

# AN/APQ SERIES

## Radar Systems

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



Boeing RC135 utilizes AN/APQ-122

### ***Repair, Overhaul and New Builds***



Receiver/Transmitter



Radar Processor



AN/APQ-171



F-4 utilizes AN/APQ-122



AN/APQ-171

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

**USD is always adding new systems for Repair, Overhaul and New Builds.**

Please contact factory for additional systems supported.



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### Repair, Overhaul and New Builds

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Description	Stock Class	NIIN	System
ROLL ATTITUDE GEAR ASSEMBLY	3010	00-908-4604	AN/APQ-99
MODULE, MOUNTING BOARD #1	5841	00-924-6647	AN/APQ-99
ELECTRONIC SYNCHRONIZER	1430	00-172-7535	AN/APQ-109
SCANNER CONVERTER TUBE ASSEMBLY	1430	00-512-8488	AN/APQ-109
IF AMPLIFIER AND DISCRIMINATOR ASSEMBLY	1430	00-775-1143	AN/APQ-109
IF POSTAMPLIFIER ASSEMBLY	1430	00-775-4190	AN/APQ-109
ELECTRICAL FREQUENCY CONTROL	5895	00-876-0913	AN/APQ-109
TIME MODULATOR	5895	00-919-0035	AN/APQ-109
BUILT-IN -TEST LOCK ON DRIVER ASSEMBLY	5895	00-941-4154	AN/APQ-109
TIME DISCRIMINATOR AND VIDEO MIXER	5895	00-944-1827	AN/APQ-109
MODE SWITCH BOX	1430	00-115-9771	AN/APQ-120
AZIMUTH (AFT) INDICATOR	1430	00-431-4415	AN/APQ-120
FREQUENCY MULTIPLIER, SOLID STATE	1430	00-833-9603	AN/APQ-120
RADIO FREQUENCY SOLID STATE SIGNAL SOURCE (OSCILLATOR - MULTIPLIER)	5955	00-018-8535	AN/APQ-120
HYBRID ASSEMBLY - NOISE SOURCE (OEM REV K)	5841	01-010-6677	AN/APQ-122
NOISE SOURCE, AVALANCHE, SOLID STATE (RCVR - XMITTER)	5895	00-411-3480	AN/APQ-122
DVST, YOKE AND SHIELD ASSEMBLY	1270	00-165-9922	AN/APQ-153
MAGNETRON CURRENT INTEGRATOR CIRCUIT CARD ASSY	5998	01-135-5844	AN/APQ-153,159
SLOTTED ARRAY ANTENNA	1270	01-042-8436	AN/APQ-159
POWER SUPPLY HEAT SINK MODULE	1270	01-050-5380	AN/APQ-159
ANTENNA ASSEMBLY	1270	01-063-7873	AN/APQ-159
RADAR PROCESSOR	1270	01-071-7473	AN/APQ-159
RADAR SET CONTROL	1270	01-071-8909	AN/APQ-159
RECEIVER/TRANSMITTER, RADAR	1270	01-077-4724	AN/APQ-159
AUXILIARY COMPONENTS MODULE CIRCUIT CARD ASSY.	1270	01-083-4322	AN/APQ-159
VIDEO AMPLIFIER CIRCUIT CARD ASSEMBLY	1270	01-139-2964	AN/APQ-159
RECEIVER/TRANSMITTER, RADAR	1285	01-077-4724	AN/APQ-159
POWER SUPPLY - FILAMENT SWITCHING MODULE	4720	00-195-5753	AN/APQ-159
VIDEO INDICATOR	5841	01-073-3507	AN/APQ-159
FRONT RADAR INDICATOR	5841	01-121-5928	AN/APQ-159
REAR RADAR INDICATOR	5841	01-121-5930	AN/APQ-159
POST AMPLIFIER/AFC MODULE ASSEMBLY	5895	01-079-7114	AN/APQ-159
ELECTRONIC (SERVO) AMPLIFIER	5895	01-121-5949	AN/APQ-159
RF TRANSFORMER	5950	01-048-7294	AN/APQ-159
RF CABLE ASSEMBLY (RECEIVER/XMTR)	5995	00-165-2413	AN/APQ-159
DEFLECTION AMPLIFIER FLOOD HEATER & OVERLAY POWER SUPPLY ASSEMBLY	5996	01-021-7089	AN/APQ-159

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425 BAYVIEW AVENUE  
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ELECTRONIC (SERVO) AMPLIFIER	5996	01-121-5949	AN/APQ-159
POST AMPLIFIER/AFC MODULE	5996	01-289-8535	AN/APQ-159
WRITE GUN BIAS SUPPLY	5998	00-152-6366	AN/APQ-159
ERASE PULSE GENERATOR CIRCUIT CARD ASSEMBLY	5998	01-012-0491	AN/APQ-159
DEFLECTION DRIVER CIRCUIT CARD ASSEMBLY	5998	01-021-3022	AN/APQ-159
LAYER 13 FLEX CABLE	5998	01-040-7373	AN/APQ-159
AFC FREQUENCY AGILITY CIRCUIT CARD ASSEMBLY	5998	01-066-1175	AN/APQ-159
TRACK GATE POSITION PULSE GENERATOR CCA	5998	01-067-2841	AN/APQ-159
MODULATOR CIRCUIT CARD ASSEMBLY	5998	01-070-1455	AN/APQ-159
MULTIPLEXER, RANGE LOGIC CIRCUIT CARD ASSEMBLY	5998	01-076-7899	AN/APQ-159
VIDEO PROCESSING ANGLE TRACKER CCA	5998	01-076-7900	AN/APQ-159
POWER SUPPLY REGULATOR CIRCUIT CARD ASSY	5998	01-076-8407	AN/APQ-159
INTEGRATOR CIRCUIT CARD ASSEMBLY	5998	01-076-8408	AN/APQ-159
CURSOR DEFLECT CIRCUIT CARD ASSEMBLY	5998	01-076-8409	AN/APQ-159
BIT CIRCUIT CARD ASSEMBLY	5998	01-076-8410	AN/APQ-159
MODE CONTROL COMPARISON CIRCUIT CARD ASSEMBLY	5998	01-076-8411	AN/APQ-159
SERVO AMPLIFIER INDICATOR CONTROL CCA	5998	01-076-8412	AN/APQ-159
VIDEO AMPLIFIER-TDC INTEGRATOR CCA	5998	01-076-8413	AN/APQ-159
ANGLE TRACKER CIRCUIT CARD ASSEMBLY	5998	01-076-8414	AN/APQ-159
POWER SUPPLY - FILAMENT SWITCHING MODULE	5998	01-083-4328	AN/APQ-159
DUAL PRF MASTER TIMING CIRCUIT CARD ASSEMBLY	5998	01-083-4329	AN/APQ-159
VIDEO AMPLIFIER ("A6") CIRCUIT CARD ASSEMBLY	5998	01-083-8513	AN/APQ-159
HIGH VOLTAGE MODULE RESISTOR BOARD	5998	01-086-1364	AN/APQ-159
TRANSFER CONTROL CIRCUIT CARD ASSEMBLY	5998	01-135-8071	AN/APQ-159
REGULATOR & SWITCHING CIRCUIT CARD ASSEMBLY	5998	01-135-8072	AN/APQ-159
TRACK GATE ERROR DETECTOR	5999	01-061-0540	AN/APQ-159
SEARCH PROGRAMMER CIRCUIT CARD ASSEMBLY	5999	01-066-1177	AN/APQ-159
CONTROL LOGIC CIRCUIT CARD ASSEMBLY	5999	01-071-7510	AN/APQ-159
POWER SUPPLY MODULE ASSEMBLY	6130	01-081-8156	AN/APQ-159
POWER SUPPLY COUPLER ASSEMBLY	6130	01-121-5929	AN/APQ-159
GIMBAL WAVEGUIDE	*	*	AN/APQ-159
HIGH VOLTAGE POWER SUPPLY	*	*	AN/APQ-159
RADAR PROCESSOR CHASSIS	*	*	AN/APQ-159
A4 CIRCUIT CARD			AN/APQ-159
DVST, YOKE AND SHIELD ASSEMBLY	1270	01-084-0231	AN/APQ-159 AN/VPQ-1

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