



CDA INTERCORP

450 GOOLSBY BLVD. ■ DEERFIELD, FL 33442-3019

(954) 698-6000 FAX (954) 698-6011

As of May 11, 2010 **CDA INTERCORP MILITARY/AEROSPACE PROGRAMS**

<u>CUSTOMER/PROGRAM</u>	<u>APPLICATION</u>	<u>InterCorp P/N</u>
AeroControlex <u>Program</u>		
Boeing Development Aircraft	Induction Motor for Humidified Blower	BX2-C
Cabin Humidifier	Induction Motor for H2O Pump Drive	CC1-C
Astrium <u>Program</u>		
ORION-Hotbird	Geared Stepper Motor for Antenna Deployment Trim Mechanism	BU7-E
BAE Systems <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

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
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Cessna <u>Program</u>		Geared Induction Motor for Rotary Valve Drive	DG9-B
	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
Claverham <u>Program</u>			
	EH-101 Helicopter	Geared RVDT for Rotor Blade Sensor	EH3-B
Cubic Defense <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
DRS <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
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	Geared Resolver	BM5-D
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	Resolver for Pitch Control	BM6-E
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	Geared Resolver for Azimuth Control	BM7-E
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	Resolver for Elevation Control	BM8-C
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Eaton

Program

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

Program

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

Program

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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RDR 4-B Weather Radar	Synchronous Motor	AB3-D
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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
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Active Stick Development	Brushless Motor with Rotary Accelerometer for Pitch Actuator	CY9-B
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	Brushless Motor with Rotary Accelerometer for Roll Actuator	CZ1-B
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Hughes Aircraft
Program

F-14D	Brushless Motor with Resolver for Fire Control Radar Azimuth Drive	BS7-A
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Brushless Motor with Resolver for
Fire Control Radar Elevation Drive BS8-A

Indra EWS
Program

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

Jansen Aircraft
Program

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

L-3 Communications
Program

AN/AAR-44 Radar Geared Synchronous Motor for
Elevation Drive AY8-A

Geared Synchronous Motor with
Friction Brake for Azimuth Drive AY9-A

AN/AAR-FX Radar Geared Synchronous Motor for
Antenna Drive BU8-A

Lockheed Martin
Program

AH-64 Apache TADS	Stepper Motor with Detent Brake for Optical Reference Tube	AY7-A
	Geared Stepper Motor with Detent Brake for Optical Drive	BA8-A
	Stepper Motor with Friction Brake for Optical Reference Tube	BE2-A
	Brushless Motor with Friction Brake for Optical Reference Tube	BE3-B
	Stepper Motor for Optics Drive	BE4-B
LANTIRN	Geared Synchronous Motor for Wide Field of View Radar	BE6-B
	Geared Brushless Motor with Tachometer, Feedback Gearbox and Resolver for Prism Drive	BE9-B
	Stepper Motor for Wide Field of View Radar	BF2-A
ATF	Geared Brushless Motor with Tachometer and Feedback Gearbox for Stage Drive	BG3-A
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
	Geared Brushless Motor with Tachometer for Scan Actuator	BA4-A
EA-6B	Geared Brushless Motor with Tachometer, Gearbox, and Friction	BU9-A

	Brake for Azimuth Drive	
MODAR	Geared Induction Motor with Tachometer for Azimuth Drive	CJ2-A
	Geared Induction Motor with Rate Tachometer for Elevation Actuator	CJ3-A
Quiet Knight	Geared Induction Motor with Tachometer for Elevation Actuator	CR1-A
Nimrod	Brushless Motor with Resolver	DA4-A
Predator UAV	Geared Induction Motor with Tachometer for TESAR Radar Drive	DB3-A
Internal Forward Looking Infrared Targeting System	Geared Stepper Motor for Mirror Drive	DS3-A
	Geared Stepper Motor with Detent Brake for Turret Drive	DS4-A
Avionics Modernization Program (MODAR)	Geared Induction Motor with Tachometer for Elevation Actuator	DY3-B
	Geared Induction Motor with Tachometer for Azimuth Actuator	DY9-B
MODAR	Geared Induction Motor with Rate Tachometer for Azimuth Actuator	DZ1-A
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	EV8-A

Tachometer for Shroud Drive

Geared Resolver for Shroud Drive
Sensor EV9-A

MODAR

Brushless Resolver for AZ/EL
Position Sensing ZV1-A

Perry Technologies

Program

Advanced Development
Unmanned Undersea Vehicle
(ADUUV)

Brushless Motor for Ballast Drive EC1-A

Raytheon

Program

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 BF4-B

	Tachometer, Feedback Gearbox and Friction Brake for Elevation Drive	
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 Friction Brake and Tachometer for Elevation Drive	CK8-A
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

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

Thales Aerospace

Program

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 with Tachometer for Pitch/Roll Drive	CY7-C
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Umbra Cuscinetti
Program

EH-101 Helicopter	Geared Induction Motor with Friction Brake for Blade Fold Lock Actuator	CD7-C
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U.S. Army – Redstone Arsenal
Program

Hawk Missile	Brushless Motor with Tachometer	AB8-A
Bradley Fighting Vehicle	Geared Induction Motor for Afocal	BP8-A

Switch

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 Tachometer and Gearbox for Wrist Drive CM2-A

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:

176