



USD, founded in 1962, has matched its production capability with a successful repair/overhaul and upgrade business. We are one of a limited-number of organizations designated as a U.S. Government Repair Facility. Through the reverse engineering and manufacturing process, USD has been able to repair/overhaul, modify or supply many otherwise obsolete products, assemblies or subassemblies. Our team of experienced problem solvers can also meet the challenges of your systems obsolescence concerns in the event of Diminishing Manufacturing Sources (DMS).

Please note that the capabilities shown below are not an all inclusive list. Direct all inquiries via e-mail to sales@usdynamicscorp.com

Repair, Overhaul and New Builds

USD is always adding new systems for Repair, Overhaul and New Builds. *Please contact factory for additional systems supported.*



[Click here to submit an RFO or to request more information.](#)

OEM P/N	USD P/N	FSC	NIIN	DESCRIPTION	SYSTEM	PLATFORM(S)	REPAIR	NEW BUILD
253958	475163	6615	01-432-6690	RATE GYROS	AN/APG-63	F-15		✓
259207	576000	5962	01-053-0635	30 MHZ FILTER AND SWITCH	AN/APG-63	F-15		✓
259207-1	576000	5962	01-053-0635	30 MHZ FILTER AND SWITCH	AN/APG-63	F-15		✓
2950-4032-01	544022	5841	01-101-3619	RADAR (TONE) MODULATOR	AN/APG-63	F-15	✓	✓
3271870-20		5998	01-060-2968	LVPS ELECTROMAGNETIC LOGIC BIAS FILTER ASSY	AN/APG-63	F-15	✓	
3904749-2	576000	5962	01-053-0635	30 MHZ FILTER AND SWITCH	AN/APG-63	F-15		✓
64667-301	475163	6615	01-432-6690	RATE GYROS	AN/APG-63	F-15		✓
926239-1B	544022	5841	01-101-3619	RADAR (TONE) MODULATOR	AN/APG-63	F-15	✓	✓
GG1111LC02	446200	6615	01-035-0744	RATE INTEGRATING GYROS	AN/APG-63	F-15	✓	✓
MA8412-1X1D	544022	5841	01-101-3619	RADAR (TONE) MODULATOR	AN/APG-63	F-15	✓	✓
MD-100X011	544022	5841	01-101-3619	RADAR (TONE) MODULATOR	AN/APG-63	F-15	✓	✓
MD-100X11	544022	5841	01-101-3619	RADAR (TONE) MODULATOR	AN/APG-63	F-15	✓	✓
MPS758	544022	5841	01-101-3619	RADAR (TONE) MODULATOR	AN/APG-63	F-15	✓	✓
11352		6130	01-082-7817	POWER SUPPLY/ ION PUMP	AN/APG-66	F-16		✓
60642		6130	01-082-7817	POWER SUPPLY/ ION PUMP	AN/APG-66	F-16		✓
0800318	544022	5841	01-101-3619	RADAR MODULATOR	AN/APG-66	F-16		✓
362D37H01		5985	01-030-9462	DIPLEXER	AN/APG-66	F-16	✓	✓
583R290H01	585140	1270	01-077-0718	MICROWAVE GUNN EFFECT FIXED OSCILLATOR	AN/APG-66	F-16	✓	✓
583R290H02	585140	1270	01-077-0718	MICROWAVE GUNN EFFECT FIXED OSCILLATOR	AN/APG-66	F-16	✓	✓
583R936H01		1270	01-096-7120	FREQUENCY MULTIPLIER	AN/APG-66	F-16	✓	
583R936H02		1270	01-096-7120	FREQUENCY MULTIPLIER	AN/APG-66	F-16	✓	
583R936H03		1270	01-222-3541	FREQUENCY MULTIPLIER	AN/APG-66	F-16	✓	
583R936H04		1270	01-096-7120	FREQUENCY MULTIPLIER	AN/APG-66	F-16	✓	
583R936H05		1270	01-343-8506	FREQUENCY MULTIPLIER	AN/APG-66	F-16	✓	
583R936H06		*	*	FREQUENCY MULTIPLIER	AN/APG-66	F-16	✓	
584R453H01	585130	6130	01-082-7817	POWER SUPPLY/ ION PUMP	AN/APG-66	F-16		✓
646R666G01	585120	1270	01-083-5926	GROUND DECK PULSER	AN/APG-66	F-16	✓	✓
646R861G01	585190	1270	01-077-0710	RECEIVER ASSEMBLY	AN/APG-66	F-16	✓	✓
681R267G01		6130	01-080-1216	POWER SUPPLY - DIGITAL SIGNAL PROCESSOR	AN/APG-66	F-16	✓	
681R317G03		1270	01-075-9674	REFERENCE SOURCE ASSY	AN/APG-66	F-16	✓	
681R326G01		1270	01-089-7286	TRANSMITTER PEAK POWER DETECTOR	AN/APG-66	F-16	✓	
681R366G01	585440	1270	01-083-0398	PRESSURE VESSEL ASSEMBLY	AN/APG-66	F-16	✓	✓
681R621G01		5998	01-099-3253	ELECTRONIC COMPONENTS ASSEMBLY	AN/APG-66	F-16	✓	

OEM P/N	USD P/N	FSC	NIIN	DESCRIPTION	SYSTEM	PLATFORM(S)	REPAIR	NEW BUILD
682R668G01		1270	01-097-6096	PEAK POWER DETECTOR	AN/APG-66	F-16	✓	✓
682R717G01		5998	01-101-5290	CIRCUIT CARD ASSEMBLY	AN/APG-66	F-16	✓	
682R727G01	585100	1270	01-099-3206	LOW NOISE ASSEMBLY	AN/APG-66	F-16		✓
682R975G01		6130	01-103-4551	POWER SUPPLY - RADAR COMPUTER	AN/APG-66	F-16	✓	
688R007G01	585135	5998	01-115-3249	PROTECTION CB, CCA	AN/APG-66	F-16		✓
70028-02		6130	01-082-7817	POWER SUPPLY/ ION PUMP	AN/APG-66	F-16		✓
780R823		5985	01-410-9914	ANTENNA	AN/APG-66	F-16	✓	
780R823G01		5985	01-410-9914	ANTENNA	AN/APG-66	F-16	✓	
781R129G01		5841	01-398-7211	RADAR TRANSMITTER	AN/APG-66	F-16	✓	
781R130		1270	01-410-9915	GENERATOR RECEIVER	AN/APG-66	F-16	✓	
781R130		1270	01-416-0083	GENERATOR RECEIVER	AN/APG-66	F-16	✓	
781R130		1270	01-416-0085	GENERATOR RECEIVER	AN/APG-66	F-16	✓	
781R130		1270	01-416-0086	GENERATOR RECEIVER	AN/APG-66	F-16	✓	
781R130G01		1270	01-410-9915	GENERATOR RECEIVER	AN/APG-66	F-16	✓	
781R130G02		1270	01-416-0083	GENERATOR RECEIVER	AN/APG-66	F-16	✓	
781R130G03		1270	01-416-0086	GENERATOR RECEIVER	AN/APG-66	F-16	✓	
781R130G04		1270	01-416-0085	GENERATOR RECEIVER	AN/APG-66	F-16	✓	
781R925G01		5998	01-406-7787	CIRCUIT CARD ASSY.	AN/APG-66	F-16	✓	
783R199G01		5955	01-431-8686	NON-CRYSTAL OSCILLATOR	AN/APG-66	F-16		✓
783R209G01		5841	01-416-5187	RECEIVER ASSEMBLY	AN/APG-66	F-16	✓	
851836-2		6130	01-082-7817	POWER SUPPLY/ ION PUMP	AN/APG-66	F-16		✓
C12413-1		1270	01-083-5926	GROUND DECK PULSER	AN/APG-66	F-16		✓
FS-2370-1	585140	1270	01-077-0718	MICROWAVE GUNN EFFECT FIXED OSCILLATOR	AN/APG-66	F-16	✓	✓
FS-9082		1270	01-222-3541	FREQUENCY MULTIPLIER	AN/APG-66	F-16	✓	
M02X222B		1270	01-096-7120	FREQUENCY MULTIPLIER	AN/APG-66	F-16	✓	
586R212H06		5841	01-353-9263	TRANSMIT MICROWAVE ASSEMBLY	AN/APG-66, 68	F-16	✓	
1761	585025	5996	01-468-8650	LOW NOISE AMPLIFIER	AN/APG-68	F-16	✓	✓
7220		5841	01-291-6174	TRANSMIT MICROWAVE ASSEMBLY	AN/APG-68	F-16	✓	
7276	585025	5996	01-464-4836	LOW NOISE AMPLIFIER	AN/APG-68	F-16	✓	✓
101597		6625	01-124-0226	FREQUENCY MULTIPLIER	AN/APG-68	F-16	✓	
5187206		5998	01-497-3309	CIRCUIT CARD ASSEMBLY	AN/APG-68	F-16	✓	
12604334		6625	01-124-0226	FREQUENCY MULTIPLIER	AN/APG-68	F-16	✓	
01-01375-002		5985	01-294-9788	ANTENNA CONTROL	AN/APG-68	F-16	✓	
01-01375-002A		5985	01-294-9788	ANTENNA CONTROL	AN/APG-68	F-16	✓	
01-01375-003		5985	01-352-9699	ANTENNA CONTROL	AN/APG-68	F-16	✓	
12604334-1		6625	01-124-0226	FREQUENCY MULTIPLIER	AN/APG-68	F-16	✓	
12604334-2		6625	01-124-0226	FREQUENCY MULTIPLIER	AN/APG-68	F-16	✓	
12604334-3		6625	01-124-0226	FREQUENCY MULTIPLIER	AN/APG-68	F-16	✓	
12604334-4		6625	01-124-0226	FREQUENCY MULTIPLIER	AN/APG-68	F-16	✓	
16VZ001-16		5998	01-310-8718	ELECTRONIC COMPONENT ASSEMBLY	AN/APG-68	F-16	✓	
16VZ001-17		1270	01-418-1960	GENERATOR, RADIO FREQUENCY	AN/APG-68	F-16	✓	
229-029552-01		5820	99-783-4026	CHASSIS	AN/APG-68	F-16	✓	
2825131-3		5998	01-384-9455	CIRCUIT CARD ASSEMBLY	AN/APG-68	F-16	✓	
560R586H01	585025	5996	01-464-4836	LOW NOISE AMPLIFIER	AN/APG-68	F-16	✓	✓

OEM P/N	USD P/N	FSC	NIIN	DESCRIPTION	SYSTEM	PLATFORM(S)	REPAIR	NEW BUILD
581R848H58	585090-2	5935	01-155-1165	CONNECTOR, MALE PLUG (160 PIN)	AN/APG-68	F-16		✓
585R600H05	585025	5996	01-153-8700	LOW NOISE AMPLIFIER	AN/APG-68	F-16	✓	✓
585R600H05	585025	5996	01-464-4836	LOW NOISE AMPLIFIER	AN/APG-68	F-16	✓	✓
586R212		5841	01-203-4624	TRANSMIT ASSEMBLY	AN/APG-68	F-16	✓	
586R212		5841	01-353-9263	TRANSMIT ASSEMBLY	AN/APG-68	F-16	✓	
586R212H03		5841	01-203-4624	TRANSMIT ASSEMBLY	AN/APG-68	F-16	✓	
586R212H05		5841	01-291-6174	TRANSMIT ASSEMBLY	AN/APG-68	F-16	✓	
586R212H07		5841	01-438-9423	TRANSMIT ASSEMBLY	AN/APG-68	F-16	✓	
586R719H01		1270	01-173-4932	TRANSMIT MICROWAVE	AN/APG-68	F-16	✓	
586R719H02		1270	01-173-4932	TRANSMIT MICROWAVE	AN/APG-68	F-16	✓	
586R719H04		*	*	TRANSMIT MICROWAVE ASSEMBLY	AN/APG-68	F-16	✓	
588R881H01		6130	01-439-0638	MLOW POWER RF LOW VOLTAGE POWER SUPPLY	AN/APG-68	F-16	✓	
622-8084-001		5985	01-228-9402	AMPLIFIER-CONVERTER	AN/APG-68	F-16	✓	
685R059G01		6625	01-124-0226	MICROWAVE FREQUENCY MULTIPLIER	AN/APG-68	F-16	✓	
688R683G01	585050	1270	01-132-2440	PHASE SHIFT DRIVER	AN/APG-68	F-16	✓	✓
691R748G01	588000	1270	01-132-6867	LOW NOISE ASSEMBLY	AN/APG-68	F-16	✓	✓
691R750G01		5895	01-193-7344	INTERMEDIATE FREQUENCY ASSEMBLY	AN/APG-68	F-16	✓	
7276-1	585028	5996	01-464-4836	LNA	AN/APG-68	F-16		✓
750R450G04		5841	01-203-4624	TRANSMIT MICROWAVE ASSEMBLY	AN/APG-68	F-16	✓	
750R820		1270	01-169-6289	RECEIVER-GENERATOR, RADAR	AN/APG-68	F-16	✓	
750R820G01		1270	01-169-6289	RECEIVER-GENERATOR, RADAR	AN/APG-68	F-16	✓	
750R821G01	585260	1270	01-168-5002	STALO FREQUENCY SYNTHESIZER	AN/APG-68	F-16	✓	✓
750R824G01		1270	01-168-5004	FREQUENCY OSCILLATOR	AN/APG-68	F-16	✓	
756R222G01	585075	5998	01-195-8634	CONTROLLER ANALOG CCA	AN/APG-68	F-16	✓	✓
756R358G01		1270	01-213-3377	INTERFACE CONTROLLER	AN/APG-68	F-16	✓	
758R139G01	585050	1270	01-132-2440	PHASE SHIFT DRIVER	AN/APG-68	F-16	✓	✓
758R490G01	588395	5841	01-196-3703	GROUND DECK PULSER CCA	AN/APG-68	F-16		✓
758R862G01	588100	1270	01-223-5840	INTERMEDIATE FREQUENCY ASSEMBLY	AN/APG-68	F-16	✓	✓
762R615G01		5998	01-307-5241	CIRCUIT CARD ASSEMBLY	AN/APG-68	F-16	✓	
762R978	588385	5998	01-306-9224	PROTECTION AND CONTROL CCA	AN/APG-68	F-16	✓	✓
762R978G01	588385	5998	01-306-9224	PROTECTION AND CONTROL CCA	AN/APG-68	F-16	✓	✓
765R142		5998	01-310-8718	ELECTRONIC COMPONENT ASSEMBLY	AN/APG-68	F-16	✓	
765R143G01		5998	01-310-8718	ELECTRONIC COMPONENT ASSEMBLY	AN/APG-68	F-16	✓	
765R610G01		1270	01-413-5648	PROCESSOR SIGNAL	AN/APG-68	F-16	✓	
775178G01		1270	01-169-6289	RECEIVER-GENERATOR, RADAR	AN/APG-68	F-16	✓	
775R178G01		1270	01-418-1960	GENERATOR RECEIVER	AN/APG-68	F-16	✓	

OEM P/N	USD P/N	FSC	NIIN	DESCRIPTION	SYSTEM	PLATFORM(S)	REPAIR	NEW BUILD
783R086G01	585050	1270	01-132-2440	PHASE SHIFT DRIVER	AN/APG-68	F-16	✓	✓
785R017G01		5998	01-332-9651	CIRCUIT CARD ASSEMBLY	AN/APG-68	F-16	✓	
785R767G01		5998	01-423-6943	CIRCUIT CARD ASSEMBLY	AN/APG-68	F-16	✓	
785R789G01		5998	01-426-3528	ELECTRONIC COMPONENTS ASSY	AN/APG-68	F-16	✓	
785R953G01		5998	01-425-6022	CIRCUIT CARD ASSEMBLY/ NON-VOLATILE MEMORY	AN/APG-68	F-16	✓	
785R980G01		1270	01-492-6324	PROCESSOR, RADAR	AN/APG-68	F-16	✓	
792R028G01		*	*	CIRCUIT CARD ASSEMBLY	AN/APG-68	F-16	✓	
792R689G01		5998	01-465-7637	CIRCUIT CARD ASSEMBLY	AN/APG-68	F-16	✓	
810R794G01		5998	01-529-1748	COMPONENTS ASSY	AN/APG-68	F-16	✓	
817R226G01		5841	01-486-1338	RADAR RECEIVER	AN/APG-68	F-16	✓	
817R266G01		*	*	LOW NOISE ASSY	AN/APG-68	F-16	✓	
825R860		5841	01-525-1534	RADAR TRANSMITTER	AN/APG-68	F-16	✓	
825R860G01		5841	01-525-1534	RADAR TRANSMITTER	AN/APG-68	F-16	✓	
AF AVIONICS S/P IL		5985	01-294-9788	ANTENNA CONTROL	AN/APG-68	F-16	✓	
AM-7314/URN		5985	01-228-9402	AMPLIFIER-CONVERTER	AN/APG-68	F-16	✓	
AS-3820A/AR		5985	01-294-9788	ANTENNA CONTROL	AN/APG-68	F-16	✓	
AS-3820B/AR		5985	01-352-9699	ANTENNA CONTROL	AN/APG-68	F-16	✓	
ASC1561583		5985	01-228-9402	AMPLIFIER-CONVERTER	AN/APG-68	F-16	✓	
FS9179A		6625	01-124-0226	FREQUENCY MULTIPLIER	AN/APG-68	F-16	✓	
M00X221		6625	01-124-0226	FREQUENCY MULTIPLIER	AN/APG-68	F-16	✓	
M00X224		6625	01-124-0226	FREQUENCY MULTIPLIER	AN/APG-68	F-16	✓	
M00X224-A		6625	01-124-0226	FREQUENCY MULTIPLIER	AN/APG-68	F-16	✓	
M124		6130	01-439-0638	MLOW POWER RF LOW VOLTAGE POWER SUPPLY	AN/APG-68	F-16	✓	
SCD7288		5895	01-421-6495	NOISE LIMITER	AN/APG-68	F-16	✓	
VLX1720		5895	01-421-6495	NOISE LIMITER	AN/APG-68	F-16	✓	
16VE009002-6		1270	01-093-2256	RADAR TRANSMITTER	AN/APG-68, AN/APG-66	F-16	✓	
682R669G01		1270	01-093-2256	RADAR TRANSMITTER	AN/APG-68, AN/APG-66	F-16	✓	
822-0204-002		5826	01-387-0975	RADIO NAVIGATION RECEIVER	AN/APG-68, AN/ASN-163	F-16	✓	
R-2514A/U		5826	01-387-0975	RADIO NAVIGATION RECEIVER	AN/APG-68, AN/ASN-163	F-16	✓	
772R876G01		5998	01-327-2983	CIRCUIT CARD ASSEMBLY	AN/APG-68; AN/APG-66	F-16	✓	
781R749G01		5998	01-327-2983	CIRCUIT CARD ASSEMBLY	AN/APG-68; AN/APG-66	F-16	✓	
781R997G01		5998	01-327-2983	CIRCUIT CARD ASSEMBLY	AN/APG-68; AN/APG-66	F-16	✓	
785R104G01		5998	01-327-2983	CIRCUIT CARD ASSEMBLY	AN/APG-68; AN/APG-66	F-16	✓	
785R116G01		5998	01-327-2983	CIRCUIT CARD ASSEMBLY	AN/APG-68; AN/APG-66	F-16	✓	
792R08		5998	01-327-2983	CIRCUIT CARD ASSEMBLY	AN/APG-68; AN/APG-66	F-16	✓	
3579699		5999	01-150-7095	LOW POWER DIVIDER	AN/APG-65	F-18	✓	
3688090		1430	01-150-6985	BRIDGE POWER SUPPLY CONVERTER	AN/APG-65	F-18	✓	
54.1322.014.00		5999	01-150-7095	LOW POWER DIVIDER	AN/APG-65	F-18	✓	
259270	446800	6615	01-119-9917	RATE INTEGRATING GYROS	AN/APG-73	F-18	✓	✓
103122-004	446800	6615	01-119-9917	RATE INTEGRATING GYROS	AN/APG-73	F-18	✓	✓