Indian Head Division
Naval Surface Warfare Center
Indian Head, MD 20640-5035

IHSP 07-509
31 January 2007

LOGISTICS MANAGEMENT REPORT FOR PROPELLANT-ACTUATED DEVICES (PAD)

M.P. Audley

Prepared for
Program Executive Officer,
Tactical Aircraft Programs, PMA-201

REPORT DOCUMENTATION PAGE

Form Approved
OMB No. 0704-0188

1. REPORT DATE (DD-MM-YYYY)	2. REPORT TYPE	3. DATES COVERED (From - To)
31 January 2007	Final Report	

4. TITLE AND SUBTITLE

LOGISTICS MANAGEMENT REPORT FOR PROPELLANT-ACTUATED DEVICES (PAD)

5a. CONTRACT NUMBER

5b. GRANT NUMBER

5c. PROGRAM ELEMENT NUMBER

6. AUTHOR(S)

M. P. Audley

5d. PROJECT NUMBER

5e. TASK NUMBER

5f. WORK UNIT NUMBER

7. PERFORMING ORGANIZATION NAME(S) AND ADDRESS(ES)

Indian Head Division
Naval Surface Warfare Center
Indian Head, MD 20640-5035

8. PERFORMING ORGANIZATION REPORT NUMBER

IHSP 07-509

9. SPONSORING/MONITORING AGENCY NAME(S) AND ADDRESS(ES)

Program Executive Officer
Strike Weapons and Unmanned Aviation
Washington, DC 20361-1010

10. SPONSOR/MONITOR'S ACRONYM(S)

11. SPONSOR/MONITOR'S REPORT NUMBER(S)

12a. DISTRIBUTION/AVAILABILITY STATEMENT

Approved for public release; distribution is unlimited.

13. SUPPLEMENTARY NOTES

14. ABSTRACT

This report is prepared to summarize the status of propellant-actuated device (PAD) stocks, to detail the logistics support given or required for aircraft escape system changes, and to highlight other matters pertaining to U.S. Navy PAD logistics support and acquisition management. The subject report also serves as a reference source for general PAD information.

15. SUBJECT TERMS

Propellant-actuated device (PAD)

16. SECURITY CLASSIFICATION OF:			17. LIMITATION OF ABSTRACT	18. NUMBER OF PAGES	19a. NAME OF RESPONSIBLE PERSON
a. REPORT	b. ABSTRACT	c. THIS PAGE			Susan Simpson
U	U	U	SAR	67	19b. TELEPHONE NUMBER (Include area code) (301) 744-4284

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FOREWORD

The Indian Head Division, Naval Surface Warfare Center (IHDIV/NSWC), Indian Head, MD, is the cognizant field activity for propellant-actuated devices (PAD). The PAD Engineering Division (Code E211) at IHDIV/NSWC is delegated the responsibility of maintenance engineering for PAD devices by PEO (W) PMA-201. The logistics management report is prepared to summarize the status of PAD stocks, detail the logistics support given or required for aircraft escape system changes, and highlight other matters pertaining to PAD logistics support and acquisition management. The subject report also serves as a reference source for general PAD information.

Anyone desiring to make inquiries about the material covered herein or to receive subsequent editions of this semiannual report should contact Mike Audley (Code E211H), DSN 354-2105 or commercial (301) 744-2105.

Diane L. Sabal
Manager, PAD Branch

Approved and released by:

C.A. Pfleegor
Director, CAD/PAD Engineering Division

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INTEGRATED LOGISTICS SYSTEM NOTES

NAVAIR 11-100-1.1-CD Electronic Technical Manual

Basic Issued dated 1 March 1999, Revision 1 dated July 1999, Revision 2 dated January 2002, Revision 3 dated January 2003, Revision 4 dated 8 January 2007.

Production Lot Designation Change

All assets now entering the stock system will have ammunition lot numbers per MIL-STD-1168. An illustration is given below:

IHM01A002-001

a b c d e

a = Manufacturer's identification symbol

b = Two-digit numeric code identifying the year of production of the oldest propellant batch used in the propellant-actuated device (PAD) lot

c = Single alpha code signifying the month of production of the oldest propellant batch used in the PAD lot

d = Lot interfix number (controlled by the Indian Head Division, Naval Surface Warfare Center (IHDIV/NSWC), Indian Head, MD 20640-5035)

e = Lot sequence number.

PAD Spares Policy

Because PAD assets are limited and are not allocated items, refer to IHDIV/NSWC Naval Message 121339Z October 2000 for the Management Policy on CAD/PAD.

Corrosion

The service life for PAD devices is determined by an extensive type-life and ordnance evaluation test program. Corrosion is considered to be a maintenance discrepancy reportable via a safety report or quality deficiency report in accordance with OPNAVINST 8600.16. Corrosion is not a criterion for reducing the service life of an entire lot or specific type of PAD device, but should be reported on a case-by-case basis.

PAD INVENTORY

The following section contains information concerning the PAD devices utilized in U.S. Navy, Marine Corps, and U.S. Air Force T-6A aircraft. Each aircraft is reported separately. The PAD devices are listed under their respective ejection seat configurations. In general, each PAD device is identified as to national stock number, Department of Defense (DOD) identification code/Navy ammunition logistics code (DODIC/NALC), service life, and quantity per aircraft. The serviceable inventory is reported, with both production lot quantities and quantities per lot installed in aircraft. Quantities installed in aircraft are from the CAD/PAD Traceability System (CATS). These inventories of installed assets conducted in cooperation with type commanders and aircraft manufacturers are compiled at IHDIV/NSWC. Lot quantity figures indicate the amount delivered by a contractor for Navy use/Navy stock.

The following color code applies to each lot table per aircraft type:

Red = Lot expiring within the next 6 months
Dark Brown = Lot that has expired in last 6 months
Blue = Lot is on a worldwide service-life extension
Green = A new mod change and affected lots from that change
Violet = The service life of this unit has been increased since the last published report.

Propellant-Actuated Devices

[As of 31 January 2007]

PAD device	NSN	DODIC	Series aircraft	No. per aircraft	Service life (mo/yr)
		Rocket Catapults			
Mk 12 Mod 1[1]	1377-00-276-2364	MC77	OV-10A	2	120/10
Mk 16 Mod 1[2]	1377-01-040-9324	MD72	TA-4J	2	156/13
			S-3B	4	156/13
Mk 18 Mod 0[1]	1377-00-250-0206	M941	T-2C	2	120/10
CKU-7A[1,2]	1377-00-125-7777	MS15	F-5E	1	120/10
			F-5F	2	120/10
			T-38A	2	120/10
CKU-7A/A[1,2]	1377-01-512-0110	JL96	F-5E	1	120/10
			F-5F	2	120/10
			T-38A	2	120/10
CKU-5B/A	1377-01-169-7797	MT47	F-16A	1	48/4
			F-16B	2	48/4
		Man/Seat Separators			
Mk 82 Mod 0[1,2]	1377-00-119-2022	M928	S-3B	2	192/16
Mk 82 Mod 1[1,2]	1377-01-412-6530	MU76	TA-4J	1	84/7
Mk 90 Mod 1[1, 2]	1377-01-412-6462	MU75	S-3B	2	84/7
		Yaw Thrusters			
Mk 83 Mod 0[2,3]	1377-00-119-2031	M929	S-3B	2	84/7
Mk 85 Mod 0[2,3]	1377-00-119-2045	M932	S-3B	2	84/7
		Vernier			
Mk 84 Mod 2[2,4]	1377-01-199-8315	MF57	S-3B	4	156/13
P/N 50436-11	1377-01-255-1650	MT32	F-16A	1	120/10
			F-16B	2	120/10
		Seatback Rocket			
Mk 79 Mod 1/2[1,4]	1377-01-069-1787	MF21	AV-8B	2	132/11
			TAV-8B	4	132/11
		WORD/Drogue Assembly			
Mk 113 Mod 1/2[2,4]	1377-01-149-3516	MG67	AV-8B	1	96/8
			TAV-8B	2	96/8
		Catapult Cartridge			
Mk 205 Mod 2	1377-01-138-3829	XW36	AV-8B	1	96/8
			TAV-8B	2	96/8
		Underseat Rocket Motor			
Mk 86 Mod 0[5]	1377-00-201-9543	M938	EA-6B	2	240/20
Mk 86 Mod 1[1]	1377-01-246-5286	M938	EA-6B	2	240/20
Mk 87 Mod 0[5]	1377-00-201-9545	M939	EA-6B	1	240/20
Mk 87 Mod 1[1]	1377-01-246-5287	M939	EA-6B	1	240/20
Mk 88 Mod 0[5]	1377-00-201-9533	M940	EA-6B	1	240/20
Mk 88 Mod 1[1]	1377-01-246-5288	M940	EA-6B	1	240/20
Mk 100 Mod 0[5]	1377-01-039-2927	MD68	FA-18A/C/B/D	1	216/18
Mk 101 Mod 0[5]	1377-01-039-2928	MD69	FA-18B/D/E	1	216/18

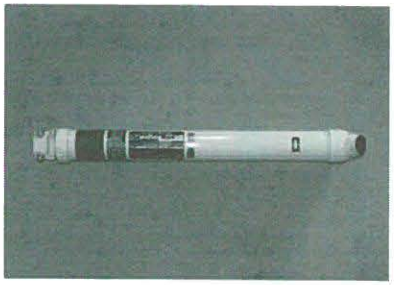
See footnotes at end of table.

Propellant-Actuated Devices—Continued

PAD device	NSN	DODIC	Series aircraft	No. per aircraft	Service life (mo/yr)
Mk 123 Mod 0[2,5]	1377-01-246-5280	MT30	FA-18D/F	1	204/17
			T-45A/C	1	204/17
Mk 124 Mod 0[2,5]	1377-01-246-5281	MT31	FA-18C/D/E/F	1	204/17
			T-45A/C	1	204/17
Mk 137 Mod 0[5]	1377-99-250-2607	JL58	T-6A	1	84/7
Mk 138 Mod 0[5]	1377-99-724-3034	JL59	T-6A	1	84/7
Canopy Remover Rocket Motor					
Mk 109 Mod 0[2,4]	1377-01-101-1443	MF56	FA-18A/C/B/D/E/F	2	132/11
Mk 109 Mod 1[2,4]	1377-01-454-9321	SS67	FA-18A/C/B/D/E/F	2	132/11
P/N J114716-1	1377-01-057-5431	ME80	F-16A	1	84/7
			F-16B	1	84/7
P/N J114716-501	1377-01-058-5431	ME81	F-16A	1	84/7
			F-16B	1	84/7
P/N 1517-001	1377-01-327-7873	MT33	F-16A	1	84/7
			F-16B	1	84/7
P/N 1517-002	1377-01-327-7872	MT34	F-16A	1	84/7
			F-16B	1	84/7
Rocket Motor Divergence					
Mk 121 Mod 0[2,3]	1377-01-242-8859	MT28	TAV-8B	4	84/7
P/N 1143-3[2, 3]	**1377-01-053-0587**	**MD99**	**F-16A**	**1**	**219/18.3**
			F-16B	**2**	**219/18.3**
Parachute Deployment Rocket Motor					
Mk 122 Mod 0[2,5]	1377-01-246-5279	MT29	FA-18C/D/E/F	2	120/10[6]
			T-45A/C	2	120/10[6]

[1]IHDIV/NSWC.
[2]Universal Propulsion Company (UPC).
[3]Pacific Scientific.
[4]Talley Defense Systems (TAC).
[5]Martin-Baker Aircraft Co., Ltd. (MBA).
[6]All lots manufactured in 1998 and after are extended to 120/10; all others remain 84/7.

AV/TAV-8B AIRCRAFT
Stencel SJU-4A AV-8B
Stencel TAV-8B SJU-13/A Fwd, SJU-14A Aft



1. Seatback Rocket Motor Mk 79 Mod 1/2

   a. NSN: 1377-01-069-1787
   b. DODIC: MF21
   c. Service life: 132 months (11 years)
   d. Rocket motor WUC: 97D1M
   e. Two per AV-8B aircraft, four per TAV-8B aircraft.

Lot No.	Lot quantity	AV-8B	NAV-8B	TAV-8B	Total units installed	Service-life expiration date
TAC97D001-001[1]	135	65	0	14	79	April 2008
TAC97J002-001[1]	171	127	2	0	129	September 2008
TAC99H002-002[1]	261	32	0	7	39	August 2010
IH-98A003-002	110	56	0	17	73	January 2009
IH-99M002-003	50	2	0	0	2	December 2010
TAC00L002-003[1]	30	0	0	0	0	November 2011
TAC01E002-004[1]	80	0	0	0	0	May 2012
TAC01E002-005[1]	16	0	0	0	0	May 2012
TAC01K002-006	53	0	0	0	0	October 2012
TAC01K002-007	40	0	0	0	0	October 2012
TAC01M002-008	20	0	0	0	0	December 2012
TAC02A002-009	8	0	0	0	0	January 2013
TAC02E002-010	12	0	0	0	0	May 2013
Total installed:		282	2	38		
Grand total installed:					322	

ILS Notes:

1. **IHDIV/NSWC has qualified and released a Mk 79 Mod 2 (MF21) Seatback Rocket Motor. This new unit can be used in all applications in which the Mod 1 unit is currently being used. The Mod 2 is a one-for-one exchange with the Mk 79 Mod 1 (MF21) unit.**

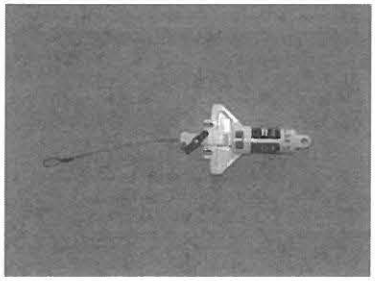
2. Quantity per lot reported installed in CAD/PAD Traceability System (CATS).

3. No lots have expired since the last publication of this report.

4. The next lot scheduled to expire will expire in April 2008.

5. If any conventional ordnance deficiencies on the AV-8 aircraft have been reported on the Mk 79 Mod 1 (MF21), that information is provided in Table V.

2. WORD Rocket Motor/Drogue Release Assembly Mk 113 Mod 1



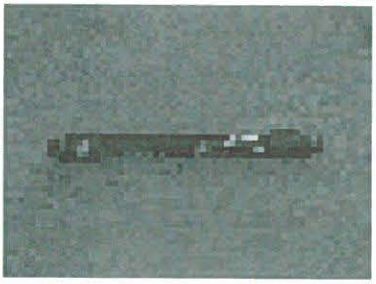
   a. NSN: 1377-01-149-3516
   b. DODIC: MG67
   c. Service life: 96 months (8 years)
   d. Rocket motor WUC: 97D3C
   e. One per AV-8B aircraft, two per TAV-8B aircraft.

Lot No.	Lot quantity	AV-8B	NAV-8B	TAV-8B	Total units installed	Service-life expiration date
UPC99D001-001	237	36	1	13	50	April 2007
UPC00G001-002	44	40	0	4	44	July 2008
TAC00J004-003	30	11	0	2	13	September 2008
TAC01H004-004	7	7	0	0	7	August 2009
TAC01E004-006	14	10	0	2	12	May 2012
UPC03D004-003	28	19	0	9	28	April 2011
TAC05J004-007	74	0	0	0	0	September 2013
Total installed:		123	1	30		
Grand total installed:					152	

ILS Notes:

1. Quantity per lot reported installed in CAD/PAD Traceability System (CATS).
2. No lots have expired since the last publication of this report.
3. The next lot scheduled to expire will expire in April 2007.
4. If any conventional ordnance deficiencies on the AV-8 aircraft have been reported on the Mk 113 Mod 1 (MG67), that information is provided in Table V.

3. Catapult Cartridge Mk 205 Mod 2



   a. NSN: 1377-01-138-3829
   b. DODIC: XW36
   c. Service life: 96 months (8 years)
   d. Rocket motor WUC: 97D34
   e. One per AV-8B aircraft, two per TAV-8B aircraft.

Lot No.	Lot quantity	AV-8B	NAV-8B	TAV-8B	Total units installed	Service-life expiration date
TAC00B002-003A	60	21	0	4	25	February 2008
TAC01B002-004	126	81	0	10	91	February 2009
TAC01G002-005	16	7	0	9	16	July 2009
TAC01G002-006	24	7	0	6	13	July 2009
TAC01J002-008	12	0	0	0	0	September 2010
TAC03K002-009	12	0	0	0	0	October 2011
TAC04D002-011	26	0	0	0	0	April 2012
Total installed:		116	0	29		
Grand total installed:					145	

ILS Notes:

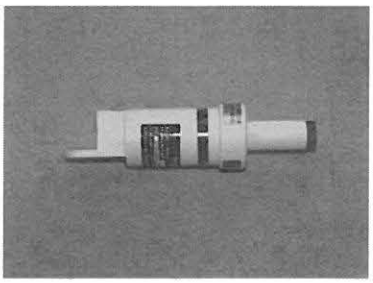
1. Quantity per lot reported installed in CAD/PAD Traceability System (CATS).

2. **The following lots have expired since the last publication of this report:**
   TAC98M002-001 December 2006
   TAC98M002-002 December 2006

3. The next lot scheduled to expire will expire in February 2008.

4. If any conventional ordnance deficiencies on the AV-8 aircraft have been reported on the Mk 205 Mod 2 (XW36), that information is provided in Table V.

4. Rocket Motor Divergence Mk 121 Mod 0



   a. NSN 1377-01-242-8859
   b. DODIC: MT28
   c. Service life: 84 months (7 years)
   d. Rocket motor WUC: 93046
   e. Four per TAV-8B aircraft.

Lot No.	Lot quantity	TAV-8B	Total units installed	Service-life expiration date
ESD00A001-001	95	14	14	January 2007
UPC02L001-024	19	8	8	November 2009
TAC04D001-001	19	16	16	April 2011
UPC05B001-025	22	22	22	April 2011
TAC06F001-002	38	0	0	June 2013
Total installed:		60		
Grand total installed:			60	

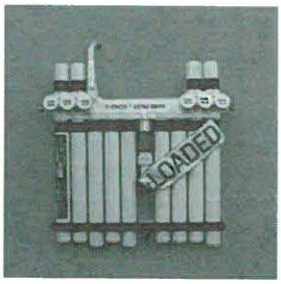
ILS Notes:

1. Quantity per lot reported installed in CAD/PAD Traceability System (CATS).
2. No lots have expired since the last publication of this report.
3. The next lot scheduled to expire will expire in January 2007.
4. If any conventional ordnance deficiencies on the TAV-8 aircraft have been reported on the Mk 121 Mod 0 (MT28), that information is provided in Table V.

EA-6B AIRCRAFT

Martin-Baker Mk GRUEA7 Ejection Seats

1. Underseat Rocket Motor Mk 86 Mod 0 and Mod 1



   a. NSN: 1377-00-201-9543 (Mod 0), 1377-01-246-5286 (Mod 1)
   b. DODIC: M938 (Mod 0), M938 (Mod 1)
   c. Service life: Mod 0: 240 months (20 years); Mod 1: 240 months (20 years)
   d. Rocket motor WUC: 97D3M Mod 0 and Mod 1
   e. Two per aircraft (Pilot/ECMO-3).

Lot No.	Lot quantity	EA-6B	Total units installed	Service-life expiration date
MBA88B001H023	8	8	8	February 2008
MBA88E001-027	22	21	21	June 2008
MBA89F001-030	24	19	19	June 2009
IH-94L002-003A	76	52	52	November 2014
IHM-01G002-006	70	62	62	July 2021
Total installed:		162		
Grand total installed:			162	

ILS Notes:

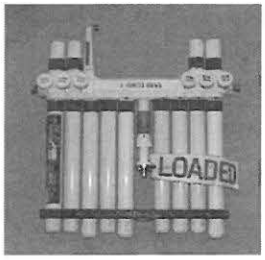
1. Quantity per lot reported installed in CAD/PAD Traceability System (CATS).

2. **The following lots have expired since the last publication of this report:**
   MBA86J001-021 September 2006
   UPC86J001-001(A/B) September 2006
   MBA86J001H020 September 2006

3. The next lot scheduled to expire will expire in February 2008.

4. If any conventional ordnance deficiencies on the EA-6B aircraft have been reported on the Mk 86 Mod 0/1 (M938), that information is provided in Table V.

2. Underseat Rocket Motor Mk 87 Mod 0 and Mod 1



   a. NSN: 1377-00-201-9545 (Mod 0), 1377-01-246-5287 (Mod 1)
   b. DODIC: M939 (Mod 0), M939 (Mod 1)
   c. Service life: Mod 0: 240 months (20 years); Mod 1: 240 months (20 years)
   d. Rocket motor WUC: 97D3N Mod 0 and Mod 1
   e. One per aircraft (ECMO-1).

Lot No.	Lot quantity	EA-6B	Total units installed	Service-life expiration date
MBA88B001H023	11	11	11	February 2008
MBA88E001-025	11	0	0	May 2008
MBA88E001-028	10	9	9	May 2008
MBA88H001H029	12	1	1	August 2008
MBA88E001-030	12	6	6	May 2008
MBA89F001-031	11	0	0	June 2009
IH-94L002-003A	26	11	11	November 2014
IHM-01G002-006	49	43	43	July 2021
Total installed:		81		
Grand total installed:			81	

ILS Notes:

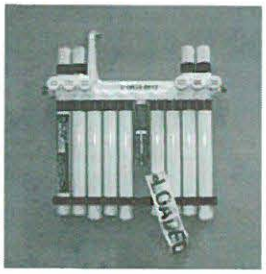
1. Quantity per lot reported installed in CAD/PAD Traceability System (CATS).

2. **The following lots have expired since the last publication of this report:**
   MBA86J001H020 September 2006
   MBA86J001H021 September 2006
   UPC86J001-001(A/B) September 2006

3. The next lot scheduled to expire will expire in February 2008.

5. If any conventional ordnance deficiencies on the EA-6B aircraft have been reported on the Mk 87 Mod 0/1 (M939), that information is provided in Table V.

3. Underseat Rocket Motor Mk 88 Mod 0 and Mod 1



   a. NSN: 1377-00-201-9551 (Mod 0), 1377-01-246-5288 (Mod 1)
   b. DODIC: M940 (Mod 0), M940 (Mod 1)
   c. Service life: Mod 0: 240 months (20 years); Mod 1: 240 months (20 years)
   d. Rocket motor WUC: 97D3P Mod 0 and Mod 1
   e. One per aircraft (ECMO-2).

Lot No.	Lot quantity	EA-6B	Total units installed	Service-life expiration date
MBA88B001H023	6	0	0	February 2008
MBA88E001025	10	10	10	May 2008
MBA88E001-027	12	0	0	May 2008
MBA89F001-030	13	8	8	May 2009
IH-94L002-003A	49	35	35	November 2014
IH-94L002-004	25	18	18	November 2014
MBA00L002-031	46	31	31	November 2020
IHM01G002-006	25	1	1	July 2021
Total installed:		103		
Grand total installed:			103	

ILS Notes:

1. Quantity per lot reported installed in CAD/PAD Traceability System (CATS).

2. **The following lots have expired since the last publication of this report:**
   MBA86J001-021 September 2006

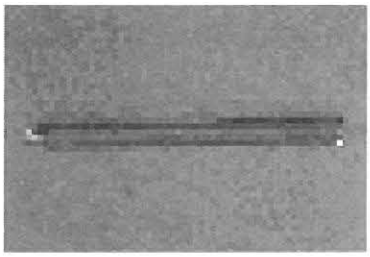
3. The next lot scheduled to expire will expire in May 2008.

4. If any conventional ordnance deficiencies on the EA-6B aircraft have been reported on the Mk 88 Mod 0/1 (M940), that information is provided in Table V.

F-5E/F-T-38A AIRCRAFT

Northrop Improved Ejection Seat
Assembly Number 14-70202-505

1. Rocket Catapult CKU-7A



   a. NSN: 1377-00-125-7777/1377-01-512-4035
   b. DODIC: MS15/JL96
   c. Service life: 120 months (10 years)
   d. Rocket catapult WUC: 97ABA
   e. One per F-5E aircraft, two per F-5F aircraft, two per T-38 aircraft.

Lot No.	Lot quantity	F-5E	F-5F	F-5N	T-38A	Total units installed	Service-life expiration date
IH-98F001-050	4	0	0	4	0	4	June 2008
IHM00C001-051	46	2	4	8	6	20	March 2010
IHM00E001-052	22	1	0	0	2	3	May 2010
IHM00C001-051A[5]	46	1	5	5	7	18	March 2010
IHM00E001-052A[5]	22	2	2	2	2	8	May 2010
IHM01M001-054A[5]	2	0	0	0	2	2	January 2014
IHM04M001-055[5]	20	0	0	3	3	6	December 2014
IHM05M001-056[5]	21	0	0	0	0	0	December 2015
UPC98E001-003A[5]	1	0	0	0	1	1	May 2008
Total installed:		6	11	22	23		
Grand total installed:						62	

ILS Notes:

1. Quantity per lot reported installed in CAD/PAD Traceability System (CATS).
2. No lots have expired since the last publication of this report.
3. The next lot scheduled to expire will expire in May 2005.
4. If any conventional ordnance deficiencies on the F-5/T-38 aircraft have been reported on the CKU-7A (MS15), that information is provided in Table V.
5. The CKU-7/A (MS15), Rocket Catapult is being replaced with CKU-7A/A (JL96). This Rocket Catapult is a one-for-one replacement.

F-16A/B AIRCRAFT
ACES II Seats
General Dynamics

1. Canopy Remover Rocket Motor (Right side)

   a. NSN: 1377-01-057-5431/1377-01-327-7872
   b. DODIC: ME80/MT34
   c. Service life: 84 months (7 years)
   d. Rocket motor WUC: 97CHO
   e. One per F-16A/B.

Lot No.	Lot quantity	F-16A	F-16B	Total units installed	Service-life expiration date
UPC00D001-021[2]	14	8	4	12	April 2007
UPC06A001-035	23	2	0	2	January 2013
Total installed:		10	4		
Grand total installed:				14	

ILS Notes:

1. Quantity per lot reported installed in CAD/PAD Traceability System (CATS).
2. No lots have expired since the last publication of this report.
3. **The next lot scheduled to expire will expire in April 2007.**
4. **IHDIV/NSWC has qualified and released a P/N MT33 Canopy Remover. This new unit can be used in all applications in which the ME81 unit is currently used. The MT33 is a one-for-one exchange with the ME81 unit.**
5. If any conventional ordnance deficiencies on the F-16A/B aircraft have been reported on the ME80, that information is provided in Table V.

2. Canopy Remover Rocket Motor (Left side)

   a. NSN: 1377-01-058-5431/1377-01-327-7873
   b. DODIC: ME81/MT33
   c. Service life: 84 months (7 years)
   d. Rocket motor WUC: 97CGO
   e. One per F-16A/B.

Lot No.	Lot quantity	F-16A	F-16B	Total units installed	Service-life expiration date
OAC01D001-067	14	8	4	12	April 2007
UPC06A001-035	23	2	0	2	January 2013
Total installed:		10	4		
Grand total installed:				14	

ILS Notes:

1. Quantity per lot reported installed in CAD/PAD Traceability System (CATS).

2. No lots have expired since the last publication of this report.

3. **The next lot scheduled to expire will expire in April 2007.**

4. **IHDIV/NSWC has qualified and released a P/N MT33 Canopy Remover. This new unit can be used in all applications in which the ME81 unit is currently used. The MT33 is a one-for-one exchange with the ME81 unit.**

5. If any conventional ordnance deficiencies on the F-16A/B aircraft have been reported on the ME81, that information is provided in Table V.

3. Rocket Catapult CKU-5B/A, and CKU-5C/A

   a. NSN: 1377-01-169-7797, 1377-01-520-9738
   b. DODIC: MT47/JM60
   c. Service life: 60 months (5 years)
   d. Rocket motor WUC: 97EAM
   e. One per F-16A, two per F-16B.

Lot No.	Lot quantity	F-16A	F-16B	Total units installed	Service-life expiration date
IHM05A001-003	20	10	6	16	January 2012
IHM05D001-004	11	0	2	2	April 2012
Total installed:		10	8		
Grand total installed:				18	

ILS Notes:

1. Quantity per lot reported installed in CAD/PAD Traceability System (CATS).
2. No lots have expired since the last publication of this report.
3. The next lot scheduled to expire will expire in January 2012.
4. **IHDIV/NSWC has qualified and released a CKU-5C/A (JM60) Rocket Catapult (ROCAT). This new unit can be used in all applications in which the CKU-5B/A unit is currently used. The CKU-5C/A is a one-for-one exchange with the CKU-5B/A (MT47) unit.**
5. If any conventional ordnance deficiencies on the F-16A/B aircraft have been reported on the CKU-5/BA (MT47), that information is provided in Table V.

4. Rocket Divergence

a. NSN: 1377-01-053-0587
b. DODIC: MD99
c. **Service life: 219 months (18.3 years, only Goodrich lots)**
d. Rocket motor WUC: 97EAJ
e. One per F-16A, two per F-16B.

Lot No.	Lot quantity	F-16A	F-16B	Total units installed	Service-life expiration date
UPC96G001-072[5]	18	10	8	18	October 2014
UPC96K001-024[5]	5	0	0	0	December 2015
Total installed:		10	8		
Grand total installed:				18	

ILS Notes:

1. Quantity per lot reported installed in CAD/PAD Traceability System (CATS).
2. No lots have expired since the last publication of this report.
3. The next lot scheduled to expire will expire in October 2014.
4. If any conventional ordnance deficiencies on the F-16A/B aircraft have been reported on the MD99, that information is provided in Table V.
5. Goodrich lots only use a service life of 219 months (18.3 years)

6. Rocket Divergence

   a. NSN: 1377-01-255-1650
   b. DODIC: MT32
   c. Service life: 120 months (10 years)
   d. Rocket motor WUC: 97EAA
   e. One per F-16A, two per F-16B.

Lot No.	Lot quantity	F-16A	F-16B	Total units installed	Service-life expiration date
TAC01B001-032	18	10	8	18	February 2011
TAC01L001-035	12	0	0	0	November 2011
TAC06E001-044	11	0	0	0	May 2016
Total installed:		10	8		
Grand total installed:				18	

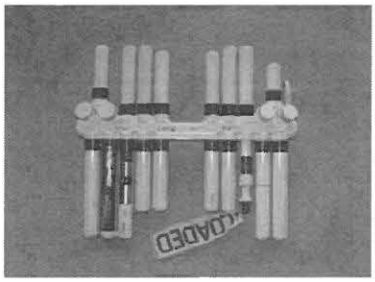
ILS Notes:

1. Quantity per lot reported installed in CAD/PAD Traceability System (CATS).
2. No lots have expired since the last publication of this report.
3. The next lot scheduled to expire will expire in February 2011.
4. If any conventional ordnance deficiencies on the F-16A/B aircraft have been reported on the MT32, that information is provided in Table V.

FA-18/A/B/C/D AIRCRAFT

Martin-Baker SJU-5/A Ejection Seat F-18 and Rear Seat of F/A-18 B/D and SJU-6/A Ejection Seat (Front Seat of F/A-18 B/D)

1. Rocket Motor Mk 100 Mod 0



   a. NSN: 1377-01-039-2927
   b. DODIC: MD68
   c. Service life: 216 months (18 years)
   d. Rocket motor WUC: 97D38
   e. One per F/A-18 A/C and one per F/A-18 B/D (rear seat only).

Lot No.	Lot quantity	FA-18A	FA-18B	FA-18C	FA-18D	Total units installed	Service-life expiration date
MBA89B001-032	128	14	2	2	0	18	January 2007
MBA89B001-032	66	1	0	0	0	1	February 2007
MBA89F001-034	9	0	0	6	3	9	June 2007
MBA91B001-038	66	20	4	5	1	30	February 2009
MBA93C002-040	182	46	11	16	7	80	March 2011
MBA94C003-041	46	9	3	16	5	33	March 2012
MBA96L003-047	47	11	0	20	4	35	November 2014
MBA99M003-050	7	0	0	5	1	6	December 2017
MBA02A002-055	75	9	4	40	13	66	January 2020
MBA05C004-059	175	11	5	21	13	50	March 2020
Total installed:		121	29	131	47		
Grand total installed:						328	

ILS Notes:

1. Quantity per lot reported installed in CAD/PAD Traceability System (CATS).

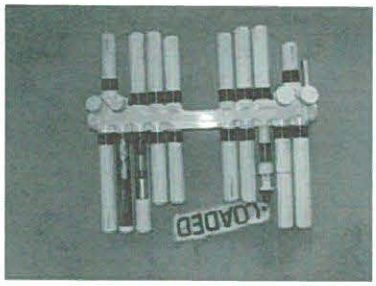
2. **The following lots have expired since the last publication of this report:**

   MBA88G001-027 July 2006
   MBA88G001-029 July 2006
   MBA88G001-031 July 2006

3. **The next lots scheduled to expire will expire in January 2007.**

4. If any conventional ordnance deficiencies on the FA-18 aircraft have been reported on the Mk 100 Mod 0 (MD68), that information is provided in Table V.

2. Rocket Motor Mk 101 Mod 0



   a. NSN: 1377-01-039-2928
   b. DODIC: MD69
   c. Service life: 216 months (18 years)
   d. Rocket motor WUC: 97D3A
   e. One per F/A-18 (front seat only).

Lot No.	Lot Quantity	FA-18B	FA-18D	Total units installed	Service-life expiration date
MBA89A001-033	25	1	0	1	January 2007
MBA89B001-032	30	1	4	5	February 2007
MBA91B001-038	17	8	2	10	February 2009
MBA93C002-040	23	3	1	4	March 2011
MBA94C003-041	33	11	18	29	March 2012
MBA96L003-047	47	1	0	1	November 2015
MBA99M003-050	15	0	0	0	December 2017
MBA02A002-055	15	0	14	14	January 2020
MBA05C004-059	35	4	12	16	January 2020
Total installed:		29	51		
Grand total installed:				80	

ILS Notes:

1. Quantity per lot reported installed in CAD/PAD Traceability System (CATS).

2. **The following lots have expired since the last publication of this report:**
   MBA88G001-029 July 2006

3. **The next lots scheduled to expire will expire in January 2007.**

4. If any conventional ordnance deficiencies on the F-18 aircraft have been reported on the Mk 101 Mod 0 (MD69), that information is provided in Table V.

3. Rocket Motor Mk 109 Mod 0 and Mod 1

   a. NSN: 1377-01-101-1443 (Mod 0), 1377-01-454-9321 (Mod 1)
   b. DODIC: MF56 (Mod 0), SS67 (Mod 1)
   c. Service life: 132 months (11 years)
   d. Rocket motor WUC: 97D47
   e. Two per F/A-18
   f. For non-NACES FA-18 aircraft.

Lot No.	Lot quantity	FA-18A	FA-18B	FA-18C	FA-18D	Total units installed	Service-life expiration date
UPC96B001-048	48	4	0	14	0	18	February 2007
UPC96C001-049	8	0	0	0	0	0	March 2007
UPC96G001-050	195	21	0	28	20	69	July 2007
UPC96E001-051	18	0	0	0	0	0	May 2007
UPC97B001-053	18	0	0	0	0	0	February 2008
UPC97G001-054	14	0	0	0	0	0	July 2008
UPC97G001-055	6	0	0	0	0	0	July 2008
UPC98B001-056	58	0	0	0	0	0	February 2009
UPC99B001-057	250	0	0	0	0	0	February 2010
Total installed MOD 0:		**25**	**0**	**42**	**20**	**87**	
IH-98D001-001[1]	57	10	4	19	10	43	April 2009
TAC99D001-001[1]	2	2	0	0	0	2	April 2010
TAC99D001-002[1]	250	58	10	36	20	124	April 2010
TAC00A001-003[1]	273	34	8	51	7	100	January 2011
TAC01H001-005[1]	109	4	4	7	6	21	August 2012
TAC01K001-006[1]	121	33	6	5	3	47	October 2012
TAC01M001-007[1]	2	0	0	0	0	0	December 2012
TAC02K001-008[1]	97	6	0	10	7	23	March 2013
TAC02M002-001[1]	337	49	20	12	4	85	December 2013
TAC03C001-009[1]	39	7	0	3	0	10	March 2014
TAC03M001-010[1]	361	12	2	14	0	28	December 2014
UCO01F001-001[1]	86	2	0	2	0	4	June 2012
TAC04C001-013	251	2	4	18	11	35	March 2015
UPC05C001-002[1]	381	0	0	0	0	0	March 2016
UCO05D002-007	118	0	0	0	0	0	April 2016
UCO05G002-008	239	0	0	0	0	0	July 2016
TAC06L001-016	84	0	0	0	0	0	November 2017
Installed: MOD 1		219	58	177	68	522	
Installed: MOD 0		**25**	**0**	**42**	**20**	**87**	
Overall total:		**244**	**58**	**219**	**88**	**609**	

ILS Notes:

1. **IHDIV/NSWC has qualified and released a Mk 109 Mod 1 (SS67) Canopy Jettison Rocket Motor (CJRM). This new unit can be used in all applications in which the Mod 0 unit is currently used. The Mod 1 is a one-for-one exchange with the Mk 109 Mod 0 (MF56) unit. Mod 0 units will still be issued until stock is exhausted.**

2. Quantity per lot reported installed in CAD/PAD Traceability System (CATS).

3. **The following lots have expired since the last publication of this report:**

UPC95G001-045	**July 2006**
UPC95H001-046	**August 2006**
UPC95L001-047	**November 2006**

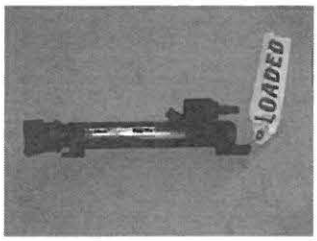
4. **The next lots scheduled to expire will expire in February 2007.**

5. If any conventional ordnance deficiencies on the F-18 aircraft have been reported on the Mk 109 Mod 0/1 (MF56/SS67), that information is provided in Table V.

FA-18C/D/E/F AIRCRAFT

SJU-17/(V)2/A F/A-18D (Forward Seat) and SJU-17/(V)1/A F/A-18C/D (Aft Seat)

1. Parachute Deployment Rocket Motor Mk 122 Mod 0



   a. NSN: 1377-01-246-5279
   b. DODIC: MT29
   c. Service life: 120 months (10 years)
   d. Rocket motor WUC: 97D4A
   e. One per aircraft F/A-18C, E, two per aircraft F/A-18E, F (pilot and copilot).

Lot No.	Lot quantity	FA-18B	FA-18C	FA-18D	FA-18E	FA-18F	Total units installed	Service-life expiration date
MBA98J004-014	300	0	69	42	6	17	134	September 2008
MBA99J004-016	206	0	52	34	15	37	138	September 2009
MBA00F004-017	257	0	37	29	22	54	142	June 2010
MBA05J005-020	296	0	0	0	0	0	0	September 2015
UPC01E005-001	271	0	41	50	31	69	191	May 2011
UPC01E005-002	328	2	40	18	24	70	154	May 2011
UPC01E005-003	242	0	0	0	20	64	84	May 2011
UPC04H005-004A	242	0	0	0	5	19	24	Aug 2014
Total installed:		2	239	173	123	330		
Grand total installed:							867	

ILS Notes:

1. Quantity per lot reported installed in CAD/PAD Traceability System (CATS).
2. No lots have expired since the last publication of this report.
3. The next lot scheduled to expire will expire in September 2008.
4. If any conventional ordnance deficiencies on the F-18 aircraft have been reported on the Mk 122 Mod 0 (MT29), that information is provided in Table V.

2. **Underseat Rocket Motor Mk 123 Mod 0**

a. NSN: 1377-01-246-5280
b. DODIC: MT30
c. **Service life: 204 months (17 years)**
d. Rocket motor WUC: 97D4B
e. One per F/A-18D and F aircraft (pilot).

Lot No.	Lot quantity	FA-18D	FA-18F	Total units installed	Service-life expiration date
MBA91J001-009	21	2	0	2	September 2008
UPC91K001H002A	14	1	0	1	October 2008
MBA92C001-010	10	0	0	0	March 2009
UPC93E002H005	27	7	0	7	May 2010
MBA93F002-011	54	15	0	15	June 2010
UPC94B003H006	80	27	11	38	February 2011
MBA95C003-012	236	18	0	18	March 2012
MBA96C003-013	71	4	3	7	March 2013
MBA97G003-014	33	10	7	17	July 2014
MBA98J003-017	33	6	7	13	September 2015
MBA99H003-019	53	0	25	25	August 2016
MBA01A003-020	47	0	26	26	January 2018
UPC01E004-001A	26	0	5	5	January 2018
MBA01E003-024	**277**	**0**	**36**	**36**	**May 2018**
MBA01F005-025	**46**	**0**	**30**	**30**	**June 2018**
MBA04F004-027	**27**	**0**	**15**	**15**	**June 2021**
MBA05K004-028	**58**	**0**	**0**	**0**	**October 2022**
Total installed:		90	165		
Grand total installed:				255	

ILS Notes:

Quantity per lot reported installed in CAD/PAD Traceability System (CATS).

1. No lots have expired since the last publication of this report.

2. The next lot scheduled to expire will expire in September 2008.

3. **The service life on this unit has been increased from 192 months (16 years) to 204 months (17 years) IAW NAVAIR 11-100-1.1 WEB Version dated 8 January 2007.**

4. If any conventional ordnance deficiencies on the F-18 aircraft have been reported on the Mk 123 Mod 0 (MT30), that information is provided in Table V.

3. Underseat Rocket Motor Mk 124 Mod 0

a. NSN: 1377-01-246-5281
b. DODIC: MT31
c. **Service life: 204 months (17 years)**
d. Rocket motor WUC: 97D48
e. One per F/A-18D, and F aircraft (copilot), one per F/A-18C, E aircraft (pilot).

Lot No.	Lot quantity	FA-18B	FA-18C	FA-18D	FA-18E	FA-18F	Total units installed	Service-life expiration Date
MBA91J001-009	34	0	2	1	0	0	3	September 2008
UPC91K001H002A	29	0	2	3	0	0	5	October 2008
UPC91K001H003	6	0	0	0	0	0	0	October 2008
MBA92C001-010	27	0	3	1	0	0	4	March 2009
UPC93D002H004	62	0	9	4	0	0	13	April 2010
MBA93F002-011	104	0	53	8	0	1	62	June 2010
UPC94C002H005	142	0	64	35	0	0	99	March 2011
MBA95C003-012	165	0	80	12	11	13	116	March 2012
MBA96C003-013	71	0	6	4	0	2	12	March 2013
MBA97G003-014	70	0	10	13	11	13	47	July 2014
MBA98J003-017	66	0	2	7	6	8	23	September 2015
MBA99H003-019	84	0	2	0	23	20	45	August 2016
MBA01A003-020	76	0	0	1	21	28	50	January 2018
UPC01E004-001A	36	0	0	0	7	11	18	January 2018
MBA01E03-024	95	0	0	0	8	21	29	May 2018
MBA01F003-025	97	2	0	0	26	34	62	June 2018
MBA04F004-027	97	0	0	0	0	15	15	June 2018
UPC01E005-002	50	0	1	0	0	0	1	May 2018
MBA04F004-027	103	0	0	0	0	0	0	June 2021
MBA05K004-028	87	0	0	0	0	0	0	October 2022
Total installed:		2	234	89	113	166		
Grand total installed:							604	

ILS Notes:

1. Quantity per lot reported installed in CAD/PAD Traceability System (CATS).
2. No lots have expired since the last publication of this report.
3. The next lots scheduled to expire will expire in September 2008.
4. **The service life on this unit has been increased from 192 months (16 years) to 204 months (17 years) IAW NAVAIR 11-100-1.1 WEB Version dated 8 January 2007.**
5. If any conventional ordnance deficiencies on the F-18 aircraft have been reported on the Mk 124 Mod 0 (MT31), that information is provided in Table V.

4. Rocket Motor Mk 109 Mod 0 and Mod 1

   a. NSN: 1377-01-101-1443 (Mod 0), 1377-01-454-9321 (Mod 1)
   b. DODIC: MF56 (Mod 0), SS67 (Mod 1)
   c. Service life: 132 months (11 years)
   d. Rocket motor WUC: 97D47
   e. Two per F/A-18
   f. For NACES FA-18 Aircraft.

Lot No.	Lot quantity	FA-18B	FA-18C	FA-18D	FA-18E	FA-18F	Total units installed	Service-life expiration date
UPC96B001-048	48	0	0	0	0	0	0	February 2007
UPC96C001-049	8	0	2	0	1	2	5	March 2007
UPC96G001-050	195	0	8	2	22	25	57	July 2007
UPC96E001-051	18	0	5	0	0	0	5	May 2007
UPC97B001-053	18	0	6	2	2	0	10	February 2008
UPC97G001-054	14	0	7	7	0	0	14	July 2008
UPC97G001-055	6	0	3	0	0	0	3	July 2008
UPC98B001-056	58		2	16	18	14	50	February 2009
UPC99B01-057	57	0	0	10	10	16	36	February 2010
Total installed:		0	33	37	53	57	180	
TAC99D001-002[1]	250	0	25	14	14	16	69	April 2010
IH-98D001-001[1]	57	0	2	0	0	0	2	April 2009
TAC00A001-003[1]	273	0	64	20	23	33	140	January 2011
TAC01H001-005[1]	109	0	42	14	8	10	74	August 2012
TAC01K001-006[1]	121	0	23	3	13	27	66	October 2012
TAC01M001-007[1]	2	0	0	0	0	0	0	December 2012
TAC02K001-008[1]	85	0	12	6	28	18	64	March 2013
TAC02M001-001[1]	337	2	99	28	15	15	159	December 2013
TAC03M001-009[1]	39	0	12	10	0	1	23	December 2014
TAC03M001-010[1]	361	0	139	34	10	32	215	December 2014
TAC04C001-013[1]	241	0	17	4	38	66	125	March 2015
TAC05H001-014	28	0	0	0	8	20	28	August 2016
UCO01F001-001	86	0	0	4	36	35	75	June 2012
UPC05C001-002[1]	381	0	0	0	0	0	0	March 2016
UCO05D002-007	118	0	0	0	0	0	0	April 2016
UCO05G002-008	239	0	0	0	0	0	0	July 2016
TAC06L001-016	84	0	0	0	0	0	0	November 2017
Installed: MOD 1		2	435	137	193	273	1040	
Installed: MOD 0			0	33	37	52	180	
Overall total:			485	170	230	325	**1220**	

ILS Notes:

1. **IHDIV/NSWC has qualified and released a Mk 109 Mod 1 (SS67) Canopy Jettison Rocket Motor. This new unit can be used in all applications in which the Mod 0 unit is currently used. The Mod 1 is a one-for-one exchange with the Mk 109 Mod 0 (MF56) unit. Mod 0 units will still be issued until stock is exhausted.**

2. Quantity per lot reported installed in CAD/PAD Traceability System (CATS).

3. **The following lots have expired since the last publication of this report:**

UPC95G001-045	**July 2006**
UPC95H001-046	**August 2006**
UPC95L001-047	**November 2006**

4. **The next lot scheduled to expire will expire in February 2007.**

5. If any conventional ordnance deficiencies on the F-18 aircraft have been reported on the Mk 109 Mod 0/1 (MF56/SS67), that information is provided in Table V.

OV-10A AIRCRAFT

North American LW-3B Ejection Seats

1. Rocket Catapult Mk 12 Mod 1

   a. NSN: 1377-00-276-2364
   b. DODIC: MC77
   c. Service life: 120 months (10 years)
   d. Rocket motor WUC: 97D3D
   e. Two per aircraft.

Lot No.	Lot Quantity	OV-10A	Total units installed	Service-life expiration date
IHM99F002-018	9	0	0	June 2009
IH00C002-009	14	10	10	March 2010
IHM02B002-010	21	8	8	February 2012
Total installed:		18		
Grand total installed:			18	

ILS Notes:

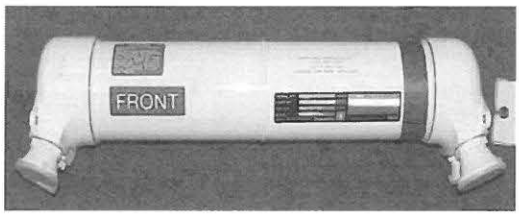
1. Quantity per lot reported installed in CAD/PAD Traceability System (CATS).
2. **The following lots have expired since the last publication of this report:**
   IH-96K001-007 October 2006
3. The next lot scheduled to expire will expire in June 2009.
4. If any conventional ordnance deficiencies on the OV-10 aircraft have been reported on the Mk 12 Mod 1 (MC77), that information is provided in Table V.

Navy T-6A AIRCRAFT

US16LA-1 (Forward Seat) and US16LA-2 (Aft Seat)

1. Underseat Rocket Motor Mk 137 Mod 0

   a. NSN: 1377-99-2607
   b. DODIC: JL58
   c. Service life: 84 months (7 years)
   d. Rocket motor WUC: 97S1D
   e. One per aircraft T-6A (Fwd Seat).



Lot No.	Lot quantity	T-6A	Total units installed	Service-life expiration date
MBA00K001-025	2	2	2	October 2007
MBA01G001-027	10	10	10	July 2008
MBA01G001-031	1	1	1	July 2008
MBA01K001-029	2	2	2	October 2008
MBA01K001-033	4	4	4	October 2008
MBA01K001-034	3	3	3	October 2008
MBA01K001-035	5	5	5	October 2008
MBA01K001-036	6	6	6	October 2008
MBA01K001-038	2	2	2	October 2008
MBA02J001-039	1	1	1	September 2009
MBA03C001-040	2	2	2	March 2010
MBA03F001-042	4	3	3	June 2010
MBA03F001-043	1	1	1	June 2010
MBA03J001-045	2	2	2	September 2010
MBA03F001-048	2	2	2	June 2010
MBA04E001-049	1	1	1	May 2011
MBA05H001-058	2	2	2	August 2012
Total installed:		49		
Grand total installed:			49	

ILS Notes:

1. Quantity per lot reported installed in CAD/PAD Traceability System (CATS).
2. No lots have expired since the last publication of this report.
3. The next lot scheduled to expire will expire in October 2007.
4. If any conventional ordnance deficiencies on the T-6A aircraft have been reported on the Mk 137 Mod 0 (JL58), that information is provided in Table V.

2. Underseat Rocket Motor Mk 138 Mod 0

a. NSN: 1377-01-246-5280
b. DODIC: JL59
c. Service life: 84 months (7 years)
d. Rocket motor WUC: 97S1E
e. One per T-6A aircraft (Aft Seat).

Lot No.	Lot quantity	T-6A	Total units installed	Service-life expiration date
MBA00K001-022	2	0	0	October 2007
MBA01G001-028	10	10	10	July 2008
MBA01K001-029	2	2	2	October 2008
MBA01K001-032	2	2	2	October 2008
MBA01K001-033	4	4	4	October 2008
MBA01K001-034	5	7	7	October 2008
MBA01K001-035	3	3	3	October 2008
MBA01K001-037	5	5	5	October 2008
MBA01K001-038	1	1	1	October 2008
MBA02J001-039	1	1	1	September 2009
MBA03C001-040	2	2	2	March 2010
MBA03C001-041	1	1	1	March 2010
MBA03F001-042	1	1	1	June 2010
MBA03F001-043	3	3	3	June 2010
MBA03F001-046	4	4	4	June 2010
MBA04K001-056	1	1	1	October 2011
MBA05H001-058	2	2	2	August 2012
Total installed:		49		
Grand total installed:			49	

ILS Notes:

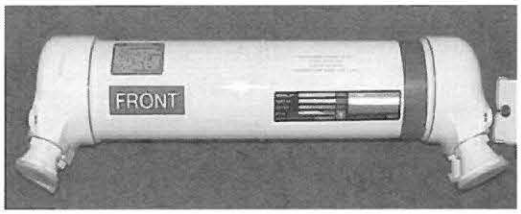
1. Quantity per lot reported installed in CAD/PAD Traceability System (CATS).
2. No lots have expired since the last publication of this report.
3. The next lot scheduled to expire will expire in October 2007.
4. If any conventional ordnance deficiencies on the T-6A aircraft have been reported on the Mk 138 Mod 0 (JL59), that information is provided in Table V.

Air Force T-6A AIRCRAFT

US16LA-1 (Forward Seat) and US16LA-2 (Aft Seat)

1. Underseat Rocket Motor Mk 137 Mod 0

   a. NSN: 1377-99-2607
   b. DODIC: JL58
   c. Service life: 84 months (7 years)
   d. One per aircraft T-6A (Fwd Seat).



Lot No.	Lot quantity	T-6A	Total units installed	Service-life expiration date
MBA00K001-017	2	2	2	October 2007
MBA00K001-018	4	4	4	October 2007
MBA00K001-019	9	9	9	October 2007
MBA00K001-020	6	6	6	October 2007
MBA00K001-021	4	4	4	October 2007
MBA00K001-022	5	5	5	October 2007
MBA00K001-023	1	1	1	October 2007
MBA00K001-024	8	8	8	October 2007
MBA00K001-025	9	9	9	October 2007
MBA00K001-026	3	3	3	October 2007
MBA01G001-027	7	7	7	July 2008
MBA01G001-031	6	6	6	July 2008
MBA01K001-029	2	2	2	October 2008
MBA01K001-033	1	1	1	October 2008
MBA01K001-034	9	9	9	October 2008
MBA01K001-035	7	7	7	October 2008
MBA01K001-036	7	7	7	October 2008
MBA01K001-038	2	2	2	October 2008
MBA02J001-039	3	3	3	September 2009
MBA03C001-040	11	11	11	March 2010
MBA03C001-041	9	9	9	March 2010
MBA03F001-042	12	12	12	June 2010
MBA03F001-043	9	9	9	June 2010
MBA03F001-044	10	10	10	June 2010
MBA03J001-045	11	11	11	September 2010
MBA03F001-046	12	12	12	June 2010
MBA03F001-048	2	2	2	June 2010
MBA04E001-049	12	12	12	May 2011
MBA04E001-051	11	11	11	May 2011
MBA04E001-052	7	7	7	May 2011

MBA04H001-058	1	1	1	August 2012
MBA04K001-053	1	1	1	October 2011
MBA04K001-056	6	6	6	October 2011
MBA04K001-057	12	12	12	October 2011
MBA04K001-059	5	5	5	October 2011
MBA04K001-060	7	7	7	October 2011
MBA04K001-061	8	8	8	October 2011
MBA05H001-062	9	9	9	August 2012
MBA05H001-063	2	2	2	August 2012
Total installed:		252		
Grand total installed:			252	

ILS Notes:

1. Quantity per lot reported installed in CAD/PAD Traceability System (CATS).
2. No lots have expired since the last publication of this report.
3. The next lot scheduled to expire will expire in October 2007.
4. If any conventional ordnance deficiencies on the T-6A aircraft have been reported on the Mk 137 Mod 0 (JL58), that information is provided in Table V.

2. Underseat Rocket Motor Mk 138 Mod 0

   a. NSN: 1377-01-246-5280
   b. DODIC: JL59
   c. Service life: 84 months (7 years)
   d. One per T-6A aircraft (Aft Seat).

Lot No.	Lot quantity	T-6A	Total units installed	Service-life expiration date
MBA00K001-017	2	2	2	October 2007
MBA00K001-018	4	4	4	October 2007
MBA00K001-019	9	9	9	October 2007
MBA00K001-020	7	7	7	October 2007
MBA00K001-021	6	6	6	October 2007
MBA00K001-022	6	6	6	October 2007
MBA00K001-024	6	6	6	October 2007
MBA00K001-025	7	7	7	October 2007
MBA00K001-026	3	3	3	October 2007
MBA01G001-027	7	7	7	July 2008
MBA01F001-028	6	6	6	July 2008
MBA01G001-031	1	1	1	July 2008
MBA01K001-029	3	3	3	October 2008
MBA01K001-032	5	5	5	October 2008
MBA01K001-033	3	3	3	October 2008
MBA01K001-034	8	8	8	October 2008
MBA01K001-035	7	7	7	October 2008
MBA01K001-036	7	7	7	October 2008
MBA01K001-037	7	7	7	October 2008
MBA01K001-038	3	3	3	October 2008
MBA02J001-039	2	2	2	September 2009
MBA03C001-040	10	10	10	March 2010
MBA03C001-041	9	9	9	March 2010
MBA03F001-042	9	9	9	June 2010
MBA03F001-043	9	9	9	June 2010
MBA03F001-044	11	11	11	June 2010
MBA03J001-045	12	12	12	September 2010
MBA03F001-046	9	9	9	June 2010
MBA03J001-047	4	4	4	September 2010
MBA03F001-048	4	4	4	June 2010
MBA04E001-049	13	13	13	May 2011
MBA04E001-051	11	11	11	May 2011
MBA04E001-052	7	7	7	May 2011
MBA04K001-053	1	1	1	October 2011
MBA04E001-055	3	3	3	May 2014
MBA04K001-056	6	6	6	October 2011
MBA04K001-057	12	12	12	October 2011

MBA04K001-059	4	4	4	October 2011
MBA04K001-060	9	9	9	October 2011
MBA04K001-061	13	13	13	October 2011
MBA05H001-062	9	9	9	August 2012
MBA05H001-063	4	4	4	August 2012
Total installed:		278		
Grand total installed:			278	

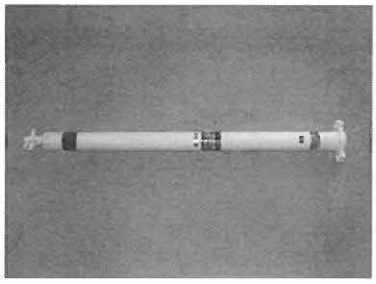
ILS Notes:

1. Quantity per lot reported installed in CAD/PAD Traceability System (CATS).
2. No lots have expired since the last publication of this report.
3. The next lot scheduled to expire will expire in October 2007.
4. If any conventional ordnance deficiencies on the T-6A aircraft have been reported on the Mk 138 Mod 0 (JL59), that information is provided in Table V.

S-3B AIRCRAFT

Douglas ESCAPAC 1E-1 Ejection Seats

1. Rocket Catapult Mk 16 Mod 1



   a. NSN: 1377-01-040-9324
   b. DODIC: MD72
   c. Service life: 156 months (13 years)
   d. Rocket motor WUC: 97D44
   e. Four per aircraft.

Lot No.	Lot quantity	S-3B	Total units installed	Service-life expiration date
UPC97B001-032	7	0	0	February 2010
UPC99J001-034	173	40	40	September 2012
UPC99L001-035	183	36	36	November 2012
UPC02C001-036	193	40	40	March 2015
UPC03B001-037	151	0	0	February 2016
Total installed:		116		
Grand total installed:			116	

ILS Notes:

1. Quantity per lot reported installed in CAD/PAD Traceability System (CATS).
2. No lots have expired since the last publication of this report.
3. **The next lot scheduled to expire will expire in February 2010.**
4. If any conventional ordnance deficiencies on the S-3B aircraft have been reported on the Mk 16 Mod 1 (MD72), that information is provided in Table V.

2. Rocket Motor Mk 82 Mod 0/1 (Man/Seat Separator, Left)

   a. NSN: Mod 0 1377-00-119-2022/Mod 1 1377-01-412-6530
   b. DODIC: M928/MU76
   c. Service life: Mod 0: 192 months (16 years); Mod 1: 84 months (7 years)
   d. Rocket motor WUC: Mod 0 97D11/Mod 1 97D12
   e. Two per aircraft (copilot/TACCO).

Lot No.	Lot quantity	S-3B	Total Units Installed	Service-life expiration date
UPC93B001-021	391	49	49	February 2009
UPC94C001-022	25	3	3	March 2010
UPC00E001-004[1]	90	2	2	May 2007
IHM00B002-006[1]	14	4	4	February 2007
Total installed:		58		
Grand total installed:			58	

ILS Notes:

1. **These lots of Mk 82 Mod 1 Man/Seat Separator Rocket Motors can be used in all applications in which the Mod 0 unit is currently being used. The Mod 1 is a one-for-one exchange with the Mk 82 Mod 0 (M928) unit. Mod 0 units will still be issued until stock is exhausted.**

2. Quantity per lot reported installed in CAD/PAD Traceability System (CATS).

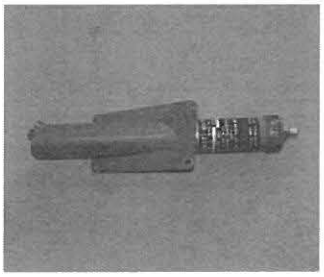
3. **IHDIV/NSWC has changed its manufacturer's identification symbol from IH to IHM.**

4. **The following lot have expired since the last publication of this report:**
   UPC99F001-003A June 2006

5. **The next lot scheduled to expire will expire in May 2007.**

6. If any conventional ordnance deficiencies on the S-3B aircraft have been reported on the Mk 82 Mod 0 (M928), that information is provided in Table V.

3. Rocket Motor Mk 90 Mod 1 (Man/Seat Separator, Right)



   a. NSN: Mod 1 1377-01-412-6462
   b. DODIC: MU75
   c. Service life: Mod 1: 84 months (7 years)
   d. Rocket motor WUC: Mod 1 97D3S
   e. Two per aircraft (Pilot/SENSO).

Lot No.	Lot quantity	S-3B	Total units installed	Service-life expiration date
IHM00B002-006[1]	110	16	16	February 2007
UPC00E001-002	22	4	4	May 2007
UPC04G001-004	34	34	34	July 2011
UPC04L001-005	50	6	6	November 2011
IHM05C002-007	105	0	0	March 2012
Total installed:		60		
Grand total installed:			60	

ILS Notes:

1. IHDIV/NSWC has changed its manufacturer's identification symbol from IH to IHM.

2. Quantity per lot reported installed in CAD/PAD Traceability System (CATS).

3. **The following lot have expired since the last publication of this report:**
   IH-99H001-005 August 2006

4. The next lot scheduled to expire will expire in February 2007.

5. If any conventional ordnance deficiencies on the S-3B aircraft have been reported on the Mk 90 Mod 1 (MU75), that information is provided in Table V.

4. Rocket Motor Mk 83 Mod 0 (Low Yaw Thruster)

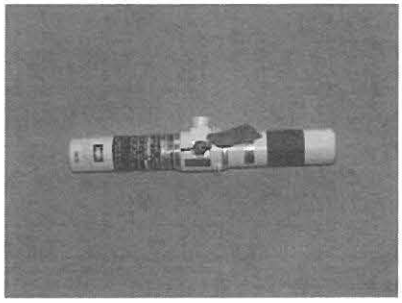
   a. NSN: 1377-00-119-2031
   b. DODIC: M929
   c. Service life: 84 months (7 years)
   d. Rocket motor WUC: 97D31
   e. Two per aircraft (pilot/copilot).

Lot No.	Lot Quantity	S-3B	Total units installed	Service-life expiration date
ESD00B001-001[1]	105	14	14	February 2007
ESD00H001-002[1]	122	33	33	August 2007
UPC02L002-015	98	13	13	November 2009
Total installed:		60		
Grand total installed:			60	

ILS Notes:

1. Quantity per lot reported installed in CAD/PAD Traceability System (CATS).
2. No lots have expired since the last publication of this report.
3. The next lot scheduled to expire will expire in February 2007.
4. If any conventional ordnance deficiencies on the S-3B aircraft have been reported on the Mk 83 Mod 0 (M929), that information is provided in Table V.

5. Rocket Motor Mk 84 Mod 2 (Vernier)



   a. NSN: 1377-01-199-8315
   b. DODIC: MF57
   c. Service life: 156 months (13 years)
   d. Rocket motor WUC: 97D3L
   e. Four per aircraft.

Lot No.	Lot quantity	S-3B	Total units installed	Service-life expiration Date
TAC95J001-007A	86	28	28	September 2008
TAC96H001-001A	286	76	76	August 2009
TAC00K001-008	96	4	4	October 2013
TAC01G001-009	96	4	4	July 2014
IHM05C002-007	105	0	0	March 2012
Total installed:		112		
Grand total installed:			112	

ILS Notes:

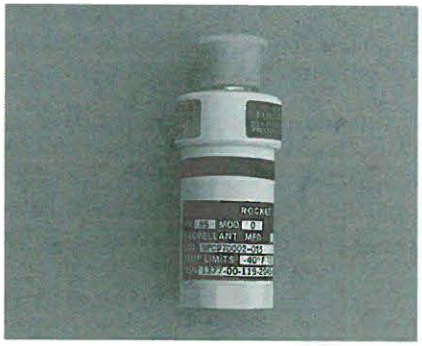
1. Quantity per lot reported installed in CAD/PAD Traceability System (CATS).

2. **The following lot have expired since the last publication of this report:**
   TAC-93L001-006 November 2006

3. The next lot scheduled to expire will expire in September 2008.

4. We have not received any information on Mk 84 Mod 2 (MF57) conventional ordnance deficiencies on the S-3B aircraft.

6. Rocket Motor Mk 85 Mod 0 (High Yaw Thruster)



a. NSN: 1377-00-119-2045
b. DODIC: M932
c. Service life: 84 months (7 years)
d. Rocket motor WUC: 97D43
e. Two per aircraft (SENSO/TACCO).

Lot No.	Lot quantity	S-3B	Total units installed	Service-life expiration date
ESD00K001-002	121	19	19	October 2007
ESD01F001-003A	131	10	10	June 2008
UPC02L002-016	89	5	5	November 2009
Total installed:		34		
Grand total installed:			34	

ILS Notes:

1. Quantity per lot reported installed in CAD/PAD Traceability System (CATS).

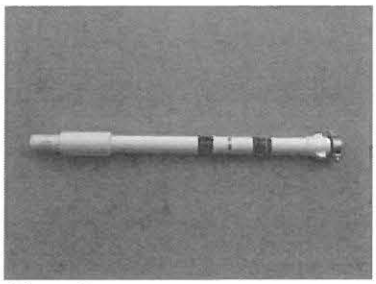
2. **The following lot has expired since the last publication of this report:**
   ESD-99M001-001 December 2006

3. The next lot scheduled to expire will expire in October 2007.

4. If any conventional ordnance deficiencies on the S-3B aircraft have been reported on the Mk 85 Mod 0 (M932), that information is provided in Table V.

T-2C SERIES AIRCRAFT

North American LS-1A Ejection Seats



1. Rocket Catapult Mk 18 Mod 0

   a. NSN: 1377-00-250-0206
   b. DODIC: M941
   c. Service life: 120 months (10 years)
   d. Two per aircraft
   e. Rocket motor WUC: 97D1F
   f. This device also can be utilized in the LS-1 configuration seat, if installed in pairs.

Lot No.	Lot quantity	T-2C	Total units installed	Service-life expiration Date
IH-99F002-018	46	38	38	June 2009
IH-00C002-019	31	2	2	March 2012
IHM02B002-020	12	0	0	February 2012
TAC06F001-002	19	0	0	June 2016
Total installed:		40		
Grand total installed:			40	

ILS Notes:

1. Quantity per lot reported installed in CAD/PAD Traceability System (CATS).

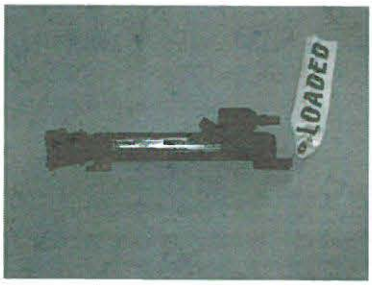
2. **The following lot have expired since the last publication of this report:**
   IH-96K001-016 October 2006
   IH-96K001-016 October 2006

3. The next lot scheduled to expire will expire in June 2009.

4. We have not received any conventional ordnance deficiencies (CODRs) on Mk 18 Mod 0 (M941) used on the S-3B aircraft. For past CODRs see Table V.

T-45A/C AIRCRAFT

SJU-17/(V)5/A (Forward Seat)
SJU-17/(V)6/A (Aft Seat)



1. Parachute Deployment Rocket Motor Mk 122 Mod 0
   a. NSN: 1377-01-246-5279
   b. DODIC: MT29
   c. Service life: 120 months (10 years)
   d. Rocket motor WUC: 97D4A
   e. Two per aircraft.

Lot No.	Lot quantity	T-45A	T-45C	Total units installed	Service-life expiration date
MBA98J004-014	300	50	32	82	September 2008
MBA99J004-016	206	15	29	44	September 2009
MBA00F004-017	257	15	47	62	June 2010
MBA05J005-020	296	0	0	0	June 2015
UPC01E005-001	271	40	58	98	May 2011
UPC01E005-002	328	18	49	67	May 2011
UPC01E005-003	242	1	14	15	May 2011
UPC04H005-004A	242	0	0	0	August 2014
Total installed:		139	229		
Grand total installed:				368	

ILS Notes:

1. Quantity per lot reported installed in CAD/PAD Traceability System (CATS).
2. No lots have expired since the last publication of this report.
3. The next lot scheduled to expire will expire in September 2008.
4. We have not received any conventional ordnance deficiencies (CODRs) on Mk 122 Mod 0 (MT29) used on the T-45 aircraft. For past CODRs see Table V.

2. Underseat Rocket Motor Mk 123 Mod 0

a. NSN: 1377-01-246-5280
b. DODIC: MT30
c. **Service life: 204 months (17 years)**
d. Rocket motor WUC: 97D4B
e. One per aircraft (Pilot seat).

Lot No.	Lot quantity	T-45A	T-45C	Total units installed	Service-life expiration Date
MBA91J001-009	21	1	0	1	September 2008
UPC91K001H002A	14	1	0	1	October 2008
MBA92C001-010	10	4	0	4	March 2009
UPC93E002H005	27	2	0	2	May 2010
MBA93F002-011	54	27	4	31	June 2010
UPC94B003H006	80	22	9	31	February 2011
MBA95C003-012	236	11	7	18	March 2012
MBA96C003-013	71	0	6	6	March 2013
MBA97G003-014	33	2	13	15	July 2014
MBA98J003-017	33	0	9	9	September 2015
MBA99H003-019	53	0	18	18	September 2016
MBA01A003-020	47	0	17	17	January 2018
UPC01E004-001A	26	0	3	3	May 2018
MBA01E003-024	**277**	**0**	**14**	**14**	**May 2018**
MBA01F003-025	**46**	**0**	**7**	**7**	**June 2018**
MBA04F004-027	**27**	**0**	**7**	**7**	**June 2021**
MBA05K004-028	**58**	**0**	**0**	**0**	**October 2022**
Total installed:		70	114		
Grand total installed:				184	

ILS Notes:

1. Quantity per lot reported installed in CAD/PAD Traceability System (CATS).

2. No lots have expired since the last publication of this report.

3. The next lot scheduled to expire will expire in September 2008.

4. **The service life on this unit has been increased from 192 months (16 years) to 204 months (17 years) IAW NAVAIR 11-100-1.1 WEB Version dated 8 January 2007.**

5. We have not received any conventional ordnance deficiencies (CODRs) on Mk 123 Mod 0 (MT30) used on the T-45 aircraft. For past CODRs see Table V.

3. Underseat Rocket Motor Mk 124 Mod 0

a. NSN: 1377-01-246-5281
b. DODIC: MT31
c. **Service life: 204 months (17years)**
d. Rocket motor WUC: 97D48
e. One per aircraft (Aft seat).

Lot No.	Lot quantity	T-45A	T-45C	Total units installed	Service-life expiration date
MBA91J001-009	34	0	0	0	September 2008
UPC91K001H002A	29	2	0	2	October 2008
UPC91K001H003	6	0	0	0	October 2008
MBA92C001-010	27	4	0	4	March 2009
UPC93D002H004	62	2	0	2	April 2010
MBA93F002-011	104	22	1	23	June 2010
UPC94C003H005	142	25	9	34	March 2011
MBA95C003-012	165	6	5	11	March 2012
MBA96C003-013	71	1	6	7	March 2013
MBA97G003-014	70	7	16	23	July 2014
MBA98J003-017	66	0	15	15	September 2015
MBA99H003-019	84	1	16	17	August 2016
UPC01E004-001A	26	0	3	3	May 2018
MBA01A003-020	76	0	16	16	January 2018
MBA01E003-024	95	0	26	26	May 2018
MBA01F003-025	97	0	1	1	June 2018
UPC01E005-002	50	0	0	0	May 2018
MBA04F004-027	103	0	0	0	June 2021
MBA05K004-028	87	0	0	0	October 2022
Total installed:		70	114		
Grand total installed:				184	

ILS Notes:

1. Quantity per lot reported installed in CAD/PAD Traceability System (CATS).

2. No lots have expired since the last publication of this report.

3. The next lots scheduled to expire will expire in September 2008.

4. **The service life on this unit has been increased from 192 months (16 years) to 204 months (17 years) IAW NAVAIR 11-100-1.1 WEB Version dated 8 January 2007.**

5. We have not received any conventional ordnance deficiencies on Mk 124 Mod 0 (MT31) used on the T-45 aircraft. For past CODRs see Table V.

PAD SUMMARY

The following section summarizes the service life, identification data, and total installed assets for each PAD device. Table I contains the PAD device, service life, and operating temperature range. Table I is based on the information current in NAVAIR 11-100-1.1-CD at the time this report was printed; NAVAIR 11-100-1.1-CD is the official source for the service life of PAD devices. Table II identifies each PAD device by DODIC, propellant type, explosive weight, manufacturer, NAVAIR part number, applicable specification (procurement description), applicable aircraft, and aircraft manufacturer. Table III presents the total installed assets for the PAD devices, and Table IV provides this information by lot numbers. Table V lists the PAD conventional ordnance discrepancy reports and explosive mishap report histories we have received in the last 60 months.

Table I. Service-Life Listing[a]

[As of 31 January 2007]

Device	Service life (mo)	Operating range (°F)
	Rocket Catapult	
Mk 12 Mod 1	120	–40 to 165
Mk 16 Mod 1	156	–40 to 160
Mk 18 Mod 0	120	–40 to 165
CKU-5	48	–40 to 165
CKU-7A	120	–40 to 160
	Man/Seat Separators	
Mk 82 Mod 0	192	–40 to 160
Mk 82 Mod 1	84	–40 to 160
Mk 90 Mod 1	84	–40 to 160
	Yaw Thrusters	
Mk 83 Mod 0	84	–40 to 160
Mk 85 Mod 0	84	–40 to 160
	Vernier Rocket	
Mk 84 Mod 2	156	–40 to 160
P/N 50436-11	120	–40 to 160
	Seatback Rocket	
Mk 79 Mod 1	132	–40 to 160
Mk 79 Mod 2	132	-40 to 160
	WORD/Drogue Release Assembly	
Mk 113 Mod 0	96	–40 to 160
	Catapult Cartridge	
Mk 205 Mod 2	96	–65 to 165

See footnote at end of table.

Table I—Continued

Device	Service life (mo)	Operating range (°F)
Underseat Rocket Motor		
Mk 137 Mod 0	84	–65 to 165
Mk 138 Mod 0	84	–65 to 165
Mk 86/87/88 Mod 0	240	–40 to 160
Mk 86/87/88 Mod 1	240	–40 to 160
Mk 100 Mod 0	204	–65 to 160
Mk 101 Mod 0	204	–65 to 160
Mk 123 Mod 0	204	–65 to 165
Mk 124 Mod 0	204	–65 to 165
Canopy Remover Rocket Motor		
Mk 109 Mod 0	132	–65 to 165
Mk 109 Mod 1	132	–65 to 165
P/N J114716-1 (RS)	84	–65 to 200
P/N J114716-501 (LS)	84	–65 to 200
Rocket Motor Divergence		
Mk 121 Mod 0	84	–40 to 160
P/N 1143-3	219	–65 to 165
Parachute Deployment Rocket Motor		
Mk 122 Mod 0	120	–65 to 165

[a]Official listing maintained in NAVAIR 11-100-1.1-CD.

Table II. Propellant-Actuated Devices Summary

[As of 31 January 2007]

Device	DODIC	Propellant type	Explosive weight (lb)	Manufacturer	Part number	Specification	Aircraft	Aircraft manufacturer
Rocket Catapults (Navy)								
Mk 12 Mod 1	MC77	CTPB	5.00	IHDIV/NSWC	NAVAIR 709AS100 P/N 31276	MIL-DTL-85097/9A(AS)	OV-10A	Rockwell International Corp.
Mk 16 Mod 1	MD72	CTPB	7.00	IHDIV/NSWC UPCO	NAVAIR 736AS300 (1000-6)	MIL-DTL-85097/1B	S-3A, TA-4J	Lockheed California Corp. McDonnell Douglas
Mk 18 Mod 0	M941	CTPB	5.00	IHDIV/NSWC	NAVAIR 707AS100	MIL-DTL-85097/12(AS)	T-2	Rockwell International Corp.
Rocket Catapults (Air Force)								
CKU-7/A	MS15	CTPB	6.40	IHDIV/NSWC UPCO	F11820361	MIL-C-48568	F-5E F-5F T-38	Northrop Corp.
CKU-7/A/A	JI96	CTPB	6.40	UPCO	F11820361	MIL-C-48568	F-5E F-5F T-38	Northrop Corp.
CKU-5B/A	MT47	CTBP	7.00	IHDIV/NSWC UPCO	5184322	MIL-C-82734A	F-16A/B	General Dynamics
CKU-5C/A	JM60	CTBP	7.00	IHDIV/NSWC UPCO	5184322	MIL-C-82734A	F-16A/B	General Dynamics
Rocket Motors								
Mk 137 Mod 0	JL58	Double Base	5.68	Martin-Baker	MBEU185620		T-6A	Raytheon
Mk 138 Mod 0	JL59	Double Base	5.68	Martin-Baker	MBEU185621		T-6A	Raytheon
Mk 79 Mod 1 (SBR)	MF21	CTPB CTPB	2.70	IHDIV/NSWC Talley	NAVAIR 672AS200 P/N 50579-5	MIL-A-85097/3C(AS)	AV-8B NAV-8B TAV-8B	Hawker-Siddeley/ McDonnell
Mk 79 Mod 2 (SBR)	MF21	HTPB HTPB	2.70	IHDIV/NSWC Talley	NAVAIR 672AS200 P/N 50579-7	MIL-A-85097/3C(AS)	AV-8B NAV-8B TAV-8B	Hawker-Siddeley/ McDonnell
Mk 82 Mod 0 (Man/Seat Separator, Left) MK 82 MOD 1	M928 MU76	CTPB	0.60	UPCO	NAVAIR 944AS100 1033-2 (UPC)	MIL-DTL-85097/5B(OS)	S-3B	Lockheed California Corp.
Mk 83 Mod 0 (Low Yaw Thruster)	M929	CTPB	0.05	UPCO Pacific Scientific	NAVAIR 946AS100 1105-1 (UPC)	MIL-DTL-85097/6A (AS)	S-3B ES-3A	Lockheed California Corp.
Mk 84 Mod 2 (Vernier Rocket)	MF57	CTPB	1.12	Talley UPCO	NAVAIR 503AS200 (50436-9) (1340-2)	MIL-DTL-85097/7D(OS)	S-3B ES-3A	Lockheed California Corp.
Mk 85 Mod 0 (High Yaw Thruster)	M932	CTPB	0.10	UPCO Pacific Scientific	NAVAIR 989AS100 1136-1 (UPC)	MIL-DTL-85097/6A(AS)	S-3B ES-3A	Lockheed California Corp.
Mk 86 Mod 0 (Pilot/ECMO-3)	M938	Double Base	6.40	Martin-Baker UPCO	NAVAIR 4904171 (MB-200-610)	MIL-A-85097/8B(AS)	EA-6B	Grumman Aerospace Corp.
Mk 86 Mod 1 (Pilot/ECMO-3)	M938	Double Base	6.40	IHDIV/NSWC	759AS170	MIL-A-85097/8B(AS)	EA-6B	Grumman Aerospace Corp.
Mk 87 Mod 0 (ECMO-1)	M939	Double Base	6.40	Martin-Baker UPCO	NAVAIR 4904172 (MB-200-612)	MIL-A-85097/8B(AS)	EA-6B	Grumman Aerospace Corp.
Mk 87 Mod 1 (ECMO-1)	M939	Double Base	6.40	IHDIV/NSWC	759AS180	MIL-A-85097/8B(AS)	EA-6B	Grumman Aerospace Corp.
Mk 88 Mod 0 (ECMO-2)	M940	Double Base	6.40	Martin-Baker UPCO	NAVAIR 4904173 (MB-200-614)	MIL-A-85097/8B(AS)	EA-6B	Grumman Aerospace Corp.
Mk 88 Mod 1 (ECMO-2)	M940	Double Base	6.40	IHDIV/NSWC	759190	MIL-A-85097/8B(AS)	EA-6B	Grumman Aerospace Corp.
Mk 90 Mod 1	MU75	CTPB	0.60	IHDIV/NSWC	NAVAIR 970AS201	MIL-DTL-85097/5B(OS)	S-3B ES-3A	Lockheed California Corp.

Table II—Continued

Device	DODIC	Propellant type	Explosive weight (lb)	Manufacturer	Part number	Specification	Aircraft	Aircraft manufacturer
Mk 100 Mod 0	MD68	Double Base	6.60	Martin-Baker	MBEU-69025-2 NAVAIR 1176AS200	MIL-A-85097/8B	FA-18A FA-18B FA-18C FA-18D	McDonnell Douglas
Mk 101 Mod 0	MD69	Double Base	6.60	Martin-Baker	MBEU-69028-2 NAVAIR 1176AS300	MIL-A-85097/8B	FA-18B FA-18D	McDonnell Douglas
Mk 109 Mod 0	MF56	CTPB	1.0	IHDIV/NSWC Talley UPCO	P/N-50656-5 NAVAIR 1507AS100	MIL-DTL-85097/13C (OS)	FA-18A FA-18B FA-18C FA-18D FA-18E FA-18F	McDonnell Douglas (Boeing)
Mk 109 Mod 1	SS67	HTPB	1.0	IHDIV/NSWC UPCO Talley	1507AS201 50656-7	MIL-DTL-85097/13A(OS)	FA-18A FA-18B FA-18C FA-18D FA-18E FA-18F	McDonnell Douglas (Boeing)
Mk 113 Mod 1	MG67	CTPB HTPB	0.288	UPCO Talley	NAVAIR 673AS200 P/N 50885-1	MIL-DTL-85097/11D(OS)	AV-8B TAV-8B	Hawker-Siddeley/ McDonnell Douglas
Mk 121 Mod 0 (Divergence)	MT28	CTPB	0.22	UPCO Pacific Scientific Ta;;ey	P/N 1163-3 (UPC) NAVAIR 673AS300 2-102370-2 (Pac Sci) 30800-1	MIL-A-85097/15A	TAV-8B	McDonnell Douglas
Mk 122 Mod 0	MT29	Double Base	0.5	Martin-Baker UPCO	MBEU-146190	MIL-A-85097/16	FA-18C FA-18D FA-18E FA-18F T-45 A T-45C	McDonnell Douglas British Aerospace/ McDonnell Douglas
Mk 123 Mod 0	MT30	Double Base	6.8	Martin-Baker UPCO	MBEU-142801	MIL-A-85097/17	FA-18C FA-18D FA-18F T-45A T-45C	McDonnell Douglas
Mk 124 Mod 0	MT31	Double Base	6.8	Martin-Baker UPCO	MBEU-142802	MIL-A-85097/17	FA-18C FA-18D FA-18E FA-18F T-45 A T-45C	McDonnell Douglas British Aerospace/ McDonnell Douglas
Mk 205 Mod 2	XW36	CTPB HTPB	0.25	Talley	NAVAIR 772AS400 P/N 5913-5	MIL-DTL-85097/2E	AV-8B TAV-8B	Hawker-Siddeley/ McDonnell Douglas
P/N 2820100-1 (Canopy Remover, Right)	ME80	CTPB	.0.7	Ordnance Engineering Assoc. Inc	2820100-1	—	F-16A/B	General Dynamics
P/N 2820100-2 (Canopy Remover, Left)	ME81	CTPB	.0.7	Ordnance Engineering Assoc. Inc.	2820100-2	—	F-16A/B	General Dynamics
P/N 1143-3 (Divergence)	MD99	CTPB	0.1	UPCO	P/N 1143-3	McDonnell Douglas A11471B	F-16A/B	General Dynamics
P/N 50436-11 (Vernier Rocket)	MT32	CTPB	1.1	Talley Inc.	P/N 50436-11	—	F-16A/B	General Dynamics

Table III. Total Installed Assets

[As of 31 January 2007]

PAD device	DODIC	Aircraft	Quantity installed (ea)	Total quantity installed (ea)
Mk 12 Mod 1	MC77	OV-10	18	18
Mk 16 Mod 1	MD72	S-3B	116	116
Mk 18 Mod 0	M941	T-2C	40	40
CKU-5B/A	JM60	F-16A	16	
		F-16B	2	18
Mk 82 Mod 0	M928	S-3B	52	52
				52
MK 82 Mod 1	MU76	S-3B	6	6
				58
Mk 83 Mod 0	M929	S-3B	60	60
Mk 85 Mod 0	M932	S-3B	34	34
Mk 86 Mod 0	M938	EA-6B	49	49
Mk 86 Mod 1	M938	EA-6B	114	114
				163
Mk 87 Mod 0	M939	EA-6B	27	27
Mk 87 Mod 1	M939	EA-6B	54	54
				81
Mk 88 Mod 0	M940	EA-6B	49	49
Mk 88 Mod 1	M940	EA-6B	54	54
				103
Mk 90 Mod 1	MU75	S-3B	60	60
	MU75			60
Mk 100 Mod 0	MD68	FA-18A	121	
		FA-18B	29	
		FA-18C	131	
		FA-18D	47	328
Mk 101 Mod 0	MD69	FA-18B	29	
		FA-18D	51	80
Mk 79 Mod 1	MF21	AV-8B	282	
		NAV-8B	2	
		TAV-8B	38	322
Mk 109 Mod 0 Non-NACES	MF56	FA-18A	25	
		FA-18B	0	
		FA-18C	42	
		FA-18D	20	87
Mk 109 Mod 1 Non-NACES	SS67	FA-18A	244	
		FA-18B	58	
		FA-18C	177	
		FA-18D	68	522
				609

Table III—Continued

PAD device	DODIC	Aircraft	Quantity installed (ea)	Total quantity installed (ea)
MK 109 Mod 0 NACES	MF56	FA-18C	0	
		FA-18D	33	
		FA-18E	37	
		FA-18F	52	180
Mk 109 Mod 1 NACES	SS67	FA-18C	435	
		FA-18D	137	
		FA-18E	193	
		FA-18F	273	
				1040
				1,280
		MF56/SS67		1,889
Mk 84 Mod 2	MF57	S-3B	112	
				112
P/N J114716-1	MT34	F-16A	10	
		F-16B	4	
				14
P/N J114716-502	ME81	F-16A	10	
		F-16B	4	
				14
P/N 50436-11	MT32	F-16A	10	
		F-16B	8	
				18
P/N 1143-3	MD99	F-16A	10	
		F-16B	8	18
Mk 113 Mod 1	MG67	AV-8B	123	
		NAV-8B	1	
		TAV-8B	30	
				152
CKU-7A	MS15	F-5E	3	
		F-5F	4	
		F-5N	12	
		T-38A	8	27
CKU-7A/A	JL96	F-5E	3	
		F-5F	7	
		F-5N	10	
		T-38A	15	35
				62
Mk 121 Mod 0	MT28	TAV-8B	60	60
Mk 122 Mod 0	MT29	FA-18C	239	
		FA-18D	173	
		FA-18E	123	
		FA-18F	330	867
		T-45A	139	
		T-45C	229	368
				1,235

Table III—Continued

PAD device	DODIC	Aircraft	Quantity installed (ea)	Total quantity installed (ea)
Mk 123 Mod 0	MT30	FA-18D	90	
		FA-18F	165	255
		T-45A	70	
		T-45C	114	184
				439
Mk 124 Mod 0	MT31	FA-18C	234	
		FA-18D	89	
		FA-18E	113	
		FA-18F	166	604
		T-45A	70	
		T-45C	114	184
				788
Mk 205 Mod 2	XW36	AV-8B	116	
		NAV-8B	0	
		TAV-8B	29	145
Mk 137 Mod 0	JL58	T-6A	47	47
Mk 138 Mod 0	JL59	T-6A	47	47

Table IV. Total Reported Installed by Lot Number

[As of 31 January 2007

DODIC	Model	Lot No.	Lot quantity	Quantity Installed	Total installed	Expiration date	Aircraft type(s)
MC77	Mk 12 Mod 1	IH-00C002-009	14	10		March 2010	
		IHM99F002-018	9	0		June 2009	
		IHM02B002-020	21	8		February 2012	
					18		OV-10
MD72	Mk 16 Mod 1	UPC97B001-032	7	0		February 2010	
		UPC99J001-034	173	40		September 2012	
		UPC99L001-035	183	36		November 2012	
		UPC02C001-036	193	40		March 2015	
		UPC03B001-037	151	0		February 2016	
					116		S-3B
M941	Mk 18 Mod 0	IH-99F002-018	46	36		June 2009	
		IH-00C002-019	31	2		March 2010	
		IHM02B002-020	12	0		February 2012	
		TAC06F001-002	19	0		June 2016	
					50		T-2C
M928	Mk 82 Mod 0	UPC93B001-021	391	49		February 2009	
		UPC94C001-022	25	3	52	March 2010	
MU76	MK 82 Mod 1	UPC00E001-004	90	6		May 2007	
		IHM00B002-006	14	4	6	February 2007	
					58		S-3B
M929	Mk 83 Mod 0	ESD00B001-001	96	50		February 2007	
		ESD00H001-002	119	54		August 2007	
		UPO02L002-015	98	13		November 2009	
					60		S-3B
M932	Mk 85 Mod 0	ESD00K001-002	121	19		October 2007	
		ESD01F001-003A	44	10		June 2008	
		UPC02L002-016	89	5		November 2009	
					34		S-3B
M938	Mk 86 Mod 0	MBA88B001H023	8	8		February 2008	
		MBA88E001-027	24	21		May 2008	
		MBA89F001-030	24	19	49	June 2009	
		IH-94L002-003A	79	52		November 2014	
		IHM01G002-006	70	62	114	July 2021	
					163		EA-6B
M939	Mk 87 Mod 0	MBA88B001H023	8	11		February 2008	
		MBA88E001-025	11	0		May 2008	
		MBA88E001-028	10	9		May 2008	
		MBA88H001H029	3	1		August 2008	
		MBA88E001-030	12	6		May 2008	
		MBA89F001-031	11	0	27	June 2009	
		IH-94L002-003A	26	11		November 2014	
		IHM01G002-006	49	43	54	July 2021	
					81		EA-6B
M940	Mk 88 Mod 0	MBA88E001-025	12	10		May 2008	
		MBA88B001023	6	0		February 2008	
		MBA88E001-027	12	0		May 2008	
		MBA89F001-030	24	8		June 2009	
		MBA00L002-031	46	31	49	November 2020	
		IH-94L002-003A	49	35		November 2014	
		IH-94L002-004	25	18		November 2014	
		IHM01G002-006	25	1	54	July 2021	
					103		EA-6B

Table IV—Continued

DODIC	Model	Lot No.	Lot quantity	Quantity Installed		Total installed	Expiration date	Aircraft type(s)
MU75	Mk 90 Mod 1	IHM00B002-006	110	16			April 2007	
		UPC00E001-002	22	4			May 2007	
		UPC04G001-004	31	34			July 2011	
		UPC04L001-005	50	6			November 2011	
		IHM05C002-007	105	0			March 2012	
						60		S-3B
MD68	Mk 100 Mod 0	MBA89A001-033	128	18			January 2007	
		MBA89B001-032	66	1			February 2007	
		MBA89F001-034	8	9			June 2007	
		MBA91B001-038	66	30			February 2009	
		MBA93C002-040	182	80			March 2011	
		MBA94C003-041	46	33			March 2012	
		MBA96L003-047	47	35			November 2015	
		MBA99M003-050	19	6			December 2017	
		MBA02A002-055	75	66			January 2020	
		MBA05C004-059	175	50			March 2020	
						328		FA-18A/B/C/D
MD69	Mk 101 Mod 0	MBA89A001-033	25	1			January 2007	
		MBA89B001-032	30	5			February 2007	
		MBA91B001-038	57	10			February 2008	
		MBA93C002-040	23	4			March 2011	
		MBA94C003-041	33	29			March 2012	
		MBA96L003-047	47	1			November 2015	
		MBA93M003-050	15	0			December 2017	
		MBA02A002-055	75	14			January 2020	
		MBA05C004-059	35	16			March 2020	
						80		FA-18B/D
MF21	Mk 79 Mod 1	TAC97D001-001	135	79			April 2008	
		TAC97J002-001	171	129			September 2008	
		IH-98A003-002	110	73			January 2009	
		TAC99H002-002	261	39			August 2010	
		IH-99M002-003	50	2			December 2010	
		TAC00L002-003	30	0			November 2011	
		TAC01E002-004	50	0			May 2012	
		TAC01E002-005	28	0			May 2012	
		TAC01K002-006	53	0			October 2012	
		TAC01K002-007	40	0			October 2012	
		TAC01M002-008	20	0			December 2012	
		TAC02A002-009	8	0			January 2013	
		TAC02E002-010	12	0			May 2013	
						322		AV-8B/TAV-8B
				NACES FA-18s	**NON NACES** FA-18s			
MF56	Mk 109 Mod 0	UPC96B001-048	48	0	18	18	February 2007	
		UPC96C001-049	8	5	0	5	March 2007	
		UPC96G001-050	195	57	69	126	March 2007	
		UPC96E001-051	18	5	0	5	May 2007	
		UPC97B001-053	18	10	0	10	February 2008	
		UPC97G001-054	16	14	0	14	July 2008	
		UPC97G001-055	6	3	0	3	July 2008	
		UPC98B001-056	58	50	0	50	February 2009	
		UPC99B001-057	51	36	**0**	**36**	**February 2010**	
			Mod 0	180	87			
						267		

Table IV—Continued

DODIC	Model	Lot No.	Lot quantity	Quantity Installed		Total installed	Expiration date	Aircraft type(s)
SS67	Mk 109 Mod 1							SS67
		IH-98D001-001	57	2	43	45	April 2009	
		TAC99D001-001	2	0	2	2	April 2010	
		TAC99D001-002	250	69	124	203	April 2010	
		TAC00A001-003	273	140	100	249	January 2011	
		TAC01H001-005	109	74	21	101	August 2012	
		TAC01K001-006	121	66	47	121	October 2012	
		TAC01M001-007	2	0	0	0	December 2012	
		TAC02K001-008	85	64	23	85	March 2013	
		TAC02M002-001	337	159	85	337	December 2013	
		TAC03C001-009	39	23	10	34	March 2014	
		TAC03M001-010	361	215	28	146	December 2014	
		UPC01F001-001	86	75	4	77	June 2012	
		TAC04C001-013	241	125	35	2	December 2014	
		UPC05C001-002	381	0	0	0	March 2016	
		UCO05D002-007	118	0	0	0	April 2016	
		UCO05G002-008	239	0	0	0	July 2016	
		TAC06L001-016	84	0	0	0	November 2017	
			Mod 1	1040	522	1562		
			Mod 0	180	87	267		
				1220	609	1829		
MF57	Mk 84 Mod 2	TAC95J001-007A	86	28			September 2008	
		TAC96H001-001A	286	76			August 2009	
		TAC00K001-008	96	4			October 2013	
		TAC01G001-009	96	4			July 2014	
		IHM05C002-007	105	0			March 2012	
						112		S-3B
MG67	Mk 113 Mod 0	UPC99D001-001	237	50			April 2007	
		UPC00G001-002	44	44	94		July 2008	
MG67	Mk 113 Mod 1	TAC00J004-003	30	13			July 2008	
		TAC01H004-004	7	7			August 2009	
		TAC01E004-006	14	12			May 2012	
		UPO03D004-003	28	28			April 2011	
		TAC05J004-007	74	0	58		September 2013	
					152			AV-8B/TAV-8B
MS15	CKU-7/A	IH-96H001-048	5	5			August 2006	MS15
		IH-99F001-049	21	13			June 2009	
		IHM-00C001-051	46	25			March 2010	
		IHM-00E001-052	22	6	49		May 2010	
JL96	CKU-7A/A	IHM-00E001-052A	9	4			May 2010	JL96
		IHM-01B001-053A	5	0			February 2011	
		UPC98E001-003A	4	4	8		May 2008	
						57		F-5E/F/T-38A/C/N
MT28	Mk 121 Mod 0	ESD00A001-001	86	14			January 2007	
		UPC02L001-024	19	8			November 2009	
		TAC04D001-001	19	16			April 2011	
		UPC05B001-025	22	22			April 2011	
		TAC06F001-002	38	0			June 2013	
					60	TAV-8B		
					F-18 T-45			

Table IV—Continued

DODIC	Model	Lot No.	Lot quantity	Quantity Installed		Total installed	Expiration date	Aircraft type(s)
MT29	Mk 122 Mod 0	MBA98J004-014	300	134	82	216	September 2008	
		MBA99J004-016	206	138	44	182	September 2009	
		MBA00F004-017	257	142	62	204	June 2010	
		MBA05J005-020	296	0			September 2015	
		UPC01E005-001	271	191	98	289	May 2011	
		UPC01E005-002	328	154	67	221	May 2011	
		UPC01E005-003	212	84	15	99	May 2011	
		UPC04H0005-004A	242	24	0	24	August 2014	
			Totals	867	368	1235		FA-18C,E,F, T-45A,C
MT30	Mk 123 Mod 0	MBA91J001-009	21	2	1	3	September 2007	
		UPC91K001H002A	14	1	1	2	October 2007	
		MBA92C001-010	10	0	4	4	March 2008	
		UPC93E002H005	27	7	2	9	May 2009	
		MBA93F002-011	54	15	31	46	June 2009	
		UPC94B003H006	80	38	31	69	February 2010	
		MBA95C003-012	236	18	18	36	March 2011	
		MBA96C003-013	71	7	6	13	March 2012	
		MBA97G003-014	33	17	15	32	July 2013	
		MBA98J003-017	33	13	9	22	September 2014	
		MBA99H003-019	53	25	18	43	August 2015	
		MBA01A003-020	47	26	17	43	January 2017	
		UPC01E004-001A	26	5	3	8	January 2018	
		MBA01E003-024	277	36	14	50	May 2017	
		MBA01F003-025	46	30	7	37	June 2017	
		MBA04F004-027	27	15	7	22	June 2020	
		MBA05K004-028	58	0	0	0	June 2022	
			Totals	255	184	396		F-18C,D,E,F T-45A, C
MT31	**Mk 124 Mod 0**	**MBA91J001-009**	**34**	**3**	**0**	**3**	**September 2007**	
		UPC91K001H002A	**29**	**5**	**2**	**7**	**October 2007**	
		UPC91K001H003	**6**	**0**	**0**	**0**	**October 2007**	
		MBA92C001-010	**27**	**4**	**4**	**8**	**March 2008**	
		UPC93D002H004	**62**	**13**	**2**	**15**	**April 2009**	
		MBA93F002-011	**104**	**62**	**23**	**85**	**June 2009**	
		UPC94B003H005	**142**	**99**	**34**	**133**	**March 2010**	
		MBA95C003-012	**165**	**116**	**11**	**127**	**March 2011**	
		MBA96C003-013	**71**	**12**	**7**	**19**	**March 2012**	
		MBA97G003-014	**70**	**47**	**23**	**70**	**July 2013**	
		MBA98J003-017	**66**	**23**	**15**	**38**	**September 2014**	
		MBA99H003-019	**84**	**45**	**17**	**62**	**August 2015**	
		MBA01A003-020	**76**	**50**	**16**	**66**	**January 2017**	
		UPC01E004-001A	**36**	**18**	**3**	**21**	**January 2018**	
		MBA01E003-024	**95**	**29**	**26**	**55**	**May 2017**	
		MBA01F003-025	**97**	**62**	**1**	**63**	**June 2017**	
		MBA04F003-027	**103**	**15**	**0**	**15**	**June 2021**	
		MBA05K004-028	**87**	**0**	**0**	**0**	**October 2022**	
		UPC01E005-002	**50**	**1**	**0**	**1**	**May 2018**	
			Totals	**537**	**184**	**788**		**F-18C,D, E, F T-45A, C**
XW36	Mk 205 Mod 2	TAC00B002-003A	60	25			February 2008	
		TAC01B002-004	126	91			February 2009	
		TAC01G002-005	11	16			July 2009	
		TAC01G002-006	24	13			July 2009	
		TAC01J002-008	12	0			September 2010	
		TAC03K002-009	12	0			October 2011	

Table IV—Continued

DODIC	Model	Lot No.	Lot quantity	Quantity Installed		Total installed	Expiration date	Aircraft type(s)
		TAC04D002-011	26	0		145	April 2012	AV-8B/NAV-8B/ TAV-8B
MT32	P/N 50436-11	TAC01B001-032	18	18		18	February 2011	
		TAC01L001-035	12	0		0	November 2011	
		TAC06E001-044	11	0		0	May 2005	
						18		F-16A, F-16B
MT47	CKU-5B/A	IHM01E001-024	18	18		18	May 2006	F-16A, F-16B
MD99	**P/N 1143-3**	**UPC96G001-072**	**18**	**18**		**18**	**October 2014**	
		UPC9K001-024	**5**	**0**		**0**	**December 2014**	**F-16A, F-16B**
						18		
MT34	P/N J114716-1	UPC00D001-002	14	14		14	April 2007	F-16A, F-16B
ME81	P/N J114716-502	OAC01D001-067	14	14		14	April 2007	F-16A, F-16B
			Lot quantity	Navy Installed	Air Force Installed	Total Installed		
JL58	MK 137 MOD 0	MBA00K001-017	2	0	2	2	October 2007	
		MBA00K001-018	4	0	4	4	October 2007	
		MBA00K001-019	9	0	9	9	October 2007	
		MBA00K001-020	6	0	6	6	October 2007	
		MBA00K001-021	4	0	4	4	October 2007	
		MBA00K001-022	5	0	5	5	October 2007	
		MBA00K001-023	1	0	1	1	October 2007	
		MBA00K001-024	8	0	8	8	October 2007	
		MBA00K001-025	8	2	8	10	October 2007	
		MBA00K001-026	3	0	3	3	October 2007	
		MBA01G001-027	17	10	7	17	July 2008	
		MBA01G001-031	7	1	6	7	July 2008	
		MBA01K001-029	4	2	2	4	October 2008	
		MBA01K001-033	6	4	2	6	October 2008	
		MBA01K001-034	12	3	9	12	October 2008	
		MBA01K001-035	12	5	7	12	October 2008	
		MBA01K001-036	13	6	7	13	October 2008	
		MBA01K001-038	4	2	2	4	October 2008	
		MBA02J001-039	4	1	3	4	September 2009	
		MBA03C001-040	13	2	11	13	March 2010	
		MBA03C001-041	9	0	9	9	March 2010	
		MBA03F001-042	15	3	12	15	June 2010	
		MBA03F001-043	10	1	10	11	June 2010	
		MBA03F001-044	10	0	10	10	June 2010	
		MBA03J001-045	13	2	11	13	September 2010	
		MBA03F001-046	12	0	12	12	June 2010	
		MBA03F001-048	4	2	2	4	June 2010	
		MBA04E001-049	13	1	12	13	May 2011	
		MBA04E001-051	12	0	12	12	May 2011	
		MBA04E001-052	7	0	7	7	May 2011	
		MBA04K001-053	1	0	1	1	October 2011	
		MBA04E001-055	2	0	2	2	May 2011	
		MBA04K001-056	6	0	6	6	October 2011	
		MBA04K001-057	12	0	12	12	October 2011	
		MBA05H001-058	3	2	1	3	August 2012	
		MBA04K001-059	5	0	5	5	October 2011	
		MBA04K001-060	7	0	7	7	October 2011	
		MBA04K001-061	8	0	8	8	October 2011	

Table IV—Continued

DODIC	Model	Lot No.	Lot quantity	Quantity Installed		Total installed	Expiration date	Aircraft type(s)
		MBA04K001-062	9	0	9	9	August 2012	
		MBA04K001-063	2	2	0	2	August 2012	
				49	254	303		
				Navy Installed	Air Force Installed			
JL59	MK 138 MOD 0	MBA00K001-017	2	0	2	2	October 2007	
		MBA00K001-018	4	0	4	4	October 2007	
		MBA00K001-019	9	0	9	9	October 2007	
		MBA00K001-020	7	0	7	7	October 2007	
		MBA00K001-021	6	0	6	6	October 2007	
		MBA00K001-022	6	0	6	6	October 2007	
		MBA00K001-023	1	0	1	1	October 2007	
		MBA00K001-024	6	0	6	6	October 2007	
		MBA00K001-025	7	0	7	7	October 2007	
		MBA00K001-026	3	0	3	3	October 2007	
		MBA01G001-027	7	0	7	7	July 2008	
		MBA01G001-028	16	10	6	16	July 2008	
		MBA01K001-029	5	2	3	5	October 2008	
		MBA01G001-031	1	0	1	1	July 2008	
		MBA01K001-032	7	2	5	7	October 2008	
		MBA01K001-033	7	4	3	7	October 2008	
		MBA01K001-034	13	7	8	15	October 2008	
		MBA01K001-035	10	3	7	10	October 2008	
		MBA01K001-037	12	5	7	12	October 2008	
		MBA01K001-038	4	1	3	4	October 2008	
		MBA02J001-039	3	1	2	3	September 2009	
		MBA03C001-040	12	2	10	12	March 2010	
		MBA03C001-041	10	1	9	10	March 2010	
		MBA03F001-042	10	1	9	10	June 2010	
		MBA03F001-043	12	3	9	12	June 2010	
		MBA03F001-044	11	0	11	11	June 2010	
		MBA03J001-045	12	0	12	12	September 2010	
		MBA03F001-046	13	4	9	13	June 2010	
		MBA03J001-047	4	0	4	4	September 2010	
		MBA03F001-048	4	0	4	4	June 2010	
		MBA04E001-049	13	0	13	13	May 2011	
		MBA04E001-051	11	0	11	11	May 2011	
		MBA04E001-052	7	0	7	7	May 2011	
		MBA04K001-053	1	0	1	1	October 2011	
		MBA04E001-055	3	0	3	3	May 2014	
		MBA04K001-056	6	1	5	6	October 2011	
		MBA04K001-057	12	0	12	12	October 2011	
		MBA05H001-058	2	2	0	2	August 2012	
		MBA04K001-059	4	0	4	4	October 2011	
		MBA04K001-060	9	0	9	9	October 2011	
		MBA04K001-062	9	0	9	9	August 2012	
		MBA04K001-063	4	0	4	4	August 2012	
				49	258	307		T-6A

Table V. PAD Conventional Ordnance Discrepancy Reports (CODRs) Explosive Mishap Reports (EMR) History

[As of 31 January 2007]

Item	Description
	Mk 83 Mod 0 (M929) – Low Yaw Thruster Rocket Motor
RCN: N09298-05-0012	Maintenance crew was pulling pilot ejection from aircraft when maintenance technician lost his footing onto a B1 stand. As he slipped, he tried to maintain positive control of the ejection seat by grabbing the B1 stand railing to prevent him and the ejection seat from falling to the hanger deck. The ejection seat fell approximately 2 feet to the B1 stand platform. The forward right section seat bucket sustained irreparable damage. Ordnance installed was removed and turned in.
	Mk 85 Mod 0 (M932) –High Yaw Thruster Rocket Motor
RCN: 09226-03-0013	During pre-installation of M932 rocket motor a technician was stenciling expiration date on rocket motor body. While turning device it was accidentally dropped on desk from a height of approximately 4 inches. QA/SO witnessed the incident and deemed the M932 NON-RFI. IHDIV/NSWC has requested this unit be returned as a possible Quality Evaluation sample.
RCN: 09226-05-002	**Maintenance technician was removing the MK 85 MOD 0 (M932) High Yaw Thruster Rocket Motor from the SENSO ejection seat when he noted that the housing separated from base of rocket motor. Squadron turned in suspected motor to Station Weapons.** IHDIV/NSWC has requested unit be returned for engineering investigation.
RCN: 09226-05-003	Maintenance technician was removing the MK 85 MOD 0 (M932) High Yaw Thruster Rocket Motor from the SENSO ejection seat when he noted that the housing separated from base of rocket motor. Squadron turned in suspected motor to Station Weapons. IHDIV/NSWC has requested unit be returned for engineering investigation.
	Mk 16 Mod 1 (MD72) – Rocket Catapult
RCN: 09352-03-0016	While removing ejection seat for seat height actuator binding, rocket catapult ballistic line nipple struck side of ejection seat and dented cap on nipple. Seat height adjuster gears on one side of actuator were binning, which caused only one side of actuator to move and then freeze up. While removing mounting bolt on seat/rocket, rocket shifted to side of seat striking seat frame and caused said damage to ballistic line nipple. IHDIV/NSWC has requested this unit be returned as a possible Quality Evaluation sample.
	Mk 18 Mod 0 (M941) – Rocket Catapult
RCN: 49153-03-0019	During 224-day inspection of aircraft cockpits, found corrosion on top of rocket motor. IHDIV/NSWC has requested this unit be returned as a possible Quality Evaluation sample.
RCN: 09251-03-0025	During receiving, found top of rocket corroded and had CNATRA DET Meridian take photos. Repackaged container and turned in to NAS Meridian Weapons Department. IHDIV/NSWC has requested this unit be returned as a possible Quality Evaluation sample.
RCN: 49153-03-0049	During visual inspection of Rocket Catapult, after seat removal, found lower sleeve of rocket had moved about 1 inch and is now longer than standard rocket. IHDIV/NSWC has requested this unit be returned as a possible Quality Evaluation sample.
RCN: 52814-03-0709	During visual inspection of Rocket Catapult, after seat removal, found lower sleeve of rocket had moved about 1 inch and is now longer than standard rocket. IHDIV/NSWC has requested this unit be returned as a possible Quality Evaluation sample.
	CKU-7A (MS15) – Rocket Catapult
N55242-05-0027	**During a phase maintenance inspection on a F-5E aircraft a faulty electrical connector contacted the Rocket Catapult causing a momentary electrical arc.** IHDIV/NSWC has requested this unit be returned for inspection.
	Mk 79 Mod 0 (MF21) – Seatback Rocket Motor
65923-04-0249	**During the aircraft 448 seat maintenance inspection, maintenance personnel discovered the hermetic seal used on the exhaust nozzle port was missing.** IHDIV/NSWC has requested this unit be returned as a possible Quality Evaluation sample.

Table V—Continued

Item	Description
	Mk 86 Mod 0/1 (M938) - Underseat Rocket Motor
RCN: N65886-04-0002	While removing the Underseat rocket motor for a 364-day seat inspection, the MK 86 MOD 0 rocket motor lot number was found to be illegible and the serial number did not match OPNAV 4790/26A installed explosive device record. IHDIV/NSWC has requested this unit be returned as a possible Quality Evaluation sample.
	Mk 87 Mod 0/1 (M939) - Underseat Rocket Motor
RCN: 65886-04-0049	When maintenance personnel were de-arming ECMO-1 ejection seat, the igniter was found to be moving when the rocket motor igniter gas line was loosened. IHDIV/NSWC has requested this unit be returned as a possible Quality Evaluation sample.
	Mk 88 Mod 0/1 (M940) - Underseat Rocket Motor
RCN: 09970-01-0061	While arming ECOMO-2 ejection seat, maintenance technician noticed rocket motor 1/2 bolt would not align with mounting hole in port side of ejection seat. Further investigation revealed weld bead was hitting the port side of ejection seat prohibiting the alignment of the 1/2 bolt with the mounting hold in the rocket motor. IHDIV/NSWC has requested this unit be returned as a possible Quality Evaluation sample.
RCN: 39783-02-0076	While performing 364-day inspection, a maintenance technician discovered safety wire missing from firing head on ECMO-2 rocket motor and no torque stripe present. IHDIV/NSWC has requested this unit be returned as a possible Quality Evaluation sample.
	Mk 100 Mod 0 (MD68) - Underseat Rocket Motor
RCN: 65185-03-0004	The seat bucket was removed from aircraft cockpit during flight operations and placed on flight deck to facilitate a Foreign Object Damage search within the aircraft. Exhaust from a taxing F-14 caused the seat bucket to slide across flight deck and flip over, damaging the under seat rocket motor. IHDIV/NSWC has requested this unit be returned as a possible Quality Evaluation sample.
RCN: 67815-03-0014	A safety wire was broken on right rear outboard tube. No other damage was visible. Underseat Rocket Motor was lowered on map light forcing map light through aircraft cabin floor. Cockpit floor has a 4-inch hole punctured through the floor into an avionics bay. IHDIV/NSWC has requested this unit be returned as a possible Quality Evaluation sample.
RCN: 09561-03-0029	The ejection seat bucket was removed in accordance with FA-18 maintenance manuals. During the removal of the seat bucket, the maintenance crew discovered that the right leg garter assembly was wedged between the forward ends of the forward right outboard rocket propellant tubes of the MD68 rocket motor. Further inspection revealed that there were dents on both forward right outboard rocket propellant tubes and a broken safety wire that secured both tubes together. It is suspected that lowering the seat without ensuring that garter assembly was stowed properly caused damage. The MD68 rocket motor was removed in accordance with the FA-18 maintenance manuals. IHDIV/NSWC has requested this unit be returned as a possible Quality Evaluation sample.
RCN: 65886-04-0001	Upon de-arming ejection seat and inspection of rocket motor, a dent was found in one of the solid propellant tubes. IHDIV/NSWC has requested this unit be returned as a possible Quality Evaluation sample.
	Mk 101 Mod 0 (MD69) - Underseat Rocket Motor
RCN: 44689-02-0048	Maintenance crew discovered during a 448-day seat maintenance inspection that safety wire was stretched and broken on a USRM. An investigation was unable to determine if tube had rotated due to absence of slip indicator mark. IHDIV/NSWC has requested this unit be returned as a possible Quality Evaluation sample.
RCN: 09485-030070	Maintenance crew discovered during a 448-day seat inspection the rocket motor breech was loose. IHDIV/NSWC has requested this unit be returned as a possible Quality Evaluation sample.
	Mk 109 Mod 0/1 (MF56/SS67) - Canopy Jettison Rocket Motor (CJRM)
RCN: 55141-02-0021	During daily pre-flight inspection, a maintenance technician discovered the CJRM exhaust cap dented. IHDIV/NSWC has requested this unit be returned as a possible Quality Evaluation sample.
RCN: 09230-02-0030	During a special 42-day inspection, a 2-inch scratch was discovered on the right CJRM. A Not-Ready-For-Issue (NRFI) status based on inspection criteria outlined in NAVAIR 11-100-1.1 manual. Suspected damaged may have been caused by an object left on canopy sill prior to closing. IHDIV/NSWC has requested this unit be returned as a possible Quality Evaluation sample.

Table V—Continued

Item	Description
RCN: 55141-02-0033	During a routine 728-day seat maintenance inspection, both CJRMs were found corroded beyond limits. The paint had started to bubble and upon removed, corrosion was found on aft sections of both rocket motors. IHDIV/NSWC has requested this unit be returned as a possible Quality Evaluation sample.
RCN: 09558-030-0007	During preflight inspection, a maintenance technician discovered a scratched, dented CJRM. IHDIV/NSWC has requested this unit be returned as a possible Quality Evaluation sample.
RCN: 09965-04-0016	Maintenance personnel disconnected a cable connector lying loose on canopy sill and closed the canopy. This resulted in a dent and scratch to CJRM. IHDIV/NSWC has requested this unit be returned as a possible Quality Evaluation sample.
RCN: 09561-03-0021	Canopy Rocket Motor was removed in accordance with the FA-18 maintenance manuals. While performing a routine inspection on the ejection seat and canopy assembly, it was discovered by maintenance personnel that the exhaust nozzle was damaged. IHDIV/NSWC has requested this unit be returned as a possible Quality Evaluation sample.
RCN: 09561-03-0029	CJRM was removed in accordance with the FA-18 maintenance manuals. While performing a routine inspection on the ejection seat and canopy assembly, it was discovered by maintenance personnel that the exhaust nozzle was damaged. IHDIV/NSWC has requested this unit be returned as a possible Quality Evaluation sample.
RCN: 0984-03-0090	This activity reported that while maintenance crews were performing a daily inspection, they found a gouge on the left side of the CJRM, extending 2 1/2 inches downward and 1/8 inch in depth. IHDIV/NSWC has requested this unit be returned as a possible Quality Evaluation sample.
RCN: 39783-03-03-0136A	Maintenance installed CJRM into port side of the canopy. Applying the torque on the B-nut on the MH37 SMCD line, it broke from the threaded portion of the ferrule leaving the threaded portion inside the rocket motor. IHDIV/NSWC has requested this unit be returned as a possible Quality Evaluation sample.
RCN: 39783-03-0137	Maintenance installed CJRM into port side of the canopy. Applying the torque on the B-nut on the MH37 SMCD line, it broke from the threaded portion of the ferrule leaving the threaded portion inside the rocket motor. IHDIV/NSWC has requested this unit be returned as a possible Quality Evaluation sample.
RCN: 09076-04-0018	During preflight inspection, a maintenance technician discovered a scratched and dented CJRM. IHDIV/NSWC has requested this unit be returned as a possible Quality Evaluation sample.
RCN: N39783-04-0057	Maintenance personnel left a tool on the canopy sill and closed the canopy. This resulted in a 3/4-inch dent/scratch on the CJRM. IHDIV/NSWC has requested this unit be returned as a possible Quality Evaluation sample.
RCN: R09637-05-0003	Squadron was transporting removed CJRMs to the squadron ready-service-locker. Both CJRMs fell off transport cart, because CJRMs were not secure when cart went over hanger door tracks.
RCN: N09221-05-0012	Maintenance installed an SMDC line into a CJRM. Applying the required torque of 80 inch-pounds the B-nut on the SMCD line broke off inside the inlet fitting. IHDIV/NSWC has requested this unit be returned as a possible Quality Evaluation sample.
	Mk 122 Mod 0 (MT29) – Parachute Deployment Rocket Motor
RCN:09558-02-0011	Maintenance crew discovered parachute deployment rocket motor defective while performing 728-day special inspection. While removing parachute deployment rocket motor, they heard a loose metallic sound from inside rocket motor. IHDIV/NSWC has requested this unit be returned as a possible Quality Evaluation sample.
RCN: 49153-02-0164	STIRRUP links for the parachute were not properly installed (a manufacturer defect). The STIRRUP links are improperly clocked preventing proper STIRRUP link alignment with parachute withdrawal line. STIRRUP links make contact with ejection seat main beam making it impossible to connect the parachute withdrawal line. IHDIV/NSWC has requested this unit be returned as a possible Quality Evaluation sample.
RCN: 65886-02-0223	During standard depot level maintenance (SDLM) of F-14 D BUNO 164349, corrosion was found on both the pilot and MCO seat MT29 parachute deployment rocket motor around the STIRRUP bolts and exhausts nozzles. IHDIV/NSWC has requested this unit be returned as a possible Quality Evaluation sample.
RCN: 76301-02-0174	A parachute rocket deployment motor that had an electrical plug pin that is bent in two different directions was received in this condition from Lot UPC01E005-001. Repair or replace noted unit and return to: Boeing Company, McDonnell Aircraft and Missile systems, 8900 Frost Avenue Berkley, MO 63134, Bldg 245, LVL 1, GFAE/GOM. IHDIV/NSWC has requested this unit be returned as a possible Quality Evaluation sample.

Table V—Continued

Item	Description
	Mk 124 Mod 0 (MT31) – Underseat Rocket Motor
RCN: 09478-03-0034	While performing disarm procedures IAW ref (b), maintenance personnel noticed the tube of the igniter cartridge on the MK-124 MOD 0 under seat rocket motor was loose. The tube actually turned approximately 1/4 inch when gas line was being removed. IHDIV/NSWC has requested this unit be returned as a possible Quality Evaluation sample.
RCN: 09637-03-0021	Performed acceptance inspection on rocket motor in accordance with NAVAIR-11-100-1 and discovered protective caps on rocket motor cracked and separated from motor. IHDIV/NSWC has requested this unit be returned as a possible Quality Evaluation sample.
RCN: 09934-03-0040	While applying the specified torque to the gas line of the under seat rocket motor in accordance with NAVAIR 13-1-37, the gas fire igniter cartridge of the rocket motor started to turn at approximately 80 inch-pounds of torque. IHDIV/NSWC has requested this unit be returned as a possible Quality Evaluation sample.