

DEPARTMENT OF THE ARMY TECHNICAL BULLETIN

REVIEW PERIODS OF
 SELECTED ELECTRONICS EQUIPMENT
 FOR OVERHAUL

Headquarters, Department of the Army, Washington, DC
 22 August 1980

REPORTING ERRORS AND RECOMMENDING IMPROVEMENTS

You can help improve this manual. If you find any mistakes or if you know of a way to improve the procedures, please let us know. Mail your letter or DA Form 2028 (Recommended Changes to Publications and Blank Forms) direct to: Commander, US Army Communications and Electronics Materiel Readiness Command, ATTN: DRSEL-ME-MQ, Fort Monmouth, NJ 07703. A reply will be furnished direct to you.

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1. Purpose This bulletin is a means for assisting Commanders in evaluating and identifying candidates requiring overhaul in CONUS for Procurement Appropriation major Communication Electronic (C-E) equipments, in accordance with the provisions of AR 750-1.

2. Scope. The contents of this bulletin apply to all Department of the Army organizations, installations and activities, US Army Reserve and National Guard being supported by a Direct Support/General Support (DS/GS) maintenance mission.

3. General.

a. Almost every PA major C-E equipment in field use eventually requires overhaul. The time when overhaul becomes necessary often depends on the following:

- (1) Number of hours in operation.
- (2) Effectiveness of preventive maintenance applied.

(3) Past thoroughness of DS/GS maintenance performed.

(4) Physical handling.

(5) Original electromechanical design.

(6) Construction material.

b. Appendix I lists the MTBO (Mean Time Between Overhaul) for PA major C-E equipments. The MTBO is estimated on the total fielded inventory of the given C-E equipment. As indicated by the term "mean," MTBO is the number of months in operation determined by an averaging technique. Therefore, the MTBO does not necessarily indicate that any individual C-E equipment requires overhaul at the predicted date after fielding. Only an inspection by a highly qualified technician can determine the necessity for overhaul.

c. For planning purposes, the MTBO is provided as a method of predicting the approximate date, after fielding, when an item should be programmed for a complete, thorough combat relia

bility examination. Each MTBO will be revised periodically based upon the latest available data. If an item that is a potential candidate for overhaul does not appear in appendix I, immediately notify the following:

Commander
 US Army Communications and Electronics
 Materiel Readiness Command
 ATTN: DRSEL-ME-MQ
 Fort Monmouth, NJ 07703

d. Before deciding whether or not an item should be overhauled in CONUS, the inspector should consider if the item can be brought to the operational performance level specified in the applicable technical manuals by normal DS/GS maintenance support.

e. Equipment undergoing inspection will not be unnecessarily disassembled solely to check for serviceability of parts, assemblies, or subassemblies. Maximum use of available diagnostic equipment will be applied. Use of the applicable equipment technical manuals, supply bulletins, and technical bulletins of the 750 and 43 series, should provide the inspector with sufficient information to determine serviceability and overhaul criteria. Additional assistance can be obtained in accordance with the provisions of AR 700-4.

4. Procedures When an item becomes a candidate for overhaul the using activity should: a. Obtain inspection and final determination of the need for overhaul either by a qualified inspector from the supporting Army field maintenance shop or by an equipment representative from CERCOM Technical Assistance Field Office. DA Form 2404, Equipment Inspection and Maintenance Worksheet, should be completed prior to evacuating an equipment for repair in CONUS.

b. Use procedures as outlined in Chapter 7, AR 725-50, which provides for reporting the asset by Field Turn-in Excess (FTE) and requesting disposition from the CERCOM NIPC. The reply in the form of a Field Turn-in Response (FTR) document will direct the turn-in to the appropriate prime depot in CONUS for overhaul.

c. The unserviceable equipment being returned to CONUS must be complete, to include all functional and nonfunctional basic issue items (B11s). Also, the equipment must be accompanied with the completed DA Form 2404 and DD Form 1348.

d. If replacement of the equipment being returned to CONUS is required, process a replacement requisition (A2) in accordance with current requisitioning procedures, AR 725-50.

APPENDIX I REPAIR/OVERHAUL EQUIPMENT LIST

Type Number	LIN	Nomenclature	MTBO (Years)
AM-598/U	A52601	Amplifier, Power Supply GP	5
AM-844/U	A46162	Amplifier	5
AM-871/U	A46299	Amplifier, Audio Frequency	5
AM-1780/VRC	A46470	Amplifier, Audio Frequency	5
AM-1839/USM	P45390	Preamplifier	5
AM-1841/USM	P45527	Preamplifier	5
AM-1842/USM	P45664	Preamplifier	5
AM-1881/U	A53697	Amplifier, Radio Frequency	5
AM-3085/G	A48354	Amplifier	5
AM-3148/USM	P45801	Preamplifier	5
AM-3174/USM	P45817	Preamplifier	5
AM-3567/USM	N32934	Oscillator Subassembly	5
AM-3568/USM	N32936	High Gain-Wide Band Preamplifier	5
AM-6091/FSC	A46641	Amplifier, Audio Frequency	5
AN/AAM-10	W01728	Test Target, Thermal	5
AN/AAM-12	V80834	Test Set, Infrared Detector	5
AN/AAM-26	J59966	Generator, Video Signal	5
AN/AAM-29	R72340	Test Set, Cryogenic Refrigerator	5
AN/AAM-33	V99020	Test Set, Terrain Calib Indic.	5
AN/AAM-38	V80868	Test Set, Infrared Detecting	5
AN/AAM-39	V76434	Test Set, Electronic Circuit Plug-In Unit	5
AN/AAS-24	G01940	Detector Set, Infrared	6
AN/AKT-16	X18800	Transmitting Set, Radar Data	3
AN/AKT-18	Q13862	Transmitting Set, Radar Data	3
AN/APM-66	V83369	Test Set, Radar	5
AN/APM-123	V99347	Test Set, Transponder	5
AN/APM-196	V90475	Test Set, Recorder	5
AN/APS-94D	E56851	Combat Surv Set	5
AN/APX-72	X22568	Transponder Set	5

Type Number	LIN	Nomenclature	MTBO (Years)
AN/ARC-51BX	Q24882	Radio Set	5
AN/ARC-102	Q25978	Radio Set	5
AN/ARC-116	9Q2F992	Radio Set	5
AN/ARC-131	Q26007	Radio Set	5
AN/ARM-5A	V86383	Test Set, Radio	5
AN/ARM-63	V87205	Test Set, Radio	5
AN/ARM-71	V90356	Test Set, Radio	5
AN/ARM-92	V90287	Test Set, Radio	5
AN/ARM-93	V73847	Test Set, Direction Finder	5
AN/ARM-94	V99295	Test Set	5
AN/ARM-109	V63589	Test Set, Antenna Coupler	5
AN/ARM-156	V81663	Test Set, Radio	5
AN/ARN-82	R37151	Receiver, Radio	5
AN/ARN-83	G11697	Direction Finder Set	5
AN/ARN-89A	G11703	Direction Finder Set	5
AN/ARN-103	A23371	Airborne Navigation Set	5
AN/ASC-15	E58601	Command Console, Electronic	5
AN/ASM-80	A55704	Analyzer, Flight Line	5
AN/ASM-101	V91178	Test Set, Resolver	5
AN/ASM-110	V80081	Test Set, Indicator	5
AN/ASM-120	T54121	Simulator, Aircraft Displacement	5
AN/ASM-121	V63318	Test Set, Amplifier	5
AN/ASM-125	A55156	Analyzer, Bench Test	5
AN/ASM-126	V83300	Test Set, Propeller Syncrophaser	5
AN/ASM-127	V83305	Test Set, Propeller Syncrophaser	5
AN/ASM-137A	A55293	Analyzer-Charger, Battery	5
AN/ASM-146B	H01907	Electronic Shop, Shelter Mounted	5
AN/ASM-147B	H01902	Electronic Shop, Shelter Mounted	5
AN/ASM-189	H01855	Electronic Shop, Semitrailer, Mounted	5
AN/ASM-190	H01857	Electronic Shop, Semitrailer, Mounted	5
AN/ASM-297	V81671	Test Set, Module	5
AN/ASM-298	V69826	Test Bench Set, Attitude-Heading Reference Set	5
AN/ASM-299	V81485	Test Set, Attitude-Heading Reference Set	5
AN/ASM-339	V75260	Calibrator Set, Magnetic Compass	5
AN/ASM-365	R83677	Test Set, Reproducer Converter	5
AN/ASM-385	V79841	Test Set, Gyro Stabilized Platform	5
AN/ASM-386	V81884	Test Set, Navigation Computer/Control Indicator	5
AN/ASM-404	V63420	Test Set, Analog Module	5
AN/ASM421	V73770	Test Set, Digital Module	5
AN/ASN-43	J99737	Gyromagnetic Compass Set	5
AN/ASN-64	G37435	Doppler Navigation Set	5
AN/ASN-76	B00529	Attitude-Heading Ref Set	5
AN/ASN-86	M95191	Navigation Set, Inertial	5
AN/ASW-12	B03393	Flight Control System, Automatic	5
AN/AYM-8	V92239	Test Set, Signal Data Converter	5
AN/AYM-9	V71792	Test Set, Control, Monitor-Recording Head	5
AN/FCC-18	M84666	Multiplexer Set	5
AN/FCC-25	V28150	Telegraph Terminal	6
AN/FCC-31	V56218	Telegraph Terminal	5
AN/FGC-79	V41853	Teletypewriter Set	5
AN/FPA-15	E83017	ECCM Console	5
AN/FPA-16	E83154	ECCM Console	5
AN/FPM-26	V83163	Test Set, Power Supply	5
AN/FPN40	Q14455	Radar Set	2
AN/FPS-36	Q14866	Radar Set	5
AN/FPS-71	Q15140	Radar Set	5
AN/FPS-75	Q15277	Radar Set	5
AN/FYM-26	T55203	Coordination Simulator	5
AN/GCA-4	A54786	Analog Conference Group	5
AN/GCA-5	A54787	Analog Conference Group	5
AN/GCA-6	A54788	Analog Conference Group	5
AN/GCA-7	A54789	Analog Conference Group	5
AN/GCA-7	K97284	Interconnecting Group	5
AN/GCA-38	K97285	Interconnecting Group	4
AN/GCA-39	K97286	Interconnecting Group	4
AN/GCC-11	E82674	Communications Control Console	5
AN/GCC-12	E82675	Communications Control Console	5

Type Number	LIN	Nomenclature	MTBO (Years)
AN/GCC-13	E82676	Communications Control Console	5
AN/GMD-1	R16476	Rawin Set	3
AN/GMQ-11	Y54401	Wind Measuring Set	5
AN/GPM-42	V83780	Test Set, Radar	5
AN/GPM-45	R42741	Recorder Set, Radiation Pattern, Radio Frequency	5
AN/GPM-46A	V83917	Test Set, Radar	5
AN/GPM-52	V80355	Test Set, Indicator	5
AN/GPM-61	V80423	Test Set, Indicator	5
AN/GRA-39B	Q78282	Radio Set, Control Group	5
AN/GRA-71	B46063	Coder-Burst Transmission Group	5
AN/GRC-50A(V)1	Q32071	Radio Set	3
AN/GRC-67	Q91396	Radio Terminal Set	5
AN/GRC-103(V)1	Q32687	Radio Set	5
AN/GRC-106	Q32756	Radio Set	5
AN/GRC-109	Q33337	Radio Set	5
AN/GRC-122	Q90100	Radio TT Set	5
AN/GRC-125	Q34308	Radio Set	4
AN/GRC-142	Q90120	Radio TT Set	5
AN/GRC-143	Q34282	Radio Set	5
AN/GRC-160	Q34308	Radio Set	4
AN/GRC-165	Q34403	Radio Set	5
AN/GRM-33A	V87547	Test Set, Radio	5
AN/GRM-50	J52472	Generator, Signal	5
AN/GRM-55	V76519	Test Set, Electronic Circuit Plug-In Unit	5
AN/GRM-62	V89465	Test Set, Radio Frequency	5
AN/GRM-63	V81348	Test Set, Intermediate Frequency	5
AN/GRM-64	V81656	Test Set, Modulator-IF	5
AN/GRM-65	V66723	Test Set, Audio	5
AN/GRM-66	V81931	Test Set, Noise Loading	5
AN/GRM-67	V81397	Test Set, Power Supply	5
AN/GRM-68	V90322	Test Set, Receiver Filter	5
AN/GRM-90	Q93101	Test Set, Radio	5
AN/GRR-23	R21284	Radio Receiver	5
AN/GRR-24	R21285	Radio Receiver	5
AN/GRT-21	X20375	Radio Transmitter	5
AN/GRT-22	X20376	Radio Transmitter	5
AN/GSH-17	R42672	Recorder-Reproducer Sound Set	5
AN/GSM-6	V81177	Test Set, Insulation Breakdown	5
AN/GSM-21	V92548	Test Set, Signal Generator	5
AN/GSM-51	V76656	Test Set, Electronic Circuit Plug-In Unit	5
AN/GSM-64	Y14526	Voltmeter, Digital	5
AN/GSM-65	V81862	Test Set, Motor Generator	5
AN/GSQ-80	D78271	Message Center	5
AN/GSQ-166	E60189	Communications Technical Control Central	5
AN/GSS-1	Q18702	Radar Surveillance, Central	5
AN/GSS-14	S67375	Searchlight, Visible Light-Infrared	5
AN/GTC-24	V55825	Terminal, SecVoice Subscriber	5
AM/MCC-6	V57846	Terminal TG, Tel	5
AN/MC-17	D80116	Central Office TT	5
AN/MGC-22	V44023	Teletypewriter Terminal	5
AN/MGC-23	V39309	Teletypewriter Relay Central	5
AN/MPQ-4A	Q15414	Radar Set	2
AN/MRC-54	R77394	Repeater Set, Radio	5
AN/MRC-69	Q91844	Radio Terminal Set	5
AN/MRC-73	Q92118	Radio Terminal Set	5
AN/MRC-127(V)	Q92197	Radio Terminal Set	5
AN/MRR-8	R38590	Radio Receiver	5
AN/MRT-9	X20444	Transmitter, Radio	5
AN/MSC-25(V)	N19977	Comm Ops Center	5
AN/MSC-29	V57504	Terminal, Telegraph	5
AN/MSC-31A	N20115	Operations Center, Communications	5
AN/MSC-32	N20663	Operations Control	5
ANIMSC-46	S34259	Satellite Comm Term	5
ANIMSC-53	H76489	Flt Ops Central	5
AN/MSQ-73	E60194	Comm Tech Control Cntr	5
AN/MSS-3	S67395	Searchlight	5
AN/MTC-1	D78907	Central Ofc, Telephone, Manual	5

Type Number	LIN	Nomenclature	MTBO (Years)
AN/MTC-7	D79481	Central Ofc, Telephone, Manual	5
AN/MTC-9	D79318	General Office, Telephone, Manual	5
AN/NITC-10	V29156	Telephone, Central Ofc, Group	5
AN/MTC-11	V58462	Terminal, Telephone	5
AN/MYK-8	Z38116	Data Analysis System, Service Support	5
AN/PAS-6	M35691	Metascope	4
AN/PFP-1	P76477	Projector Set, Motion Picture	5
AN/PGC-1	V42105	Teletypewriter Set	5
AN/PGM-1	V94055	Test Set, Telegraph	5
AN/PMQ-6	Y54817	Wind Measuring Set	5
AN/PPM-1	J33711	Pulse Generator	5
AN/PPS-4	Q16100	Radar Set	5
AN/PPS-5	Q16110	Radar Set	5
AN/PRC-10A	Q36398	Radio Set	4
AN/PRC-41	Q37982	Radio Set	4
AN/PRC-47	Q38119	Radio Set	5
AN/PRC-74	Q38296	Radio Set	4
AN/PRC-77	Q38299	Radio Set	5
AN/PRM-31B	V87581	Test Set, Radio	5
AN/PRR-9	R29799	Receiver Set, Radio	4
AN/PRT-4	X17820	Transmitter Set, Radio	4
AN/IPSM-6	M79865	Multimeter	5
ANPTM-7	V96521	Test Set, Telephone	5
AN/PVS-2	N04730	Night Vision Sight, Individ. Served Weapon	5
AN/PVS-3	K08404	Night Vision Sight, Miniaturized	5
AN/TAQ-1B	U68036	Surv Info Center	5
AN/TCC-3	V58351	Terminal, Telephone	5
AN/TCC-4	V57298	Terminal, Telephone	5
ANrTCC-7	D12634	Carrier Sys Telephone	5
ANrTCC-20	V57435	Terminal, Telephone	5
AN/TCC-23	V58668	Terminal, Telephone	5
AN/TCC-29	V57914	Terminal, Telephone Telegraph	5
AN/TCC-50	V58805	Terminal, Telephone	5
AN/TCC-60	V31417	Terminal, Telephone	5
AN/TCC-61	V31419	Terminal Set, Telephone	5
AN/TCC-62	V31422	Terminal, Telephone	5
AN/TCC-69	V55860	Terminal, Telephone	5
AN/TCC-72	V58827	Terminal, Telephone	5
AN/TGC-30	D80116	Central Office, Teletypewriter	5
AN/TGC-39(V)2	V44092	Terminal, Teletypewriter	5
AN/TIQ-2A	P84324	Public Address Set	5
AN/TKQ-1	Q13817	Receiving Set, Radar Data	5
AN/TMQ-5	R50043	Recording Set, Weather Data	5
AN/TMQ-22	M36225	Meterological Meas Set	5
AN/TNS-10	T96605	Sound Ranging Set	5
AN/TPM-24(V)3	V61621	Test Set, Interrogator	5
AN/TPN-18	Z52435	Radar Set	2
ANTrPS-1D	Q39283	Radar Set	5
ANrTPS-25	Q17332	Radar Set	5
AN/rPS-33	Q17469	Radar Set	5
ANfrPS-58	Q17503	Radar Set	5
AN/TPX-26	K98935	Interrogator Set	5
ANTrPX-27	K99072	Interrogator Set	5
AN/TrPX-46(V)1	K99094	Interrogator Set	5
AN/TPX46(V)2	K99095	Interrogator Set	5
AN/TPX-46(V)3	K99096	Interrogator Set	5
ANrrPX-46(V)4	K99098	Interrogator Set	5
AN/TPX-46(V)6	K99097	InterrogatorSet	5
AN/TPX-50	Q40311	Interrogator Set	5
AN/TRC-24	Q40448	Radio Set	5
AN/TRC-29	Q40859	Radio Set	5
ANITRC-35	Q92255	Radio Terminal Set	5
AN/TRC-36	R77531	Repeater Radio Set	5
AN/TRC-68	Q41407	Radio Set	5
AN/TRC-80	Q92530	Radio Terminal Set	5
ANfrRC-90	Q90201	Radio Terminal Set	5
AN/TrRC-110	Q23832	Radio Repeater Set (FDM)	5
AN/TRC-110	Q23831	Radio Repeater Set (PCM)	5

Type Number	LIN	Nomenclature	MTBO (Years)
AN/TRC-111	R78011	Repeater Set, Radio	5
AN/TRC-112	Q92848	Radio Terminal Set	5
ANrTRC-113	R78062	Repeater Radio Set	5
AN/TRC-117	Q92854	Radio Terminal Set	5
AN/TRC-121	Q92858	Radio Terminal Set	5
AN/TRC-129	Q92874	Radio Terminal Set	5
AN/TRC-132	Q92878	Radio Terminal Set	5
AN/TRC-132A	Q92877	Radio Terminal Set	5
ANfrRC-138	R78048	Repeater Set, Radio	5
AN/TRC-143	Q92891	Radio Terminal Set	5
ANfrRC-145	Q92894	Radio Terminal Set	5
AN/TSC-25	E59763	Comm Central	5
AN/TSC-26	E59768	Comm Central	5
AN/TSC-38B	E59831	Comm Central	5
AN/TSC-50C/D	D78329	Message Center, Teletypewriter	5
ANrTSC-54	V55726	Term Satellite Comm	5
AN/TSC-58	V57504	Terminal, Telegraph	5
ANITSC61	H76532	Flight Coordination Central	5
AN/TSC-76	D77886	Communications Patching Center	5
AN/TSC-82	E59889	Communications Central	5
ANrTSM-55(V)2	X32121	Transportable Mntc Calib Fac	5
AN/TSM-126	H01886	Electronic Shop, Transportable	5
AN/TSQ-38	N21073	Operations Center Without Power Unit	5
AN/TSQ-43	V08844	Tactical Image Interpretation Facility	5
AN/TSQ-71A	L36402	Landing Control Central	5
ANrTSQ-84	E60197	Communications Tech Control Ctr	5
AN/TTc-7	D79455	Central Office, Telephone, Manual	5
ANrTc-23	D79476	Central Office, Telephone, Manual	5
ANrITC-28	V31331	Telephone System, Transportable	5
ANrTC-29	D79481	Central Office, Telephone, Manual	5
ANCr-35(V)I	D79487	Central Office, Telephone, Manual	5
ANITC-35(V)2	D79488	Central Office, Telephone, Manual	5
ANrrC38(V)I	D78523	Central Office, Telephone, Automatic	5
AN/TVS-	N04593	Night Vision Sight, Crew Served Weapons	5
ANrTVS-3	S67465	Searchlight	5
AN/TVS-4	N15518	Night Vision Sight, Tripod Mounted	5
ANfrYC-8(V)4	G10748	Digital Subscriber Terminal	5
AN/UAM-11	T58148	Simulator Set, System Indication	6
AN/UDM-1	C75466	Calibrator Set, Radiac	5
ANI/UDM-1A	C75603	Calibrator Set, Radiac	5
AN/UDM-6	C74507	Calibrator Set, Radiac	5
AN/UGA-8	K97357	Interface Conv Group	5
AN/UGC4	V43338	Typewriter Set	5
AN/UGM-1	V97617	Test Set, Teletypewriter	5
AN/UPM-6B	V84054	Test Set, Radar	5
AN/UPM-11	C75740	Calibrator Set, Range	5
AN/UPM-15	J33780	Generator, Pulse	5
AN/UPM-29	V84288	Test Set, Radar	5
AN/UPM-33A	V84328	Test Set, Radar	5
AN/UPM-58	A56800	Analyzer, Spectrum	5
AN/UPM40	V84602	Test Set, Radar	5
AN/UPM-84	A56937	Analyzer, Spectrum	5
AN/UPM-93A	V74738	Test Set, Electrical Power	5
AN/UPM-98	V84876	Test Set, Radar	5
AN/UPM-110	A57074	Analyzer, Spectrum	5
AN/URM-25B	J52549	Generator, Signal	5
AN/URM-26B	J52686	Generator, Signal	5
AN/URM-32	J00456	Frequency Meter	5
AN/URM-44A	J52823	Generator, Signal	5
AN/URM-48	J52960	Generator, Signal	5
AN/URM-49	J53097	Generator, Signal	5
AN/URM-52	J53234	Generator, Signal	5
AN/URM-61A	J53371	Generator, Signal	5
AN/URM-64	J53508	Generator, Signal	5
AN/URM-80	J00730	Frequency Meter	5
AN/URM-98	Y38404	Wattmeter	5
AN/URM-103	J53602	Generator, Signal	5
AN/URM-105	M80002	Multimeter	5

Type Number	LIN	Nomenclature	MTBO (Years)
AN/URM-120	V89534	Test Set, Radio Frequency Power	5
AN/URM-127	J53712	Generator, Signal	5
AN/URM-145	Y14633	Voltmeter, Electronic	5
ANIURM-149	J53731	Generator, Signal	5
AN/URM-157	V62066	Test Set Harness, Radio Set	5
AN/URM-182	V89641	Test Set, Radio Frequency, Power	5
AN/USM-37	K79859	Indicator, Standing Wave, Ratio	5
AN/USM-44A	J53782	Generator, Signal	4
AN/USM45	C73274	Calibrator, Frequency	5
AN/USM-63A	V69395	Test Set, Battery	5
AN/USM-83	Y38952	Wattmeter	5
ANI/USM-98	Y14800	Voltmeter, Electronic	5
AN/USM-108	J59810	Generator, Time Mark	5
AN/USM-117	N30231	Oscilloscope	5
AN/USM-140	N30256	Oscilloscope	5
AN/USM-159	J01004	Frequency Meter	5
AN/USM-161	V89808	Test Set, Radio Frequency	5
AN/USM-181	V94466	Test Set, Telephone	5
AN/USM-182	N30368	Oscilloscope	5
AN/USM-203	J58919	Generator, Sweep Signal	5
AN/USM-205	J53944	Generator, Signal	5
AN/USM-207A	F19198	Counter, Electronic Digital Readout	5
ANI/USM-281A	N30572	Oscilloscope	5
AN/USM-303	M80259	Multimeter	5
AN/VRC-12	Q45779	Radio Set	5
AN/VRC-24	Q50421	Radio Set	5
AN/VRC-29	Q90337	Radio TT Set	5
ANIVRC-43	Q52072	Radio Set	5
AN/VRC-44	Q52394	Radio Set	5
AN/VRC-45	Q52716	Radio Set	5
AN/VRC46	Q53001	Radio Set	5
AN/VRC-47	Q54174	Radio Set	5
AN/VRC-48	Q54829	Radio Set	5
AN/VRC49	Q55114	Radio Set	5
AN/VRC-53	Q56783	Radio Set	4
AN/VRM-1	V88027	Test Set, Radio	5
AN/VSC-2	Q91301	Radio TT Set	1.5
AN/VSC-3	Q91302	Radio TT Set	1.5
AN/VSS-1	S67421	Searchlight, Infrared	3
AN/VSS-3	S66941	Searchlight, Infrared	3
AS-2-1	P76564	Projector Set, Motion Picture	5
AS-25A	Q75541	Projector Set, Motion Picture	4
BB-501/U	B45010	Battery	2
C-2299/VRC	E94970	Control Radio Set	5
C-7050/G	E97952	Control Unit Teletypewriter	2
C-7185/G	E90791	Control-Keyboards	3
C-8120(P)/G	E58476	Common Control Unit	5
CH-625/FSC	K56731	Housing Delay Equalizer	5
CN-1234/GCC	H11954	Envelope Delay and Amplitude Equalizer	5
CN-1259/FSC	F88293	Delay Equalizer	5
CU-942/ARC-54	F24390	Coupler Antenna	5
CV-2C/TX	F03595	Converter Signal Data	5
CV-116/URR	F02225	Converter Frequency Shift	5
CV-2545/FG	F01051	Converter, Digital to Digital	5
ES-38	N86481	Photographic Darkroom Group	5
ES-82A	N86514	Photographic Darkroom, Transportable	5
GR-8	T96726	Sound Ranging Set	5
ID48/ARN	K73009	Indicator, Azimuth	5
ID-250A/ARN	K74105	Course Indicator	5
ID-292/PRC-6	K73694	Indicator, Channel Alignment	5
ID-985/ASW	V93781	Indicator, Master	5
ID-998/ASN	K79174	Indicator, Radio Magnetic Compass	5
ID-1189/PR	K73763	Indicator, Channel Alignment	5
IM-175/U	K80432	Indicator, Standing Wave Ratio	5
IP-173/U	K77941	Indicator, Panoramic	5
KA-30A	C85871	Camera, Still Picture	4
KA-60C	C86076	Camera, Still Picture	4
KA-76	C86118	Camera, Still Picture	4

Type Number	LIN	Nomenclature	MTBO (Years)
KS-61	N86960	Photo Surv Sys, Airborne	5
KS-99	C85494	Camera Set, Still Picture	5
LA-387A	W21317	Timer, Digital, Electronic	5
LM-63A	V70139	Test Set, Camera	5
LS-44A	A58307	Analyzer, Still Picture	5
LS-50A	V71861	Test Set, Converter	5
LS-51A	V91589	Test Set, Scanner, Alignment	5
LS-59	H73029	Flasher System, Photographic Aircraft	4
LS-70A	V82855	Flasher System Test Set	5
LS-78A	V70593	Test Set, Camera, Still	5
LS-86A	V70200	Test Set, Camera	5
LS-89A	A56235	Analyzer Set, Photographic Surv System	5
LS454	L84098	Loudspeaker, Permanent Magnet	5
MD-83A	M64001	Modulator, Radio	5
MD-522/GRC	M58822	Modem, Radio Teletypewriter Set	5
MD-700(P)/G	M59232	Telegraph Modem	6
MD-701BfUY	M58771	Digital Data Modem	5
MD-773/GCC	M59260	Telephone Modem	5
ME-22/PCM	M37376	Meter, Audio Level	5
ME-26/U	M80276	Multimeter	5
ME-30/U	M80413	Multimeter	5
ME-57/U	M38609	Meter, Modulation	5
ME-65/U	A38401	Ammeter	5
ME-71A/FCC	M37513	Meter, Audio Level	5
ME-82/U	Y38678	Wattmeter	5
ME-86/U	M38198	Meter, Foot Candle, Photoelectric	5
ME-147IU	Y13190	Voltmeter	5
ME-202/U	Y14937	Voltmeter, Electronic	6
ML-102/G	B33156	Barometer Aneriod	5
MT-1029VRC	B38070	Base, Shock Mount, Electrical	2
MT-1898/VRC	M77926	Mounting	5
OS-8/U	N31327	Oscilloscope	5
PP-112/GR	P31738	Power Supply	5
PP-351/T	P33382	Power Supply	5
PP-827/TCC-7	P35985	Power Supply	5
PP-962/U	L28684	Klystron Power Supply	5
PP-1104/G	P37218	Power Supply	5
PP-1243/U	P37492	Power Supply	5
PP-1451/G	D98888	Charger, Battery	5
PP-1578/PD	E00533	Charger, Radiac Detector	5
PP-1656/G	P38040	Power Supply	5
PP-1659/G	D99025	Charger, Battery	5
PP-2309A/U	P38314	Power Supply	5
PP-2953/U	P38588	Power Supply	5
PP-3035/U	P39136	Power Supply	5
PP-3240AfU	D99401	Charger, Battery	5
PP-3514/U	P39958	Power Supply	5
PP-3939/G	P40369	Power Supply	5
PP-3940/G	P40374	Power Supply	5
PP-3941G	P40506	Power Supply	5
PP-4127,U	D99419	Charger, Battery	5
R-390A/URR	R24367	Receiver, Radio	5
R-392/URR	R24641	Receiver, Radio	4
R-442/VRC	R25600	Receiver, Radio	5
RD-60U	R44111	Recorder, Telegraph Code Tape	5
RO-2/GMQ	R44385	Recorder, Wind Direction and Speed	5
RO-166/UP	R42467	Recorder, Processor, Viewer	5
RO-312/G	D07303	High Speed Card Punch	3
RO-313/G	D07304	Low Speed Card Punch	3
RO-314/G	N66018	Paper Tape Punch, High Speed	3
RO-315/G	N66019	Low Speed Paper Tape Punch	3
RP-152/G	R17044	Card Reader	4
RP-154(P)/G	R17010	Reader, Punched Tape	4
RP-157,G	P58044	Page Printer	3
RT-211A/TPX	R32980	Receiver-Transmitter	5
RT-505,PRC-25	R33802	Receiver-Transmitter, Radio	4
RT-524/VRC	R33929	Receiver-Transmitter, Radio	5
SA-1616/G	G07293	Device Switching Module	5

Type Number	LIN	Nomenclature	MTBO (Years)
SA-1635/G	U80228	Switching Control Unit	5
SA-1704/G	U80324	Switching Control Unit	5
SB-22/PT	U81707	Switchboard, Telephone Manual	4
SB-86/P	U82255	Switchboard, Telephone Manual	5
SB-249/ITC	U82392	Switchboard, Telephone Manual	5
SB4-11/MRC	D77886	Panel Patching Comm	5
SB-675/MSC	N59898	Panel Patching Comm	5
SB-3259/G	U82636	Switchboard, Telephone Manual	4
SB-3300/G	U81227	Switchboard, Communications Patching	4
SB-3301/G	U81228	Switchboard, Communications Patching	4
SB-3302/G	U81229	Switchboard, Communications Patching	4
SG-13/ARN	J54741	Generator, Signal	5
SG-15/PCM	J54878	Generator, Signal	5
SG-69/PPM-1	J34328	Generator, Pulse	5
SG-71/FCC	J55289	Generator, Signal	5
SG-92/U	J58303	Generator, Sweep	5
SG-299/U	J55837	Generator, Signal	5
SG-321/U	J55944	Generator, Signal	5
SG-336/U	J58577	Generator, Sweep	5
SG-337/U	J59399	Generator, Thermal Noise	5
SG-366/U	J34465	Generator, Pulse	5
SG-419/U	J59536	Generator, Thermal	5
SG-475/APS-94	N26080	Oscillator, Pulse Delay	5
SM-253/ASM	T56813	Simulator, Gyro Signal	5
SM-254/ASM	T56128	Simulator, Navigation	5
SM-335/ASM	T54141	Simulator, Amplifier Output	5
SM-486/ASN	T56103	Simulator, Gyro and Compass Signal	5
SN-394(V)1/G	U85330	Electrical Synchronizer	5
T-368/URT, A3	X17341	Transmitter, Radio	5
TA-182/U	F04828	Converter, TG/Tel Signal	7
TA-207/P	T47915	Signal Assembly, Switchboard	5
TA-236/FT	V30663	Telephone Set	5
TA-248/TTC&A	J35287	Generator, Ringing, Static	5
TA-825/G	J02244	Frequency Signaling Unit	5
TD-204/U	M84583	Multiplexer	5
TD-660A/G	M84608	Multiplexer	5
TH-5/TG	V57709	Terminal, Telegraph	5
TH-22/TG	V57729	Terminal, Telegraph	5
TS-15C/AP	M37855	Meter, Field Strength	5
TS-26r/TSM	V94740	Test Set, Telephone	5
TS-27B/TSM	V94877	Test Set, Telephone	5
TS-65/FMQ-1	C73685	Frequency Calibrator	5
TS-118A/AP	V88164	Test Set, Radio	5
TS-125/AP	V90082	Test Set, Radio Frequency Power	5
TS-147B/UP	V85150	Test Set, Radar	5
TS-148/UP	A57622	Spectrum Analyzer	5
TS-172A/UP	D76722	Cavity, Tuned	5
TS-183/U	V69532	Test Set, Battery	5
TS-186D/UP	J01826	Frequency Meter	5
TS-190/U	V95151	Test Set, Telephone	5
TS-234/UP	G79181	Dummy Load, Electrical	5
TS-268E/U	V75751	Test Set, Crystal Unit, Quartz	5
TS-312B/FSM-1	J56727	Generator, Signal	5
TS-329/U	G79455	Dummy Load, Electrical	5
TS-330/rSM	V72957	Test Set, Crystal Unit, Quartz	5
TS-340/U	Y13293	Voltmeter	5
TS-352/U	M81372	Multimeter	5
TS-383A/GG	V98302	Test Set, Teletypewriter	5
TS402/U	V93575	Test Set, Subassembly	5
TS418/U	J57070	Generator, Signal	5
TS420[U	V95288	Test Set, Telephone	5
TS421/U	J57344	Generator, Signal	5
TS430/U	Y38815	Wattmeter	5
TS-443/U	Y13430	Voltmeter	5
TS-446/U	V88301	Test Set, Radio	5
TS488A/UP	V85424	Test Set, Radar	5
TS-505/U	M81646	Multimeter	5
TS-538/TJ	V88438	Test Set, Radio	5

Type Number	LIN	Nomenclature	MTBO (Years)
TS-559/FT	V62768	Test Set, Telephone	5
TS-585/U	M81783	Multimeter	5
TS-617/U	Q02968	Q-Meter	5
TS-656/U	V74464	Test Set, Electrical Meter	5
TS-682/GSM-1	V74601	Test Set	5
TS-683f/SM	V73094	Test Set, Crystal Unit, Quartz	5
TS-699/FTM	V90904	Test Set, Relay	5
TS-716/U	V96110	Test Set, Telephone	5
TS-723A/U	A58033	Analyzer, Spectrum	5
TS-737/U	V69669	Test Set, Battery	5
TS-762/TC	V67066	Test Set, Audio	5
TS-784/PD	C74644	Calibrator Set, Radiac	5
TS-799/UGM-1	V98887	Test Set, Teletypewriter	5
TS-800/UGM-1	V98888	Test Set, Teletypewriter	5
TS-805/U	U54346	Stroboscope	5
TS-806/U	V06212	Tachometer, Electronic	5
TS-810/U	C73959	Calibrator, Frequency	5
TS-816/U	V96384	Test Set, Telephone	5
TS-836/UGM-1	V90698	Test Set, Relay	5
TS-909/PPM	V71313	Test Set, Computer	5
TS-965/U	V63115	Test Set, Armature	5
TS-1060/G	V98028	Test Set, Teletypewriter	5
TS-1588A/IC	V67203	Test Set, Audio	5
TS-1643/ASW-12	V63230	Test Set, Attitude Control	5
TS-1651/ASW-12	V70765	Test Set, Collective Pitch Command Control	5
TS-1652/ASW-12	V71998	Test Set, Coupler	5
TS-1656/ASW-12	V66381	Test Set, Attitude Control	5
TS-1659/ASW-12	V66655	Test Set, Attitude Reference Control	5
TS-1660/ASW-12	V79533	Test Set, Gyro Control	5
TS-1661/ASW-12	V72135	Test Set, Coupler	5
TS-1663/ASW-12	V91315	Test Set, Rotary Actuator	5
TS-1738/ASW-12(V)	V81314	Test Set, Interlock Control	5
TS-1830A/U	A58173	Analyzer, Spectrum	5
TS-1836B/U	V91863	Test Set, Semiconductor Device	5
TS-2326/APN-168	V63572	Test Set, Antenna	5
TS-2327/APN-168	V90390	Test Set, Receiver-Transmitter	5
TS-2330/ASN-64	V63435	Test Set, Analog Modules	5
TS-2669A/GCM	M20069	Test Set, Delay Measure	5
TS-2843/U	Y83498	Voltmeter	5
TT-4/TG	V36214	Teletypewriter	1
TT-76/GGC	V36762	Reperforator-Transmitter TT	2
TT-98/FG	V36899	Teletypewriter	2
T-1 19/FG	V37173	Teletypewriter	2
TT-178/FG	V37858	Reperforator-Transmitter TT	2
TT-179IFG	R82483	Reperforator-Transmitter TT	2
TV-6/U	V75834	Test Set, Electron Tube	5
TV-7D/U	V76108	Test Set, Electron Tube	5
TV-13A/U	V76245	Test Set, Electron Tube	5
ZM-3/U	V70217	Test Set, Capacitor (Analyzer)	5
ZM-4/U	C26031	Bridge, Resistance	5
ZM-16/U	R86100	Resistor, Decade	5
ZM-21(A)U	N17155	Ohmmeter	5

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1 Centimeter = 10 Millimeters = 0.01 Meters = 0.3937 Inches
 1 Meter = 100 Centimeters = 1000 Millimeters = 39.37 Inches
 1 Kilometer = 1000 Meters = 0.621 Miles

WEIGHTS

1 Gram = 0.001 Kilograms = 1000 Milligrams = 0.035 Ounces
 1 Kilogram = 1000 Grams = 2.2 lb.
 1 Metric Ton = 1000 Kilograms = 1 Megagram = 1.1 Short Tons

LIQUID MEASURE

1 Milliliter = 0.001 Liters = 0.0338 Fluid Ounces
 1 Liter = 1000 Milliliters = 33.82 Fluid Ounces

SQUARE MEASURE

1 Sq. Centimeter = 100 Sq. Millimeters = 0.155 Sq. Inches
 1 Sq. Meter = 10,000 Sq. Centimeters = 10.76 Sq. Feet
 1 Sq. Kilometer = 1,000,000 Sq. Meters = 0.386 Sq. Miles

CUBIC MEASURE

1 Cu. Centimeter = 1000 Cu. Millimeters = 0.06 Cu. Inches
 1 Cu. Meter = 1,000,000 Cu. Centimeters = 35.31 Cu. Feet

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APPROXIMATE CONVERSION FACTORS

TO CHANGE	TO	MULTIPLY BY
Inches	Centimeters	2.540
Feet	Meters	0.305
Yards	Meters	0.914
Miles	Kilometers	1.609
Square Inches	Square Centimeters	6.451
Square Feet	Square Meters	0.093
Square Yards	Square Meters	0.836
Square Miles	Square Kilometers	2.590
Acres	Square Hectometers	0.405
Cubic Feet	Cubic Meters	0.028
Cubic Yards	Cubic Meters	0.765
Fluid Ounces	Milliliters	29.573
its	Liters	0.473
arts	Liters	0.946
allons	Liters	3.785
Ounces	Grams	28.349
Pounds	Kilograms	0.454
Short Tons	Metric Tons	0.907
Pound-Feet	Newton-Meters	1.356
Pounds per Square Inch	Kilopascals	6.895
Miles per Gallon	Kilometers per Liter	0.425
Miles per Hour	Kilometers per Hour	1.609

TO CHANGE	TO	MULTIPLY BY
Centimeters	Inches	0.394
Meters	Feet	3.280
Meters	Yards	1.094
Kilometers	Miles	0.621
Square Centimeters	Square Inches	0.155
Square Meters	Square Feet	10.764
Square Meters	Square Yards	1.196
Square Kilometers	Square Miles	0.386
Square Hectometers	Acres	2.471
Cubic Meters	Cubic Feet	35.315
Cubic Meters	Cubic Yards	1.308
Milliliters	Fluid Ounces	0.034
Liters	Pints	2.113
Liters	Quarts	1.057
ers	Gallons	0.264
ms	Ounces	0.035
ograms	Pounds	2.205
Metric Tons	Short Tons	1.102
Newton-Meters	Pounds-Feet	0.738
Kilopascals	Pounds per Square Inch	0.145
ometers per Liter	Miles per Gallon	2.354
ometers per Hour	Miles per Hour	0.621



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