



Aero Precision offers total solution for F-15 CAD/PAD requirements

Supply

- Cartridge Actuated Devices (CADs)
- Power Actuated Devices (PADs)
- Items whenever it is required



Schedule and Implement

- CAD/PAD Management Software Program (RAMP)
- Requirements and Management Program

CAD/PAD items are life sensitive Critical Safety Items (CSI) used in emergency escape systems.

- Without replacement spares, expired or damaged CAD/PAD items can ground operational aircraft
- Inaccurate aircraft records and inaccurate procurement forecasts result in expensive mistakes
- Increase Aircraft Readiness

CAD/PAD items have limited lives and replacement spares must be in stock to:

- Ensure aircrew safety
- Avoid aircraft down-time
- Increase Aircraft Readiness
- Parts are in stock and ready to ship

F-15 ACES II CAD/PAD Supply*

Part Description	NSN	PN
MORTAR CARTRIDGE (ALTERNATE)	1377-01-052-8207	1005-3
MORTAR CARTRIDGE (ALTERNATE)	1377-01-536-4060	826852-02
HARNESS RELEASE CTG (ALTERNATE)	1377-01-052-8206	1002-41
HARNESS RELEASE CTG (ALTERNATE)	1377-01-368-5411	9392046-2
DROGUE SEVERANCE ASSY (ALTERNATE)	1377-01-083-8459	811318-6
DROGUE SEVERANCE ASSY (ALTERNATE)	1377-01-234-0706	6012100-03
DROGUE SEVERANCE ASSY (ALTERNATE)	1377-01-496-2522	1853-011
DROGUE GUN CTG (ALTERNATE)	1377-01-052-8208	1003-24
DROGUE GUN CTG (ALTERNATE)	1377-01-322-0071	9392046-1
TRAJECTORY DIVERGENCE ROCKTER MOTOR (ALTERNATE)	1377-01-053-0587	1143-3
TRAJECTORY DIVERGENCE ROCKTER MOTOR (ALTERNATE)	1377-01-472-6459	2-102340-1
TRAJECTORY DIVERGENCE ROCKTER MOTOR (ALTERNATE)	1377-01-537-6192	30614-5
GYRO SPIN-UP GAS GENERATOR (ALTERNATE)	1377-01-053-0537	1004-3
GYRO SPIN-UP GAS GENERATOR (ALTERNATE)	1377-01-319-3847	6066100-02
INERTIA REEL GAS GENERATOR	1377-01-166-4261	0113226-23
VERNIER ROCKET MOTOR (ALTERNATE)	1377-01-255-1650	50436-11
VERNIER ROCKET MOTOR (ALTERNATE)	1377-01-318-1830	1340-1
REEFING LINE CUTTER, 1.15 SEC DELAY	1377-01-332-2379	CI-1.15
SURVIVAL KIT LOCKING CORD CUTTER 4.0 SEC DELAY	1377-01-333-9143	CI-4.0
EMERGENCY POWER SUPPLY (EPS)	1377-01-312-3511	CAP-12115C
DRS POWER MODULE	1377-01-524-2412	1847-066-01



*partial list

CAGE CODE **6UUB4**

CAD/PAD Management Software - RAMP

The accurate management of CAD/PAD Time Change Items is very complex. RAMP is specifically designed to efficiently manage Time Change Items.

Requirements and Management Program (RAMP) manages the operator's CAD/PAD sustainment program, as a monthly service or complete software/computer installation on site.

RAMP uses inventory data, installed item data, procurement data, to develop requirement forecasts & budgets.

The RAMP reduces costs, reduces lead times, **assures component availability** and **improves aircraft readiness**.



Aircraft Installed Parts

682 ⚠ Installed part has expired ⚠ Installed part will expire in 180 days or less

Harness Release Cartridge		Location		Harness Release Thruster ACES II Ejection Seat		Date Of Manufacture	
NSN	Part Number	Shelf	00 Service	06	Lot Number:	Serial Number:	Date Of Manufacture:
1377-01-368-5411		9392045-2			HST09A001-001	61035	December / 2006
DODIC	M087		Lead 24		Date Of Install:	Date Of Expiration:	Next Order Date:
					7/31/2010	December / 2014	12/1/2012
JAU-8/A Ejection Initiator		Location		Seat, Right Side ACES II Ejection Seat		Date Of Manufacture	
NSN	1377-00-403-4827	Shelf	132 Service	132	Lot Number:	Serial Number:	Date Of Manufacture:
1377-00-403-4827		11731737			IHM04A001-008	95	January / 2004
DODIC	M758		Lead 24		Date Of Install:	Date Of Expiration:	Next Order Date:
					3/31/2008	January / 2015	1/1/2013
JAU-8/A Ejection Initiator		Location		Seat, Left Side ACES II Ejection Seat		Date Of Manufacture	
NSN	1377-00-403-4827	Shelf	132 Service	132	Lot Number:	Serial Number:	Date Of Manufacture:
1377-00-403-4827		11731737			IHM04A001-008	106	January / 2004
DODIC	M758		Lead 24		Date Of Install:	Date Of Expiration:	Next Order Date:
					3/31/2008	January / 2015	1/1/2013
Drogue Severance Assy		Location		Seat, Left Side ACES II Ejection Seat		Date Of Manufacture	
NSN	1377-01-234-0706	Shelf	102 Service	102	Lot Number:	Serial Number:	Date Of Manufacture:
					SCN068005-043	21255	September / 2006

RAMP Benefits

- Accurate Procurement Forecasts
- Avoid Over Purchasing
- Eliminates Costly Errors
- Assures Procurement of Correct Items
- Reduces Unscheduled Maintenance
- Intuitive, User Friendly, Simple and Efficient



Aircraft Cost Summary

F-16A	Part Number	Noun	DODIC	Lead Time	Qty per A/cf	Unit Price	Total Cost
1377-01-984-1271	1814-017-02	UWARS (Frost)	5534	20	2	\$1,089.00	\$2,178.00
1377-01-820-9738	512-174-0067	CKU-ASCA Rocket Catapult	MH58	36	1	\$13,333.00	\$13,333.00
1377-00-403-4827	11731737	JAU-8/A Ejection Initiator	M758	24	2	\$914.00	\$1,828.00
1377-01-824-2412	1847-096-01	DRS Power Module	NONE	24	1	\$3,594.00	\$3,594.00
1377-01-053-0687	1145-3	Trajectory Divergence Rocket Motor	MC99	24	1	\$1,595.00	\$1,595.00
1377-01-333-9143	CI-4.0	Survival K2 Locking Cord Cutter 4.0 Sec Delay	MD91	24	1	\$82.00	\$82.00
1377-01-332-2379	CI-1.15	Reeling Line Cutter, 1.15 Second Delay	MC90	24	2	\$88.00	\$176.00

Aero Precision plans, manages and forecasts CAD/PAD inventory so you don't have to.