
OA-4029/FSQ-42			
OA-4036/FSQ-42			
OA-4079/FSQ-54			
OA-4080/FSQ-42			
OA-4091/FSQ-54			
OA-6469/FSQ-51			
OA-6471/FSQ-51			
OA-6472/FSQ-51			
OA-6473/FSQ-51			
OA-6474/FSQ-53			
OA-6475/FSQ-53			
OA-6567/FSQ-51			
SG-31A/U			
SG-336()/U			
TS-23A/APN			
TS-142A/APG			
TS-541/TPS			
TS-1079/G			

CATEGORY II

AN/MPM-1	AN/UPM-11	TS-59A/APN-1
AN/MPM-3	AN/UPM-19()	TS-101/AP
AN/MPM-4	AN/UPM-19	TS-102A/AP
AN/MPM-5	AN/UPM-19A	TS-120/UP
AN/MPM-6()	AN/UPM-19B	TS-128/UP
AN/MPM-7	AN/UPM-19C	TS-142/APG
AN/MPM-9	AN/UPM-29()	TS-146/UR
AN/MPM-10	AN/UPM-29A	TS-147A/UP
AN/MPM-11	AN/UPM-41	TS-147C/UP
AN/MPM-12	AN/UPM-44(XN-1)	TS-223()/AP
AN/MPM-13	AN/UPM-48	TS-223/AP
AN/MPM-15()	AN/URM-33()	TS-278/AP
AN/MPM-20()	AN/URM-33	TS-355/UP
AN/MPM-21	AN/URM-34	TS-355A/U
AN/MPM-25()	AN/URM-35	TS-358/UP
AN/MPM-28	AN/URM-36	TS-364/APX-15
AN/MPM-28A	I-110-()	TS-364A/APX-15
AN/MPM-28B	LZ	TS-406()/U
AN/MPM-29	MX-1789/CPS-6B	TS-477/APN-19
AN/MPM-34	MX-1792/TPS-1D	TS-642/U
AN/MPM-35	SG-31/U	TS-685/ARN-5
AN/TPM-3()	TS-13/AP	TS-696/UPM-11
AN/TPM-7()	TS-14/AP	TS-696A/UPM-11
AN/UPM-1	TS-23/APN	TS-738/UPM-11A
AN/UPM-1A	TS-35/AP	TS-739/UPM-10
AN/UPM-9	TS-35A/AP	TS-739A/UPM-10
AN/UPM-10	TS-45A/APM-3	TS-739B/UPM-10
AN/UPM-10A	TS-59/APN-1	TS-847/MSW-1

RADIAC TEST EQUIPMENT

CATEGORY I

<u>Air Force</u>	<u>Army</u>	<u>Bureau of Ships</u>	<u>Bureau of Weapons</u>
AN/PDR-27J	AN/PDR-27()		
AN/PDR-43	AN/PDR-27A		
AN/PDR-61	AN/PDR-27J		
AN/UDM-1A	AN/PDR-36()		
CP-95/PD	AN/UDM-1()		
IM-9C/PD	IM-9()/PB		
IM-9D/PD	IM-9/PD		
IM-93/UD	IM-71()/PD		
IM-135/PD	IM-93()/UD		
	IM-147/PD		
	IM-156()/PD		
	IM-174()/PD		
	TS-784()/PD		

CATEGORY II

AN/PDR-10()	AN/PDR-46()	DT-35()/PD
AN/PDR-10A	AN/PDR-53()	IM-9A/PD
AN/PDR-10B	AN/PDR-54()	IM-20()/PD
AN/PDR-10B-T1	AN/PDR-T1	IM-61()/PD
AN/PDR-27C	AN/PDR-T1B	IM-108()/PD
AN/PDR-27E	AN/PDR-T2()	IM-154/PDR-54
AN/PDR-39	AN/PDR-T3	ME-118/G

RADIOSONDE AND WEATHER TEST EQUIPMENT

CATEGORY I

<u>Air Force</u>	<u>Army</u>	<u>Bureau of Ships</u>	<u>Bureau of Weapons</u>
AN/GMM-2	AN/GMM-1()		
AN/GMM-3	AN/GMM-2()		
TS-1080/G	AN/GMM-3()		
	TS-1080()/G		

CATEGORY II

AN/GMM-1	RD-3/FMQ-1
AN/GMM-1A	TS-30()/FMQ-1

RECEIVER-TRANSMITTER AND ASSOC. TEST EQUIPMENTCATEGORY I

<u>Air Force</u>	<u>Army</u>	<u>Bureau of Ships</u>	<u>Bureau of Weapons</u>
AN/APM-102	AN/ARM-45()	AN/TRM-3	AN/TRM-1
AN/APM-106	AN/ARM-51()	AN/URM-17A	AN/TRM-3
AN/APM-171	AN/URM-113	AN/URM-30	AN/URM-44A
AN/APM-172	I-61	AN/URM-114	
AN/ARM-25A	I-97-()	ME-2/U	
AN/ARM-56	I-223-()	ME-127/U	
AN/ASM-75	ME-57()/U	TS-538A/U	
AN/ASM-116	ME-99()/U	TS-907/ULR	
AN/ASQ-74	OA-2271/P	TS-1467/URM-114	
AN/GRM-10	TS-190/U		
AN/GRM-51	TS-210/MPM		
AN/GSM-73	TS-538()/U		
AN/TRM-3	TS-629()/U		
AN/URM-11	TS-971()/G		
AN/URM-76A	TS-974()/U		
AN/USM-58A	TS-997()/PRC		
I-97-A	TS-1458()/U		
ID-993/ASQ-67	TS-1474/ARM-51		
ID-1004/ASQ-73			
IE-46B			
ME-112/U			
OA-3674/GSM-73			
OA-3675/GSM-73			
OA-3678/ASM-75			
OA-3680/ARM-56			
OA-3681/ARM-56			
OA-3682/ARM-56			
OA-3683/ARM-56			
TS-190/U			
TS-233/TPN-2			
TS-257A/ARW			
TS-361A/U			
TS-399/U			
TS-538B/U			
TS-629B/U			
TS-971()/G			
OA-3676/GSM-73			

CATEGORY II

AN/APM-82	I-135-()	IE-16-()
AN/CPM-3	I-154-A	IE-17-()
AN/GRM-1	I-155-A	IE-17
AN/GRM-1A	I-178	IE-17B
AN/URM-1	I-189-()	IE-19
AN/URM-12	I-201	IE-19-C
AN/URM-76	I-201-A	IE-36-()
AN/URM-114(XG-1)	I-201-B	IE-36
AN/USM-3	I-210	IE-37-()
AN/USM-3A	I-231	IE-45-()
AN/USM-58	I-240	IE-46-A
I-56-()	IE-6()	IE-47-()
I-61-A	IE-7()	IE-53-()
I-61-B	IE-9	IE-56-A
I-63-A	IE-9-A	IE-56-B
I-87-()	IE-9-B	IE-57-A
I-100-A	IE-9-C	IE-57-B
I-100-B	IE-10	IE-75-()
I-104-A	IE-12	ME-71()/FCC
I-108	IE-12-A	MX-479/ARN-6



## Receiver-Transmitter and Assoc. Test Equipment (cont'd)

CATEGORY II (cont'd)

MX-986/FRC	TS-58/GRM-1	TS-306/ARW
OA-667/ARW	TS-76/APM-3	TS-321/URM-1
OE-11	TS-113()/GRM	TS-399()/U
OE-12	TS-178/ARM-1	TS-400()/U
TS-5A/AP	TS-182/UP	TS-456/CRN-1A
TS-10/APN	TS-188/APS-4	TS-490()/U
TS-10A/APN	TS-191/UP	TS-522/CRT-3
TS-10B/APN	TS-193()/CPS-4	TS-538/U
TS-10C/APN	TS-193/CPM-4	TS-629/U
TS-16/APN	TS-193A/CPM-4	TS-684/URM-30
TS-16A/APN	TS-193B/CPM-4	TS-750/URM
TS-16X/APN	TS-216()/TPL-1	TS-822()/U
TS-17/ASQ	TS-257/ARW	TS-1467(XG-1)/URM-114
TS-41/CRN-1	TS-303()/G	

RECORDERSCATEGORY I

<u>Air Force</u>	<u>Army</u>	<u>Bureau of Ships</u>	<u>Bureau of Weapons</u>
AN/LH-1A	AN/FNQ-2()	RD-49A/U	RD-49()/U
AN/GLH-1	AN/FNQ-3()		
AN/GLH-3A	AN/GXH-4()		
AN/GNQ-9B	AN/PNH-1()		
AN/GNQ-14	AN/TNH-2()		
CV-963/GSQ-11A(V)	AN/TNH-5()		
CV-964/GSQ-11A(V)	AN/UNH-1		
MX-1724/UN	AN/USM-46()		
RD-31D/U	BC-1323		
RD-74A/U	BC-1337		
RD-87/U	RD-31()/U		
RD-92A/UX	RD-41()/U		
RD-173A/UN	RD-60()/U		
RD-217/UNH	RD-60/U		
RO-65/FST	RD-126()/TFH-3		
TS-1065/APH	RD-173()/UN		
	RD-180()/ULH		
	RD-185()/U		
	RD-242()/G		
	RO-207()/ASW-12(V)		
	TS-584()/U		

CATEGORY II

AN/FLH-1	AN/GNQ-5()	AN/GNQ-8
AN/GLH-3	AN/GNQ-6()	AN/GNQ-9()
AN/GNQ-1	AN/GNQ-6	AN/GNQ-9
AN/GNQ-1A	AN/GNQ-6A	AN/GNQ-9A
AN/GNQ-2	AN/GNQ-7()	AN/GNQ-10()
AN/GNQ-2A	AN/GNQ-7	AN/GNQ-10
AN/GNQ-4()	AN/GNQ-8()	AN/GNQ-11

Recorders (cont'd)

CATEGORY II (cont'd)

AN/TNH-2	RD-13()/GNQ-4	RD-87()/U
AN/TNH-3()	RD-17()/U	RD-111()/FRN
AN/TNH-4()	RD-18()/TNS-2	RD-115/UN
AN/UNG-1()	RD-19()/TNS-2	RD-115B/UN
AN/UNQ-1()	RD-23()/TM	RD-117()/U
AN/UVM-1	RD-24()/TN	RD-133/UN
BC-1016	RD-36()/U	RD-142/UN
M-166-()	RD-37()/FN	RD-142A/UN
MX-1373/UN	RD-38()/FN	RO-14/APH
MX-1373A/UN	RD-39()/TN	RO-43/APH
OBL-1	RD-40()/FN	RO-43A/APH
OBL-2	RD-42()/U	RO-72/FPS-16
OBL-3	RD-49/U	RO-126/UP
RD-2()/GXR	RD-74()/U	

RELAY AND CHOPPER TESTERS

CATEGORY I

<u>Air Force</u>	<u>Army</u>	<u>Bureau of Ships</u>	<u>Bureau of Weapons</u>
AN/URM-65	I-181	TS-1194/U	
I-193-C	I-181B		
TS-605/U	I-193-()		
	TS-1194()/U		
	TS-1194/U		

CATEGORY II

AN/MJM-4	I-193-B	TS-604A/U
I-193	TS-154/CRW-2	TS-912/U
I-193-A	TS-604/U	TS-1194A/U

RESISTANCE MEASURING EQUIPMENT

CATEGORY I

<u>Air Force</u>	<u>Army</u>	<u>Bureau of Ships</u>	<u>Bureau of Weapons</u>
AN/USM-21A	AN/PSM-12	ME-213/U	AN/USM-21A
ZM-4()/U	AN/TSM-33	ZM-4B/U	ZM-4()/U
	ZM-4()/U		
	ZM-21A/U		
	ZM-21B/U		

## Resistance Measuring Equipment (cont'd)

CATEGORY II

AN/TSM-7()	I-48-A	ZM-4/U
AN/USM-18	I-48-B	ZM-4A/U
AN/USM-21	I-67	ZM-21()/U
I-48		

SEMICONDUCTOR TEST EQUIPMENTCATEGORY I

<u>Air Force</u>	<u>Army</u>	<u>Bureau of Ships</u>	<u>Bureau of Weapons</u>
TS-1100/U	AN/PSM-5() TS-1001()/U TS-1100()/U TV-13()/U	TS-1100A/U	TS-1100/U

SIGNAL GENERATORS 0 to 1Mc (SETE 210/72)CATEGORY I

<u>Air Force</u>	<u>Army</u>	<u>Bureau of Ships</u>	<u>Bureau of Weapons</u>
AN/URM-25() AN/URM-25F AN/URM-127 AN/USM-30 TS-379/U TS-382F/U	SG-15()/PCM SG-42()/URM-18 SG-71()/FCC SG-85/URM-25D SG-103/URM-25F TS-300/CRD-3 TS-312()/U TS-382()/U TS-421()/U	AN/URM-25D AN/URM-127 TS-421A/U TS-535A/U	AN/UPM-127 SG-44/URM-25 TS-382()/U TS-382F/U TS-421()/U

CATEGORY II

AN/URM-25	LAJ-2	LP-5
AN/URM-25A	LAJ-3	TS-379()/U
AN/URM-25B	LAJ-4	TS-382/U
AN/URM-25C	LO	TS-382A/U
AN/URM-25E	LO-1	TS-382B/U
I-72-()	LO-2	TS-382C/U
I-122	LO-3	TS-382D/U
I-141-B	LO-4	TS-382E/U
I-151-()	LP	TS-401()/U
I-151	LP-1	TS-421/U
I-222-()	LP-2	TS-535/U
LAJ	LP-3	TS-609()/U
LAJ-1	LP-4	

SIGNAL GENERATORS 1 to 100Mc (SETE 210/72)

CATEGORY I

<u>Air Force</u>	<u>Army</u>	<u>Bureau of Ships</u>	<u>Bureau of Weapons</u>
AN/URM-26B	AN/URM-48()	AN/URM-26B	AN/URM-26B
AN/URM-48	AN/URM-52()	AN/URM-103	AN/USM-44
AN/URM-53	AN/USM-44()	AN/USM-44A	AN/USM-44A
AN/USM-16	SG-12()/U	SG-522/U	TS-510A/U
AN/USM-44A	SG-200()/G		
I-208	SG-213()/U		
I-208-C	SG-297()/URM-103		
SG-12()/U			

CATEGORY II

AN/URM-26()	SG-17/U	TS-413B/U
AN/URM-26	SG-20()/U	TS-447()/U
AN/URM-26A	SG-20/U	TS-448()/U
AN/URM-27()	SG-59()/U	TS-465()/U
AN/URM-27	SG-77()/U	TS-465/U
AN/URM-54()	TS-32/TRC-1	TS-497()/URR
I-126-()	TS-326/U	TS-497/URR
I-126-B	TS-326A/U	TS-497A/URR
I-208-()	TS-326B/U	TS-497B/URR
LAK	TS-343()/U	TS-510/U
LX	TS-413()/U	TS-588()/U
LX-1	TS-413/U	TS-590()/U
LX-2	TS-413A/U	TS-606/U
SG-6()/U		

SIGNAL GENERATORS 100Mc and HIGHER (SETE 210/72)

CATEGORY I

<u>Air Force</u>	<u>Army</u>	<u>Bureau of Ships</u>	<u>Bureau of Weapons</u>
AN/UPM-46	AN/URM-44()	AN/UPM-46	AN/URM-44()
AN/URM-44	AN/URM-49()	AN/URM-49A	AN/URM-49A
AN/URM-49	AN/URM-61()	AN/URM-52A	AN/URM-52
AN/URM-52	AN/URM-64()	AN/URM-61A	AN/URM-52A
AN/URM-55	AN/URM-70()	AN/URM-64A	AN/URM-61A
AN/URM-56	AN/USM-47()	AN/USM-47	AN/URM-64A
AN/URM-61A	SG-3()/U		TS-155()/UP
AN/URM-64A	SG-108()/U		TS-403B/U
AN/URM-70	SG-155()/U		TS-418A/U
AN/USM-47	SG-242()/U		TS-419A/U
AN/USM-48	TS-155()/UP		TS-621B/U
SG-1A/ARN	TS-403()/U		TS-622/U
SG-3()/U	TS-418()/U		
TS-47/APR	TS-419()/U		
TS-155C/UP	TS-621()/U		
TS-403/U	TS-622()/U		



Signal Generators 100Mc and Higher (cont'd)

CATEGORY II

AN/URM-15	LAF-3	TS-259/AP
AN/URM-61	LAG	TS-284()/UR
AN/URM-64	LAG-1	TS-403A/U
AN/USM-47(XN-1)	OAP	TS-418/U
I-196-A	OAP-1	TS-418B/U
I-225	SG-1/ARN	TS-418C/U
LAD	TS-14A/AP	TS-419/U
LAE	TS-47()/APR	TS-508(XN-1)/U
LAE-1	TS-47A/APR	TS-508/UP
LAE-2	TS-155/UP	TS-574/U
LAE-3	TS-155A/UP	TS-621(XN)/U
LAE-4	TS-155B/UP	TS-621(XN-1)/U
LAF	TS-155D/UP	TS-621/U
LAF-1	TS-155E/UP	TS-622(XN-1)/U
LAF-2	TS-197/CPM-4	

SIGNAL GENERATORS - FUNCTION GENERATORS

CATEGORY I

<u>Air Force</u>	<u>Army</u>	<u>Bureau of Ships</u>	<u>Bureau of Weapons</u>
AN/URM-92 SG-299B/U	SG-298()/U		SG-321/U

CATEGORY II

SG-106()/U	SG-299/U	SG-299A/U
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SIGNAL GENERATORS - NOISE GENERATORS

CATEGORY I

<u>Air Force</u>	<u>Army</u>	<u>Bureau of Ships</u>	<u>Bureau of Weapons</u>
SG-23/U SG-165/FSA	SG-337()/U SG-419()/U SG-453()/U	SG-23/U SG-354/U	

CATEGORY II

SG-8/U	TS-195/GP
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SIGNAL GENERATORS - SWEEP GENERATORS

CATEGORY I

<u>Air Force</u>	<u>Army</u>	<u>Bureau of Ships</u>	<u>Bureau of Weapons</u>
TS-452C/U	SG-92()/U SG-211()/U SG-212()/U TS-452()/U	AN/USM-28	AN/URM-75 SG-24/TRM-3 TS-452()/U TS-452C/U

CATEGORY II

SG-96()/FRC TS-309/U	TS-452/U TS-452A/U	TS-452B/U
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SIGNAL GENERATORS - OTHERS

CATEGORY I

<u>Air Force</u>	<u>Army</u>	<u>Bureau of Ships</u>	<u>Bureau of Weapons</u>
AN/APM-134 BC-376-M SG-388/AYQ-1 TS-221/TSM TS-237/TRC-8	AN/GSM-21() AN/USM-65() BC-376() SG-475()/APS-94 TS-221/TSM	SG-376/U TS-202A/UP	SG-34/GPM-15

CATEGORY II

AN/PRM-20 AN/PSM-7 BC-183() BC-376-L BC-1096() BC-1374-() I-128 I-138-() I-173-A I-185-A I-204-() MX-1664/DSM	OF OF-1 OF-2 SG-19/U SG-21/U SG-21A/U SG-21B/U SG-352/U TS-1/ARR-1 TS-24/ARR-2 TS-24A/ARR-2	TS-170/ARN-5 TS-189/U TS-202/U TS-220/TSM TS-237()/TRC-8 TS-252/AP TS-317/U TS-345/ART-22 TS-423()/TPQ-3 TS-571()/FT TS-589()/U
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SIMULATORSCATEGORY I

<u>Air Force</u>	<u>Army</u>	<u>Bureau of Ships</u>	<u>Bureau of Weapons</u>
AN/GJW-T2	AN/TAM-1()	AN/UPM-81	
AN/GPM-4OA	AN/TAM-2()	AN/URM-14	
AN/GPM-44	OA-2010/MSW-4		
AN/GPS-T4(V)	OA-2060/MSW-4		
AN/GSM-7	SM-65()/UP		
AN/GSM-15	SM-104/GP		
AN/URM-14	SM-140/TPX		
OA-2749/FPS-26	SM-154()/MPQ-4A		
SM-26A/U	SM-193()/FJW-1		
SM-42/U	SM-253()/ASM-57		
SM-67/G	SM-254()/ASM-54		
SM-131/GMD	TS-102()/AP		
SM-190A/APS-95	TS-1624()/ASM-57		
SM-276/APM-170	TS-1641()/APN-129(V)		

CATEGORY II

AN/APG-T1	AN/MSQ-1-T1	SM-65/UP
AN/APN-T5	AN/MSQ-1A-T1	SM-239/T
AN/APQ-T4	AN/TSM-43	SM-240/T
AN/APQ-T9	AN/UPM-65	TS-83/ASQ-3
AN/ASG-15-T1	MX-1695/DSM	TS-84/ASQ-3
AN/ASQ-T1	OA-758/MSE-2	TS-102/AP
AN/GPM-40	RO-104/AJQ	TS-122/ARM
AN/MSM-51	SM-26/U	TS-160/ASQ-2

SONAR SYSTEM TEST EQUIPMENTCATEGORY I

<u>Air Force</u>	<u>Army</u>	<u>Bureau of Ships</u>	<u>Bureau of Weapons</u>
		AN/WQM-4	

CATEGORY II

AN/UQM-1	OCP-1	OCP-4A
AN/UQM-2	OCP-2	TS-319/URM-1
AN/WQM-3	OCP-3	TS-320/URM-1
OAX	OCP-4	X-OCP
OCP		

SPECTRUM ANALYZERSCATEGORY I

<u>Air Force</u>	<u>Army</u>	<u>Bureau of Ships</u>	<u>Bureau of Weapons</u>
AN/UPM-28B	AN/UPM-33	AN/UPM-33A	AN/UPM-33A
AN/UPM-33A	AN/UPM-33A	AN/UPM-44C	AN/UPM-44C
AN/UPM-44C	AN/UPM-58()	TS-723A/U	AN/UPM-84A
AN/UPM-84A	TS-148()/UP	TS-1379/U	TS-723()/U
TS-333/AP	TS-454()/U		TS-723A/U
TS-723A/U	TS-723()/U		
TS-890A/URN-3			

CATEGORY II

AN/UPM-17	AN/UPM-44A	AN/URM-134
AN/UPM-28	AN/UPM-44B	TS-148/UP
AN/UPM-28A	AN/UPM-84	TS-148A/UR
AN/UPM-44	AN/URM-132	TS-723/U

STROBOSCOPESCATEGORY I

<u>Air Force</u>	<u>Army</u>	<u>Bureau of Ships</u>	<u>Bureau of Weapons</u>
TS-573B/UP	TS-805()/U		TS-969/U
	TS-806()/U		

CATEGORY II

TS-805/U	TS-805A/U
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SYNCHRO-SERVO-GYRO TEST EQUIPMENTCATEGORY I

<u>Air Force</u>	<u>Army</u>	<u>Bureau of Ships</u>	<u>Bureau of Weapons</u>
AN/AJM-11	AN/ASM-24()	TS-911/U	TS-1025/MPM-39
AN/AJM-12	AN/ASM-63()		TS-1026/MPM-39
AN/AJM-13	AN/MPM-47		TS-1326/DSM
AN/ASQ-66	AN/MPM-48		
AN/DJM-5	AN/MPM-48A		
IE-79-()	MX-3723()/ASW-12(V)		
MT-2619/AJM-10	MX-4042()/ASW-12(V)		
TS-203/AP	SB-1430()/ASN-33		
TS-713A/U	TS-1086()/U		



Synchro-Servo-Gyro Test Equipment (cont'd)

CATEGORY I (cont'd)

<u>Air Force</u>	<u>Army</u>	<u>Bureau of Ships</u>	<u>Bureau of Weapons</u>
	TS-1275()/ASN-23		
	TS-1342()/ASM-24		
	TS-1644()/ASW-12(V)		
	TS-1653()/ASW-12(V)		
	TS-1660()/ASW-12(V)		
	TS-1663()/ASW-12(V)		
	TS-1705()/ASW-22		

CATEGORY II

AN/GPM-8	AN/MPM-32	TS-653/APG
AN/GPM-10	AN/MPM-33	TS-713/U
AN/GPM-12	AN/USM-17	TS-874/DSM
AN/MPM-31	AN/USM-134	TS-1077/G

TELEPHONE, TELEGRAPH AND TELETYPE TEST EQUIPMENT (DATA LINK)

CATEGORY I

<u>Air Force</u>	<u>Army</u>	<u>Bureau of Ships</u>	<u>Bureau of Weapons</u>
AN/PTM-6	AN/FCM-5()	AN/PGM-1A	
AN/TSM-22	AN/GCM-1()	TS-1060A/GG	
AN/TSM-28	AN/PGM-1()		
AN/TSM-29	AN/UGM-2()		
AN/TSM-50	I-142-()		
AN/UGM-3	TS-2/TG		
I-49	TS-26()/TSM		
TS-2B/TG	TS-26/TSM		
TS-26/TSM	TS-27B/TSM		
TS-27B/TSM	TS-140()/PCM		
TS-140/PCM	TS-383()/GG		
TS-383A/GG	TS-559()/FT		
TS-563A/FT	TS-563()/FT		
TS-700/PT	TS-563A/FT		
TS-712/TCC-11	TS-569()/FT		
TS-917/GM	TS-577()/FG		
TS-996/ARR-44	TS-698/FTM		
AN/TSM-26	TS-699()/FTM		
	TS-700()/FTM		
	TS-712()/TCC-11		
	TS-715()/FTC		
	TS-716()/U		
	TS-785()/GG		
	TS-816()/U		
	TS-888()/UG		
	TS-963/GSQ		
	TS-1060()/GG		
	TS-1715()/P		

Telephone, Telegraph and Teletype Test Equipment (Data Link) (cont'd)

CATEGORY II

AN/FCM-4()	TS-27/TSM	TS-612()/FG
AN/GGM-2	TS-27A/TSM	TS-652/GG
AN/PGM-1	TS-286()/TRC-5	TS-658/UG
AN/PSM-10	TS-365/GT	TS-659(XN)/UG
AN/PTM-6()	TS-383/GG	TS-659/UG
AN/TSM-23	TS-383B/GG	TS-661()/PT
AN/TSM-24	TS-550()/G	TS-662()/GT
AN/TSM-25	TS-560()/FT	TS-695()/FTM
I-142	TS-561()/FT	TS-708()/FRC-10
I-142-B	TS-568()/FT	TS-725()/TTQ-3
TS-2A/TG	TS-570()/FT	TS-917()/GG
TS-27()/TSM	TS-611/FG	

TRANSDUCERS

CATEGORY I

<u>Air Force</u>	<u>Army</u>	<u>Bureau of Ships</u>	<u>Bureau of Weapons</u>
AN/DJM-6	TS-1657()/ASW-12(V)	TR-127/WQM TR-128/WQM TR-129/WQM	

TUBE TESTERS

CATEGORY I

<u>Air Force</u>	<u>Army</u>	<u>Bureau of Ships</u>	<u>Bureau of Weapons</u>
AN/URM-78	AN/USM-31()	AN/USM-113	AN/USM-119
AN/USM-118A	AN/USM-119	AN/USM-118A	TV-7()/U
TS-1706/APM-172	I-157-()	AN/USM-119	
TV-6/U	TV-2()/U	MX-2012/U	
TV-7/U	TV-6()/U	OAW-1	
	TV-7()/U	TV-6/U	
		TV-7D/U	

CATEGORY II

AN/USM-23()	OAL	OZ
AN/USM-23	OAW	OZ-1
AN/USM-31	OCL	OZ-2
AN/USM-118	OD-7	OZ-3
I-177-()	OQ	TS-9/ASQ-3
I-177-A	OQ-1	TS-9A/ASQ-3
I-177-B	OQ-2	TS-313/U
MX-1258/U	OQ-3	TV-2/U

Tube Testers (cont'd)

CATEGORY II (cont'd)

TV-2A/U	TV-7A/U	TV-10/U
TV-3/U	TV-7B/U	TV-10A/U
TV-3A/U	TV-7C/U	TV-10B/U
TV-3B/U	TV-10()/U	TV-10C/U
TV-3C/U		

VOLTMETERS AND VTVM'S

CATEGORY I

<u>Air Force</u>	<u>Army</u>	<u>Bureau of Ships</u>	<u>Bureau of Weapons</u>
AN/PSM-3	AN/URM-93()	AN/PSM-3	AN/PSM-3
AN/UPM-18A	AN/URM-94()	AN/USM-143	AN/URM-45
AN/URM-94	AN/USM-90	ME-6E/U	AN/USM-143
AN/URM-95	AN/USM-98()	TS-89C/AP	ME-30A/U
CM-236/FSA	IS-114	TS-265/UP	TS-89B/AP
CM-237/FSA	IS-185	TS-340/U	TS-265()/UP
CM-238/FSA	ME-30()/U	TS-376/U	TS-453/U
CM-244/FSA	ME-56()/TSM	TS-1333/U	TS-487/U
ME-30A/U	ME-147()/U		TS-1333/U
MX-1019/U	ME-223()/APN-129(V)		
TS-132A/TPS-1	ME-227()/U		
TS-340/U	MX-2517()/U		
TS-443/U	TS-265()/UP		
TS-453/U	TS-340()/U		
	TS-359()/U		
	TS-443()/U		

CATEGORY II

AN/UPM-18	ME-111/U	TS-222/MPM-1
AN/USM-98	ME-207/U	TS-322/URM-1
AN/USM-106	OBQ	TS-359/U
I-10	TS-18/AP	TS-359A/U
I-13	TS-89/AP	TS-363()/U
I-114	TS-89A/AP	TS-375/U
IS-189	TS-98/AP	TS-375A/U
ME-30/U	TS-106()/TPM-1	TS-462/U
ME-74/U	TS-132/TPS-1	TS-518/U

VSWR AND MICROWAVE TEST EQUIPMENT

CATEGORY I

<u>Air Force</u>	<u>Army</u>	<u>Bureau of Ships</u>	<u>Bureau of Weapons</u>
AN/GRM-53	AN/UPM-108	AN/USM-37B	AN/USM-37A
AN/GRM-54	AN/USM-37()	AN/USM-114	
AN/UPM-12A	IM-92()/U	IM-89/UR	
AN/UPM-25()	IM-97/USM-37		
AN/UPM-27A	TS-130()/UP		
AN/USM-35			
I-148-A			
IM-23A/U			
IM-81A/UP			
MX-1020A/U			
TS-12/AP			
TS-130A/U			
TS-378/UP			

CATEGORY II

AN/UPM-12	I-224-()	TS-130/UP
AN/UPM-24()	IM-23/U	TS-145()/TRC-6
AN/UPM-27	IM-28/U	TS-525/ARN
AN/URM-60	IM-81/UP	TS-639/U
AN/USM-37	MX-1020/U	TS-641/U
CU-107/U	OAK	





PART IV

This section is a cross-reference from Military Nomenclature Test Equipment to appropriate Instruction Manual. Entries are made from the different manuals known to exist.



NOMENCLATURE	TECHNICAL ORDER	TECHNICAL MANUAL	NAVSHIPS	NAVWEPS
AN/AJM-11	33D7-47-7-			
AN/AJM-12	33D7-9-3-			
AN/AJM-13	33D7-9-4-			
AN/AJM-14(V)	33D5-12-126-1			
AN/ALA-3				16-1-522 16-30ALA3-
AN/APM-3A	33A1-3-2-4			16-30APM3-
AN/APM-60	33A1-3-113-			16-35APM60-
AN/APM-66	33A1-3-93-			16-30APM66-
AN/APM-67	33A1-3-77-			
AN/APM-68	33A1-3-101-			
AN/APM-79				16-30APM79-
AN/APM-82(XN-1)				16-30APM82-
AN/APM-102	33A1-3-130-			
AN/APM-103	33A1-3-138-			
AN/APM-104	33A1-3-131-			
AN/APM-105	33A1-3-132-			
AN/APM-106	33A1-3-133-			
AN/APM-107	33A1-3-134-			
AN/APM-108	33A1-3-135-			
AN/APM-109	33A1-3-136-			
AN/APM-110	33A1-3-137-			
AN/APM-127	33A1-3-156-			
AN/APM-170	33D7-44-44			
AN/APM-171	33D7-36-5-			
AN/APM-172	33D7-29-8-			
AN/APM-173	33D7-20-8-			
AN/APM-174	33D7-29-9-			
AN/APM-175	33A1-3-180-			
AN/ARM-1	33A1-3-3-			
AN/ARM-5		11-518 11-518A		16-30ARM5-
AN/ARM-6	33A1-7-2-			
AN/ARM-7	33A1-7-3- 33A1-3-91			



NOMENCLATURE	TECHNICAL ORDER	TECHNICAL MANUAL	NAVSHIPS	NAVWEPS
AN/ARM-8	33A1-3-207-			
AN/ARM-8A	33A1-3-207-			
AN/ARM-10	33A1-3-92-			
AN/ARM-11	33A1-3-118			
AN/ARM-11B	33A1-3-118-			
AN/ARM-15	12R3-2ARW-59			
AN/ARM-20				16-30ARM20-
AN/ARM-22	33A1-3-119-			16-30ARM22-
AN/ARM-24	33A1-3-127-			16-30ARM24-
AN/ARM-25	33A1-10-34-			16-30ARM25-
AN/ARM-25A	33A1-10-34-			
AN/ARM-32				16-45-619
AN/ARM-41	33D7-38-5-			
AN/ARM-42	33A1-3-119			
AN/ARM-56	33D7-4-6 -			
AN/ASM-2A	33AA20-20-			16-30ASM2-
AN/ASM-64	33D7-3-13-			
AN/ASM-72	33D7-3-14 -			
AN/ASM-75	33D7-4-8-			
AN/BQM-1			92150	
AN/DJM-2A	33DA1-5-			
AN/DJM-5	33D9-66-2-			
AN/DJM-6(XAA-1)	33D9-17-9-			
AN/DJM-7(XAA-1)	33D9-67-2-			
AN/DJM-7(XAA-2)	33D9-67-2-			
AN/DJM-9	33D9-15-5-			
AN/DJM-10	33D9-65-2-			
AN/DJM-11	33D9-6-11-			
AN/DSM-4				16-30DSM4- 16-45-689
AN/DSM-4A				16-30DSM4-
AN/DSM-4B				16-45-689
AN/DSM-64	33D2-31-3 -			
AN/DSM-64A	33D2-31-3 -			
AN/FCM-5		11-2030		

NOMENCLATURE	TECHNICAL ORDER	TECHNICAL MANUAL	NAVSHIPS	NAVWEPS
AN/FCM-5A		11-2030		
AN/FCM-5B		11-2030		
AN/FRM-3			91320A	
AN/FSM-3	33D7-7-2-	11-2606		
AN/GJQ-5	33D9-30-9-			
AN/GJQ-9	33D9-74-10-			
AN/GMM-1		11-2440		
AN/GPM-1		11-1080 11-1080A		
AN/GPM-4	33D5-5-2-			
AN/GPM-5	33D5-5-3-			
AN/GPM-6	33D5-12-4-			
AN/GPM-7	33D2-6-2-			
AN/GPM-8	33D5-2-2			
AN/GPM-10	33D5-3-2-			
AN/GPM-11	33D 5-14-7-			
AN/GPM-12	33AA1-2-			
AN/GPM-13	33AA1-3-			
AN/GPM-14	33D5-8-2-			16-30GPM14-
AN/GPM-15	33A1-8-2-			17-20AG-52
AN/GPM-17	33A1-3-107			
AN/GPM-25	33D5-8-52-			
AN/GPM-40	33A1-3-107-			
AN/GPM-40A	33A1-3-107-			
AN/GPM-44	33D9-44-3-			
AN/GRM-4	33A1-8-3-			16-30GRM4-
AN/GRM-10	33D7-38-6-			
AN/GRM-51	33A1-3-202-			
AN/GSM-1		11-2535		
AN/GSM-1B	33A1-3-5	11-2535A		
AN/GSM-1C	33A1-3-5			
AN/GSM-2	33D7-6-3-			
AN/GSM-7	33A1-9-129-			
AN/GSM-73	33D7-4-7- 33D7-6-9- 33D2-4-7-			

NOMENCLATURE	TECHNICAL ORDER	TECHNICAL MANUAL	NAVSHIPS	NAVWEPS
AN/GWM-2A	33D9-26-3-			
AN/GWM-5	33D5-12-25-			
AN/GWM-6	33D5-12-25-			
AN/MPM-2		11-1211		
AN/MPM-5	33A1-13-3-			
AN/MPM-10	33A1-13-4-			
AN/MPM-12	33A1-13-5-			
AN/MPM-13	33A1-13-6-			
AN/MPM-15	33D7-49-17-			
AN/MPM-23		11-1250		
AN/MPM-24		11-1259		
AN/MRM-3	33D7-38-12-			
AN/MSM-12		9-9508-1-30		
AN/PDR-T1		11-5514		
AN/PDR-T1A		11-5514		
AN/PDR-T1B		11-5514		
AN/PDR-10A			91507A	
AN/PDR-10B			91723 981047	
AN/PDR-10C			91954 981047	
AN/PDR-10D			92162 981047 981146	
AN/PDR-27()		11-5543		
AN/PDR-27			91341 98429	
AN/PDR-27T1A			92071	
AN/PDR-27A			91424A 98429	
AN/PDR-27C			91444 98429 98971	
AN/PDR-27CY			93086	
AN/PDR-27D			98429	
AN/PDR-27E			91685 98429 91685	
AN/PDR-27F			91856 98429	

NOMENCLATURE	TECHNICAL ORDER	TECHNICAL MANUAL	NAVSHIPS	NAVWEPS
AN/PDR-27G			92071	
AN/PDR-27H			92126	
AN/PDR-27J			93218	
AN/PDR-27K			91685	
AN/PDR-39		11-5514A		
AN/PDR-43			93225 A	
AN/PDR-43A			93562 98562	
AN/PDR-54			93330	
AN/PGM-1	33A1-12-172-		91945	
AN/PGM-1B			94491	
AN/PPM-1		11-2678		17-20AG-02
AN/PQM-1			91657	
AN/PQM-1A			92277	
AN/PRM-1	33A1-4-3-		91255 98272	
AN/PRM-1A	33A1-4-3-		91806	
AN/PRM-1B			92263	
AN/PRM-10	33A1-8-5-			16-30PRM10- 17-20AG-48
AN/PRM-15		11-5090		
AN/PRM-20	33A1-8-125-			
AN/PSM-1	33A1-4-5-		91430	
AN/PSM-1A	33A1-4-5-		91608A	
AN/PSM-2	33A1-4-5-		91430	
AN/PSM-2A	33A1-4-5-		91608A	
AN/PSM-3	33A1-12-155-			16-30PSM3-
AN/PSM-4			91583	16-30PSM3- 16-45-632 17-15KC-7
AN/PSM-4A			92051	
AN/PSM-6	33A1-12-2-			
AN/PSM-6A	33A1-12-2-			
AN/PSM-7	33A1-8-114-			
AN/PSM-10	33A1-3-105-			
AN/PTM-6	33A1-13-106-			
AN/SPM-5				OP 2347

NOMENCLATURE	TECHNICAL ORDER	TECHNICAL MANUAL	NAVSHIPS	NAVWEPS
AN/SPM-5A				OP 2857
AN/SPM-6A				OP 3044
AN/SPM-13				OP 2954
AN/SPM-13A				OP 3059
AN/SQM-1			93417 981340	
AN/TNH-2		11-2583		
AN/TNH-2A		11-2583A		
AN/TNH-3		11-2578		
AN/TNH-5		11-2598-10		
AN/TRM-1				16-30TRM1-
AN/TRM-3	33A1-3-99-			16-30TRM-3-
AN/TSM-2		11-2672		
AN/TSM-16	33A1-5-73-			
AN/TSM-22	33A1-8-148-			
AN/TSM-26	33A1-8-149-			
AN/TSM-28	33D9-112-2-			
AN/TSM-29	33A1-8-150-			
AN/UDM-1		11-1176	91809 98542 98878	
AN/UDM-1A			93204	
AN/UPA-1A			91049	
AN/UPA-1B			91473	
AN/UPA-39	33A1-3-117-			
AN/UPA-39A	33A1-3-117-			
AN/UPM-1	33A1-3-6-		900845	16-30UPM1-
AN/UPM-1A	33A1-3-6-		900845	16-30UPM1-
AN/UPM-1B	33A1-3-6-		900845 SHIPS 38D-1 SHIPS 236	16-30UPM1-
AN/UPM-2			900452 900452-1B	16-30UPM2- 17-20GF-03
AN/UPM-4A	33A1-3-7-		91556A	16-30UPM4-
AN/UPM-4B			91644 91644.1 91644.2 91644.3 91644.4	



NOMENCLATURE	TECHNICAL ORDER	TECHNICAL MANUAL	NAVSHIPS	NAVWEPS
AN/UPM-6(XN-21)			900951	
AN/UPM-6A	33A1-3-8-	11-1175	98284 91467A	
AN/UPM-6B	33A1-3-8-	11-1175	98284 91467A	
AN/UPM-7			SHIPS 344A	
AN/UPM-8B				16-30UPM8-
AN/UPM-9	33A1-3-126-			16-30UPM9-
AN/UPM-9A	33A1-3-126-			16-30UPM9-
AN/UPM-10	33A1-3-1- 33A1-3-10			
AN/UPM-10A	33A1-3-10			
AN/UPM-10B	33A1-3-10-		92924	
AN/UPM-11	33A1-10-2-			16-30UPM11-
AN/UPM-11A	33A1-10-3			16-30UPM11-
AN/UPM-12	33A1-3-87-			
AN/UPM-12A	33A1-3-87-			
AN/UPM-14				16-30UPM14-
AN/UPM-15	33A1-8-6-			
AN/UPM-15A	33A1-8-6-			
AN/UPM-16	33A1-6-2-			
AN/UPM-17	33A1-13-8-			
AN/UPM-18	33AA-22-2-			
AN/UPM-19A	33A1-8-7-			
AN/UPM-19B	33A1-8-8-			
AN/UPM-19C	33D9-8-4- 33A1-8-8-			
AN/UPM-24	33A1-3-16- 33A1-6-6-			
AN/UPM-24A	33A1-6-6-			
AN/UPM-25	33A1-3-11-			
AN/UPM-26				16-30UPM26-
AN/UPM-27	33A1-6-31-			
AN/UPM-27A	33A1-6-31-			
AN/UPM-28	33A1-13-15-			
AN/UPM-28A	33A1-3-51-			
AN/UPM-29	33A1-3-95-			

NOMENCLATURE	TECHNICAL ORDER	TECHNICAL MANUAL	NAVSHIPS	NAVWEPS
AN/UPM-29A	33A1-3-95-			OP 2620
AN/UPM-29B	33A1-3-95-			
AN/UPM-32	33A1-3-124- 33D9-8-4-	11-6625-271-10		16-30UPM32- 16-35V206-
AN/UPM-33	33A1-5-3-			16-30UPM33-
AN/UPM-33A				16-30UPM33-
AN/UPM-34	33AA20-2-			
AN/UPM-35	33D5-5-4			
AN/UPM-36	33A1-8-9-			
AN/UPM-37	33A1-8-10-			
AN/UPM-40	33A1-10-27-			
AN/UPM-41	33A1-3-12-			
AN/UPM-42	33D5-8-9-			16-30UPM42-
AN/UPM-44	33A1-3-111-			16-30UPM44-
AN/UPM-44A				16-30UPM44-
AN/UPM-44B	33A1-3-111-			16-30UPM44-
AN/UPM-44C	33A1-3-111-			16-30UPM44-
AN/UPM-46	33A1-8-194-			16-30UPM46-
AN/UPM-50	33AA7-28-			
AN/UPM-53	33A1-3-104-			
AN/UPM-55				16-30UPM55-
AN/UPM-55A				16-30UPM55-
AN/UPM-56	33A1-8-136-		92064	
AN/UPM-56A	33A1-8-136-			
AN/UPM-58		11-5099		
AN/UPM-60	33A1-3-108			
AN/UPM-60A		11-6625-228-12		
AN/UPM-63	33A1-8-95-			
AN/UPM-65	33D5-8-5-			
AN/UPM-66	33D5-8-15-			
AN/UPM-68	33A1-3-103			
AN/UPM-70			92539	16-30UPM70-
AN/UPM-70A			92539 93528	
AN/UPM-72	33A1-3-112-			

NOMENCLATURE	TECHNICAL ORDER	TECHNICAL MANUAL	NAVSHIPS	NAVWEPS
AN/UPM-80	33A1-3-152-			
AN/UPM-84	33A1-13-57-			16-30UPM84-
AN/UPM-93	33A1-5-72			
AN/UPM-97	33D7-44-42-			
AN/UPM-98	33D9-44-4-		93576.21 93576.32 93576A	
AN/UPM-99	33D9-44-3-		93520A 93520.21 93520.61	
AN/UPM-109				16-30UPM109-
AN/UPM-114				16-30UPM-114
AN/UQM-1			92979A	
AN/URM-1				16-30URM1-
AN/URM-3	33A1-14-2-			
AN/URM-6	33A1-7-29-		91196	
AN/URM-6A	33A1-7-29-			
AN/URM-6B	33A1-7-29-		91683	
AN/URM-7	33A1-7-3-			
AN/URM-11	33D1-7-2-			
AN/URM-12	33A1-12-3-			
AN/URM-13	33AA7-2-			
AN/URM-14	33A1-12-4-			
AN/URM-15	33A1-8-11-			
AN/URM-17	33A1-4-8-		91388	
AN/URM-18	33A1-5-59-	11-2665		
AN/URM-20	33A1-7-4-			
AN/URM-23	33A1-7-6-	11-5128		16-30URM23-
AN/URM-24	33A1-7-7-			16-30URM24-
AN/URM-25	33A1-7-24- 33A1-8-12-	11-5551	91283	17-20AG-43
AN/URM-25A			91379	17-20AG-43
AN/URM-25B		11-5551B	91472	
AN/URM-25C		11-5551C	91633	17-20AG-43
AN/URM-25D	33A1-8-12-	11-5551-D	92134A 92134	16-30URM25-
AN/URM-25E				16-30DRM3-

NOMENCLATURE	TECHNICAL ORDER	TECHNICAL MANUAL	NAVSHIPS	NAVWEPS
AN/URM-25F	33A1-8-12-	11-5551E	92495	16-3OURM25-
AN/URM-26			91474	17-20GG-06
AN/URM-26A	33A1-8-134-		92482	16-3OURM26- 17-20GG-05
AN/URM-26B	33A1-8-134-			16-3OURM26- 17-20GG-06
AN/URM-27	33A1-8-13-	11-5522		
AN/URM-30	33A1-13-7- 33A1-7-8-			
AN/URM-32	33A1-5-65-	11-5120		
AN/URM-32A	33A1-5-65-			
AN/URM-33	33A1-8-14-			
AN/URM-34	33A1-8-15-			
AN/URM-35	33A1-8-16-			
AN/URM-36	33A1-8-17-			
AN/URM-39			92123	
AN/URM-42			92363	
AN/URM-43	33A1-7-9-		91551 91118	
AN/URM-43A	33A1-7-9-			16-3OURM43-
AN/URM-43B	33A1-3-14-			
AN/URM-44	33A1-3-14-			16-3OURM44-
AN/URM-45				16-3OASA36-
AN/URM-47	33A1-14-3-		92147	
AN/URM-48	33A1-8-18-	11-1257		
AN/URM-49	33A1-8-19-			16-3OURM49-
AN/URM-49A	33A1-8-19-			
AN/URM-50			91946	
AN/URM-52	33A1-8-20-			16-3OURM52- 17-20GG-03
AN/URM-52A	33A1-8-20-			16-3OURM52- 17-20GG-03
AN/URM-53	33A1-8-256-			
AN/URM-54	33A1-8-226-			
AN/URM-55	33A1-8-227-			
AN/URM-56	33A1-8-228- 33AA7-3-3			
AN/URM-57	33AA7-3-			

NOMENCLATURE	TECHNICAL ORDER	TECHNICAL MANUAL	NAVSHIPS	NAVWEPS
AN/URM-58	33AA7-34-			16-3OURM58-
AN/URM-59	33AA7-4-			
AN/URM-61	33A1-8-21-			16-3OURM61-
AN/URM-62	33AA7-11-			16-35DA22-
AN/URM-64	33A1-8-86-		91434	16-3OURM64-
AN/URM-64A	33A1-8-86-			16-3OURM64-
AN/URM-65	33A1-12-116-			
AN/URM-67	33A1-13-50- 33A1-12-165-			
AN/URM-70		11-1258		
AN/URM-74			92617	
AN/URM-75				16-3OURM75-
AN/URM-76	33A1-12-153-			
AN/URM-76A	33A1-12-153-			
AN/URM-78	33A1-8-116-			
AN/URM-79	33A1-5-15-	11-5094		
AN/URM-80	33A1-5-63-	11-5095		
AN/URM-81	33A1-5-57-	11-5096		
AN/URM-82	33A1-5-15-	11-5094		
AN/URM-89				
AN/URM-90	33A1-6-32-	11-2646A		17-20AZ-02
AN/URM-91	33A1-4-33-	11-5041		
AN/URM-94	33A1-3-116-	11-214-15		
AN/URM-96	33A1-5-111-			
AN/URM-98	33A1-7-30-	11-5124		
AN/USM-3	33A1-8-22-		91146	
AN/USM-3A			91688 91688-1 98358	16-3OUSM3-
AN/USM-6	33A1-6-23-			
AN/USM-7	33A1-6-3-			
AN/USM-11	33A1-6-28-			
AN/USM-14	33A1-6-30-			
AN/USM-16	33A1-8-23 33AA36-5-			16-3OUSM16-
AN/USM-17	33D5-8-3-			
AN/USM-18	33A1-12-5-			



NOMENCLATURE	TECHNICAL ORDER	TECHNICAL MANUAL	NAVSHIPS	NAVWEPS
AN/USM-20	33D7-6-4-			
AN/USM-21	33A1-12-158-			
AN/USM-21A	33A1-12-158-			16-30USM-21-
AN/USM-22	33A1-5-4-			
AN/USM-23			91936	
AN/USM-24	33A1-13-9-	11-5103	91687A	16-30USM24-
AN/USM-24A	33A1-13-10-			
AN/USM-24B	33A1-13-9-			
AN/USM-24C	33A1-13-9-	11-5103A		16-30USM24-
AN/USM-25				16-30USM25-
AN/USM-25A	33A1-13-49-			16-30USM25-
AN/USM-25B	33A1-13-49-			16-30USM25-
AN/USM-26	33A1-5-5-	11-5057		16-30USM26-
AN/USM-26A	33A1-7-43-			
AN/USM-27			91561	
AN/USM-27A			91826	
AN/USM-27B			92016	
AN/USM-29	33A1-5-6-		91938	16-30USM29-
AN/USM-31	33AA21-2-		91734	17-20AY-06
AN/USM-32	33A1-13-52-	11-5123	92257	16-30USM32-
AN/USM-33	33A1-12-126-			
AN/USM-34	33A1-12-311- 33A1-12-159-		92197	
AN/USM-34A			92197-2	
AN/USM-37	33A1-6-33-		92036	
AN/USM-38	33A1-13-53-			
AN/USM-39	33D2-8-17-			
AN/USM-44	33A1-8-119-			16-30USM44 - 16-30ARN32- 17-20AG-06
AN/USM-44A	33A1-8-119-			16-30DRM3- 16-30USM44- 17-20AG-06
AN/USM-45	33A1-5-66-			16-30USM45-
AN/USM-50	33A1-13-56	11-5129		
AN/USM-50A	33A1-13-56-			
AN/USM-50B	33A1-13-56-			

NOMENCLATURE	TECHNICAL ORDER	TECHNICAL MANUAL	NAVSHIPS	NAVWEPS
AN/USM-50C	33A1-13-56-			
AN/USM-55 (XN-1)			92498	
AN/USM-58	33A1-3-97-			
AN/USM-63	33A1-12-64-			
AN/USM-68	33A1-7-33-			16-30USM68-
AN/USM-74	33D2-8-32-			17-15C-83
AN/USM-89A	33A1-13-133-			
AN/USM-97			93300	
AN/USM-98	33A1-12-245			16-30ASM40- 16-30ASM41- 16-30ASM42-
AN/USM-105			93482 A	
AN/USM-105A			93658	
AN/USM-106			93362	
AN/USM-118A	33A1-3-220-			
AN/USM-144				16-30USM144-
AN/UVM-1	33A1-8-124- 33A1-8-125-			
BC-221	33A1-5-19			
BC-376	33A1-8-24-			
BC-376-A				16-4OBC376-
BC-376-B				16-4OBC376-
BC-376-C				16-4OBC376-
BC-376-D				16-4OBC376-
BC-376-E				16-4OBC376-
BC-376-F				16-4OBC376-
BC-376-G				16-4OBC376-
BC-376-H	33A1-8-24-			16-4OBC376-
BC-376-K				16-4OBC376-
BC-376-L	33A1-8-24-			
BC-1060-A		11-2526		
CN-45/UP				16-5S-511
CV-1028/USM-45	33A1-5-66-			16-30USM45-
DA-18/U	33A1-8-18-			
DA-21/U				16-35DA21-
DA-22/U	33AA7-11-			

NOMENCLATURE	TECHNICAL ORDER	TECHNICAL MANUAL	NAVSHIPS	NAVWEPS
DA-43/U				16-35DA43-
DA-64A/UP	33AA7-29-	11-1095		
DA-64B/UP	33AA7-29-	11-1095		
DA-67/U				16-35DA67-
DA-68/U				16-35DA68-
DA-79/U				16-35MK128-
DA-90/U	33AA7-26-			
DA-91/U			93656	
DA-127/MPS-16	33AA7-35-			
DA-146/U				16-30APS88-
DA-148/U				16-30APS80-
FR-4/U	33A1-5-15-			
FR-5/U	33A1-5-63-			
FR-6/U	33A1-5-57-1			
FR-7(XN-2)/UP			91446	
FR-36/U			91930	
FR-36B/U			93542	
FR-38/U				16-30USM26-
FR-38A/U				17-20AF-06
FR-47(XN-1)/U			91502	
FR-47/U	33A1-5-6-1			
FR-67/U	33A1-5-61-	11-2698		
FR-72/UP	33D5-8-7-			
FR-83()/U	33A1-5-67-			
I-48-B	33A1-4-10-	11-2050		
I-49	33A1-12-15-	11-2017 11-2019		
I-49-A		11-2017 11-2019		
I-49-B		11-2017 11-2019		
I-51	33A1-6-4-	11-376		
I-56-C		11-303		
I-56-D		11-303		
I-56-E	33A1-3-18-1	11-321		
I-56-N		11-303		

NOMENCLATURE	TECHNICAL ORDER	TECHNICAL MANUAL	NAVSHIPS	NAVWEPS
I-56-P		11-303		
I-61-A		11-346		
I-61-B		11-346		
I-61-C		11-346		
I-61-D	33A1-5-17-1			
I-72-A	33A1-3-17-1 33A1-8-32-2			
I-81-F				16-40SCR269-
I-82-F				16-40SCR269-
I-83-F	33A1-12-17-2			
I-97-A	33A1-10-6-1			
I-100-A	33A1-12-18-			16-40I100-
I-100-B	33A1-12-18-			16-40I100-
I-129	33A1-5-18-1			
I-129-A		11-304		
I-129-B		11-304		
I-134	33A1-13-48-14			
I-139-A	33A1-12-19-4			
I-142	33A1-13-13	11-2062		
I-142-A	33A1-13-13	11-2062		
I-142-B	33A1-13-13			
I-151	33A1-8-34-1			
I-151-A		11-2524		
I-155-A				08-5Q-282
I-157-A	33A1-12-21	11-1209		
I-166	33A1-12-22-1			
I-167	33A1-12-101-4			
I-173-A	33A1-8-35-1			
I-176	33A1-12-23-1	11-2626		
I-177	33AA21-3-1	11-2627		
I-181	33A1-12-24-1			
I-181-B	33A1-12-24			
I-193	33A1-12-25			
I-193-A			95103	
I-196	33A1-3-2-			
I-196-A	33A1-3-30-2			16-40I196-

NOMENCLATURE	TECHNICAL ORDER	TECHNICAL MANUAL	NAVSHIPS	NAVWEPS
I-196-B	33A1-3-20-2			16-40I196-
I-199		11-2604		
I-199-A		11-2604		
I-201	33A1-12-26-2			
I-201-A	33A1-3-34-4			
I-201-B	33A1-12-26-11			
I-206-C	33A1-8-113-			
I-208	33A1-3-21-1			
I-209-A	33A1-3-23			
I-209-B	33A1-3-24-			
I-222-A	33A1-3-25			
I-223-A		11-2528		
I-231	33A1-3-26			
I-236	33A1-12-27-1	11-2056		
I-237	33A1-4-12-2			
I-240	33A1-10-9			
I-245-A	33A1-13-14-1	11-2689A		
I-245-B	33A1-13-15-1	11-2689		
IE-9-C	33A1-3-27-1	11-5026		
IE-12	33A1-3-28-2			
IE-17-E	33A1-3-29-1	11-311		
IE-19	33A1-3-30-			
IE-19A	33A1-3-30			16-10-111
IE-35-A				08-5Q-282
IE-36	33A1-13-16			
IE-37	33A1-3-31-1	11-5009		
IE-45A	33A1-3-32-2			
IE-56B	33A1-3-33-2			
IM-9A/PD			91975	
IM-9B/PD			91975	
IM-9C/PD			91618	
IM-9D/PD			91698	
IM-9F/PD			93781	
IM-20/PD			91975	
IM-23/U	33A1-6-5-			



NOMENCLATURE	TECHNICAL ORDER	TECHNICAL MANUAL	NAVSHIPS	NAVWEPS
IM-23A/U	33A1-6-5-			
IM-28/U	33A1-6-6-1			
IM-89/UR			92088	17-20GV-06
IM-92/U	33A1-6-34-11			
IM-135/PD			93203	
IS-189	33A1-12-29			
LAD			90012-1B	
LAE			900311	
LAE-2			900518 900518-1	
LAE-3			900806	
LAE-4			900806	
LAF			900516	
LAF-1			900585A	
LAF-2				08-45-32
LAF-3			900516 900567	
LAF-4	33A1-8-99-1			
LAG			900645 900891	
LAG-1			900645 900891	
LAJ			900378A 900378	
LAJ-1			900956	
LAJ-2			91143	
LAJ-4			91884	
LAK			91421	
LM-13				08-5Q-38
LM-15			900274	
LM-17			900276-1B 998-903X	
LM-18			91277 900002	16-45-509
LO-1			95110 900886	
LO-2			95111 900886	
LO-3			900285 900886	

NOMENCLATURE	TECHNICAL ORDER	TECHNICAL MANUAL	NAVSHIPS	NAVWEPS
LP			95112 900897	
LP-1			95113 900897	
LP-2			95114 900897	
LP-3			95115 900897	
LP-4			900897	
LP-5			900425	08-45-41
LR			95116 900890	
LR-1			95117 900890	
LR-2			95118 900890	
LR-3			91136 900890	
LX			95120 900913	
LX-1			900643	
LX-2			91130	
ME-1/U	33D2-6-60			
ME-2/U			91095	
ME-6/U	33A1-12-121-4		95564	17-20AE-27
ME-6A/U			91269	17-20AE-15
ME-6B/U	33A1-12-31-	11-5549A	91493	16-35ME6- 17-20AE-15
ME-6C/U	33A1-12-122-	11-5549B	91797	17-20AE-15
ME-6D/U	33A1-12-102-	11-5549C		
ME-11/U	33A1-7-9-1		91118	
ME-11A/U	33A1-7-9-11			16-30URM43-
ME-25/U			91159	
ME-25A/U			91415	
ME-26/U	33A1-12-98-1			
ME-26B/U	33A1-12-171-	11-6625-200-12		
ME-29/U	33A1-12-32-			
ME-30/U				17-15KC-
ME-30A/U	33A1-12-150-			
ME-71A/FCC	33A1-7-32-	11-2151		

NOMENCLATURE	TECHNICAL ORDER	TECHNICAL MANUAL	NAVSHIPS	NAVWEPS
ME-74/U	33A1-12-117-	11-5119	92523	17-20AE-15
ME-75/ARC-21	33A1-12-33-			
ME-111/U			93492	
ME-112/U	33A1-3-114-			
ME-153/U			93172	
MT-2619/AJM-10	33D7-9-3-			
MX-479/APN-6				16-40I100-3
MX-580/AP				16-35MX580-
MX-1019/U	33AA18-4-			
MX-1020/U	33AA18-5-			
MX-1258/U				16-35MX1258-
MX-1636/U				16-30USM26-
MX-1637/U	33A1-7-43-1			16-30USM26-
MX-2517()/U	33A1-12-256-1			
OAA-2			SHIPS 227	
OAK			95160	08-5R-1
OA0			SHIPS 240	
OA0-1			SHIPS 245	
OA0-2			SHIPS 269	
OAP	33A1-1-104		95163	
OAP-1			900001,-1B	
OAW				NAVAER 08-5S-103
OAW-1			900722	
OAX			900419	
OAX-1			900308	
OAY			95166	
OBL			900471-1B	
OBL-1			900227A	
OBL-2			900576	
OBL-3			900224-1B,-1B-1	
OBQ			900496 900894	
OBQ-1			900318 900895	
OBQ-2			900641 900896	

NOMENCLATURE	TECHNICAL ORDER	TECHNICAL MANUAL	NAVSHIPS	NAVWEPS
OBQ-3			900945	
OBQ-4			900988	
OBT			900296	
OBU-1			SHIPS 310A	
OBU-2			SHIPS 310A	
OBU-3			SHIPS 308B	
OBU-4			SHIPS 345A	
OCD			900646	
OCL			900807	
OCP-1			900811	
OCP-2			91577	
OCP-3			91601	
OCP-4			92184	
OCR-1			900739	
OD-7			95174	
OE-11				16-45-501
OE-12			900260	
OJ-1			95183	
OJ-2			95184	
OJ-3			900994	
OQ			95186 95187 SHIPS 52	
OQ-1			95188	
OQ-2			95189	
OQ-3			95190	
OS-1/U			92127B	
OS-4(XN-1)/AP			91788	
OS-4/AP	33A1-13-49			16-30USM25-
OS-4A/AP				16-30USM25-
OS-4B/AP				16-30USM25-
OS-5/U			91188	
OS-7/U			91248	
OS-8/U	33A1-13-19-		91272	
OS-8A/U	33A1-13-20-	11-1214	91364 981207	

NOMENCLATURE	TECHNICAL ORDER	TECHNICAL MANUAL	NAVSHIPS	NAVWEPS
OS-8B/U	33A1-13-21- 33A1-13-19-			16-350S8-
OS-8C/U	33A1-13-19-	11-1214A	92251	16-350S8-
OS-10A/U			91738	
OS-46/U	33A1-13-58-	11-5131		
OS-46A/U	33A1-13-58-			
OS-54/URN-3			92778	
OS-5001/U	33A1-13-58-			
OS-5001A/U	33A1-13-58-			
OZ			95198 95198-1 95200-1 95402	
OZ-1			95199 900346	
OZ-2			95198-1 95200 95200-1	
RD-31C/U		11-5502A		
RD-41B/U		11-5526		
RD-49/U			91365	
RD-49A/U			92842	
RD-87A/U		11-2584		
RD-92A/UX			91630 91401.32 91401.42	
RD-126/TFH-3		11-5302		
SG-1/ARN	33A1-8-47-			16-35SG1-
SG-1A/ARN	33A1-8-47-			16-35SG1-
SG-8/U	33A1-8-48-			
SG-12/U	33A1-8-18-1			
SG-13/ARN	33A1-8-50-	11-5556		
SG-15/PCM	33A1-3-35-			
SG-17/U			91085	
SG-18/U			91112	
SG-21/U			91303	17-20AG-51
SG-21A/U			91925	17-20AG-66 17-20AG-51
SG-21B/U			92204	17-20AG-66



NOMENCLATURE	TECHNICAL ORDER	TECHNICAL MANUAL	NAVSHIPS	NAWWEPS
SG-31/U			91381 91381.31 91381.41 91395	16-35SG31-
SG-31A/U	33A1-8-118-		91614	16-35SG-31-
SG-42/URM-18			91759	
SG-59/U	33A1-8-164-1			
SG-69A/PDM-1			92945A	
SG-71/FCC	33A1-8-147			
SG-71/FGG		11-5088		
SG-71A/FCC	33A1-8-147			
SG-82/U		11-901		
SG-121A/URN-3			92745	
SG-136/U	33A1-8-123-			
SG-184/GKA	33A1-8-128-			
SG-299/U	33A1-8-151-			
SG-299A/U	33A1-8-151-			
SG-299B/U	33A1-8-151-			
SG-321/U				16-35SG321-
SG-354/U			93399	
SM-26/U	33AA20-15-			
SM-26A/U	33A1-12-118-			
SM-67/G	33AA20-19-			
TS-2/TG	33A1-8-55-	11-2208		
TS-2A/TG	33A1-8-55-	11-2208		
TS-2B/TG	33A1-8-55-	11-2208		
TS-3/AP	33A1-3-38-			
TS-3A/AP	33A1-3-38-			
TS-7/ASQ				16-35TS7-
TS-8A/U				08-35TS8-
TS-9A/ASQ				08-35TS9-
TS-10/APN	33A1-10-11-			16-35TS10-
TS-10A/APN	33A1-10-11-			16-35TS10-
TS-10B/APN	33A1-10-11-			16-35TS10-
TS-10C/APN	33A1-10-11-			16-35TS10-
TS-12/AP				16-35TS12-

NOMENCLATURE	TECHNICAL ORDER	TECHNICAL MANUAL	NAVSHIPS	NAVWEPS
TS-13/AP	33A1-3-39-		SHIPS 239	
TS-14/AP			900012-1B	
TS-15/AP	33A1-4-13-	11-2559		
TS-15A/AP	33A1-4-13-	11-2559		
TS-15B/AP	33A1-4-13-	11-2559		
TS-15C/AP	33A1-4-13-	11-2559A		
TS-16/APN	33A1-10-12-			
TS-16A/APN	33A1-10-12-			
TS-16X/APN	33A1-10-12-			
TS-23/APN	33A1-3-42-			16-35TS23-
TS-23A/APN	33A1-3-42-			16-35TS23-
TS-24A/ARR-2				08-35PP106-
TS-26/TSM	33A1-12-38-			
TS-26A/TSM	33A1-12-38-			
TS-26B/TSM	33A1-12-38-			
TS-27/TSM	33A1-12-39-	11-2057		
TS-27B/TSM	33A1-12-40-	11-2057A		
TS-28/UPN	33A1-13-25-		900521A 98784	
TS-33/AP	33A1-3-44-			17-20GF-05
TS-34/AP	33A1-13-26-		95342	
TS-34A/AP	33A1-13-27-		95343	
TS-35/AP	33A1-3-45-		SHIPS 284	
TS-35A/AP	33A1-3-46-		SHIPS 339	
TS-36/AP	33A1-7-13-			
TS-41/CRN-1	33A1-3-47-			
TS-45/APM-3	33A1-3-48-			
TS-47/APR	33A1-8-57-	11-1034		16-35TS47-
TS-60/U	33A1-12-19- 33A1-3-30-			
TS-61/AP	33A1-13-28-			
TS-62/AP	33A1-13-29		SHIPS 366	16-35TS62-
TS-65/FMQ-1	33A1-5-20-			
TS-65C/FMQ-1	33A1-5-22-	11-2602B		
TS-65D/FMQ-1	33A1-5-22-			
TS-67/ARN-5	33A1-3-49-			

NOMENCLATURE	TECHNICAL ORDER	TECHNICAL MANUAL	NAVSHIPS	NAVWEPS
TS-69/AP	33A1-5-23-			08-35TS69-
TS-70/AP	33A1-7-14-			16-35TS70-
TS-74/UPM	33AA20-16-			16-35TS74-
TS-76/APM-3	33A1-3-48-			
TS-89/AP	33AA22-3-			16-35TS89-
TS-89A/AP	33AA22-3-			
TS-89B/AP	33AA22-3-			
TS-90/AP	33AA7-14-		900533	
TS-90A/AP	33AA7-15-			
TS-90B/AP	33AA7-15-			
TS-92/AP <sup>+</sup>				16-35TS92-
TS-98/AP	33AA22-4-			
TS-100/AP	33A1-13-30-			16-35TS100-
TS-101/AP	33AA7-16-			16-35TS101-
TS-102/AP	33A1-10-15-		95344	16-35TS102-
TS-102A/AP	33A1-10-15-		95344	16-35TS102-
TS-102B/AP	33A1-10-14-			
TS-105/TPM-1			900536	
TS-106/ARC-58	33D7-54-2-			
TS-106/TPM-1			900537	
TS-107/TPM-1	33A1-3-51-		900454A	
TS-107A/TPM-1			92789	17-20AQ-17
TS-108/AP	33AA7-17-			08-5QS-15
TS-110/AP	33A1-13-33-			
TS-111/CP	33A1-5-24-			
TS-117/GP	33A1-5-25-	11-2538		16-35TS117 17-20GF-13
TS-118/AP	33A1-7-16-	11-1036		16-35TS118-
TS-118A/AP	33A1-7-27-	11-1036A		
TS-120/UP	33A1-3-52-		SHIPS 386	
TS-122/SQS-23			93619A	
TS-125/AP	33A1-7-17-	11-1217		16-35TS125- 17-20GP-05
TS-126/AP	33A1-10-16-			
TS-128/UP	33A1-8-58-		900455 900455A	

NOMENCLATURE	TECHNICAL ORDER	TECHNICAL MANUAL	NAVSHIPS	NAVWEPS
TS-130/UP	33A1-6-9-		900538	
TS-130A/UP	33A1-6-10-			
TS-131/AP	33A1-4-15-			
TS-137/FSM-1	33A1-8-60-			
TS-139/FSM-1	33A1-8-61-			
TS-140/PCM	33A1-3-35-	11-2096		
TS-140A/PCM	33A1-3-35-			
TS-142/APG	33A1-10-17-			
TS-142A/APG	33A1-10-17-			
TS-146/UR				16-35TS146-
TS-147/UP	33A1-3-53- 33A1-3-1-	11-1247		16-35TS147-
TS-147A/UP	33A1-3-54-		91104	16-35TS147-
TS-147B/UP	33A1-3-55-	11-1247A	91956	17-20GQ-30
TS-147D/UP	33A1-3-56-	11-1247B	91716	16-35TS147- 17-20GQ-03
TS-148/UP	33A1-5-26-	11-1249	900754	
TS-148A/UP	33A1-5-26-			
TS-151/FSM-1	33A1-5-27-	11-2663		
TS-153/AP				08-35TS153-
TS-154/CRW-2	33AA4-5-2-			
TS-155/UP	33A1-8-62-	11-2657		
TS-155A/UP	33A1-8-62-	11-2657		
TS-155B/U	33A1-8-63-	11-2657B		
TS-155C/UP	33A1-8-64-	11-2657C		16-35TS155-
TS-155E/UP	33A1-8-64-			
TS-170/ARN-5	33A1-8-65-			16-35TS170-
TS-172/UP	33A1-3-57-		900460A	
TS-172A/UP	33A1-3-57-	11-1262	92360	
TS-173/UR			900644	
TS-174/U	33A1-5-30-			08-35TS174-
TS-174B/U		11-5044		
TS-175/U	33A1-5-32-			16-35TS175-
TS-175A/U	33A1-5-33-			
TS-175B/U	33A1-5-34-	11-5050		
TS-175C/U	33A1-5-34-			

NOMENCLATURE	TECHNICAL ORDER	TECHNICAL MANUAL	NAVSHIPS	NAVWEPS
TS-178/ARM-1	33A1-3-3-			
TS-182/UP			95345 900490-1	
TS-183/U	33A1-12-41-	11-2571		
TS-183A/U	33A1-12-41-	11-2571		
TS-183B/U	33A1-12-41-	11-2571		
TS-184/AP	33A1-5-35-			
TS-184A/AP	33A1-5-35-			
TS-186/UP				16-35TS186-
TS-186A/UP			91205	
TS-186B/UP	33A1-5-36-		91335	
TS-186C/UP	33A1-5-37-		91376	
TS-186D/UP	33A1-5-38-		91592 91792	
TS-186E/UP			91592	
TS-189/U	33A1-8-66-			16-35TS189-
TS-190/U	33A1-3-85-			
TS-191/UP	33A1-3-52-		SHIPS 386	
TS-193/CPM-4	33D7-5-2-			
TS-193B/CPM-4	33D7-5-2-			
TS-195/GP	33A1-8-67-			
TS-196/CPM-4	33A1-12-42- 33A1-6-11-			
TS-197/CPM-4	33A1-3-58-			
TS-199/CPM-4	33A1-12-43			
TS-200/CPM-4	33A1-5-39-			
TS-202/U			900864A 900866A	NAVAER 16-5S-528
TS-202A/U			91832	16-35TS202-
TS-203/AP	33A1-10-18-			
TS-204/AP	33A1-6-12-			
TS-206/AR	33A1-7-18-			
TS-207/UP		11-1212		
TS-215/AP	33A1-12-44-			
TS-218/UP	33A1-13-29-		SHIPS 366	16-35TS62-
TS-218A/UP	33A1-3-60-		91083	



NOMENCLATURE	TECHNICAL ORDER	TECHNICAL MANUAL	NAVSHIPS	NAVWEPS
TS-220/TSM	33A1-8-68-	11-2675		
TS-226A/AP	33A1-7-19-			
TS-230/AP			SHIPS 372	
TS-230A/AP			91105	
TS-230B/AP			91714	
TS-230C/AP	33A1-7-34-		91669	17-20GQ-09
TS-231/AP			900869	
TS-231A/AP			92125	
TS-233/TPN-2	33A1-3-62-			
TS-234/UP	33AA7-18-	11-1263	900458 900458A	
TS-235/UP	33AA7-19-	11-1093	900457A 900457-1B	
TS-235B/UP			93269	
TS-239/UP	33A1-13-34-			
TS-239A/UP	33A1-13-35-		91148	
TS-240/FRC	33A1-5-40-	11-2625		
TS-247/APM-48	33A1-5-41-			
TS-247A/APM-48	33A1-5-41-			
TS-251/UP	33A1-10-19-		900652 900652.4	16-35TS251-
TS-254/AP	33A1-7-20-			16-35TS254-
TS-257/ARW	33A1-3-63-			
TS-257A/ARW	33A1-3-63-			
TS-259/AP	33A1-8-70-			
TS-268/U	33A1-12-46-	11-1242	900647	16-35TS268 17-20GD-06
TS-268A/U	33A1-12-46-			
TS-268B/U	33A1-12-45- 33A1-12-46-			NAVAER 08-55-78 17-20GD-06
TS-268C/U	33A1-12-46-			16-35TS268 17-20GD-06
TS-268D/U	33A1-12-46-			17-20GD-06
TS-268E/U	33A1-12-46-			17-20GD-06
TS-269/UR	33A1-6-13-			
TS-269A/UR	33A1-6-13-			
TS-270/UP	33A1-3-66-	11-1086	SHIPS 343A	16-55-509 16-35TS270-

NOMENCLATURE	TECHNICAL ORDER	TECHNICAL MANUAL	NAVSHIPS	NAVWEPS
TS-270A/UP	33A1-3-66-	11-1086		16-35TS270-
TS-270B/UP	33A1-3-66-	11-1086	98948	
TS-275/UP			900825	
TS-278/AP	33A1-8-71-			
TS-284/UR	33A1-3-67	11-2628		
TS-285/GP		11-2640		
TS-294/U	33A1-12-47	11-2624B		
TS-294A/U	33A1-12-79-			
TS-294B/U		11-2624B		
TS-295/UP		9-9618	SHIPS 311A	17-20GQ-01
TS-295A/UP			91164	17-20GQ-01
TS-295B/UP			93060	17-20GQ-01
TS-297/U	33A1-12-48-	11-5500		16-35TS297-
TS-303/G	33A1-13-37-			
TS-303A/G	33A1-13-37-			
TS-305/UP	33A1-7-21-			
TS-305A/UP	33A1-7-22-			
TS-305B/UP	33A1-7-22-			
TS-305C/UP	33A1-7-21-			
TS-306/ARW	33A1-8-23-			
TS-309/U	33A1-8-74-			
TS-311A/UP			91111	
TS-311B/UP			92004	16-35TS311-
TS-312/FSM-1	33A1-8-75-	11-2684		
TS-314/FSM-1	33A1-8-76-	11-2674		
TS-317/U	33A1-3-68-	11-2521		
TS-318/UP	33A1-4-17-		91089	
TS-323/UR	33A1-5-44-			08-35TS323-
TS-324/U		11-2562	91006	
TS-326A/U	33A1-8-77-			
TS-328A/U	33A1-5-43-			
TS-330/TSM	33A1-6-14-	11-5051		16-35TS330-
TS-335/UP			900604	
TS-336B/TPS-10	33AA7-22-			
TS-338/UP	33AA7-20- 33D7-16-3-			16-35TS338-

NOMENCLATURE	TECHNICAL ORDER	TECHNICAL MANUAL	NAVSHIPS	NAVWEPS
TS-343/U	33A1-8-79	11-1233		
TS-345/ART-22				16-5Q-503
TS-346/UP				16-5S-505
TS-349/UP			9000884 900884	
TS-352/U	33A1-12-49-	11-5527		16-35TS352-
TS-352A/U	33A1-12-49- 33A1-12-50-	11-5527		16-35TS352-
TS-352B/U	33A1-12-49- 33A1-12-51-	11-5527		16-35TS352-
TS-354/UP	33A1-5-45-			
TS-355/UP			900604	
TS-355A/UP				16-35TS355-
TS-358/UP			900817 900817.4	
TS-359A/U	33AA22-6-			
TS-361A/U	33AA1-9-			
TS-362/ASG-10				16-35TS362-
TS-363/U		11-1239		
TS-366A/TPS-10	33AA7-21-			
TS-366B/TPS-10	33AA7-22-			
TS-366C/TPS-10	33AA7-22-			
TS-375/U	33A1-12-52-			16-35TS375-
TS-375A/U	33A1-12-52-			16-35TS375-
TS-379/U	33A1-8-97-			
TS-382/U	33A1-8-75-			
TS-382A/U	33A1-8-80-	11-2684A		16-35TS382- 17-20AG-35
TS-382B/U	33A1-8-81-			16-35TS382- 17-20AG-35
TS-382C/U	33A1-8-80-			16-35TS382- 17-20AG-35
TS-382D/U	33A1-8-82-		92035	16-35TS382- 17-20AG-35
TS-382E/U	33A1-8-82-			17-20AG-35
TS-382F/U	33A1-8-82-			16-35TS382- 17-20AG-35
TS-383/GG		11-2217		
TS-383A/GG	33A1-13-38		91058 91161	

NOMENCLATURE	TECHNICAL ORDER	TECHNICAL MANUAL	NAVSHIPS	NAVWEPS
TS-389/U	33A1-12-53-	11-2673		
TS-399/U	33A1-4-18-			
TS-400/U	33A1-5-52-	11-2048		
TS-401/U	33A1-8-98-	11-2040		
TS-402/U	33AA4-2-3-	11-2044		
TS-402A/U	33AA4-2-3-	11-2044		
TS-403/U	33A1-8-21		91161	16-3OURM61-
TS-403A/U	33A1-8-21-			
TS-403B/U	33A1-8-21-			16-3OURM61-
TS-406/UP				16-35TS406-
TS-407/AMQ-2	33D7-9-2-			
TS-413/U	33A1-8-83-			16-35TS413-
TS-413A/U	33A1-8-83-			16-35TS413-
TS-413B/U	33A1-8-83-			
TS-413C/U	33A1-8-83-			
TS-414/U	33A1-12-95-			
TS-418/U	33A1-8-19-			16-3OURM49-
TS-418A/U	33A1-8-19-			16-3OURM49-
TS-418B/U	33A1-8-19-			16-3OURM49-
TS-418C/U	33A1-8-19-			16-3OURM49-
TS-419/U	33A1-8-86-			16-3OURM64-
TS-420/U	33A1-8-87-	11-2069		
TS-420B/U	33A1-10-38-			
TS-421/U	33A1-8-88-	11-2649		
TS-433B/U	33A1-3-69-	11-5049		
TS-452/U	33A1-8-1-	11-2695		16-35TS452-
TS-452A/U	33A1-8-89-			16-35TS452-
TS-452B/U	33A1-8-90			
TS-452C/U	33A1-8-90-			
TS-452D/U	33A1-8-90-			
TS-453/U	33AA22-7-			16-35TS453-
TS-456/CRN-1A	33A1-12-54-			
TS-460/U	33A1-6-16-	11-2634	91402	
TS-460A/U	33A1-6-16-	11-2634		
TS-460B/U	33A1-6-16-	11-2634		

NOMENCLATURE	TECHNICAL ORDER	TECHNICAL MANUAL	NAVSHIPS	NAVWEPS
TS-460C/U	33A1-6-17-	11-2646		16-35TS460-
TS-460D/U	33A1-6-17-			
TS-465/U	33A1-3-70-	11-2642		
TS-465A/U	33A1-3-70-			
TS-465B/U	33A1-3-70-			
TS-465C/U	33A1-3-70-			
TS-480/U	33A1-5-46-	11-5042		
TS-487/U			900607	16-35TS487-
TS-488/UP	33A1-3-71-		98929	
TS-488A/UP	33A1-3-71-		98929	16-35TS488-
TS-497/URR	33A1-8-91-			
TS-497A/URR	33A1-8-91-	11-5030		17-20AG-31
TS-497B/URR	33A1-8-91-	11-5030A		17-20AG-31
TS-497C/URR	33A1-8-91-			17-20AG-31
TS-501/UP	33A1-3-72-		91191	
TS-505/U	33A1-12-55-	11-5511		16-30DRM3-
TS-505A/U	33A1-12-55-	11-5511A		
TS-505B/U	33A1-12-55-			
TS-505C/U	33A1-12-55-			
TS-505D/U	33A1-12-55-			16-30DRM3-
TS-506/U	33D5-5-33			
TS-509/UR	33A1-4-19-			16-35TS509-
TS-510/U	33A1-8-119			16-30USM44- 17-20AG-06
TS-510A/U	33A1-8-119			16-30USM44- 17-20AG-06
TS-520/U	33A1-12-77-			
TS-522/CRT-3	33A1-3-73-			16-35TS522-
TS-535/U			900839 91572A	17-20AG-50
TS-535A/U			91572A	16-35TS535- 17-20AG-50
TS-537/TSM	33A1-6-18-	11-5052		16-35TS537-
TS-537A/TSM	33A1-3-75-			
TS-538/U	33A1-3-75-	11-5014		
TS-538A/U	33A1-3-75-	11-5014		
TS-538B/UP	33A1-3-75-	11-5014		



NOMENCLATURE	TECHNICAL ORDER	TECHNICAL MANUAL	NAVSHIPS	NAVWEPS
TS-538C/UP	33A1-3-75-	11-5014		
TS-541/TPS	33A1-3-11-			
TS-545/UP	33A1-3-86-		91213	
TS-559/FT	33A1-4-32- 33A1-4-20-			
TS-559A/FT	33A1-4-32-	11-2094		
TS-559B/FT	33A1-4-32-			
TS-559C/FT	33A1-4-20-			
TS-566A/FT	33A1-12-56-	11-2264		
TS-568/FT	33A1-5-48-	11-2095		
TS-569/FT	33A1-5-49-	11-2049		
TS-573/UP	33A1-10-28-		91760	
TS-573A/UP	33A1-10-28-		91760	
TS-573B/UP	33A1-10-28-		91760	
TS-573C/UP	33A1-10-28-		91760	
TS-578/U	33AA6-2-			
TS-578B/U	33AA6-2-			
TS-580/U	33A1-2-5-			
TS-583A/U	33A1-8-112-	11-5024		
TS-585A/U	33A1-7-23-	11-5017		17-20AP-04
TS-585B/U	33A1-7-23-	11-5017		17-20AP-04
TS-585C/U	33A1-7-23-	11-5017		17-20AP-04
TS-585D/U	33A1-7-23-			17-20AP-04
TS-587/U			900990	
TS-587A/U			900990	
TS-588A/U	33A1-8-94-	11-5018		
TS-592A/UPM-15	33A1-8-6-			17-20AG-60
TS-592B/UPM-15	33A1-8-6			17-20AG-60
TS-598/U	33A1-10-21			
TS-598A/U	33A1-10-21			
TS-604A/U	33A1-12-57			
TS-605/U	33A1-12-96-			
TS-611/FG			91237	
TS-611A/FG	33A1-3-121-	11-2224		
TS-615/U	33A1-5-54-			

NOMENCLATURE	TECHNICAL ORDER	TECHNICAL MANUAL	NAVSHIPS	NAVWEPS
TS-615A/U	33A1-5-54-	11-5032	91717	
TS-617/U	33A1-6-21-			
TS-617A/U	33A1-6-21-			
TS-617B/U	33A1-6-21-	11-2635A		
TS-620A/U	33A1-12-58-	11-5504		
TS-621/U				16-3OURM52- 17-20GG-03
TS-621A/U				16-3OURM52 17-20GG-03
TS-621B/U				16-3OURM52- 17-20GG-03
TS-622/U				16-3OURM44-
TS-624/APW	33A1-8-95-			
TS-629/U	33A1-10-29-		91072	
TS-629A/U	33A1-10-29-			
TS-629C/U		11-6625-209-15	93429	
TS-635/UP	33A1-4-17-		91089	
TS-643/AMQ-2A	33D7-9-2-			
TS-653/APG	33A1-12-59-			
TS-653A/APG	33A1-12-60-			
TS-658/UG	33A1-8-140-			
TS-659/UG	33A1-8-140-		91162	
TS-666/AP	33A1-12-61-			
TS-666A/AP	33A1-12-61-			
TS-667/AP	33A1-12-62-			
TS-667A/AP	33A1-12-63			
TS-679/U	33AA6-3-			
TS-679A/U	33AA6-3-			
TS-682/GSM-1	33A1-3-5-			
TS-682A/GSM-1	33A1-3-4-	11-2535B		
TS-683/TSM	33A1-6-29-	11-2652		
TS-683A/TSM	33A1-6-29-			
TS-685/APG-30	33A1-10-23-			16-35TS685-
TS-701/ASQ				16-35TS701-
TS-710/TSM	33D7-7-4-	11-5106		
TS-712/TCC-11	33A1-3-94- 33A1-5-50-	11-2143		

NOMENCLATURE	TECHNICAL ORDER	TECHNICAL MANUAL	NAVSHIPS	NAVWEPS
TS-713/U	33AA20-18-			
TS-713A/U	33AA20-18-			
TS-723/U	33A1-5-64-			
TS-723A/U	33A1-5-64- 33A1-13-170-	11-5097		
TS-723B/U	33A1-5-64-			
TS-724A/SAC			92506	
TS-725/TTQ-3		11-2145		
TS-737/U	33A1-12-64-	11-5069		
TS-776/U	33A1-12-127-			
TS-779/URM-98	33A1-7-30-			
TS-805/U	33A1-10-24-			
TS-810/U	33A1-12-139-	11-1261		16-35TS810-
TS-816/U	33A1-3-89-			
TS-847A/MSW-1		9-5021-5		
TS-890/URN-3			981332	
TS-890A/URN-3			93231	
TS-890B/URN-3			93231	
TS-891/URN-3			92809	
TS-897/U	33A1-12-119-			
TS-909/PPM		11-1223		
TS-917/GG	33D7-26-2-		93008	
TS-917A/GG			93008	
TS-934/U	33A1-5-72			
TS-963/GSQ		11-5115		
TS-969/U				16-35TS969-
TS-971/G	33A1-3-110-	11-6625-205-12		
TS-974/U	33A1-3-110 33A1-5-6-8-	11-6625-205-12		
TS-996/ARR-14	33D5-8-5- 33D5-13-13-			
TS-1060/GG		11-6625-207-10		
TS-1065/GPH	33A1-8-131-			
TS-1078/G	33A1-12-302-			
TS-1079/G	33A1-8-205-			
TS-1080/G	33A1-8-204-			

NOMENCLATURE	TECHNICAL ORDER	TECHNICAL MANUAL	NAVSHIPS	NAVWEPS
TS-1100/U	33A1-3-149-		93277	
TS-1248/USM-99				16-35TS1248-
TS-1333/U				OP 2814
TV-2/U	33AA21-4-	11-2661		
TV-2A/U	33AA21-4-			
TV-2B/U	33AA21-4-			
TV-3/U			91254 981191	
TV-3A/U			91435 981191	
TV-3B/U			91747 981191	
TV-3C/U			92193 981191	
TV-6/U		11-5087		
TV-7/U	33AA21-5-	11-5083		16-45-637
TV-7A/U	33AA21-5-			16-45-637
TV-7B/U	33AA21-5-			16-30DRM3- 16-45-637
TV-7D/U	33AA21-5-			16-45-637
TV-10/U			981191	
TV-10A/U			93069	
ZM-3/U	33A1-6-20-	11-5043 11-5043-12		16-35ZM3-
ZM-3A/U	33A1-6-20-	11-5043-12		
ZM-4/U	33A1-12-15-		91073A	16-35ZM4-
ZM-4A/U	33A1-12-15-			
ZM-4B/U	33A1-12-15-		91750	
ZM-11/U			91704	
ZM-16/U	33AA6-6-	11-5102		
ZM-16A/U	33AA6-6-	11-5102		
ZM-16B/U	33AA6-6-			
ZM-21/U		11-2050A		





PART V

This section is a cross-reference containing the nomenclature items listed in Part I that are presently being downgraded in status, with suggested replacements in each service.



<u>DOWNGRADED ITEM</u>	<u>PREFERRED ITEM</u>	<u>DOWNGRADED ITEM</u>	<u>PREFERRED ITEM</u>
AN/APM-3A	BWA: AN/UPM-32	AN/PGM-1	BS: AN/PGM-1A
AN/APM-18	BWA: AN/USM-105A	AN/PPM-1A	BS: AN/UPM-55
AN/APM-67	AF: AN/APM-67A	AN/PQM-1	BS: AN/PQM-1A
AN/APM-79	BWA: AN/APM-96	AN/PRM-1	AF: AN/PRM-1A
AN/APM-82	BWA: AN/APM-84A		BS: AN/PRM-25
AN/APQ-T2	AF: AN/APQ-T2A	AN/PRM-1A	BS: AN/PRM-25
AN/APQ-T4	AF: AN/APQ-T9	AN/PRM-1B	BS: AN/PRM-25
AN/ARM-6	AF: AN/ARM-7	AN/PSM-1A	BWA: AN/PSM-2A
AN/ARM-11	AF: AN/ARM-11B	AN/PSM-2	AF: AN/PSM-2A
AN/ARM-11A	AF: AN/ARM-11B	AN/PSM-4	BS: AN/PSM-4C
AN/ARM-20	BWA: AN/ARM-31 OA-1571/ARM-31	AN/PSM-4A	BS: AN/PSM-4C
		AN/PSM-4B	BS: AN/PSM-4C
AN/ARM-24	BWA: AN/ARM-19	AN/PSM-6	AF: AN/PSM-6B
AN/ARM-25	BWA: AN/URM-101		BS: AN/PSM-4C
AN/ASM-2A	BWA: AN/APM-96		BWA: AN/PSM-4C
AN/FLH-1	AF: AN/FLH-1A	AN/PSM-6A	AF: AN/PSM-6B
AN/FNP-1	AF: AN/FNP-1A	AN/TMQ-5	AF: AN/TMQ-5C
AN/FNQ-2	AF: AN/FNQ-2A	AN/TMQ-5A	AF: AN/TMQ-5C
AN/FNQ-3	AF: AN/FNQ-3A	AN/TMQ-5B	AF: AN/TMQ-5C
AN/GMM-1	AF: AN/GMM-3	AN/UPA-1	BS: AN/UPA-1B
AN/GMM-1A	AF: AN/GMM-3	AN/UPA-1A	BS: AN/UPA-1B
AN/GNQ-1A	AF: AN/GNQ-14	AN/UPM-1	BS: AN/UPM-1B
AN/GNQ-7	AF: AN/FNQ-2A	AN/UPM-1A	BS: AN/UPM-1B
AN/GNQ-9	AF: AN/GNQ-9B	AN/UPM-2(XN-1)	BS: AN/UPM-2
AN/GNQ-9A	AF: AN/GNQ-9B	AN/UPM-4A	AF: AN/UPM-125
AN/GPM-40	AF: AN/GPM-40A		BWA: AN/UPM-98
AN/GPN-T2	AF: AN/GPN-T2A	AN/UPM-8	AF: AN/UPM-125
AN/GPQ-T1	AF: AN/GPQ-T1A	AN/UPM-10	AF: AN/UPM-10B
AN/GPS-T2	AF: AN/GPS-T2A	AN/UPM-10A	AF: AN/UPM-10B
AN/GPS-T2A	AF: AN/GPS-T2B	AN/UPM-11	AF: AN/UPM-11A
AN/GWM-2	AF: AN/GWM-2A	AN/UPM-11A	BWA: AN/USM-109
AN/GWM-8A	AF: AN/GWM-4	AN/UPM-15	AF: AN/UPM-15A
AN/PDR-27A	AF: AN/PDR-27J	AN/UPM-16	AF: AN/UPM-12A
AN/PDR-27C	AF: AN/PDR-27J	AN/UPM-17	AF: AN/UPM-84
AN/PDR-27E	AF: AN/PDR-27J	AN/UPM-18	AF: AN/UPM-18A
AN/PDR-T1	AF: AN/PDR-39	AN/UPM-19()	AF: AN/UPM-97
AN/PDR-T1B	AF: AN/PDR-39		



<u>DOWNGRADED ITEM</u>	<u>PREFERRED ITEM</u>	<u>DOWNGRADED ITEM</u>	<u>PREFERRED ITEM</u>
AN/UPM-19	AF: AN/UPM-97	AN/URM-25B	AF: AN/URM-25F
AN/UPM-19A	AF: AN/UPM-97		BS: AN/URM-25D
AN/UPM-19B	AF: AN/UPM-97	AN/URM-25D	AF: AN/URM-25F
AN/UPM-19C	AF: AN/UPM-97	AN/URM-25E	BS: AN/URM-25D
AN/UPM-27	AF: AN/UPM-27A	AN/URM-25F	BS: AN/URM-25D
AN/UPM-28	AF: AN/UPM-28B	AN/URM-26	BS: AN/URM-26B
AN/UPM-28A	AF: AN/UPM-28B	AN/URM-26A	AF: AN/URM-26B
AN/UPM-29A	BS: AN/UPM-29B		BS: AN/URM-26B
AN/UPM-33	AF: AN/UPM-33A		BWA: AN/USM-44A
	BS: AN/UPM-33A	AN/URM-27	BS: AN/URM-103
AN/UPM-33A	BWA: AN/UPM-32	AN/URM-31	AF: TS-118A/AP
AN/UPM-44	BS: AN/UPM-44C	AN/URM-32	AF: AN/URM-32A
AN/UPM-44(XN-1)	BS: AN/UPM-44C	AN/URM-32A	BWA: AN/USM-159
AN/UPM-44A	BS: AN/UPM-44C	AN/URM-33	BS: AN/URM-64A
AN/UPM-44B	AF: AN/UPM-44C	AN/URM-34	AF: AN/URM-34A
	BS: AN/UPM-44C		BS: AN/URM-61A
AN/UPM-45	BS: AN/USM-117	AN/URM-34	BS: AN/URM-61A
AN/UPM-61	BS: AN/USM-115	AN/URM-35	AF: AN/URM-35A
AN/UPM-70A	BWA: AN/UPM-98	AN/URM-36	AF: AN/URM-36A
AN/UPM-84	AF: AN/UPM-84A	AN/URM-38	BS: TS-323/UR
AN/UPM-98	AF: AN/UPM-125	AN/URM-43	BS: TS-1771/U
AN/UPM-99	AF: AN/UPM-125	AN/URM-43A	AF: AN/URM-43C
	BWA: AN/UPM-98		BS: TS-1771/U
AN/UQM-1	BS: AN/WQM-4		BWA: AN/URM-120
AN/UQM-2	BS: AN/BQM-1	AN/URM-43B	AF: AN/URM-43C
AN/URA-T1A	AF: AN/URA-T1B		BS: TS-1771/U
AN/URM-6	BS: AN/URM-6C	AN/URM-43C	BS: TS-1771/U
AN/URM-6A	BS: AN/URM-6C	AN/URM-47	BS: AN/URM-47A
AN/URM-6B	BS: AN/URM-6C	AN/URM-48	BS: AN/URM-103
AN/URM-13	BWA: AN/URM-120	AN/URM-49	BS: AN/URM-49A
AN/URM-17	BS: AN/URM-17A	AN/URM-52	BS: AN/URM-52A
AN/URM-20	AF: AN/USM-68	AN/URM-59	BWA: DA-147/U
AN/URM-23	AF: AN/USM-68	AN/URM-61	AF: AN/URM-61A
AN/URM-24	AF: AN/USM-68		BS: AN/URM-61A
AN/URM-25	AF: AN/URM-25F	AN/URM-62	AF: DA-146/U
	BS: AN/URM-25D		BWA: DA-146/U
AN/URM-25A	AF: AN/URM-25F	AN/URM-63	BWA: DA-146/U
	BS: AN/URM-25D	AN/URM-64	AF: AN/URM-64A
			BS: AN/URM-64A

<u>DOWNGRADED ITEM</u>	<u>PREFERRED ITEM</u>	<u>DOWNGRADED ITEM</u>	<u>PREFERRED ITEM</u>
AN/URM-68	AF: DA-144/U BWA: DA-144/U	AN/USM-37A	BS: AN/USM-37B
AN/URM-74	BS: AN/URM-115	AN/USM-38	BS: AN/USM-117
AN/URM-76A	AF: AN/URM-76	AN/USM-44	AF: AN/USM-44A BS: AN/USM-44A
AN/URM-79	BS: LM-21 BWA: AN/USM-159	AN/USM-47(XN-1)	BS: AN/USM-47
AN/URM-82	BS: LM-21	AN/USM-50A	AF: AN/USM-50C
AN/URM-92	BS: AN/URM-96A	AN/USM-50B	AF: AN/USM-50C
AN/URM-120	BS: AN/URM-96A	AN/USM-55(XN-1)	BS: AN/USM-55
AN/URM-129	BWA: AN/ARM-53 AN/ARM-54	AN/USM-55(XN-2)	BS: AN/USM-55
AN/USM-3	BS: TV-7D/U	AN/USM-58	AF: AN/USM-58A
AN/USM-3A	BS: TV-7D/U	AN/USM-105	BS: AN/USM-140A
AN/USM-21	AF: AN/USM-21A	AN/USM-105A	BS: AN/USM-140A
AN/USM-23	BS: AN/USM-113	AN/USM-105V	BS: AN/USM-140A
AN/USM-24	AF: AN/USM-50C BS: AN/USM-140A	AN/USM-118	BS: AN/USM-118A
AN/USM-24A	BS: AN/USM-140A	AN/USM-120	BS: AN/USM-140A
AN/USM-24B	BS: AN/USM-140A	AN/USM-139	BS: AN/USM-140A
AN/USM-24C	AF: AN/USM-50C BS: AN/USM-140A	AN/USM-141	BS: AN/USM-140A
AN/USM-25	AF: AN/USM-50C BS: AN/USM-25A	AN/WQM-3	BS: AN/WQM-4
AN/USM-25B	BS: AN/USM-25A	BX-906D/E	BWA: TS-509/UR
AN/USM-26	AF: AN/USM-26A BS: AN/TSM-9	CG-97/AP	BWA: DA-145/U
AN/USM-26A	BS: AN/TSM-9	CN-16/U	BS: CN-16A/U
AN/USM-26B	BS: AN/TSM-9	CN-30/U	BS: CN-30A/U
AN/USM-27	BS: AN/USM-27B	CN-39/U	BS: CN-39A/U
AN/USM-27A	BS: AN/USM-27B	CN-87/U	BS: CN-87A/U
AN/USM-30	BS: AN/URM-127 BWA: TS-382F/U	DA-2/U	BWA: DA-144/U
AN/USM-31	BS: AN/USM-118A	DA-3/UP	BWA: DA-148/U
AN/USM-32	BS: AN/USM-117	DA-4/U	BWA: DA-149/U
AN/USM-33( )	AF: AN/USM-33	DA-6/U	BWA: DA-146/U
AN/USM-34	BS: AN/USM-116	DA-11/U	BWA: DA-149/U
AN/USM-34A	BS: AN/USM-116	DA-15/U	BWA: DA-146/U
AN/USM-34B	BS: AN/USM-116	DA-18/U	AF: DA-145/U BWA: DA-145/U
AN/USM-37	BS: AN/USM-37B	DA-19/U	BS: DA-149/U
		DA-20/U	AF: DA-144/U BWA: DA-144/U
		DA-21/U	AF: DA-148/U BWA: DA-148/U



<u>DOWNGRADED ITEM</u>	<u>PREFERRED ITEM</u>	<u>DOWNGRADED ITEM</u>	<u>PREFERRED ITEM</u>
DA-22/U	AF: DA-146/U BWA: DA-146/U	I-139	AF: TS-60/U
DA-51/U	BWA: DA-145/U	I-139A	AF: TS-60/U
DA-53/U	BWA: DA-147/U	I-141-B	AF: TS-382/U
DA-54/U	BWA: DA-147/U	I-142	AF: AN/PTM-6
DA-64/UP	AF: DA-64B/UP	I-142-B	AF: AN/PTM-6
DA-74/U	BWA: DA-149/U	I-173A	BWA: SG-1A/ARN MD-83A/ARN
DA-76/U	BWA: DA-147/U	I-176	BS: AN/PSM-4C
DA-86/U	BWA: DA-147/U	I-176B	BS: AN/PSM-4C
DA-88/U	BS: DA-91A/U	I-177A	BWA: TV-7D/U
DA-88A/U	BS: DA-91A/U	I-181	AF: I-181-B
DA-91/U	BS: DA-91A/U	I-193-A	AF: I-193-C BS: TS-1194/U
DA-94/FRC-33A	BWA: DA-144/U	I-193-B	BS: TS-1194/U
DA-96/APN-28	BWA: DA-145/U	I-193-C	BS: TS-1194/U
DA-97/APN-28	BWA: DA-146/U	I-201-A	AF: I-201-B
DA-103/U	BWA: DA-146/U	IE-12	BWA: AN/URM-26 TS-509/UR
DA-107/URM-84	BWA: DA-148/U	IE-17	BS: IE-17E
DA-112/U	BWA: DA-145/U	IE-17A	BS: IE-17E
DA-115/U	BWA: DA-146/U	IE-17B	BS: IE-17E
DA-117/U	BWA: DA-148/U	IE-17D	BS: IE-17E
DA-120/U	BWA: DA-145/U	IE-19	BWA: TS-509/UR TS-11/AP AN/USM-26A
DA-128/U	BWA: DA-149/U	IE-35A	BWA: TS-509/UR
DA-218/U	BS: DA-91A/U	IM-9A/PD	AF: IM-9D/PD
DA-274/U	BS: DA-91A/U	IM-9C/PD	AF: IM-9D/PD
FR-4/U	BS: LM-21	IM-23/U	AF: IM-23A/U
FR-7/UP	BS: FR-144/U	IM-81/UP	AF: IM-81A/UP
FR-38D/U	BS: AN/TSM-9	IS-185	AF: AN/PSM-3
FR-38/U	BS: AN/TSM-9	IS-189	BWA: AN/PSM-4C
FR-67/U	BS: AN/TSM-16	LAD	BS: TS-155E/UP BWA: AN/UPM-44C
FR-81/U	BWA: AN/PRM-10	LAE	BS: AN/URM-49A
I-49	BWA: AN/USM-21A	LAE	BS: AN/URM-49A
I-100-A	AF: AN/ARM-10	LAE-1	BS: AN/URM-49A
I-100-B	AF: AN/ARM-10 BWA: AN/ARM-10		BWA: AN/URM-49 AN/URM-64A
I-128	AF: TS-563A/FT		
I-129()	AF: TS-480/U		
I-134A	BWA: OS-8C/U		

<u>DOWNGRADED ITEM</u>	<u>PREFERRED ITEM</u>	<u>DOWNGRADED ITEM</u>	<u>PREFERRED ITEM</u>
LAE-2	BS: AN/URM-49A	LP-2	BS: AN/URM-25D
LAE-3	BS: AN/URM-49A	LP-3	BS: AN/URM-25D BWA: AN/URM-25D
LAE-4	BS: AN/URM-49A BWA: AN/URM-49 AN/URM-64A	LP-4	BS: AN/URM-25D
LAF	BS: AN/URM-26B BWA: AN/USM-44A	LP-5	BS: AN/URM-25D BWA: AN/URM-25D
LAF-1	BS: AN/URM-26B	LR	BWA: AN/USM-26A
LAF-2	BS: AN/URM-26B	LR-1	BWA: AN/USM-26A
LAF-3	BS: AN/URM-26B BWA: AN/USM-44A	LR-2	BWA: AN/USM-26A
LAG	BS: AN/URM-61A BWA: AN/URM-61A AN/URM-64A	LR-3	BWA: AN/USM-26A
LAG-1	BS: AN/URM-61A BWA: AN/URM-61A AN/URM-64A	LS-2	BWA: AN/URM-44A
LAJ	BS: AN/URM-127	LX	BS: AN/URM-26B BWA: AN/USM-44A
LAJ-1	BS: AN/URM-127	LX-1	BS: AN/URM-26B BWA: AN/USM-44A
LAJ-2	BS: AN/URM-127	LX-2	BS: AN/URM-26B BWA: AN/USM-44A
LAJ-3	BS: AN/URM-127	LZ	BWA: AN/UPM-44C
LAJ-4	BS: AN/URM-127	ME-3/U	BWA: ME-65/U
LAK	BS: AN/URM-25D	ME-6/U	AF: ME-6D/U BS: ME-6E/U
LM-11	BS: LM-21 BWA: AN/USM-159	ME-6A/U	AF: ME-6D/U BS: ME-6E/U
LM-11A	BS: LM-21	ME-6B/U	AF: ME-6D/U BS: ME-6E/U
LM-13	BS: LM-22	ME-6C/U	AF: ME-6C/U BS: ME-6E/U
LM-15	BS: LM-21	ME-6D/U	BS: ME-6E/U
LM-15A	BS: LM-21	ME-9/U	BS: AN/PSM-4C
LM-17	BS: LM-22 BWA: AN/USM-159	ME-9A/U	BS: AN/PSM-4C
LM-18	BS: LM-21	ME-11/U	AF: AN/URM-43C BS: TS-1771/U
LM-21	BWA: AN/USM-159	ME-11A/U	BS: TS-1771/U
LO	BS: AN/URM-127	ME-11B/U	BS: TS-1771/U
LO-1	BS: AN/URM-127	ME-11C/U	BS: TS-1771/U
LO-2	BS: AN/URM-127 BWA: TS-382F/U	ME-25/U	BS: AN/USM-116
LO-3	BS: AN/URM-127	ME-25A/U	BS: AN/USM-116
LO-4	BS: AN/URM-127	ME-25B/U	AF: TS-505D/U BS: AN/USM-116
LP	BS: AN/URM-25D		

<u>DOWNGRADED ITEM</u>	<u>PREFERRED ITEM</u>	<u>DOWNGRADED ITEM</u>	<u>PREFERRED ITEM</u>
ME-26/U	AF: ME-26A/U BS: AN/USM-116	OBL-4	BS: OS-8E/U
ME-26A/U	BS: AN/USM-116	OBQ-1	BWA: AN/USM-34
ME-30/U	AF: ME-30A/U BS: AN/USM-143	OBQ-2	BWA: AN/USM-34
ME-30A/U	BS: AN/USM-143	OBQ-3	BWA: AN/USM-34
ME-48/U	BS: AN/PSM-4C	OBQ-4	BWA: AN/USM-34
ME-48A/U	BS: AN/PSM-4C	OBT	BS: OS-8E/U
ME-48B/U	BS: AN/PSM-4C	OBT-1	BS: OS-8E/U BWA: OS-8C/U
ME-48C/U	BS: AN/PSM-4C	OBU-1	BS: OBU
ME-74/U	BS: ME-6E/U	OBU-2	BS: OBU
ME-207/U	BS: AN/USM-143	OBU-3	BS: OBU
MX-479/ARN-6	BWA: AN/ARM-10	OBU-4	BS: OBU
MX-1020/U	AF: MX-1020A/U	OCD	BS: AN/USM-27B BWA: AN/UPM-55A
MX-1258/U	BS: AN/USM-119	OCL	BS: TV-7D/U
OA-667/ARW	BWA: AN/DRM-1A	OCP	BS: AN/WQM-4
OA-810/ARW	BWA: AN/DRM-1A	OCP-1	BS: AN/WQM-4 BWA: OCP-3
OAA	BS: OAA-2	OCP-2	BS: AN/WQM-4 BWA: OCP-3
OAA-1	BS: OAA-2	OCP-3	BS: AN/WQM-4
OAK	BWA: AN/USM-37A	OCP-4	BS: AN/WQM-4
OAL	BS: TV-7D/U	OCP-4A	BS: AN/WQM-4
OA0	BS: OA0-2	OD-7	BWA: TV-7D/U
OA0-1	BS: OA0-2	OE-11	BWA: AN/PSM-4C
OAP	BS: OAP-2	OF	BS: AN/PRM-25
OAP-1	BS: OAP-2 BWA: AN/TRM-1	OF-1	BS: AN/PRM-25
OAP-1A	BS: OAP-2	OF-2	BS: AN/PRM-25 BWA: AN/PRM-1A
OAW	BS: OAW-1	OJ	BS: AN/URM-90
OAW-1	BWA: TV-7D/U	OJ-1	BS: AN/URM-90
OAX	BWA: OCP-3	OJ-2	BS: AN/URM-90
OAY	BS: AN/PQM-1A	OJ-3	BS: AN/URM-90
OBL	BS: OS-8E/U BWA: OS-8C/U	OQ	BS: TV-7D/U
OBL-1	BS: OS-8E/U	OQ-1	BS: TV-7D/U
OBL-2	BS: OS-8E/U	OQ-2	BS: TV-7D/U
OBL-3	BS: OS-8E/U	OD-3	BS: TV-7D/U
OBL-3A	BS: OS-8E/U	OS-1/U	BWA: OS-8C/U
OBL-3B	BS: OS-8E/U		



<u>DOWNGRADED ITEM</u>	<u>PREFERRED ITEM</u>	<u>DOWNGRADED ITEM</u>	<u>PREFERRED ITEM</u>
OS-4/AP	BS: AN/USM-25A	SG-299A/U	AF: SG-299B/U
OS-4(XN-1)/AP	BS: AN/USM-25A	SG-321/U	BS: SG-522/U
OS-4(XN-2)/AP	BS: AN/USM-25A	SG-352/U	BS: AN/USM-108
OS-4A/AP	BS: AN/USM-25A	SM-26/U	AF: SM-26A/U
OS-4B/AP	BS: AN/USM-25A	SM-65/UP	BS: AN/UPM-81
OS-5/U	BS: AN/USM-25A BWA: AN/USM-105A	TS-3/AP	BS: TS-117/GP
OS-7/U	BS: AN/USM-115	TS-3A/AP	BS: TS-117/GP BWA: AN/UPM-44C
OS-8/U	AF: OS-8C/U BS: OS-8E/U	TS-5A/AP	BWA: AN/UPM-109
OS-8A/U	AF: OS-8C/U BS: OS-8E/U	TS-10B/APN	AF: AN/APM-68()
OS-8B/U	AF: OS-8C/U BS: OS-8E/U	TS-10C/APN	AF: AN/APM-68()
OS-8C/U	BS: OS-8E/U	TS-13/AP	BWA: AN/UPM-32
OS-8D/U	BS: OS-8E/U	TS-14/AP	BWA: AN/UPM-44C
OS-10A/U	BWA: AN/USM-105A	TS-14A/AP	BWA: AN/UPM-44C
OS-48/U	BWA: AN/USM-105A	TS-15/AP	BS: TS-15C/AP
OZ	BS: TV-7D/U	TS-15A/AP	BS: TS-15C/AP
OZ-1	BS: TV-7D/U	TS-15B/AP	AF: TS-15C/AP BS: TS-15C/AP
OZ-2	BS: TV-7D/U BWA: TV-7D/U	TS-17/ASQ	BWA: TS-85A/ASQ
OZ-3	BS: TV-7D/U	TS-18/AP	BWA: TS-89B/AP
RD-49/U	BS: RD-49A/U	TS-23/APN	AF: TS-23A/APN
RD-133/UN	AF: RD-173A/UN	TS-27()/TSM	AF: TS-27B/TSM
RO-43/APH	AF: RO-43A/APH	TS-27/TSM	AF: TS-27B/TSM
SG-1/ARN	AF: SG-1A/ARN	TS-27A/TSM	AF: TS-27B/TSM
SG-17/U	BS: AN/URM-26B	TS-28/UPN	BS: AN/USM-140A BWA: AN/USM-105A
SG-18/U	BS: AN/USM-27B BWA: AN/UPM-55A	TS-28A/UPN	BWA: AN/USM-105A
SG-19/U	BWA: TS-382F/U	TS-33/AP	BS: AN/UPM-95 BWA: AN/UPM-32
SG-21/U	BS: SG-21B/U	TS-33A/AP	BS: AN/UPM-95
SG-21A/U	BS: SG-21B/U	TS-34/AP	AF: AN/USM-38 BS: AN/USM-117 BWA: AN/USM-105A
SG-30/UP	BS: AN/UPM-55	TS-34A/AP	AF: AN/USM-38 BS: AN/USM-117 BWA: AN/USM-105A
SG-31/U	AF: SG-31A/U	TS-35/AP	BS: TS-147D/UP
SG-69A/PPM-1	BS: AN/UPM-55	TS-35A/AP	BS: TS-147D/UP BWA: AN/UPM-32
SG-298/U	BS: SG-522/U		
SG-299/U	BS: TS-583B/U		

<u>DOWNGRADED ITEM</u>	<u>PREFERRED ITEM</u>	<u>DOWNGRADED ITEM</u>	<u>PREFERRED ITEM</u>
TS-41/CRN-1	BWA: AN/TRM-1	TS-120/AP	BWA: AN/UPM-32
TS-45/APM-3	BWA: AN/UPM-32	TS-130/UP	AF: TS-130A/AP
TS-45A/APM-3	BWA: AN/UPM-32	TS-142/APG	AF: TS-142A/APG
TS-46/AP	BWA: TS-117/GP	TS-146/UP	BWA: AN/UPM-32
TS-47/APR	BS: AN/URM-26B	TS-147/UP	AF: AN/UPM-10B
TS-47A/APR	BS: AN/URM-26B		BS: TS-147D/UP
TS-59/APN-1	BWA: TS-250A/APN		BWA: AN/UPM-32
TS-59A/APN	BWA: TS-250A/APN	TS-147A/UP	AF: AN/UPM-10B
TS-60/U	BWA: TS-11/AP		BS: TS-147D/UP
TS-62/AP	BS: TS-488A/UP		BWA: AN/UPM-32
	BWA: TS-488A/UP	TS-147B/UP	AF: AN/UPM-10B
TS-65A/ MQ-1	AF: TS-65D/FMQ-1		BS: TS-147D/UP
TS-65B/FMQ-1	AF: TS-65D/FMQ-1	TS-147C/UP	BWA: AN/UPM-32
TS-65C/FMQ-1	AF: TS-65D/FMQ-1		AF: AN/UPM-10B
TS-67/ARN-5	BWA: AN/GRM-4	TS-147D/UP	BS: TS-147D/UP
TS-67A/ARN-5	AF: AN/GRM-4		BWA: AN/UPM-32
TS-69/ARN-5	BWA: AN/GRM-4	TS-148/UP	BS: AN/UPM-33A
TS-70/AP	BWA: AN/URM-120	TS-148A/UP	BWA: AN/UPM-32
TS-76/ARM-3	BWA: AN/UPM-32	TS-155/UP	BS: TS-155E/UP
TS-78/U	AF: AN/URM-13		BWA: AN/UPM-44C
	BWA: AN/URM-120	TS-155A/UP	BS: TS-155E/UP
TS-80/U	BWA: TS-11/AP	TS-155B/UP	BS: TS-155E/UP
TS-89/AP	AF: AN/UPM-85		BWA: AN/UPM-44C
	BS: TS-89C/AP	TS-155C/UP	BS: TS-155E/UP
TS-89A/AP	AF: AN/UPM-85		BWA: AN/UPM-44C
	BS: TS-89C/AP	TS-155D/UP	BS: TS-155E/UP
TS-89B/AP	AF: AN/UPM-85	TS-172A/UP	BS: TS-172/UP
	BS: TS-89C/AP	TS-173/UR	BS: TS-186E/UP
TS-90/AP	AF: TS-90B/AP		BWA: AN/USM-26A
TS-90A/AP	AF: TS-90B/AP	TS-174/U	BS: TS-323/UR
TS-100/AP	BWA: AN/USM-105A		TS-175/U
TS-102/AP	BS: AN/USM-115		BWA: AN/USM-159
TS-102A/AP	BS: AN/USM-115	TS-175/U	BWA: AN/USM-159
TS-102B/AP	AF: AN/UPM-61	TS-182/UP	BS: TS-355A/UP
TS-107/TPM-1	BS: TS-107A/TPM-1	TS-183/U	BS: TS-183B/U
TS-108/AP	AF: TS-108A/AP	TS-183A/U	BS: TS-183B/U
TS-108A/AP	BWA: DA-146/U	TS-186/UP	BS: TS-186E/UP
TS-118/AP	AF: TS-118A/AP	TS-186A/UP	BS: TS-186E/UP
	BWA: AN/URM-120	TS-186B/UP	BS: TS-186E/UP
		TS-186C/UP	BS: TS-186E/UP



<u>DOWNGRADED ITEM</u>	<u>PREFERRED ITEM</u>	<u>DOWNGRADED ITEM</u>	<u>PREFERRED ITEM</u>
TS-186D/UP	BS: TS-186E/UP	TS-268D/U	AF: TS-268E/U BS: TS-268F/U
TS-189/U	BWA: AN/USM-44A	TS-270/UP	BS: TS-270B/UP
TS-191/UP	BWA: AN/UPM-32	TS-270A/UP	BS: TS-270B/UP
TS-193/CPM-4	AF: TS-193B/CPM-4	TS-294/U	BWA: TS-505D/U
TS-193A/CPM-4	AF: TS-193B/CPM-4	TS-295/UP	BS: TS-295B/UP
TS-196/CPM-4	AF: AN/USM-68	TS-295A/UP	BS: TS-295B/UP
TS-202/U	BS: TS-202A/U BWA: AN/UPM-32	TS-297/U	BWA: AN/PSM-4C
TS-206/AR	BWA: AN/URM-120	TS-305/UP	AF: TS-305D/UP BS: TS-305C/UP
TS-207/UP	BS: TS-270B/UP	TS-305A/UP	AF: TS-305D/UP
TS-218/UP	AF: TS-488()/UP BS: TS-488A/UP BWA: TS-488A/UP	TS-305B/UP	AF: TS-305D/UP BS: TS-305C/UP
TS-218A/UP	BS: TS-488A/UP BWA: TS-488A/UP	TS-305C/UP	AF: TS-305D/UP
TS-222/MPN-1	AF: AN/UPM-18A	TS-307/ARW	BWA: AN/URM-120
TS-223/AP	BWA: AN/UPM-42	TS-309/U	BS: AN/TRM-3 BWA: AN/TRM-3
TS-230/AP	AF: TS-230C/AP BS: TS-230D/AP	TS-311/UP	BS: TS-311B/UP
TS-230A/AP	BS: TS-230D/AP	TS-311A/UP	BS: TS-311B/UP
TS-230B/AP	AF: TS-230C/AP BS: TS-230D/AP	TS-313/U	BWA: TV-7D/U
TS-230C/AP	BS: TS-230D/AP	TS-323/UR	BWA: AN/USM-159
TS-230E/AP	BS: TS-230D/AP	TS-324/U	BWA: AN/USM-105A
TS-231/AP	BS: DA-148/U BWA: DA-148/U	TS-325/U	BS: AN/USM-123
TS-231A/AP	BS: DA-148/U	TS-326/U	AF: TS-326C/U
TS-239/UP	AF: AN/USM-50C BS: AN/USM-140A BWA: AN/USM-105A	TS-326A/U	AF: TS-326C/U
TS-239A/UP	AF: AN/USM-50C BS: AN/USM-140A	TS-326B/U	AF: TS-326C/U
TS-247/APM-48	AF: TS-247A/APM-48	TS-328/U	AF: TS-934/U
TS-251/UP	BS: AN/GPM-15	TS-329/U	BWA: AN/URM-120
TS-257/ARW	AF: TS-257A/ARW	TS-332/UP	BWA: DA-146/U
TS-268/U	BS: TS-268F/U	TS-333/AP	BWA: AN/UPM-32
TS-269A/U	BS: TS-268F/U	TS-335/MPM	BWA: DA-145/U
TS-268B/U	AF: TS-268E/U BS: TS-268F/U	TS-338/UP	BWA: DA-145/U
TS-268C/U	AF: TS-268E/U BS: TS-268F/U	TS-352/U	AF: AN/PSM-6B BS: AN/PSM-4C BWA: AN/PSM-4C
		TS-352A/U	AF: AN/PSM-6B BS: AN/PSM-4C
		TS-352B/U	BS: AN/PSM-4C
		TS-355/UP	BS: TS-355A/UP

<u>DOWNGRADED ITEM</u>	<u>PREFERRED ITEM</u>	<u>DOWNGRADED ITEM</u>	<u>PREFERRED ITEM</u>
TS-358/UP	BS: AN/USM-115	TS-433A/U	BS: TS-583B/U
TS-359/U	AF: TS-359A/U	TS-433B/U	BS: TS-583B/U
TS-366A/TPS-10	AF: TS-366C/TPS-10	TS-433B/U	BS: TS-433A/U
TS-366B/TPS-10	AF: TS-366C/TPS-10	TS-452/U	AF: TS-452C/U
TS-375/U	BWA: TS-505D/U		BS: AN/TRM-3
TS-375A/U	BWA: TS-505D/U	TS-452A/U	BWA: AN/TRM-3
TS-382/U	AF: TS-382F/U		AF: TS-452C/U
	BS: AN/URM-127	TS-452B/U	BS: AN/TRM-3
TS-382A/U	AF: TS-382F/U		BWA: AN/TRM-3
	BS: AN/URM-127	TS-452C/U	AF: TS-452C/U
TS-382B/U	AF: TS-382F/U		BS: AN/TRM-3
	BS: AN/URM-127	TS-457/U	BS: AN/TRM-3
TS-382C/U	AF: TS-382F/U	TS-460/U	BS: AN/TRM-3
	BS: AN/URM-127		BWA: AN/TRM-3
TS-382D/U	AF: TS-382F/U	TS-460A/U	BS: AN/PSM-4C
	BS: AN/URM-127	TS-460B/U	AF: AN/URM-90
TS-382E/U	BS: AN/URM-127	TS-460C/U	BS: AN/URM-90
TS-382F/U	BS: AN/URM-127		BS: AN/URM-90
TS-383/GG	BS: TS-1060A/GG		BS: AN/URM-90
TS-383A/GG	BS: TS-1060A/GG		AF: AN/URM-90
TS-383B/GG	BS: TS-1060A/GG		BS: AN/URM-90
TS-389/U	BS: AN/USM-116	TS-480/U	BWA: AN/URM-90
TS-403/U	BS: AN/URM-61A	TS-488/UP	BWA: AN/PRM-10
TS-403A/U	BS: AN/URM-61A		AF: TS-488A/UP
TS-403B/U	BS: AN/URM-61A	TS-489/U	BS: TS-488A/UP
TS-413()/U	AF: AN/URM-25F	TS-497/URR	BWA: AN/USM-105A
TS-413/U	AF: AN/URM-25F		BS: AN/URM-26B
	BWA: AN/URM-25D	TS-497A/URR	BWA: AN/USM-44A
TS-413A/U	AF: AN/URM-25F		AF: AN/USM-44A
TS-414/U	AF: TS-897/U	TS-497B/URR	AN/URM-25F
TS-418/U	BS: AN/URM-49A		BS: AN/URM-26B
TS-418A/U	BS: AN/URM-49A	TS-501/UP	BS: TS-501A/UP
TS-418B/U	BS: AN/URM-49A	TS-505/U	AF: TS-505D/U
TS-418C/U	BS: AN/URM-49A		BS: AN/USM-116
TS-419/U	BS: AN/URM-64A	TS-505A/U	AF: TS-505D/U
TS-419A/U	BS: AN/URM-64A		BS: AN/USM-116
TS-421/U	BS: TS-421A/U	TS-505D/U	BS: AN/USM-116
TS-433/U	BS: TS-433A/U	TS-508/UP	BS: AN/UPM-46
TS-433/U	BS: TS-583B/U	TS-508(XN-1)/UP	BS: AN/UPM-46



<u>DOWNGRADED ITEM</u>	<u>PREFERRED ITEM</u>	<u>DOWNGRADED ITEM</u>	<u>PREFERRED ITEM</u>
TS-510/U	BS: AN/USM-44A	TS-642/U	BS: TS-147D/UP
TS-514/U	BWA: AN/USM-105A	TS-652/GG	BS: TS-1060A/GG
TS-523/ARN	BWA: AN/GRM-4	TS-653/APG	AF: TS-653/APG
TS-524/ARN	BWA: AN/GRM-4	TS-658/UG	BS: TS-1060A/GG
TS-535/U	BS: TS-535A/U	TS-659/UG	BS: TS-1060A/GG
TS-538/U	AF: TS-535B/U	TS-659(XN)/UG	BS: TS-1060A/GG
	BS: TS-538A/U	TS-666/AP	AF: TS-666A/AP
TS-538A/U	AF: TS-538B/U	TS-672/U	BS: TS-672A/U
TS-541()/TPS	AF: TS-541/TPS	TS-683/TSM	AF: TS-683A/TSM
TS-573/UP	AF: TS-573B/UP	TS-685/APG-30	BWA: AN/APM-72A
	BS: AN/USM-115	TS-696/UPM-11	BWA: AN/UPM-109
TS-573A/UP	AF: TS-573B/UP	TS-696A/UPM-11	BWA: AN/UPM-109
	BS: AN/USM-115	TS-701/ASQ	BWA: AN/ASM-4
TS-573B/UP	BS: AN/USM-115	TS-713/U	AF: TS-713A/U
TS-573(XN-3)/UP	BS: AN/USM-115	TS-723/U	BS: TS-723A/U
TS-574/U	BS: AN/URM-49A	TS-738/UPM-11	BWA: AN/UPM-109
	BWA: AN/USM-44A	TS-739/UPM-10	BWA: AN/UPM-32
TS-579/U	AF: AN/URM-91	TS-739A/UPM-10	BWA: AN/UPM-32
TS-579A/U	AF: AN/URM-91	TS-75/URM	BWA: AN/TRM-1
TS-582/U	BWA: AN/URM-39		OS-8C/U
TS-582A/U	BWA: AN/URM-39	TS-750A/URM	BWA: AN/TRM-1
TS-583/U	BS: TS-583B/U		OS-8C/U
TS-583A/U	BS: TS-583B/U	TS-805/U	BS: TS-805A/U
TS-585B/U	AF: TS-585C/U	TS-912/U	BS: TS-1194/U
TS-587/U	BS: AN/URM-47A	TS-917/GG	BS: TS-1060A/GG
TS-587A/U	BS: AN/URM-47A	TS-983/U	AF: TS-1078/G
TS-598/U	AF: TS-598A/U	TS-996/ARR-44	AF: AN/TSM-22
TS-606/U	BWA: AN/URM-25D	TS-1100/U	BS: TS-1100A/U
TS-616/U	BS: AN/USM-116	TS-1194A/U	BS: TS-1194/U
TS-619()/U	BWA: ME-30A/U	TS-1467(XG-1)/	BS: TS-1467/
TS-620()/U	BWA: TS-505D/U	URM-114	URM-114
TS-621/U	BS: AN/URM-52A	TV-2/U	AF: AN/USM-118A
TS-621(XN)/U	BS: AN/URM-52A	TV-2A/U	BWA: TV-7D/U
TS- 21(XN-1)/U	BS: AN/URM-52A	TV-3/U	BWA: TV-7D/U
TS-622/U	BS: AN/URM-44	TV-3A/U	BS: TV-7D/U
TS-622(XN-1)/U	BS: AN/URM-44	TV-3B/U	BS: TV-7D/U
TS-623/U	BWA: AN/PSM-4C		
TS-629/U	AF: TS-629B/U		

<u>DOWNGRADED ITEM</u>	<u>PREFERRED ITEM</u>
TV-3C/U	BS: TV-7D/U BWA: TV-7D/U
TV-7/U	BS: TV-7D/U
TV-7A/U	BS: TV-7D/U
TV-7B/U	BS: TV-7D/U
TV-7C/U	BS: TV-7D/U
TV-10/U	BS: TV-7D/U
TV-10A/U	BS: TV-7D/U
TV-10B/U	BS: TV-7D/U
TV-10C/U	BS: TV-7D/U
X-OCP	BS: AN/WQM-4
ZM-3A/U	BWA: AN/URM-90
ZM-4/U	BS: ZM-4B/U
ZM-4A/U	BS: ZM-4B/U
ZM-4B/U	BWA: AN/URM-90
ZM-11/U	BS: ZM-11A/U BWA: AN/URM-90

DOWNGRADED  
ITEM

PREFERRED  
ITEM





