



# Platforms and Systems

## Electronic Services

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](mailto:sales@usdynamicscorp.com)

### Repair, Overhaul or Factory New

Platform	System
A-10A	ANTI-SKID CONTROL UNIT ANTI-SKID SYSTEM TEST SET
A-34	CA-513 OPTICAL SIGHT
A-6E	AN/ARC-159 RATE INTEGRATING GYROSCOPE
A-7	AN/SPN-41 AN/SPN-41A AN/TRN-28
A-7A	AN/APQ-99
AAA Radar Simulator	AN/GPQ-T8
Antenna Ground Station GPS	AN/FRC-178
B-52	POWER SUPPLY ALARM CONTROL AN/ALR-69
B-52H	AN/ALQ-153 AN/ALR-20A
Ballistic Missile Early Warning System (BMEWS)	AN/FPS-123

<b>Platform</b>	<b>System</b>
C-130	AN/APQ-122
C-141	ALARM & SIGNAL
CH-46E	AUXILIARY CONTROL ASSEMBLY
E-2C	AN/APX-103 OPTICAL HEAD ASSEMBLY AN/ARC-159
E-3	AN/APY-1/2
F-111	AN/ALR-62
F-14	AN/ARC-159 RATE INTEGRATING GYROSCOPE
F-15	AN/ALQ-135 AN/ALR-56A AN/ALR-56C RADAR WARNING RCVR AN/APG-63 AN/AVQ-20 RATE INTEGRATING GYROSCOPE
F-16	AN/ALQ-184 AN/APG-66 AN/APG-68 HEAD UP DISPLAY SET RATE INTEGRATING GYROSCOPE
F-18	RATE INTEGRATING GYROSCOPE
F-4	AN/SPN-41 AN/SPN-41A AN/TRN-28 AN/ALQ-120 AN/APQ-109 AN/APQ-120 AN/ASQ-153 RATE INTEGRATING GYROSCOPE
F-5	ANTI-ICING AN/APQ-153 AN/APQ-159 AN/VPQ-1

## Platform

## System

Frequency Shift Converter Group

AN/ARA-60

Ground Based Equipment

VOLTAGE CONTROLLED OSCILLATOR (VCO)  
(8.9GHz-11.1GHz)

Ground Based Radar

AN/TPS-43  
AN/TPS-59  
AN/TPS-63  
AN/TPS-70  
AN/TPS-72  
AN/TPS-75  
AN/TPX-54

K1 Leopard

RATE INTEGRATING GYROSCOPE

Mini MUTES

AN/MST-T1

Mobile Ground Control Network

AN/FPS-115  
AN/MSQ-118

Monitor Station and Antenna Ground Station -GPS

AN/FRC-178  
AN/FSN-4

Multi-threat Emitter Simulator (MUTES)

AN/MST-T1  
AN/MST-T1A

Navigation Test Set

AN/ARM-135

P-3 Orion

AN/APN-171  
AN/APN-194  
AN/APN-224

Phalanx

RATE INTEGRATING GYROSCOPE

Radar Altimeter System

AN/APN-224

Radar Control Van

AN/MPS-T1

Radar Simulator

AN/APM-427

## Platform

## System

Range Threat System

AN/FXQ-4

Satellite Tracking Set

AN/GKC-1

Scout Aircraft

ACTUATOR

Standard Missile

RATE INTEGRATING GYROSCOPE

T-38

CA-513 OPTICAL SIGHT  
ANTI-ICING  
AUTOTEMP EGT INDICATOR (TEMPERATURE INDICATOR)  
ELECTRO-MECHANICAL ACTUATOR  
EXHAUST GAS TEMPERATURE (EGT) INDICATOR  
ANGLE OF ATTACK (AOA) COMPUTER  
CPU-115A

Tow Cobra

RATE INTEGRATING GYROSCOPE

TRI-TAC Signal System

AN/TTC-39

## Additional Systems Supported

AN/ALQ-131  
AN/ALR-56C  
AN/ALR-62(V)  
AN/APM-349  
AN/APX-101  
AN/APX-76  
AN/ARC-164  
AN/ARN-108  
AN/FPS-117  
AN/FPS-8  
AN/GPN-22  
AN/GPN-22  
AN/GRC-103  
AN/TPN-19  
AN/TPN-24  
AN/TPQ-36  
N1 COMPASS  
TAFLIR

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