



AN/FPS-117/TPS-77/TPS-59 Capabilities List

Services include Repair, Overhaul, New Builds / Manufacture, Reverse Engineering, Site Surveys, and Maintenance contracts. This is not an “all inclusive” list and is meant as a representative sampling of our capabilities. Please contact sales@calibersales.com with any inquiries.

Part No.	Nomenclature	NSN	System	Platform	Repair	NB
7247931-G001	Circuit Card Assy		AN/FPS-117	Ground Based Radar	√	
7326696G001	Transmitter Sub Assy		AN/FPS-117	Ground Based Radar	√	
1162401-102	Telephone Switchboard	5805-01-443-5584	AN/FPS-117	Ground Based Radar	√	
325960-001	Kit, CCA	5998-01-459-5225	AN/FPS-117	Ground Based Radar	√	
400052-003	Power Supply	5998-01-38-1246	AN/FPS-117	Ground Based Radar	√	
518572-3	Power Supply	6130-01-634-8492	AN/FPS-117	Ground Based Radar	√	
622-3383-001	Power Supply	6130-01-124-1589	AN/FPS-117	Ground Based Radar	√	
7280430G001	Power Supply		AN/FPS-117	Ground Based Radar	√	
7280430G002	Power Supply	6130-01-446-0637	AN/FPS-117	Ground Based Radar	√	√
7280430G2	Power Supply	6130-01-446-0637	AN/FPS-117	Ground Based Radar	√	√
7326440G001	Radar Row Receiver	5840-01-154-0006	AN/FPS-117	Ground Based Radar	√	√
7326440G002	Receiver, Radar Row		AN/FPS-117	Ground Based Radar	√	
7326676G003	Diode Assy +/- 15V	5998-01-153-8738	AN/FPS-117	Ground Based Radar	√	√
7326695G001	Transmitter Sub Assy		AN/FPS-117	Ground Based Radar	√	
7326697G001	Circuit Card Assy		AN/FPS-117	Ground Based Radar	√	
7327095G001	Divider Power, Radio		AN/FPS-117	Ground Based Radar	√	
73271714G004	Antenna Sub Assembly	5840-01-176-5353	AN/FPS-117	Ground Based Radar	√	
73271714G005	Antenna Sub Assembly	5840-01-176-5354	AN/FPS-117	Ground Based Radar	√	
7327174G001	Data Register	5985-01-176-5354	AN/FPS-117	Ground Based Radar	√	√
7327174G005	Antenna Sub Assy	5840-01-176-5354	AN/FPS-117	Ground Based Radar	√	
7327175G001	Receiver, Aux	5840-01-154-0007	AN/FPS-117	Ground Based Radar	√	√
77A100737G001	Waveform Converter	5840-01-153-1978	AN/FPS-117	Ground Based Radar	√	

5373 N. Hiatus Rd, Sunrise FL 33351 USA | Tel:(954)-430-6234 | Fax:(954)-430-6237

E-Mail: sales@calibersales.com | WEB: www.calibersales.com

Cage Code: OJB79 | U.S. State Dept Lic PM/MC 5868 | ISO 9001:2015 | TRAC No. TC4182-7485 | 6/21



AN/FPS-117/TPS-77/TPS-59 Capabilities List

Part No.	Nomenclature	NSN	System	Platform	Repair	NB
77A108741P001	Capacitor, Fixed	5910-01-428-6687	AN/FPS-117	Ground Based Radar		√
77A108890P003	Transmit/Receive Switch Amplifier	5985-01-435-3070	AN/FPS-117	Ground Based Radar	√	√
77C716282P2	RF Predriver		AN/FPS-117	Ground Based Radar	√	
77C718003P2	RF Transmission Switch Assembly	5985-01-154-6359	AN/FPS-117	Ground Based Radar	√	√
77C718018P1	Microwave Power Limiter	5895-01-155-1550	AN/FPS-117	Ground Based Radar	√	√
77D609481P1	Slip Ring Assy	5977-01-158-6151	AN/FPS-117	Ground Based Radar	√	√
77D609566G101	Circuit Card Assembly	5998-01-160-5565	AN/FPS-117	Ground Based Radar	√	√
77D609702G25	Receiver, Radar	5840-01-210-3416	AN/FPS-117	Ground Based Radar	√	√
77D613080G001	Amplifier, Radio Frequency	5996-01-176-5298	AN/FPS-117	Ground Based Radar	√	√
77D613916G001	Amplifier, Radio Frequency	5996-01-264-8374	AN/FPS-117	Ground Based Radar	√	√
77D613917G001	Amplifier Assembly	5998-01-279-5935	AN/FPS-117	Ground Based Radar	√	√
77E300277G002	Row Receiver		AN/FPS-117	Ground Based Radar	√	
AY-D17S	RF Transmission Switch Assembly	5985-01-154-6359	AN/FPS-117	Ground Based Radar	√	√
DS-2071-2	RF Transmission Switch Assembly	5985-01-154-6359	AN/FPS-117	Ground Based Radar	√	√
100563	Power Supply	6130-01-389-4007	AN/FPS-117	Ground Support Radar	√	
7326396	Row Power Supply	6130-01-209-1573	AN/FPS-117	Ground Support Radar	√	√
7326440	Radar Row Receiver	5840-01-154-0006	AN/FPS-117	Ground Support Radar	√	√
101-107380-101	Amplifier Radio	5895-01-332-3497	AN/FPS-117	Ground Support Radar	√	
5930718G1	Microwave Power Limiter	5895-01-155-1550	AN/FPS-117	Ground Support Radar	√	√
725016A0954-G01	Oscillator RF (30 Mhz)	5999-01-143-0771	AN/FPS-117	Ground Support Radar	√	√
725016A1017-G02	Frequency Multiplier 4X	5998-01-279-6409	AN/FPS-117	Ground Support Radar	√	√
7280406G001	Radar Set Sub Assy	5849001-3590-719	AN/FPS-117	Ground Support Radar	√	
7280430G01	Power Supply	6130-01-391-6744	AN/FPS-117	Ground Support Radar	√	
7325482G001	Electronic Switch Assy	6625-01-079-9948	AN/FPS-117	Ground Support Radar	√	√
7326387G001	Converter Decoder Group		AN/FPS-117	Ground Support Radar	√	√
7326396G001	Power Supply	6130-01-209-1573	AN/FPS-117	Ground Support Radar	√	√

5373 N. Hiatus Rd, Sunrise FL 33351 USA | Tel:(954)-430-6234 | Fax:(954)-430-6237

E-Mail: sales@calibersales.com | WEB: www.calibersales.com

Cage Code: OJB79 | U.S. State Dept Lic PM/MC 5868 | ISO 9001:2015 | TRAC No. TC4182-7485 | 6/21



AN/FPS-117/TPS-77/TPS-59 Capabilities List

Part No.	Nomenclature	NSN	System	Platform	Repair	NB
7326396G002	Power Supply	6130-01-209-1573	AN/FPS-117	Ground Support Radar	√	√
7326396G2	Row Power Supply	6130-01-209-1573	AN/FPS-117	Ground Support Radar	√	√
732640G002	Platform & Pedestal		AN/FPS-117	Ground Support Radar	√	√
7326440G01	Radar Row Receiver	5840-01-154-0006	AN/FPS-117	Ground Support Radar	√	√
7326441G001	Receiver	5840-01-175-4114	AN/FPS-117	Ground Support Radar	√	√
7326442G001	Receiver	5840-01-175-4115	AN/FPS-117	Ground Support Radar	√	√
7326471G001	Power Supply		AN/FPS-117	Ground Support Radar	√	√
7326494G001	Waveform Generator	6625-01-279-5934	AN/FPS-117	Ground Support Radar	√	
7326509G1	UHF Amplifier	5840-01--149-9421	AN/FPS-117	Ground Support Radar		√
7326676G001	Diode Assy +/- 15V	5998-01-153-8737	AN/FPS-117	Ground Support Radar	√	√
7326704G01	Transmitter Control Group	5840-01-153-1977	AN/FPS-117	Ground Support Radar	√	
7327032G001	Transmitter Control Assy	5998-01-372-0216	AN/FPS-117	Ground Support Radar	√	√
7327050G001	Detector, RF	5840-01-153-8702	AN/FPS-117	Ground Support Radar	√	
7327078G001	Transmitter, Radar	5840-01-153-2251	AN/FPS-117	Ground Support Radar	√	√
7327084G001	Transmitter, Radar	5840-01-153-2252	AN/FPS-117	Ground Support Radar	√	√
7327169G002	Power Supply Data Register - CCA	5998-01-176-5389	AN/FPS-117	Ground Support Radar	√	√
7327180G001	Power & Distribution		AN/FPS-117	Ground Support Radar	√	√
732718G001	Power and Distribution		AN/FPS-117	Ground Support Radar	√	√
7328971G001	Multiplexer Range Logic CCA	5895-01-265-4081	AN/FPS-117	Ground Support Radar	√	
7328973G001	Input Multiplier CCA	5998-01-283-7016	AN/FPS-117	Ground Support Radar	√	
7344928G001	Beam Control Low Angle	5998-01-196-2938	AN/FPS-117	Ground Support Radar	√	√
7344930G001	Beam Control Monopulse	5998-01-196-2939	AN/FPS-117	Ground Support Radar	√	√
7344944G001	Electronic Component Assy	5998-01-1765-358	AN/FPS-117	Ground Support Radar	√	√
77C716283	RF Power Amplifier	5962-01-154-6923	AN/FPS-117	Ground Support Radar	√	√
77C716283P5	RF Power Amplifier	5996-01-441-1594	AN/FPS-117	Ground Support Radar	√	√
77C716351P002	RF Driver Amplifier	5962-01-156-6661	AN/FPS-117	Ground Support Radar	√	√

5373 N. Hiatus Rd, Sunrise FL 33351 USA | Tel:(954)-430-6234 | Fax:(954)-430-6237

E-Mail: sales@calibersales.com | WEB: www.calibersales.com

Cage Code: OJB79 | U.S. State Dept Lic PM/MC 5868 | ISO 9001:2015 | TRAC No. TC4182-7485 | 6/21



AN/FPS-117/TPS-77/TPS-59 Capabilities List

Part No.	Nomenclature	NSN	System	Platform	Repair	NB
77C716351P2	RF Driver Amplifier	5895-01-155-2467	AN/FPS-117	Ground Support Radar	√	√
77C71635P004	RF Driver Amplifier	5895-01-347-0099	AN/FPS-117	Ground Support Radar	√	√
77C718018P001	Microwave Power Limiter	5895-01-155-1550	AN/FPS-117	Ground Support Radar	√	√
77C718018P1	Microwave Power Limiter	5895-01-155-1550	AN/FPS-117	Ground Support Radar	√	√
77D608046G001	Primary Voltage Sensor	5998-01-142-8981	AN/FPS-117	Ground Support Radar	√	√
77D608046G01	Primary Voltage Sensor	5998-01-142-8981	AN/FPS-117	Ground Support Radar	√	√
77D608046G1	Primary Voltage Sensor	5998-01-142-8981	AN/FPS-117	Ground Support Radar	√	√
77D609506G001	Voltage Regulator	6110-01-146-3768	AN/FPS-117	Ground Support Radar	√	
77D609539G001	Voltage Regulator + 6 V	6130-01-158-6136	AN/FPS-117	Ground Support Radar	√	√
77D609541G001	Voltage Regulator + 15 V	6130-01-158-6139	AN/FPS-117	Ground Support Radar	√	√
77D609543G001	Voltage Regulator + 24 V	6130-01-157-9307	AN/FPS-117	Ground Support Radar	√	√
77D6096543G01	Voltage Regulator + 24 V	6130-01-157-9307	AN/FPS-117	Ground Support Radar	√	√
77D609702	Receiver Amplifier Assembly	5840-01-208-1097	AN/FPS-117	Ground Support Radar	√	√
77D609702G005	Receiver Amplifier Assembly	5840-01-208-1097	AN/FPS-117	Ground Support Radar	√	√
77D609744G002	Distribution Local osc	5998-01-209-1594	AN/FPS-117	Ground Support Radar	√	√
77D609750G001	Amplifier, Local Oscillator	5996-01-144-9523	AN/FPS-117	Ground Support Radar	√	√
77D609750G1	Amplifier, Lo	5996-01-144-9523	AN/FPS-117	Ground Support Radar	√	√
77D609751G002	Frequency Multiplier 8X	5895-01-282-6790	AN/FPS-117	Ground Support Radar	√	√
77D609752G001	Osc Assy		AN/FPS-117	Ground Support Radar	√	√
77D609754G001	Logic Bucket	5998-01-238-3665	AN/FPS-117	Ground Support Radar	√	√
77D609758G001	Transformer and Rectifier Assy	5998-01-160-5540	AN/FPS-117	Ground Support Radar	√	√
77D609759G001	Central Transformer & Rectifier Assy	5998-01-160-5541	AN/FPS-117	Ground Support Radar	√	√
77D609806G001	Frequency Multiplier 2X - CCA	5998-01-142-8129	AN/FPS-117	Ground Support Radar	√	√
77D609821G001	Heater Blower Assy	4520-01-160-6284	AN/FPS-117	Ground Support Radar	√	√
77D609821G002	Heater Blower Assy	4520-01-160-6235	AN/FPS-117	Ground Support Radar	√	√
77D613065G001	Mixer Stage Frequency	5895-01-176-5297	AN/FPS-117	Ground Support Radar	√	√

5373 N. Hiatus Rd, Sunrise FL 33351 USA | Tel:(954)-430-6234 | Fax:(954)-430-6237

E-Mail: sales@calibersales.com | WEB: www.calibersales.com

Cage Code: OJB79 | U.S. State Dept Lic PM/MC 5868 | ISO 9001:2015 | TRAC No. TC4182-7485 | 6/21



AN/FPS-117/TPS-77/TPS-59 Capabilities List

Part No.	Nomenclature	NSN	System	Platform	Repair	NB
77D615407G001	Phase and Power Control	6110-01-436-3564	AN/FPS-117	Ground Support Radar	√	√
77D615409	Temperature Switch Assy	5930-01-435-1207	AN/FPS-117	Ground Support Radar	√	√
77E300277G1	Receiver	5840-01-360-0379	AN/FPS-117	Ground Support Radar	√	√
77E300323G001	Receiver Aux	5840-01-360-0380	AN/FPS-117	Ground Support Radar	√	√
DL-30B	Microwave Power Limiter	5895-01-155-1550	AN/FPS-117	Ground Support Radar	√	√
L-B23S	Microwave Power Limiter	5895-01-155-1550	AN/FPS-117	Ground Support Radar	√	√
302899	Transmit/Receive Switch Amplifier	5985-01-435-3070	AN/FPS-117	Long Range Radar		√
7283288	Bus Rescaler CCA	5998-01-435-2258	AN/FPS-117	Long Range Radar		√
7326443	Low Noise Amplifier	5998-01-175-4111	AN/FPS-117	Long Range Radar		√
7283288G1	Bus Rescaler CCA	5998-01-435-2258	AN/FPS-117	Long Range Radar		√
7326443G001	Low Noise Amplifier	5998-01-175-4111	AN/FPS-117	Long Range Radar		√
7326443G1	Low Noise Amplifier	5998-01-175-4111	AN/FPS-117	Long Range Radar		√
77A108890P003	Transmit/Receive Switch Amplifier	5895-01-435-3070	AN/FPS-117	Long Range Radar		√
CSA09047	Transmit/Receive Switch Amplifier	5895-01-435-3070	AN/FPS-117	Long Range Radar		√
7326440	Radar Row Receiver	5840-01-154-0006	AN/FPS-117	Seek Igloo North Warning Sys.	√	
7326440G1	Radar Row Receiver	5840-01-154-0006	AN/FPS-117	Seek Igloo North Warning Sys.	√	
77D609702G05	Receiver Amplifier Assembly	5840-01-208-1097	AN/FPS-117	Seek Igloo North Warning Sys.	√	√
77D609823	Relay Module B	5945-01-160-5586	AN/FPS-117	Seek Igloo North Warning Sys.	√	
77D609823G001	Relay Module B	5945-01-160-5586	AN/FPS-117	Seek Igloo North Warning Sys.	√	
77D609823G1	Relay Module B	5945-01-160-5586	AN/FPS-117	Seek Igloo North Warning Sys.	√	
R-2195/FPS-117	Radar Row Receiver	5840-01-154-0006	AN/FPS-117	Seek Igloo North Warning Sys.	√	
77C716283P005	Amplifier, Row Transmitter	5996-01-441-1594	AN/FPS-117	TARS/Ground Based Radar	√	√
77D616048P001	Coupler Radar	5840-01-523-6078	AN/FPS-117		√	√
CPS48006/B2	Phase Shifter, Elec.	5915-01-235-9338	AN/FPS-117		√	
1215041001	PWB Waveform Generator Assembly		AN/FPS-117	Ground Based Radar	√	√
1215041004	Attenuator, Variable		AN/FPS-117	Ground Based Radar	√	√

5373 N. Hiatus Rd, Sunrise FL 33351 USA | Tel:(954)-430-6234 | Fax:(954)-430-6237

E-Mail: sales@calibersales.com | WEB: www.calibersales.com

Cage Code: OJB79 | U.S. State Dept Lic PM/MC 5868 | ISO 9001:2015 | TRAC No. TC4182-7485 | 6/21



AN/FPS-117/TPS-77/TPS-59 Capabilities List

Part No.	Nomenclature	NSN	System	Platform	Repair	NB
1217020101	Amplifier T/R Switch		AN/FPS-117	Ground Based Radar	√	√
1217080001	Load Lamp Assembly		AN/FPS-117	Ground Based Radar	√	√
1272020005	Memory Adapter PCP		AN/FPS-117	Ground Based Radar	√	√
2510020305	64K X 16 Daughter Board		AN/FPS-117	Ground Based Radar	√	√
2510020601	AD Converter		AN/FPS-117	Ground Based Radar	√	√
2510021001	Connector Panel/Controller/Processor		AN/FPS-117	Ground Based Radar	√	√
2510060101	A/B Power Distribution		AN/FPS-117	Ground Based Radar	√	√
2510060111	Controller Processor Isolation Board		AN/FPS-117	Ground Based Radar	√	√
3013000007	Fan Panel Assembly GPS NRS Interface)		AN/FPS-117	Ground Based Radar	√	√
3013000101	Daughter Board		AN/FPS-117	Ground Based Radar	√	√
3013000201	Disk Power Regulator PWB		AN/FPS-117	Ground Based Radar	√	√
3201060401	Heading Reference Switch Box PCB		AN/FPS-117	Ground Based Radar	√	√
3201060410	Heading Reference Switch Box PCB		AN/FPS-117	Ground Based Radar	√	√
3201140201	Card Chassis Assembly		AN/FPS-117	Ground Based Radar	√	√
3201170111	Transmitter Power Supply Assembly		AN/FPS-117	Ground Based Radar	√	√
3201180101	Transceiver Power Supply		AN/FPS-117	Ground Based Radar	√	√
3201190101	Transmitter Interface Assembly		AN/FPS-117	Ground Based Radar	√	√
3201190111	Status Indicator Assembly		AN/FPS-117	Ground Based Radar	√	√
3201190301	C/M Test/Operate Switch Assembly		AN/FPS-117	Ground Based Radar	√	√
3201190311	C/M Test/Operate Board		AN/FPS-117	Ground Based Radar	√	√
3201220110	U84 Daughter Board		AN/FPS-117	Ground Based Radar	√	√
3210000111	Eight Way Divider/Switch		AN/FPS-117	Ground Based Radar	√	√
3201140101-503	Frequency Generator Assembly		AN/FPS-117	Ground Based Radar	√	√
3201150103-503	Enclosure Assembly, Exciter Chassis		AN/FPS-117	Ground Based Radar	√	√
3201190201-502	Transmitter Fault Control PWB		AN/FPS-117	Ground Based Radar	√	√
3201220107-503	Fan Tray Assembly		AN/FPS-117	Ground Based Radar	√	√

5373 N. Hiatus Rd, Sunrise FL 33351 USA | Tel:(954)-430-6234 | Fax:(954)-430-6237

E-Mail: sales@calibersales.com | WEB: www.calibersales.com

Cage Code: 0JB79 | U.S. State Dept Lic PM/MC 5868 | ISO 9001:2015 | TRAC No. TC4182-7485 | 6/21



AN/FPS-117/TPS-77/TPS-59 Capabilities List

Part No.	Nomenclature	NSN	System	Platform	Repair	NB
3210001111	Eight Way Combiner		AN/FPS-117	Ground Based Radar / TARS	√	
3201150101-503	Exciter ABRS-AS Assembly		AN/FPS-117	Ground Based Radar / TARS	√	√
1215040001	Waveform Generator Assembly		AN/FPS-117	Ground Based Radar/TARS	√	√
7327388G004	Row Transmitter		AN/FPS-117	Ground Based Radar/TARS	√	√
1210000004	Fan Assembly		AN/FPS-117	Ground Based Radar	√	√
1210000201	Fan Thermostat PWB		AN/FPS-117	Ground Based Radar	√	√
1212010601	Servo Amplifier Board		AN/FPS-117	Ground Based Radar	√	√
1213020101	Frequency Multiplier		AN/FPS-117	Ground Based Radar	√	√
1213050101	Amplifier UHF		AN/FPS-117	Ground Based Radar	√	√
1213060201	Tail Biter Amplifer Assembly		AN/FPS-117	Ground Based Radar	√	√
1214010008	Front Cover Assembly		AN/FPS-117	Ground Based Radar	√	√
1214010012	Resistor Mount Assembly		AN/FPS-117	Ground Based Radar	√	√
1214010013	Connector Panel		AN/FPS-117	Ground Based Radar	√	√
1214010014	100 MHZ Oscillator Rear Connector Panel Assembly		AN/FPS-117	Ground Based Radar	√	√
1214010015	60 MHZ Oscillator Rear Connector Panel Assembly		AN/FPS-117	Ground Based Radar	√	√
1214010016	Connector PanelL, Divider Mixer Filter		AN/FPS-117	Ground Based Radar	√	√
1214010017	Connector Panel, Mixer/Multiplier/Filter		AN/FPS-117	Ground Based Radar	√	√
1214010018	Connector Plate Assembly		AN/FPS-117	Ground Based Radar	√	√
1214020101	Electronic Switch Address Decoder Board		AN/FPS-117	Ground Based Radar	√	√
1214030001	Frequency Multiplier, X2		AN/FPS-117	Ground Based Radar	√	√
1214040001	Oscillator, 100 MHZ		AN/FPS-117	Ground Based Radar	√	√
1214050001	Oscillator, 60 MHZ		AN/FPS-117	Ground Based Radar	√	√
1214060001	Divider/Mixer/Filter Assembly		AN/FPS-117	Ground Based Radar	√	√
1214070001	Mixer/Multiplier		AN/FPS-117	Ground Based Radar	√	√
1215020010	Connector Assembly/Cable Assembly		AN/FPS-117	Ground Based Radar	√	√
1215023001	Gain Adjust Circuit		AN/FPS-117	Ground Based Radar	√	√

5373 N. Hiatus Rd, Sunrise FL 33351 USA | Tel:(954)-430-6234 | Fax:(954)-430-6237

E-Mail: sales@calibersales.com | WEB: www.calibersales.com

Cage Code: 0JB79 | U.S. State Dept Lic PM/MC 5868 | ISO 9001:2015 | TRAC No. TC4182-7485 | 6/21



AN/FPS-117/TPS-77/TPS-59 Capabilities List

Part No.	Nomenclature	NSN	System	Platform	Repair	NB
1215030001	Limiter Detector Filter		AN/FPS-117	Ground Based Radar	√	√
1215030101	Limiter/Detector/Filter Board Assembly		AN/FPS-117	Ground Based Radar	√	√
1215030201	I/Q Video Amp Board		AN/FPS-117	Ground Based Radar	√	√
1213020001-502	Multiplier, X8		AN/FPS-117	Ground Based Radar	√	√
1213030001-502	Lo Amplifier Assembly		AN/FPS-117	Ground Based Radar	√	√
1213040001-502	Mixer Assembly		AN/FPS-117	Ground Based Radar	√	√
1213060101-503	Exciter Output Amplifier		AN/FPS-117	Ground Based Radar	√	√
1215020001-502	Receiver Amplifier Assembly		AN/FPS-117	Ground Based Radar	√	√
1217020001-503	Auxillary Receiver Assembly		AN/FPS-117	Ground Based Radar	√	√
1214020001-502	Electronic Switch, 2-Position		AN/FPS-117	Ground Based Radar / TARS	√	√
2509040501-502	Azimuth drive Electronics		AN/FPS-117	Ground Based Radar/TARS	√	√
2510040101-503	Airborne Radar Telemetry		AN/FPS-117	Ground Based Radar/TARS	√	√
77E301065G003	Power Module Amplifier	5895-01-586-7251	AN/FPS-117	LONG RANGE RADAR	√	√
77E301065G3	Power Module Amplifier	5895-01-586-7251	AN/FPS-117,	Long Range Radar	√	√
1210000004	Fan Assembly		AN/TPS-77	Ground Based Radar	√	√
1210000201	Fan Thermostat PWB		AN/TPS-77	Ground Based Radar	√	√
1212010601	Servo Amplifier Board		AN/TPS-77	Ground Based Radar	√	√
1213020101	Frequency Multiplier		AN/TPS-77	Ground Based Radar	√	√
1213050101	Amplifier UHF		AN/TPS-77	Ground Based Radar	√	√
1213060201	Tail Biter Amplifer Assembly		AN/TPS-77	Ground Based Radar	√	√
1214010008	Front Cover Assembly		AN/TPS-77	Ground Based Radar	√	√
1214010012	Resistor Mount Assembly		AN/TPS-77	Ground Based Radar	√	√
1214010013	Connector Panel		AN/TPS-77	Ground Based Radar	√	√
1214010014	100 MHZ Oscillator Rear Connector Panel Assembly		AN/TPS-77	Ground Based Radar	√	√
1214010015	60 MHZ Oscillator Rear Connector Panel Assembly		AN/TPS-77	Ground Based Radar	√	√
1214010016	Connector PanelL, Divider Mixer Filter		AN/TPS-77	Ground Based Radar	√	√

5373 N. Hiatus Rd, Sunrise FL 33351 USA | Tel:(954)-430-6234 | Fax:(954)-430-6237

E-Mail: sales@calibersales.com | WEB: www.calibersales.com

Cage Code: OJB79 | U.S. State Dept Lic PM/MC 5868 | ISO 9001:2015 | TRAC No. TC4182-7485 | 6/21



AN/FPS-117/TPS-77/TPS-59 Capabilities List

Part No.	Nomenclature	NSN	System	Platform	Repair	NB
1214010017	Connector Panel, Mixer/Multiplier/Filter		AN/TPS-77	Ground Based Radar	√	√
1214010018	Connector Plate Assembly		AN/TPS-77	Ground Based Radar	√	√
1214020101	Electronic Switch Address Decoder Board		AN/TPS-77	Ground Based Radar	√	√
1214030001	Frequency Multiplier, X2		AN/TPS-77	Ground Based Radar	√	√
1214040001	Oscillator, 100 MHZ		AN/TPS-77	Ground Based Radar	√	√
1214050001	Oscillator, 60 MHZ		AN/TPS-77	Ground Based Radar	√	√
1214060001	Divider/Mixer/Filter Assembly		AN/TPS-77	Ground Based Radar	√	√
1214070001	Mixer/Multiplier		AN/TPS-77	Ground Based Radar	√	√
1215020010	Connector Assembly/Cable Assembly		AN/TPS-77	Ground Based Radar	√	√
1215023001	Gain Adjust Circuit		AN/TPS-77	Ground Based Radar	√	√
1215030001	Limiter Detector Filter		AN/TPS-77	Ground Based Radar	√	√
1215030101	Limiter/Detector/Filter Board Assembly		AN/TPS-77	Ground Based Radar	√	√
1215030201	I/Q Video Amp Board		AN/TPS-77	Ground Based Radar	√	√
1215041001	PWB Waveform Generator Assembly		AN/TPS-77	Ground Based Radar	√	√
1215041004	Attenuator, Variable		AN/TPS-77	Ground Based Radar	√	√
1217020101	Amplifier T/R Switch		AN/TPS-77	Ground Based Radar	√	√
1217080001	Load Lamp Assembly		AN/TPS-77	Ground Based Radar	√	√
1272020005	Memory Adapter PCP		AN/TPS-77	Ground Based Radar	√	√
2510020305	64K X 16 Daughter Board		AN/TPS-77	Ground Based Radar	√	√
2510020601	AD Converter		AN/TPS-77	Ground Based Radar	√	√
2510021001	Connector Panel/Controller/Processor		AN/TPS-77	Ground Based Radar	√	√
2510060101	A/B Power Distribution		AN/TPS-77	Ground Based Radar	√	√
2510060111	Controller Processor Isolation Board		AN/TPS-77	Ground Based Radar	√	√
3013000007	Fan Panel Assembly GPS NRS Interface)		AN/TPS-77	Ground Based Radar	√	√
3013000101	Daughter Board		AN/TPS-77	Ground Based Radar	√	√
3013000201	Disk Power Regulator PWB		AN/TPS-77	Ground Based Radar	√	√

5373 N. Hiatus Rd, Sunrise FL 33351 USA | Tel:(954)-430-6234 | Fax:(954)-430-6237

E-Mail: sales@calibersales.com | WEB: www.calibersales.com

Cage Code: OJB79 | U.S. State Dept Lic PM/MC 5868 | ISO 9001:2015 | TRAC No. TC4182-7485 | 6/21



AN/FPS-117/TPS-77/TPS-59 Capabilities List

Part No.	Nomenclature	NSN	System	Platform	Repair	NB
3201060401	Heading Reference Switch Box PCB		AN/TPS-77	Ground Based Radar	√	√
3201060410	Heading Reference Switch Box PCB		AN/TPS-77	Ground Based Radar	√	√
3201140201	Card Chassis Assembly		AN/TPS-77	Ground Based Radar	√	√
3201170111	Transmitter Power Supply Assembly		AN/TPS-77	Ground Based Radar	√	√
3201180101	Transceiver Power Supply		AN/TPS-77	Ground Based Radar	√	√
3201190101	Transmitter Interface Assembly		AN/TPS-77	Ground Based Radar	√	√
3201190111	Status Indicator Assembly		AN/TPS-77	Ground Based Radar	√	√
3201190301	C/M Test/Operate Switch Assembly		AN/TPS-77	Ground Based Radar	√	√
3201190311	C/M Test/Operate Board		AN/TPS-77	Ground Based Radar	√	√
3201220110	U84 Daughter Board		AN/TPS-77	Ground Based Radar	√	√
3210000111	Eight Way Divider/Switch		AN/TPS-77	Ground Based Radar	√	√
1213020001-502	Multiplier, X8		AN/TPS-77	Ground Based Radar	√	√
1213030001-502	Lo Amplifier Assembly		AN/TPS-77	Ground Based Radar	√	√
1213040001-502	Mixer Assembly		AN/TPS-77	Ground Based Radar	√	√
1213060101-503	Exciter Output Amplifier		AN/TPS-77	Ground Based Radar	√	√
1215020001-502	Receiver Amplifier Assembly		AN/TPS-77	Ground Based Radar	√	√
1217020001-503	Auxillary Receiver Assembly		AN/TPS-77	Ground Based Radar	√	√
3201140101-503	Frequency Generator Assembly		AN/TPS-77	Ground Based Radar	√	√
3201150103-503	Enclosure Assembly, Exciter Chassis		AN/TPS-77	Ground Based Radar	√	√
3201190201-502	Transmitter Fault Control PWB		AN/TPS-77	Ground Based Radar	√	√
3201220107-503	Fan Tray Assembly		AN/TPS-77	Ground Based Radar	√	√
7327080G001	Transmitter Sub Assembly	5895-01-175-9612	AN/TPS-77	Ground Based Radar	√	√
7344928G001	Low Agnle Beam Control	5998-01-196-2938	AN/TPS-77	Ground Based Radar	√	√
7344930G001	Monopulse Beam Control	5998-01-196-2939	AN/TPS-77	Ground Based Radar	√	√
77A104128P001	Slip Ring Assy	2040-01-283-1492	AN/TPS-77	Ground Based Radar	√	√
77A106905P012	Motor Drive		AN/TPS-77	Ground Based Radar	√	

5373 N. Hiatus Rd, Sunrise FL 33351 USA | Tel:(954)-430-6234 | Fax:(954)-430-6237

E-Mail: sales@calibersales.com | WEB: www.calibersales.com

Cage Code: OJB79 | U.S. State Dept Lic PM/MC 5868 | ISO 9001:2015 | TRAC No. TC4182-7485 | 6/21



AN/FPS-117/TPS-77/TPS-59 Capabilities List

Part No.	Nomenclature	NSN	System	Platform	Repair	NB
77A561641P004	Filter, RF	5915-01-523-3832	AN/TPS-77	Ground Based Radar		√
77A561641P004	Filter, RF		AN/TPS-77	Ground Based Radar		√
77C718003P2	RF Transmission Switch Assembly	5985-01-154-6359	AN/TPS-77	Ground Based Radar	√	√
77D616534G001	AmplifierSub Assembly	5996-01-509-4874	AN/TPS-77	Ground Based Radar	√	√
AY-D17S	RF Transmission Switch Assembly	5985-01-154-6359	AN/TPS-77	Ground Based Radar	√	√
DS-2071-2	RF Transmission Switch Assembly	5985-01-154-6359	AN/TPS-77	Ground Based Radar	√	√
W71-4-100	Slip Ring Assy	2040-01-283-1492	AN/TPS-77	Ground Based Radar	√	√
3210001111	Eight Way Combiner		AN/TPS-77	Ground Based Radar / TARS	√	
1214020001-502	Electronic Switch, 2-Position		AN/TPS-77	Ground Based Radar / TARS	√	√
3201150101-503	Exciter ABRS-AS Assembly		AN/TPS-77	Ground Based Radar / TARS	√	√
1215040001	Waveform Generator Assembly		AN/TPS-77	Ground Based Radar/TARS	√	√
2509040501-502	Azimuth drive Electronics		AN/TPS-77	Ground Based Radar/TARS	√	√
2510040101-503	Airborne Radar Telemetry		AN/TPS-77	Ground Based Radar/TARS	√	√
77C716351P002	RF Driver Amplifier	5962-01-156-6661	AN/TPS-77	Ground Support Radar	√	√
77A104128P001	Slip Ring Assy.	2040-01-283-1492	AN/TPS-77		√	
77A108890P003	Transmit/Receive Switch Amplifier	5985-01-435-3070	AN/TPS-77	Ground Based Radar	√	√
3D56965G02	ASP Fault Monitor CCA	5998-01-446-2430	AN/TPS-77	Ground Based Radar	√	√
110-001725-P001	Power Supply	6130-01-437-6668	AN/TPS-59	Ground Based Radar	√	√
115-000502-P001	Power Supply	6130-01-437-6509	AN/TPS-59	Ground Based Radar	√	√
115-000503-P001	Power Supply	6130-01-437-6510	AN/TPS-59	Ground Based Radar	√	√
130-000501-P001	Power Supply	6130-01-437-6411	AN/TPS-59	Ground Based Radar	√	√
130-001423-P001	Power Fail Assy.	5998-01-438-1704	AN/TPS-59	Ground Based Radar	√	√
138C426A01	Mixer and Driver Module	5840-01-025-5877	AN/TPS-59	Ground Based Radar	√	
138C436A01	Receiver Protector	5840-01-151-3045	AN/TPS-59	Ground Based Radar	√	√
138C657H01	Circulator, L-Band	5840-01-023-3235	AN/TPS-59	Ground Based Radar	√	√
364698-011	Elect. Module w/o Cards		AN/TPS-59	Ground Based Radar	√	

5373 N. Hiatus Rd, Sunrise FL 33351 USA | Tel:(954)-430-6234 | Fax:(954)-430-6237

E-Mail: sales@calibersales.com | WEB: www.calibersales.com

Cage Code: OJB79 | U.S. State Dept Lic PM/MC 5868 | ISO 9001:2015 | TRAC No. TC4182-7485 | 6/21



AN/FPS-117/TPS-77/TPS-59 Capabilities List

Part No.	Nomenclature	NSN	System	Platform	Repair	NB
5209130-001	Power Sub-Assy	6130-01-280-9472	AN/TPS-59	Ground Based Radar	√	√
7282374G1	Power Supply	6130-01-434-7463	AN/TPS-59	Ground Based Radar	√	√
7283300G1	Radar Set Sub-Assy	5998-01-444-3135	AN/TPS-59	Ground Based Radar	√	√
7325479G1	Limiter Electrical	5895-01-078-8451	AN/TPS-59	Ground Based Radar	√	√
7327032G1	Transmitter Control Assy	5840-01-144-3382	AN/TPS-59	Ground Based Radar	√	√
7327373G1	Power Supply	6130-01-146-8105	AN/TPS-59	Ground Based Radar	√	√
7327397G1	Receiver Coordinate	5840-01-147-9458	AN/TPS-59	Ground Based Radar	√	√
7327490G01	Receiver Aux	5840-01-143-6819	AN/TPS-59	Ground Based Radar	√	√
7327855G1	Power Supply	6130-01-248-3523	AN/TPS-59	Ground Based Radar	√	√
7329435G1	Row Field Assy	5998-01-363-9492	AN/TPS-59	Ground Based Radar	√	√
77A109666P1	Power Supply	6130-01-437-6682	AN/TPS-59	Ground Based Radar	√	√
77A562521G2	Transmitter Radar	5840-01-509-4897	AN/TPS-59	Ground Based Radar	√	√
77A562550G2	Receiving Set, Radar	5840-01-527-4913	AN/TPS-59	Ground Based Radar	√	√
77C&21740G1	Limiter Assembly	5840-01-146-3650	AN/TPS-59	Ground Based Radar	√	√
77C718003P2	RF Transmission Switch Assembly	5985-01-154-6359	AN/TPS-59	Ground Based Radar	√	√
77D608046G1	Circuit Card Assembly	5998-01-142-8981	AN/TPS-59	Ground Based Radar	√	
77D608100G001	Circuit Card Assembly	5998-01-143-0013	AN/TPS-59	Ground Based Radar	√	
77D608100G1	Circuit Card Assembly	5998-01-143-0013	AN/TPS-59	Ground Based Radar	√	
77D608100-G1	Circuit Card Assembly	5998-01-143-0013	AN/TPS-59	Ground Based Radar	√	
77D609702G3	Receiver Amplifier	5840-01-164-2385	AN/TPS-59	Ground Based Radar	√	√
77D609702G4	Receiver Amplifier	5840-01-151-6136	AN/TPS-59	Ground Based Radar	√	√
77D609729G001	D-A Converter	7050-01-143-9804	AN/TPS-59	Ground Based Radar	√	
77D614491G1	Frequency Multiplier	5895-01-406-5272	AN/TPS-59	Ground Based Radar	√	√
77D615694P1	Power Supply	6130-01-438-1596	AN/TPS-59	Ground Based Radar	√	√
AY-D17S	RF Transmission Switch Assembly	5985-01-154-6359	AN/TPS-59	Ground Based Radar	√	√
DS-2071-2	RF Transmission Switch Assembly	5985-01-154-6359	AN/TPS-59	Ground Based Radar	√	√

5373 N. Hiatus Rd, Sunrise FL 33351 USA | Tel:(954)-430-6234 | Fax:(954)-430-6237

E-Mail: sales@calibersales.com | WEB: www.calibersales.com

Cage Code: OJB79 | U.S. State Dept Lic PM/MC 5868 | ISO 9001:2015 | TRAC No. TC4182-7485 | 6/21



AN/FPS-117/TPS-77/TPS-59 Capabilities List

Part No.	Nomenclature	NSN	System	Platform	Repair	NB
MA52035	Control Monitor	5895-01-520-4690	AN/TPS-59	Ground Based Radar	√	√
PP-8150	Power Supply	6130-01-159-7036	AN/TPS-59	Ground Based Radar	√	√
PS69-359	Frequency Converter	6130-01-035-9524	AN/TPS-59	Ground Based Radar	√	√
PSE-4-75/27923	Phase Shifter	5915-01-185-0836	AN/TPS-59	Ground Based Radar	√	√
7325484G001	Mixer Stage Frequency	5895-01-078-4619	AN/TPS-59	Ground Support Radar	√	√
7326504G2	Amplifier, RF	5895-01-261-1553	AN/TPS-59	Ground Support Radar	√	√
7343305G1	Amplifier RF	5996-01-145-4357	AN/TPS-59	Ground Support Radar	√	√
7343309G1	Amplifier Exciter	5820-01-146-3295	AN/TPS-59	Ground Support Radar	√	√
77C716283P3	Amplifier, RF	5895-01-153-9543	AN/TPS-59	Ground Support Radar	√	√
77C723937G1	Frequency Multiplier	5895-01-406-5067	AN/TPS-59	Ground Support Radar	√	√
77C723938G001	Frequency Multiplier	5895-01-289-8534	AN/TPS-59	Ground Support Radar	√	√
77D613065G001	Mixer Stage Frequency	5895-01-176-5297	AN/TPS-59	Ground Support Radar	√	√
A3205747	Control Indicator	5895-01-382-3221	AN/TPS-59	Ground Support Radar	√	√
77E301065G003	Power Module Amplifier	5895-01-586-7251	AN/TPS-59	LONG RANGE RADAR	√	√
77E301065G3	Power Module Amplifier	5895-01-586-7251	AN/TPS-59	Long Range Radar	√	√
77C716283P005	Amplifier, Row Transmitter	5996-01-441-1594	AN/TPS-59	TARS/Ground Based Radar	√	√
7327080G001	Transmitter Sub Assembly	5895-01-175-9612	AN/TPS-59	Ground Based Radar	√	√
DS-2071-2	RF Transmission Switch Assembly	5985-01-154-6359	AN/TPS-59	Ground Based Radar	√	√

5373 N. Hiatus Rd, Sunrise FL 33351 USA | Tel:(954)-430-6234 | Fax:(954)-430-6237

E-Mail: sales@calibersales.com | WEB: www.calibersales.com

Cage Code: 0JB79 | U.S. State Dept Lic PM/MC 5868 | ISO 9001:2015 | TRAC No. TC4182-7485 | 6/21