



# CDA INTERCORP

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## CDA INTERCORP MILITARY/AEROSPACE PROGRAMS

<u>CUSTOMER/PROGRAM</u>	<u>APPLICATION</u>	<u>InterCorp P/N</u>
<b>AeroControlex</b> <u>Program</u>		
Boeing Development Aircraft	Induction Motor for Humidified Blower	BX2-C
Cabin Humidifier	Induction Motor for H2O Pump Drive	CC1-C
B-52	Induction Motor for Compressor Pump Drive	FG2-A
<b>Astrium</b> <u>Program</u>		
ORION-Hotbird	Geared Stepper Motor for Antenna Deployment Trim Mechanism	BU7-E
<b>BAE Systems</b> <u>Program</u>		
Sea Spray	Geared Induction motor with Tachometer for Azimuth Drive	AN5-E
	Geared Induction motor with Tachometer for Elevation Drive	AN6-B
Blue Kastrel Radar	Geared Brushless Motor with Tachometer for Elevation Drive	AT7-E
Blue Vixen XCR	Geared Brushless Motor with Field Director for AZ/EL Drive	AX6-D
Blue Kestrel Radar	Geared Brushless Motor with Tachometer for Azimuth Drive	BB7-D
Terminator II/ATFLIR	Geared Brushless Motor with Tachometer for Roll Drive Unit	DF5-A

Large Scale Vehicle 2 - Cutthroat	Geared Redundant Resolver for Control Surface Position Sensing	DR6-A
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JOANNA	Geared Brushless Motor for Gimbal Drive	EC3-A
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**Bendix**

Program

B757/ B767 Weather Radar	Brushless Motor for Azimuth Drive	AB4-C
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	Brushless Motor for Elevation Drive	AC4-B
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APS-133 Radar	Brushless Motor with Flywheel for Antenna Drive	AN3-A
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**Boeing**

Program

B757, B767	AC Induction Motor for Autothrottle Actuator	AC2-A
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B767	AC Induction Motor for Autothrottle Actuator	AT3-A
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B747-400	AC Induction Motor for Autothrottle Actuator	BC4-A
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**Carleton Life Support Systems**

Program

OBIGGS	Geared Synchronous Motor for Rotary Valve Drive	AL6-A
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OBOGS	Geared Induction Motor for Valve Drive	BE5-B
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V-22	Synchronous Motor for Rotary Valve Drive	BH8-A
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C-17	Synchronous Motor for Rotary Valve Drive	BL8-A
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OBOGS	Synchronous Motor for Rotary Valve Drive	BN1-C
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F-15 MSOGS	Geared Synchronous Motor for Rotary Valve Drive	BP9-A
	Geared Induction Motor for Rotary Valve Drive	DG9-B
<b>Cessna</b> <u>Program</u>		
Citation	Geared Brushless Resolver for Flap Position Sensing	CA2-C
	Brushless Resolver for Air Brake Position Sensing	CA3-A
	Geared Brushless Resolver for Flap Position Sensing	ZL9-C
<b>Claverham</b> <u>Program</u>		
EH-101 Helicopter	Geared RVDT for Rotor Blade Sensor	EH3-B
<b>Cubic Defense</b> <u>Program</u>		
GIANT Program	Geared Induction Motor with Tachometer for Azimuth Drive	AW5-A
J-STARS Radar	Geared Brushless Motor with Tachometer for Azimuth Servo	BB5-B
	Geared Brushless Motor with Tachometer for Elevation Servo	BB6-C
	Geared Brushless Motor with Tachometer	BW2-A
<b>DRS</b> <u>Program</u>		
Mast Mounted Sight for Kiowa Helicopter	Geared Brushless Motor with Tachometer for Az/EL Drive	BC7-A
AWADS Radar	Geared Brushless Motor with Tachometer for Roll Actuator	BM1-D

Geared Brushless Motor with Tachometer for Pitch Actuator	BM2-D
Geared Brushless Motor with Tachometer for Azimuth Actuator	BM3-C
Geared Induction Motor with Friction Brake for Elevation Actuator	BM4-D
Geared Resolver	BM5-D
Resolver for Pitch Control	BM6-E
Geared Resolver for Azimuth Control	BM7-E
Resolver for Elevation Control	BM8-C

**Eaton**

Program

C-17	Brushless Motor for Low Force Actuator	BL3-A
	Brushless Motor with Friction Brake	BN4-A
A-12	RVDT for Engine Throttle Quadrant Assembly	BN5-A
	RVDT for Engine Throttle Quadrant Assembly	BN6-A
	RVDT for Engine Throttle Quadrant Assembly	BN7-A
C-17/MD-11	Synchronous Motor with Friction Brake for Variable Restraint Actuator	BN8-A
B777 Ram Air Actuator	Induction Motor with Friction Brake for Ball Screw Drive	BV6-B

**Fimac**

Program

EF-2000	Induction Motor for Coolant Pump	CH8-A
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**General Electric**  
Program

Unknown	Induction Motor with Tachometer	BK2-B
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B1-B	Brushless Motor with Detent Brake	BS3-A
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**Georgia Tech Research Institute**  
Program

AAIS Radar Antenna	Geared Brushless Motor with Tachometer for Azimuth Drive	CR7-A
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	Geared Brushless Motor with Tachometer for Elevation Drive	CR8-A
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	Geared Brushless Motor with Tachometer for Roll Drive	CR9-A
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**Honeywell**  
Program

APS-133 Color Weather Radar	Control Motor	AA4-A
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Aquarius/SAC-D	Motor	AA5-A
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SAC-D	Motor	AA8-A
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RDR 4-B Weather Radar	Synchronous Motor	AB3-D
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SAC-D	Motor	AD7-A
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APS-133 Color Weather Radar	Brushless Motor	AE1-A
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F-22	Wheel Speed Sensor	BY8-D
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	Geared Stepper Motor for Valve Drive on Environmental Control System	CB9-C
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	Geared Stepper Motor for Valve Drive on Environmental Control System	CE7-A
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	Geared Stepper Motor for Valve Drive on Environmental System	CK3-B
Active Stick Development	Brushless Motor with Rotary Accelerometer for Pitch Actuator	CY9-B
	Brushless Motor with Rotary Accelerometer for Roll Actuator	CZ1-B
CVN-78	Geared Stepper Motor for AFFF Valve Actuator	FD6-A
<b>Hughes Aircraft Program</b>		
F-14D	Brushless Motor with Resolver for Fire Control Radar Azimuth Drive	BS7-A
	Brushless Motor with Resolver for Fire Control Radar Elevation Drive	BS8-A
<b>Indra EWS Program</b>		
ECR-90 Radar	Geared Brushless Motor for Azimuth Drive	BT3-A
	Geared Brushless Motor for Elevation Drive	BT4-A
DORNA	Geared Brushless Motor with Friction Brake for Elevation Drive	BV3-A
	Geared Brushless Motor with Friction Brake for Azimuth Drive	BV4-A
ECT-90 Radar	Brushless Resolver for Azimuth Control	DG7-A
	Brushless Resolver for Elevation Control	DG8-A
<b>Jansen Aircraft Program</b>		
X-43A HYPER-X Scramjet	Brushless Motor with Friction Brake for Fuel Valve Drive	CX6-B

LRASM	Brushless Motor for EMA Fuel Control Valve	EJ7-A
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**L-3 Communications**  
Program

AN/AAR-44 Radar	Geared Synchronous Motor for Elevation Drive	AY8-A
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	Geared Synchronous Motor with Friction Brake for Azimuth Drive	AY9-A
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AN/AAR-FX Radar	Geared Synchronous Motor for Antenna Drive	BU8-A
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**Lockheed Martin**  
Program

AH-64 Apache TADS	Stepper Motor with Detent Brake for Optical Reference Tube	AY7-A
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	Geared Stepper Motor with Detent Brake for Optical Drive	BA8-A
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	Stepper Motor with Friction Brake for Optical Reference Tube	BE2-A
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	Brushless Motor with Friction Brake for Optical Reference Tube	BE3-B
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	Stepper Motor for Optics Drive	BE4-B
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LANTIRN	Geared Synchronous Motor for Wide Field of View Radar	BE6-B
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	Geared Brushless Motor with Tachometer, Feedback Gearbox and Resolver for Prism Drive	BE9-B
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	Stepper Motor for Wide Field of View Radar	BF2-A
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ATF	Geared Brushless Motor with Tachometer and Feedback Gearbox for Stage Drive	BG3-A
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A-12	Geared Stepper Motor with Detent Brake for Focus Drive	BL1-A
	Geared Stepper Motor with Detent Brake for Cam Drive	BL2-B
Longbow	Geared Brushless Motor for Azimuth Drive	CB8-A
RAH-66 Comanche	Stepper Motor with Hall Sensor for Focus Drive	CL5-A
	Geared Brushless Motor with Tachometer and Field Director for EOTADS Azimuth Actuator	CM3-A
Sniper	Geared Brushless Motor with Redundant Resolver and Friction Brake for Roll Actuator	CM4-A
RAH-66 Comanche	Geared Brushless Motor with Tachometer and Friction Brake for NVPS Azimuth Drive	CM6-A
ISU Tank Sight FLIR	Stepper Motor with Detent Brake for Wide Field of View Optic Drive	CP4-A
	Geared Stepper Motor with Detent Brake for FLIR Drive	CP5-A
Airborne Laser	Geared Stepper Motor for Focus Mechanism	DK3-A
TRACER	Geared Resolver for Window Sensing	DL2-A
	Geared Brushless Motor for Shroud Actuator	DM3-A
Advanced Precision Kill Weapons System (APKWS)	Geared Brushless Motor for Laser Missile Guidance System	EK1-A
Navy Stealth Ship	Geared Brushless Motor	EX2-A



**Logic**Program

CH-46 Helicopter	Tandem RVDT for Collective Position Sensing	CH6-A
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**Northrop Grumman**Program

A6-F MMRS	Brushless Motor with Tachometer for Pitch and Roll Actuator	BA3-A
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	Geared Brushless Motor with Tachometer for Scan Actuator	BA4-A
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EA-6B	Geared Brushless Motor with Tachometer, Gearbox, and Friction Brake for Azimuth Drive	BU9-A
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MODAR	Geared Induction Motor with Tachometer for Azimuth Drive	CJ2-A
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	Geared Induction Motor with Rate Tachometer for Elevation Actuator	CJ3-A
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Quiet Knight	Geared Induction Motor with Tachometer for Elevation Actuator	CR1-A
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Nimrod	Brushless Motor with Resolver	DA4-A
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Predator UAV	Geared Induction Motor with Tachometer for TESAR Radar Drive	DB3-A
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Internal Forward Looking Infrared Targeting System	Geared Stepper Motor for Mirror Drive	DS3-A
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	Geared Stepper Motor with Detent Brake for Turret Drive	DS4-A
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Avionics Modernization Program (MODAR)	Geared Induction Motor with Tachometer for Elevation Actuator	DY3-B
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	Geared Induction Motor with Tachometer for Azimuth Actuator	DY9-B
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MODAR	Geared Induction Motor with Rate Tachometer for Azimuth Actuator	DZ1-A
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Sensor Fusion Radar	Geared Induction Motor with Rate Tachometer for Azimuth Actuator	EA2-B
	Geared Induction Motor for Roll Axis Actuator	EA3-B
Avionics Modernization Program II	Geared Induction Motor with Tachometer for Azimuth Drive	EB8-B
	Geared Induction Motor with Tachometer for Elevation Drive	EB9-B
Global Hawk	Brushless Motor with Redundant Field Directors	EV3-A
GEMSTONE	Geared Brushless Motor with Tachometer for Shroud Drive	EV8-A
	Geared Resolver for Shroud Drive Sensor	EV9-A
MODAR	Brushless Resolver for AZ/EL Position Sensing	ZV1-A
<b>Overwatch Systems Program</b>		
Global Hawk	Geared Brushless Motor for Radar Antenna Drive	FD9-A
<b>Perry Technologies Program</b>		
Advanced Development Unmanned Undersea Vehicle (ADUUV)	Brushless Motor for Ballast Drive	EC1-A
<b>Raytheon Program</b>		
Navy Midrange RVP	Geared Brushless Motor with Tachometer for Line Scanner	AD2-A
F-117 FLIR	Geared Induction Motor with Friction Brake and Resolver for Shroud Drive	AM5-A

TOW COBRA	Geared Brushless Motor with Tachometer for De-rotation Drive	AN1-A
F-117 FLIR	Geared Induction Motor with Friction Brake and Resolver for Azimuth Drive	AR7-A
Javelin Missile	Stepper Motor for Optics Drive	BA2-A
APQ-158 for MH-53 Helicopter	Geared Brushless Motor with Tachometer and Friction Brake for Elevation Drive	BD6-C
	Geared Brushless Motor with Tachometer and Friction Brake for Azimuth Drive	BD8-C
HARPSS	Geared Brushless Motor with Tachometer, Feedback Gearbox and Friction Brake for Azimuth Drive	BF3-A
	Geared Brushless Motor with Tachometer, Feedback Gearbox and Friction Brake for Elevation Drive	BF4-B
S-3B	Brushless Motor with Tachometer for Azimuth Drive	BF5-A
APQ-122	Geared Brushless Motor with Tachometer, Feedback Gearbox and Friction Brake for Elevation Drive	BG4-A
	Geared Brushless Motor with Tachometer, Feedback Gearbox and Friction Brake for Roll Drive	BG5-A
	Geared Brushless Motor with Tachometer, Feedback Gearbox and Friction Brake for Azimuth Drive	BG6-A
A-12	Geared Brushless Motor with Friction Brake for Antenna Drive	BN2-A
Big Look Antenna	Geared Induction Motor with Tachometer for Azimuth Drive	BX7-A
ARIES	Geared Induction Motor with	CK8-A

	Friction Brake and Tachometer for Elevation Drive	
HDR/GBS Antenna	Geared Stepper Motor with Detent Brake for Axis Drive	CU8-B
AT/FLIR	Geared Brushless Motor with Hall Sensor for Wind Screen Pitch Axis Drive	DB8-A
Sentinel Radar	Geared Brushless Motor with Rotary Accelerometer for Azimuth Drive	DP9-B
F-18 ATFLIR	Geared Brushless Motor for Windscreen Pitch Axis Drive	DR7-A
Classified	Geared Brushless Motor for Axis Control Actuator	DW4-A

**Rockwell Collins  
Program**

MSU-860/88	Synchronous Motor for Missile Guidance	BH6-B
MSU-870	Synchronous Motor for Missile Guidance	BJ4-A
Multiscan Weather Radar	Stepper Motor for AZ/EL Drive Actuation	CN8-A

**Selex  
Program**

JAS-39 Gripper	Geared Brushless Motor with Field Director for Az/El Drive	AW9-E
TIALD	Geared Brushless Motor with Friction Brake for Roll Drive	BR3-B
	Geared Brushless Motor with Tachometer and Friction Brake for Ball Drive	BR4-A
NEMESIS	Geared Brushless Motor for Large System Azimuth Drive	CN1-B

	Geared Brushless Motor for Large System Elevation Drive	CN2-C
	Geared Brushless Motor for Small System Azimuth Drive	CN3-C
	Geared Brushless Motor for Large System Elevation Drive	CN4-C
DIRCM	Geared Brushless Motor for Large Azimuth Drive	ED1-A
<b>Thales Aerospace Program</b>		
Classified	Induction Motor with Tachometer	AE4-A
Super Searcher Antenna	Motor with Tachometer for Elevation Drive	AT4-A
Super Searcher Antenna	Motor for Azimuth Drive	AW7-A
BAe 125 Dominic	Geared Induction Motor for Azimuth Drive	CB1-B
	Induction Motor with Tachometer for Elevation Drive	CB2-A
	Induction Motor for Roll Drive	CB3-A
EF-2000	Induction Motor for Coolant Pump	CC3-A
Classified	Induction Motor for Radar Drive	CH4-A
PodSAR	Induction Motor with Tachometer for Antenna Drive	DT7-A
EF-2000 FLIR (PIRATE)	Stepper Motor with Field Director for Mirror Drive	EA7-B
Watchkeeper WK450 UAV	Geared Brushless Motor for Azimuth Drive	EK2-A
	Brushless Resolver for Azimuth Position Sensor	EK3-A

Geared Brushless Motor with  
Gearbox for Elevation Drive EK4-B

Brushless Resolver for Elevation  
Position Sensor EK5-A

**Ultra Electronics**  
Program

SEAKING RADAR Geared Brushless Motor wit  
Tachometer for Pitch/Roll Drive CY7-C

**Umbra Cuscinetti**  
Program

EH-101 Helicopter Geared Induction Motor with  
Friction Brake for Blade Fold Lock  
Actuator CD7-C

**U.S. Army – Redstone Arsenal**  
Program

Hawk Missile Brushless Motor with Tachometer AB8-A

Bradley Fighting Vehicle Geared Induction Motor for Afocal  
Switch BP8-A

**U.S. Navy**  
Program

MK-19 Plotter Geared Stepper Motor for Axis  
Drive BW4-A

**Western Design Corporation**  
Program

M1 Tank Gearbox for Ammunition Hoist  
Crank BG1-A

**Western Space and Marine**  
Program

Robotic Arm (Master) Geared Induction Motor with  
Tachometer for  
Wrist/Elbow/Shoulder Drive CL7-B

Geared Induction Motor with CM2-A

Tachometer and Gearbox for Wrist Drive

**Westinghouse**  
Program

Night Giant

Geared Stepper Motor for Focus Drive BV7-A

Geared Stepper Motor for Second Fold Drive BV8-A

Stepper Motor for Wide Field of View Drive BW6-A

**TOTAL NUMBER OF APPLICATIONS:**

**185**