



Aero Precision offers total solution for F-16 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.

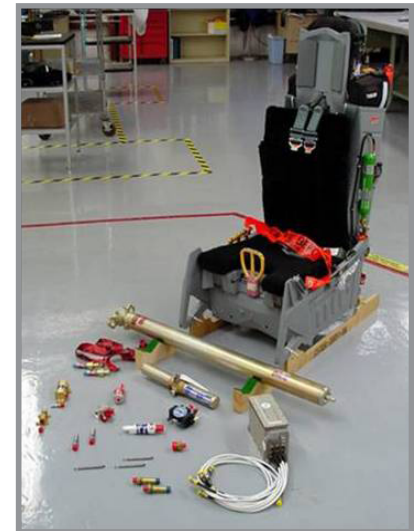
- Without replacement spares, expired or damaged CAD/PAD items can ground operational aircraft
- Inaccurate aircraft records and inaccurate procurement forecasts result in expensive mistakes
- Increase Aircraft Readiness

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-16 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 |



CAGE CODE **6UUB4**

*partial list

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

! Installed part has expired
 ! Installed part will expire in 180 days or less

| Harness Release Cartridge | | Location | | Harness Release Thruster | | ACES II Ejection Seat | |
|----------------------------|------------------|-------------|----------|--------------------------|-----|-----------------------|----------------------|
| NSN | Part Number | Shelf | Q6 | Service | Q6 | Lot Number: | Serial Number: |
| 1377-01-368-5411 | | | | | | HST09A001-001 | 61035 |
| DODIC | M087 | | | Lead | 24 | Date Of Install: | Date Of Expiration: |
| | | | | | | 7/31/2010 | December / 2014 |
| | | | | | | | Next Order Date: |
| | | | | | | | 12/1/2012 |
| JAU-8/A Ejection Initiator | | Location | | Seat, Right Side | | ACES II Ejection Seat | |
| NSN | 1377-06-403-4827 | Shelf | 132 | Service | 132 | Lot Number: | Serial Number: |
| DODIC | M758 | Part Number | 11731737 | Lead | 24 | Date Of Install: | Date Of Expiration: |
| | | | | | | 3/31/2008 | January / 2015 |
| | | | | | | | Next Order Date: |
| | | | | | | | 1/1/2013 |
| JAU-8/A Ejection Initiator | | Location | | Seat, Left Side | | ACES II Ejection Seat | |
| NSN | 1377-06-403-4827 | Shelf | 132 | Service | 132 | Lot Number: | Serial Number: |
| DODIC | M758 | Part Number | 11731737 | Lead | 24 | Date Of Install: | Date Of Expiration: |
| | | | | | | 3/31/2008 | January / 2015 |
| | | | | | | | Next Order Date: |
| | | | | | | | 1/1/2013 |
| Drogue Severance Assy | | Location | | Seat, Left Side | | ACES II Ejection Seat | |
| NSN | 1377-01-234-0706 | Shelf | 102 | Service | 102 | Lot Number: | Serial Number: |
| | | | | | | SCN06.005-043 | 21255 |
| | | | | | | | Date Of Manufacture: |
| | | | | | | | 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.