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

Il-ISP 05-504
31 August 2005

LOGISTICS MANAGEMENT REPORT FOR U.S. NAVY PROPELLANT-ACTUATED DEVICES (PAD)

M.P. Audiey

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

Approved for public release; distribution is unlimited.

REPORT DOCUMENTATION PAGE

Form Approved
QMB No. 0704-0188

1. AGENCY USE ONLY (Leave Blank)	2. REPORT DATE	3. REPORT TYPE AND DATES COVERED
	31 August 2005	Final Report

4. TITLE AND SUBTITLE

LOGISTICS MANAGEMENT REPORT FOR U.S. NAVY DEVICES PROPELLANT-ACTUATED (PAD)

5. FUNDING NUMBERS

6. AUTHOR(S)

M.P. Audiey

7. PERFORMING ORGANIZATIONS ME(S) AND ADDRESS(ES)

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

8. PERFORMING ORGANIZATION REPORT NUMBER

IHSP 05-504

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

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

10. SPONSORING/MONITORING AGENCY REPORT NUMBER

11. SUPPLEMENTARY NOTES

12a. DISTRIBUTION/AVAILABILITY STATEMENT

Approved for public release; distribution is unlimited.

12b. DISTRIBUTION CODE

13. ABSTRACT (Maximum 200 words)			
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.			
14. SUBJECT TERMS Propellant-actuated device (PAD)			15. NUMBER OF PAGES 72 16. PRICE CODE
17. SECURITY CLASSIFICATION OF REPORT UNCLASSIFIED	18. SECURITY CLASSIFICATION OF THIS PAGE UNCLASSIFIED	19. SECURITY CLASSIFICATION OF ABSTRACT UNCLASSIFIED	20. LIMITATION OF ABSTRACT SAR

NSN/640-01280-5500

Standard Form 298 (Rev. 2-89)
Prescribed by ANSI Std. 239-18
298-102

This page intentionally left blank.

FOREWORD

The Indian Head Division, Naval Surface Warfare Center, Indian Head, MD, is the cognizant field activity for U.S. Navy propellant-actuated devices (PAD). The PAD Engineering Division (Code 510) at Indian Head is delegated the responsibility of maintenance engineering for PAD devices by PEO (W) PIMA-201. The logistics management report is prepared to summarize the status of Navy PAD stocks, detail the logistics support given or required for aircraft escape system changes, and highlight other matters pertaining to Navy PAD logistics support and acquisition management. The subject report also serves as a reference source for general Navy 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 51 1 OH), DSN 354-2105 or commercial line (301) 744-2105.

Diane L. Sabal
Manager, PAD Branch

Approved and released by:

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

This page intentionally left blank.

CONTENTS

Tables

This page intentionally left blank.

INTEGRATED LOGISTICS SYSTEM NOTES

NAVAIR 11-100-1.1-CD Electronic Technical Manual

Basic Issued dated I February 2001, Revision I dated January 2002, Revision 2 dated January 2003, IRAC 36 dated April 2004, IRAC 37 dated June 2004, IRAC 38 dated August 04, IRAC 39 dated September 04, IRAC 40 dated September 04, IRAC 41 dated 30 September 04, IRAC 42 dated 01 April 05, IRAC 43 dated I I April 05, IRAC 44 dated 21 June 05.

Production Lot Designation Change

All assets now entering the stock system will have ammunition lot numbers per MIL-STD- 1 168. An illustration is given below:

IHMOlA002-001

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

e — Lot sequence number.

PAD Spares Policy

Because PAD assets are limited and are not allocated items, refer to NAVSURFWARCENDIV Indian Head 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 Navy PAD devices utilized in U.S. Navy and Marine Corps 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 Indian Head. 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 nos 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 of31 August 2005]

PAD device	NSN	DODIC	Series aircraft	No. per aircraft	Service life (mo/yr)
Rocket Catapults					
MK 12 Mod 1 Mk 16 Mod 1 4J2156/13	[1]13770-276- [2]1377-01-040-		2364MC77OV- 9324MD72TA- S-3B4156/13		IOA2120/10
Mk 18 Mod CKU-7A121377-	O1377-00-250- 00-125-		0206M941T-		2C2120/10
7777MS151120/10 2120/10 T-38A2120/10 CKU-7A/A121377-01-512-0110JL961120/10 F_5F2120/10 T-38A2120/10 CKU-5B/A1377-01-169-7797MT47F_ 16A148/4 F_ 16B248/4					
Man/Seat Separators					
Mk 82 [2] Mk 82 1.2 Mk 90 [2]	Mod 0 1377-00- Mod 11377-01- Mod I 1377-	119- 412- 01412-	2022M928S- 6530MU76TA- 6462MU75S-	4J184/7	3B2192/16 3B284/7
Yaw Thrusters					

Mk 83 Mk 85	Mod1377-00-119- Mod1377-00-	2031M929 119-2045M932	S-3B284/7 S-3B284/7		
		Vernier			
Mk 84 Mod 3B4156/13 PIN	2[24]1377-01-199- 50436-111377-	01-255-	8315MF-57S-		
		1650MT32F_16A120/10			
					F_ 16B2120/10
		Seatback Rocket			
Mk 79 Mod 1/2[14]1377-01-069-	1787MF-21AV-		8B TAV-8B	2132/11 4132/11	
		WORD/Drogue Assembly			
Mk 113 Mod 1/2[2]•[4]	1377-01-149-		3516MG67AV-8B96/8 TAV-8B	296/8	
		Catapult Cartridge			
Mk 205 Mod			21377-01- AV-8B96/8	138-3829XW36 TAV-8B2 96/8	
		Underseat Rocket Motor			
[5] Mk 74 Mod 01377- 14AJB1240/20 Mk NF_14A]B1240/20	00-181- 74 Mod I [1]1377-01-	246-	9532M572F-14A/B, 5282M572F-14A/B,	NF-	
[5] Mk 75 Mod 5283M573F-	01377-00-181- NF_14A/B240/20 14A/B, NF-	Mk 75	9533M573F- Mod 1 [1]1377-01- 14AB1240/20	14A/B, 246-	
[5] Mk 86 Mod	01377-00-201-		9543M938EA-		
6B2240/20 Mk 86 Mod 1 [1]1377-01-246-5286M938EA-6B2240/20					
[5] Mk 87 Mod 01377-00-201-9545M939EA-6B1240/20 Mk 87 Mod 1 [1]1377-01-246-5287M939EA-6B240/20					
[5] Mk 88 Mod 01377-00-201-9533M940EA-6B1240/20					

See footnotes at end of table.

Propellant-Actuated Devices—Continued

PAD device	NSN	DODIC	Series aircraft	No. per aircraft	Service life (molyr)

Mk 88 Mod 1 [1]			EA-6B	1	240/20
Mk 100 Mod 0[1]	1377-01Q46-5288	M940	FA-18A/C/B/D	1	216/18
[5]	1377-01-039-2927	MD68	FA-18B/D/E	1	216/18
Mk 101 Mod 0	1377-01-039-2928	MD69	F_ 14 D	1	180/15
Mk 123 Mod 0[2s]	1377-01-246-5280	MT30	FA-18D/F	1	180/15
			T-45A/C	1	180/15
Mk 124 Mod [.5]	1377-01-246-5281	MT31	F_14D	1	180/15
			FA-18C/D/E/F	1	180/15
			T-45A/C	1	180/15
Mk 137 Mod 0[5]	1377-99-250-2607	JL58	T-6A	1	84/7
[5]	1377-99-724-3034	JL59	T-6A	1	84/7
Mk 138 Mod 0					
Canopy Remover Rocket Motor					
Mk 109 Mod 0	1377-01-101-				1443MF56 FA-18A]C/B/D/E/F 2 132/11
Mk 109 Mod 1	[24]1377-01-454-		9321SS67FA-		18AJC/B/D/E/F2132/11
P/N Ji14716-	11377-01-057-		5431ME-		80F_16A184/7
			F_16B184/7		
P/N Jl 14716-5011377-01-058-5431ME-81F _16A184/7					
					F_ 16B184/7
Rocket Motor Divergence					
Mk 121 Mod [3]1204/17	0[2]•[3]1377-01-	242-	8859MT28TAV-		8B484/7
PIN 1143-	31377-01-053-		0587MD99F_16A		
					F_ 16B2204/17
Parachute Deployment Rocket Motor					
Mk 122 Mod	1377-01-246-5279	MT29	F_14D	2	120/106
			FA-18C/D/E/F T-	2	120/1
			45A/C	2	120/106

[1] NAVSURFWARCENDIV, Indian Head OH).

[2] Universal Propulsion Company (UPC).

3 Pacific Scientific.

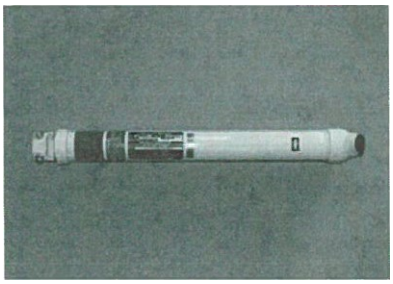
[4] Talley Defense Systems (TAC).

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

[1] Martin-Baker Aircraft Co., Ltd. (MBA).

[S]Al lots manufactured in 1998 and after are extended to 120/10; all others remain 84/7.

1. Seatback Rocket Motor Mk 79 Mod 1/2



   a. NSN: 1377-01-069-1787
   b. DODIC: MF21
   c. Service life: 132 months (1 1 years)
   d. Rocket motor WUC: 97DIM
   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
TAC97D001-0011	135	55	0	14	69	April 2008
TAC97J002-0011	171	106	2	22	130	September 2008
TAC99H002-0021	261	23		7	30	August 2010
IH-98A003-002	110	56		17	73	January 2009
IH-99M002-003	50		0	0	0	December 2010
TACOOL002-November 2011				0 0031	30	o o
TAC01E002-May 2012				0 0041 0		80 o o0
TACOOE002-0051			16o			Mav 2011
TACO IK002-006			53o			October 2012
TACO IK002-007	40			0	0	October 2012
TACO IM002-008	20	0	0	0	0	December 2012
TAC02A002-009	8	0	0	0	0	January 2013
TAC02E002-010	12		o	0	o	May 2013
Total installed:		240	2	60		
Grand total installed:					302	

ILS Notes:

1. NSWC/IHDIV 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.

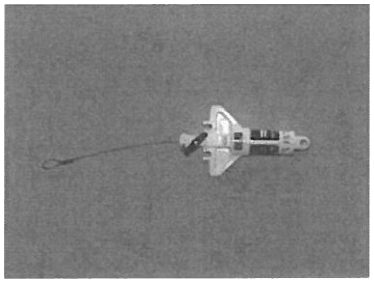
2. Quantity per lot reported installed in CAD/PAD Traceability System (CATS).

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. For information on the Mk 79 Mod 1 (MF21) conventional ordnance deficiencies on the AV-8 aircraft, see Table V.

2. WORD Rocket Motor/Drogue Release Assembly Mk 1 13 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
				UPC99DOO -001	237
				Total Service-life	
UPCOOG001-			0 002	32 9	
	o9	July 2008	0		
TAC98M003-			0		
			0		
			0		
OOl	64		66	December 2006	
TACOOJ004-003	30	2	02	September 2008	
TAC01H004-004		o	o0	August 2009	
TACOI E004-006	14	o	oo	May 2012	
Total installed:		129	1 30		
Grand total installed:			160		

ILS Notes:

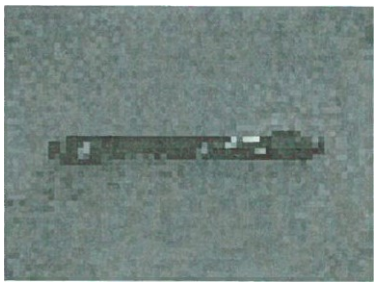
1. Quantity per lot reported installed in CAD/PAD Traceability System (CATS).

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. For information on the Mk 1 13 Mod 1 (MG67) conventional ordnance deficiencies on the A V-8 aircraft, see 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
TAC98M002-OO I	77	29	o	o	29	December 2006
TAC98M002-002	50	32	1	5	38	December 2006
TACOOB002-003A	60	24	0	4	28	February 2008
TACO 1 B002-004	126	31	o	4	35	February 2009
TAC01G002-005	11	3	o	8	11	July 2009
TAC01G002-006	24	10	o	9	19	July 2009
TAC01.J002-008	12	0		0	0	September 2010
TAC04D002-011	26	o	0		o	April 2012
Total installed:		129		30		
Grand total installed:					160	

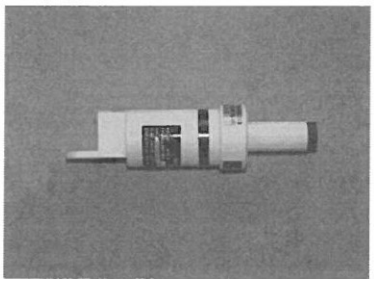
ILS Notes:

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 December 2006.
4. For information on the Mk 205 Mod 2 (X W36) conventional ordnance deficiencies on the A V-8 aircraft, see Table V.

Lot No.	Lot quantity	TAV-8B	units installed	expiration date
ESDOOAOO I-OOI	95	60	60	January 2007

UPC02L001-024	19	0	0	November 2009
TAC04DOO 1-001	19	0	o	April 2011
Total installed:		60		
Grand total installed:			60	

4. Rocket Motor Divergence Mk 121 Mod 0



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

Total Service-life

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.

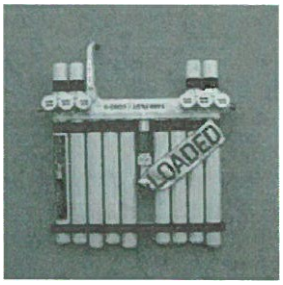
3. The next lot scheduled to expire will expire in January 2007.

4. For information on the Mk 121 Mod 0 (MT28) conventional ordnance deficiencies on the TAV-8 aircraft, see 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 O and Mod 1
e. Two per aircraft (Pilot/ECMO-3).

Lot No.	Lot quantity	EA-6B	Total units installed	Service-life expiration date
MBA85H001-018	32	30	30	August 2005
MBA86J001-021	34	34	34	September 2006
UPC86JOO 1-001 (A) or (B)	37	23	23	September 2006
MBA86J001H020	50	48	48	September 2006
MBA88B001H023	7	6	6	February 2008
MBA88E001-027	22	19	19	June 2008
MBA89F001-030	24	12	12	June 2009
IH-94L002-003A	76	49	49	November 2014
IHM-OlG002-006	70		0	July 2021
Total installed:				
Grand total installed:		240	240	

ILS Notes:

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

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

MBA85E001-015	May 2005
MBA85E001-017	May 2005
MBA85H001-018	August 2005

3. The next lot scheduled to expire will expire in September 2006.

4. For information on the Mk 86 Mod 0/ I (M938) conventional ordnance deficiencies on the EA-6B aircraft, see Table V.

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

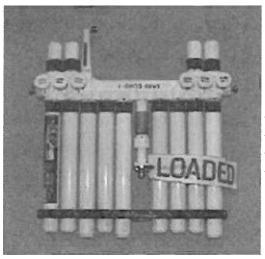
a. NSN: 1377-00-201-9545 (Mod 0), 1377-01-246-5287 (Mod 1)

b. DODIC: M939 (Mod 0), M939 (Mod l)

c. Service life: Mod 0: 240 months (20 years); Mod l : 240 months (20 years)

d. Rocket motor WUC: 97D3N Mod O and Mod 1

e. One per aircraft). (ECMO- I



Lot No.	Total Lot quantity	EA-6B	units installed	expiration date
MBA85H001-018	25	17	17	August 2005
MBA86J001 H020	39	39	39	September 2006
MBA86J001-021	18	18	18	September 2006
UPC86JOOl-001(A) or (B)	25	10	10	September 2006
MBA88B001 H023	8	8	8	February 2008
MBA88E001-025	11	0	0	May 2008
MBA88EOO -028	10	5	5	May 2008
MBA88HOOl H029	1	1	1	August 2008
MBA88EOO 1-030	12	6	6	May 2008
MBA89F001-031	11			June 2009
IH-94L002-003A	26	7	7	November 2014
IHM-O I G002-006	49		0	July 2021
Total installed:				
Grand total installed:		120	120	

Service-life

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:
   MBA85E001-015 May 2005
   MBA85E001-017 May 2005
   MBA85H001-018 August 2005

3. The next lot scheduled to expire will expire in September 2006.

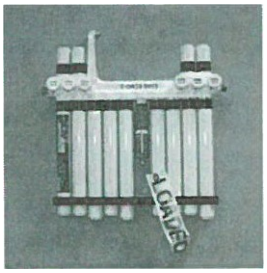
4. For information on the Mk 87 Mod 0/1 (M939) conventional ordnance deficiencies on the EA-6B aircraft, see Table V.

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

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 l : 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	units installed	expiration date
MBA85H001-018	31	11	11	August 2005
MBA86J001-021	16	16	16	September 2006
MBA88B001H023	6		o	February 2008
MBA88E001025	12	11	11	May 2008
MBA88E001-027	12		0	May 2008
MBA89F001-030	13	10	10	May 2009
IH-94L002-003A	49	38	38	November 2014
IH-94L002-004	25	6	6	November 2014
MBAOOL002-031	46	18	18	November 2020

Total	IHMO 1 G002-006	25		0	July 2021
	Total installed:		120		
	Grand total installed:			120	



Service-life

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:
   MBA85E001-015 Mav 2005
   MBA85E001-017 May 2005
   MBA85H001-018 August 2005

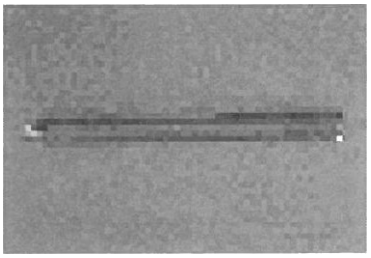
3. The next lot scheduled to expire will expire in September 2006.

4. For information on the Mk 88 Mod 0/1 (M940) conventional ordnance deficiencies on the EA-6B aircraft, see 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/97D4R
e. One per F-5E aircraft, two per F-5F(N aircraft, two per T-38 aircraft.

Lot No.	Lot quantity	F-5E	F-5F	F-5N	T-38A	T-38C	T-38N	Total units installed	Service-life expiration date
IH-96H001-048	5	0	0	1	2	2		5	August 2006
IH-98FOO -049	27	1	0	4	6	o	2	13	August 2006
IHMOOC001-051	46	6	5	2	7	2	3	25	March 2010
IHM-OOE001-052	22	2	3	1	o	o	0	6	May 2010
IHM-OOE001-052A2	9	o	o	4	o	o	o	4	Mav 2010

IHM01BOOI-053A2	5	o	o	0	o	0		o	Februarv 2011
UPC98E001-003A2	4	o	o		3	o	1	4	May 2008
Total installed:		9	8	12	18	4	6		
Grand total								57	

ILS Notes:

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

2. NSWC/IHDIV has qualified and released an CKU-7A/A (JL96) Rocket Catapult. This new unit can be used in all applications in which the CKU-7A unit is currentlv used. The CKU-7A/A is a one-for-one exchange with the CKU-7A (MS15) unit. CKU-7A units will still be issued until stock is exhausted.

3. The following lot has expired since the last publication of this report:
   IH-95E001-046 May 2005

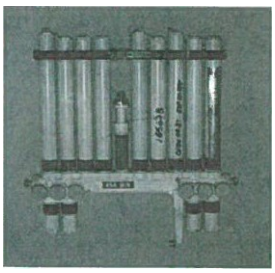
4. The next lot scheduled to expire will expire in April 2006.

5. For information on the CKU-7A (MS 15) conventional ordnance deficiencies on the F-5/T-38 aircraft, see Table

6. The CKU-7/A (MS 1 5), Rocket Catapult is being replace with CKU-7A/A (JL96). This Rocket Catapult is a one for one replacement.

F-14A/B AIRCRAFT

Martin-Baker Mk GRU-7A Ejection Seats



1. Underseat Rocket Motor Mk 74 Mod 0 and Mod I

   a. NSN: 1377-00-181-9532 (Mod 0), 1377-01-246-5282 (Mod 1)
   b. DODIC: M572 (Mod 0), M572 (Mod 1)
   c. Service life: Mod 0: 240 months (20 years); Mod 1: 240 months (20 years)
   d. Rocket motor WUC: 97DIR Mod O and Mod 1
   e. One each per aircraft (pilot).

Lot No.	Lot quantity	F-14A	F-14B	Total units installed	Service-life expiration date
MBA85H001-018	126	o	5	5	August 2005
UPC86J001-OOlA (or) B	25	o	0	0	September 2006
MBA88B001-024	15	o	3	3	February 2008

MBA88H001-026	6	o	2	2	August 2008
IH-94L002-003A	23	o	1	1	November 2014
IHM94L002-004	15	0	1	1	November 2014
IHM94L002-005	38	o	1	1	November 2014
Total installed:		o	13		
Grand total installed:				13	

ILS Notes:

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

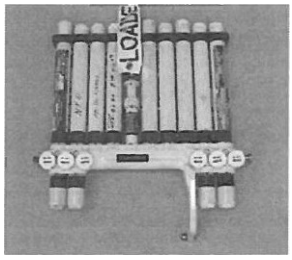
2. The following lots have expired since the last publication of this report:

MBA85E001-015	May 2005
MBA85E001-017	May 2005
MBA85H001-018	August 2005

3. The next lot scheduled to expire will expire in September 2006.

4. For information on the Mk 74 Mod 0/1 (M572) conventional ordnance deficiencies on the F-14A/B aircraft, please see Table V.

2. Underseat Rocket Motor Mk 75 Mod 0 and Mod 1



a. NSN: 1377-00-181-9533 (Mod 0), 1377-01-246-5283 (Mod l)
b. DODIC: M573 (Mod 0), M573 (Mod l)
c. Service life: Mod 0: 240 months (20 years); Mod l : 240 months (20 years)
d. Rocket motor WUC: 97D3J Mod O and Mod 1
e. One per aircraft (NFO).

Lot No.	Lot quantity	F— 14A	F-14B	Total units installed	Service-life expiration date
MBA85H001-018	134	o	4	4	August 2005
UPC86J001-001 A (or) B	25	0	0	o	September 2006
MBA88BOO 1-024	13	o	3	3	February 2008
MBA88H001-026	5	o	2	2	August 2008
IH-94L002-003A	22	0	3	3	November 2014
IHM94L002-004	12	o	1	l	November 2014
IHM94L002-005	347	o	o	o	November 2014
Total installed:		0	13		
Grand total installed:				13	

ILS Notes:

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

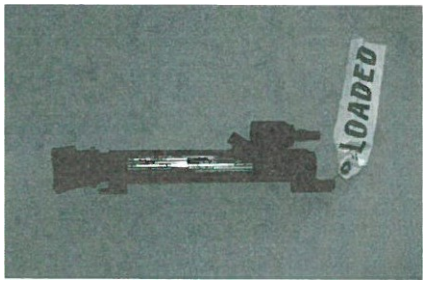
2. The following lots have expired since the last publication of this report:

MBA85E001-015	May 2005
MBA85E001-017	May 2005
MBA85H001-018	August 2005

3. The next lot scheduled to expire will expire in September 2006.

4. For information on the Mk 75 Mod 0/1 (M573) conventional ordnance deficiencies on the F-14A(B aircraft, see Table V.

F-14D AIRCRAFT



SJU-17/(V)3/A (Forward seat) and SJU-17/(V)4/A (Aft seat)

l . 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 each per aircraft (pilot and MCC)).

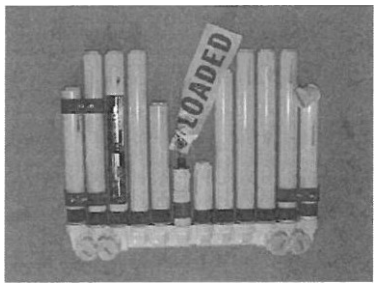
Lot No.	Lot quantity installed	F-14D	Total units	Service-life expiration date
MBA98J004-014	300	19	19	September 2008
MBA 99J004-016	206	4	4	September 2009

MBAOOF004-017	257	7	7	June 2010
UPCO E005-001	271	15	15	May 2011
UPCOI E005-002	328	4	4	May 2011
UPCOI E005-003	242		o	May 2011
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 September 2008.
4. For information on the Mk 122 Mod 0 (MT29) conventional ordnance deficiencies on the F-14D aircraft, see Table V.

2. Underseat Rocket Motor Mk 123 Mod 0 (front)



a. NSN: 1377-01-246-5280
b. DODIC: MT30
C. Service life: 180 months (15 years)
d. Rocket motor WUC: 97D4B
e. One per aircraft (pilot).

Lot No.	Lot quantity	F-14D	Total units installed	Service-life expiration date
MBA90H001-006	35	5	5	August 2005
MBA90H001-007	6	0	o	August 2005
MBA90K001-008	50	3	3	October 2005
UPC90L001H001B	17	0	o	November 2005
MBA91JOOl-009	21	3	3	September 2006
UPC91 KOO H002A	14	1	1	October 2006
MBA92COOl-OlO	10	0	o	March 2007
UPC93E002H005	27	1	1	May 2008
MBA93F002-011	54	3	3	June 2008
UPC94B003H006	80	4	4	February 2009
MBA95C003-012	236	4	4	March 2010

MBA96C003-013	71		o	March 201 1
MBA97G003-014	33	0	o	July 2012
MBA98J003-017	33	1	l	September 2013
MBA99H003-019	53	0	o	August 2014
MBA01A003-020	47		0	January 2016
MBA01E003-024	277	o	0	May 2016
MBA01F003-025	46	0	0	June 2016
Total installed:		25		
Grand total installed:			25	

ILS Notes:

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

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

MBA90H001-006	August 2005
MBA90H001-007	August 2005

3. The next lot scheduled to expire will expire in October 2005.

4. For information on the Mk 123 Mod 0 (MT30) conventional ordnance deficiencies on the F- 14D aircraft, see Table V.

Lot No.	Lot quantity	F-14D	units installed	expiration date
MBA90H001-006	68	5	5	August 2005
MBA90H001-007	36	o	o	August 2005
MBA90K001-008	91	6	6	October 2005
UPC90L001H001B	36		0	November 2005
MBA91JOOl-009	34	1	1	September 2006
UPC91K001H002A	29		o	October 2006
UPC91 H003	6	o	o	October 2006
MBA92COO 1-010	27	0	o	March 2007
UPC93D002H004	62	1	1	April 2008
MBA93F002-011	104	5	5	June 2008
UPC94C003H005	142	6	6	March 2009
MBA95C003-012	165	1	1	March 2010
MBA96C003-013	71		o	March 2011

	MBA97G003-014	70		o	July 2012	Total
Service-life MBAOI E003-	MBA98J003-017	66	0	o	September 2013	0
	MBA99H003-019	84	0	o	August 2014	0
	MBA01A003-020	76	0	o	January 2016	0

3. Underseat Rocket Motor Mk 124 Mod 0 (rear)

a. NSN: 1377-01-246-5281
b. DODIC: MT31
c. Service life: 180 months (15 years)
d. Rocket motor WUC: 97D48
e. One per F-14D and NF-14D aircraft (NFO).

024	95o	May 2016	
	MBA01F003-025	97o	June 2016
	MBA04F003-027	103o	June 2019
	UPC01E005-002	328o	May 2016

Total installed: 25

Grand total installed: 25

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:
   MBA90H001-006 August 2005
   MBA90H001-007 August 2005
3. The next lot scheduled to expire will expire in October 2005.
4. No lots have expired since the last publication of this report.
5. The next lots scheduled to expire will expire in August 2005.
6. For information on the Mk 1224 Mod 0 (MT3 1) conventional ordnance deficiencies on the F-14D aircraft, see Table V.

F-16A/B AIRCRAFT

ACES Il Seats

General Dynamics

1. Canopy Remover Rocket Motor (Right side)

a. NSN: 1377-01-327-7872
b. DODIC: MT34

c. Service life: 84 months (7 years)
d. Rocket motor WUC: 97CHO
e. One per F- 16A/B.

Lot No.		F-16A	F-16B	Total units installed	Service-life expiration date	Lot quantity
UPCOODOOI -021 [2]	14	10	4	14	April 2007	
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. For information on the ME80 conventional ordnance deficiencies used on the F-16A/B aircraft, see Table V.

2. Canopy Remover Rocket Motor (Left side)

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

Lot No.	F-16A	F-16B	Total units	Service-life expiration	Lot quantity

					installed	date
OACO	-067	14	10	4	14	April 2007
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. For information on the ME81 conventional ordnance deficiencies used on the F-16A/B aircraft, see Table V.

3. Rocket Catapult CKU-5/BA

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

Lot No.		F-16A	F-16B	Total units installed	Service-life expiration date	Lot quantity
IHMOI EOOl-024	18	10	8	18	May 2006	
Total installed:		10	8			
Grand total installed:				18		

ILS Notes:

l . 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 2006.

4. For information on the CKU-5/BA (MT47) conventional ordnance deficiencies on the F- 16A/B aircraft, see Table V.

4. Rocket Divergence

a. NSN: 1377-01-053-0587
b. DODIC: MD99
c. Service life: 204 months (17 years)
d. Rocket motor WVC: 97EAJ
e. One per F-16A, two per F-16B.

Lot No.	Lot quantity	F-16A	F-16B	Total units installed	Service-life expira tion date
UPC96GOO 1-072	18	10	8	18	July 2013
UPC96K001-024	5	o		o	October 2013
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 July 2013.
4. For information on the MD99 conventional ordnance deficiencies used on the F-16A/B aircraft, see Table V.

5. 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.	F-16A	F-16B	Total units	Service-life expiration

quantity

				installed	date
TACO I BOO 1-032	18	10	8	18	February 201 1
TACO ILOOl-035	12	0		0	November 2011
Total installed:		10	8		
Grand total installed:				18	

ILS Notes:

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

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

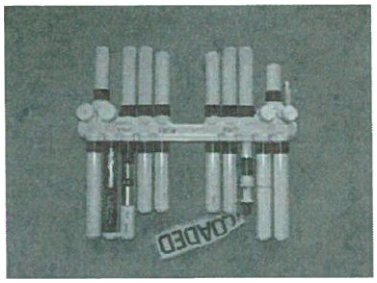
3. The next lot scheduled to expire will expire in February 2011.

4. For information on the MT32 conventional ordnance deficiencies used on the F-16A/B aircraft, see Table V.

FA-181AIBICID AIRCRAFT

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

1. Rocket Motor Mk 100 Mod O



   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	units installed	Service-life expiration date
M BAM KOO 1-024	21	0		3	1	4	October 2005
MBA87K001-025	15				1	1	October 2005
MBA88B001-026	23		0	11	3	14	February 2006
MBA88G001-027	5	0		o		0	July 2006
MBA88B001-028	11			2		2	February 2006
MBA88G001-029	55	1	0	23	3	27	July 2006
MBA88GOO 1-031	16			3	o	3	July 2006
MBA89A001-033	128	33	11	8	1	53	January 2007
MBA89B001-032	66	2	o	30	21	53	February 2007
MBA89FOO 1-034	8	0		4	2	6	June 2007
MBA91B001-038	66	23	5	6	1	35	February 2009
MBA93C002-040	182	50	12	19	7	88	March 2011
MBA94C003-041	46	10	3	15	5	33	March 2012
MBA96L003-047	47	11	o	15	5	31	November 2014
MBA99M003-050	7			5	1	6	December 2017
MBA02A002-055	75		o	3	0	3	January 2020
Total installed:		130	31	147	51		
Grand total installed:						359 Total	

ILS Notes:

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

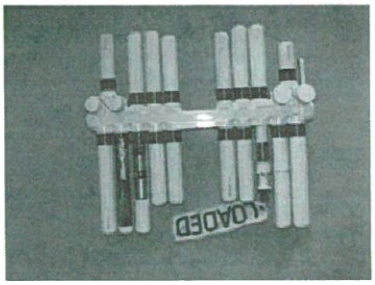
2. No lots have expired since the last publication of this report.

3. The next lots scheduled to expire will expire in October 2005.

4. For information on the Mk 100 Mod 0 (MD68) conventional ordnance deficiencies on the FA- 1 8 aircraft, see 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
MBA87K001-024	2
MBA87K001-025	3
MBA88B001-026	7
MBA88G001-029	8
MBA89A001-033	25
MBA89BOO 1-032	30
MBA91B001-038	17
MBA93C002-040	23
MBA94C003-041	33
MBA96L003-047	47
MBA99M003-050	15
MBA02A002-055	15
Total installed:	
Grand total installed:	
Total Service-life	

ILS Notes:

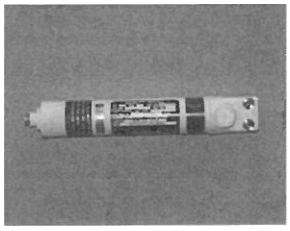
l . Quantity per lot reported installed in CAD/PAD Traceability System (CATS).

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

3. The next lots scheduled to expire will expire in October 2005.

4. For information on the Mk 101 MOD 0 (MD69) conventional ordnance deficiencies on the F-18 aircraft, see Table V.

3. Rocket Motor Mk 109 Mod O and Mod I



a. NSN: 1377-01-101-1443 (Mod 0), 1377-01-454-9321 (Mod l)
b. DODIC: MF56 (Mod 0), SS67 (Mod 1)
c. Service life: 132 months (1 1 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
UC95D001-044	29	0		0		0	April 2006
UPC95GOOl-045	27	o	0	0	o	0	July 2006
UPC95HOO -046	25			0		o	August 2006
UPC95LOOl-047	20	o		0	0	0	November 2006
UPC96BOOl-048	48	6	2	23	6	37	February 2007
UPC96COO I -049	8	o	0		0	o	March 2007
UPC96GOO 1-050	195	23	4	43	29	99	July 2007
UPC96EOO 1-051	18	o	0		0	o	May 2007
UPC97BOOl-February 2008			0 0	053	4	o0	0 0
UPC97GOOl-2008			0 0	054		7	o0 0 July

UPC97G001-055	6			00			July 2008
UPC98BOOl-056			580			0	February 2009
Total installed MOD O:		29	6	66	35	135	
UPC99B001-0571	12	0		0	o	o	February 2010
IH-98D001-0011	57	10	4	19	10	43	April 2009
TAC99D001-0021	250	66	10	36	18	130	April 2010
TACOOA001-0031	273	34	9	5		105	January 2011
TAC01H001-0051	109	6	5		4	22	August 2012
TAC01K001-0061	121	33	8	5	5	51	October 2012
TAC01M001-0071	2	0			0	o	December 2012
TAC02K001-0081	85	6	o	12	5	23	March 2013
TAC02M002-0011	175	53	22	85	14	174	December 2013
TAC03C001-0091	39	9		3	o	12	March 2014
TAC03M001-0101	361	12	2	6	o	20	December 2014
UCOOIFOOI-OOII	86	2		2	o	4	June 2012
TAC04C001-013	251			0	0	o	March 2015
UPC05C001-0021	381	o		0		o	March 2016
Installed: MOD 1		231	60	230	63	584	
Installed MOD O		29	6	66	35	135	
Overall total:		260	66	296	98	719	

ILS Notes:

1. NSWC/IHDIV 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 currentlv 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:
   TAC94A002-001A January 2005 UPC94D001-043 April 2005

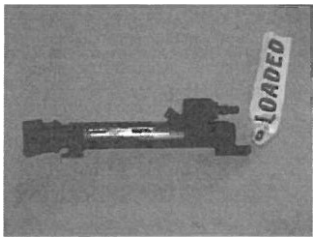
4. The next lot scheduled to expire will expire in April 2006

5. For information on the Mk 109 Mod 0/1 (MF56/SS67) conventional ordnance deficiencies on the F-18 aircraft, see Table V.

FA-18C/D/E/F AIRCRAFT

SJU-171N)21A FIA-18D (Forward seat) and SJU-17/(V)1/A FIA-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-18C	FA-18D	FA-18E	FA-18F	Total units installed	Service-life expiration date
MBA98J004-014	300	77	45	7	20	149	September 2008
MBA99J004-016	206	56	33	15	37	141	September 2009
MBAOOF004-017	257	36	30	22	54	142	June 2010
UPCOI E005-OOl	271	38	51	31	69	189	May 201 1
UPC01E005-002	328	28	14	18	30	90	May 2011
UPCOI E005-003	242	0	0	9	35	44	May 2011
Total installed:		235	173	102	245		
Grand total installed:						755	

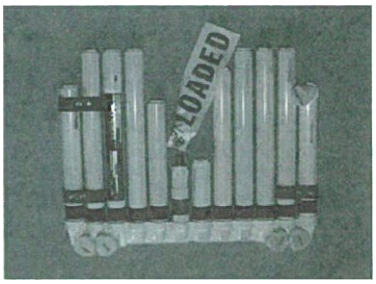
ILS Notes:

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. For information on the Mk 122 Mod 0 (MT29) conventional ordnance deficiencies on the F- 1 8 aircraft, see Table V.

2. Underseat Rocket Motor Mk 123 Mod 0

   a. NSN: 1377-01-246-5280
   b. DODIC: MT30
   c. Service life: 180 months (15 years)
   d. Rocket motor WUC: 97D4B

e. One per F/A- 181) and F aircraft (pilot).



ILS	Lot No.	quantity	FA-18D	FA-18F	Total units installed	Service-life expiration date	Lot
	MBA90H001-006	35	2	o	2	August 2005	
	MBA90H001-007	6	o	o	0	August 2005	
	MBA90K001-008	50	3	0	3	October 2005	
	UPC90L001H001B	17			o	November 2005	
	MBA91J001-009	21	2		2	September 2006	
	UPC91K001H002A	14	1	0	1	October 2006	
	MBA92C001-010	10	0	0	o	March 2007	
	UPC93E002H005	27	7	0	7	May 2008	
	MBA93F002-011	54	16		16	June 2008	
	UPC94B003H006	80		12	36	February 2009	
	MBA95C003-012	236	13	1	14	March 2010	
	MBA96C003-013	71	4	3	7	March 2011	
	MBA97G003-014	33	10	8	18	July 2012	
	MBA98J003-017	33	6	7	13	September 2013	
	MBA99H003-019	53	0	25	25	August 2014	
	MBA01A003-020	47		26	26	January 2016	
	MBAO E003-024	277		31	31	May 2016	
	MBA01F005-025	46		12	12	June 2016	
	Total installed:		88	125			
	Grand total installed:				213		

Notes:

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

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

MBA90H001-006 August 2005

MBA90H001-007 August 2005

3. The next lot scheduled to expire will expire in October 2005.

4. For information on the Mk 123 Mod 0 (MT30) conventional ordnance deficiencies on the F- 18 aircraft, see Table V.

---

3. Underseat Rocket Motor Mk 124 Mod 0

a. NSN: 1377-01-246-5281
b. DODIC: MT31
c. Service life: 180 months (15 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-18C	FA-18D	FA-18E	FA-18F	Total units installed	Service-life expiration Date
MBA90H001-006	68	3	1	o		4	August 2005
MBA90H001-August 2005				0 0	007	36	1 1o 2
MBA90K001-October 2005				0 0	008	91	630 9
UPC90L001H001B	36	1		oo		1	November 2005
MBA91JOOl-009	34	8		50		13	September 2006
UPC91 KOO I H002A	29	2	3	o	0	5	October 2006
UPC91 KOO 1 October 2006				0 0	H003	6	00 0
MBA92C001-March 2007				0 0 0	010	27	9 20 1 1
UPC93D002H004	62	2		4o		6	April 2007
MBA93F002-011	104	57			765		June 2008
UPC94C002H005	142	54			3084		March 2009
MBA95C003-012	165	75	10	1 1	13	109	March 2010
MBA96C003-013	71	6	4			1 1	March 201 1
MBA97G003-014	70	1 1	12	11	1	48	July 2012
MBA98J003-017	66	2	5	7	9	23	September 2013

MBA99H003-	100	019		8423	20	44	August 2014
MBA01A003-2016	100	020	760	21	28	49	January
MBA01E03-024	958	18	26 May 2016	MBA01F003-025	97	22	20 42 June 2016
UPCOI E005-002	50	1	0	0	1	May 2016	
Total installed:		239	87	103	124		
Grand total installed:					553		

ILS Notes:

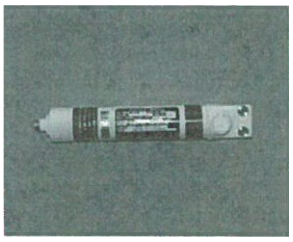
1. Quantity per lot reported installed in CAD/PAD Traceability System (CATS).

2. The following lots have expired since the last publication of this report:
   MBA90H001-006 August 2005
   MBA90H001-007 August 2005

3. The next lots scheduled to expire will expire in October 2005.

4. For information on the Mk 124 Mod 0 (MT3 1) conventional ordnance deficiencies on the F- 1 8 aircraft, see 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 (l I years)
d. Rocket motor WUC: 97D47
e. Two per F/A-18
f. For NACES FA-18 Aircraft.

Lot No.	Lot quantity	FA-18C	FA-18D	FA-18E	FA-18F	Total units installed	Service-life expiration date
UPC95DOO 1-044	29	12		2		14	April 2006
UPC95GOO 1-045	27	17		1	1	19	July 2006
UPC95H001-046	25	18		0	1	19	August 2006
UPC95LOO 1-047	20	15	o			15	November 2006
UPC96B001-048	48		0		0	0	February 2007
UPC96C001-049	8	5		1	2	8	March 2007
UPC96G001-050	195	10	o	28	32	70	July 2007
UPC96EOO 1-051	18	14		0		14	May 2007
UPC97B001-053	18	8	5	2	0	15	February 2008

UPC97G001-054	14	7	9		0	16	July 2008
UPC97G001-055	6	4	0		0	4	July 2008
UPC98B001-056	58	6	18	18	16	58	February 2009
Total installed:		117	32	52	52	253	
TAC99D001-0021	250	29	14	14	16	73	April 2010
IH-98D001-0011	57	2	0			2	April 2009
TACOOAOOI-0031	273	66	22	23	33	144	January 2011
TAC01H001-0051	109	47	14	8	10	79	August 2012
TAC01K001-0061	121	27	3	13	27	70	October 2012
TACOIMOOI-0071	2		o	o	o	o	December 2012
TAC02K001-0081	85	10	6	28	18	62	March 2013
TAC02M001-0011	337	102	30	17	14	163	December 2013
TAC03M001-0091	39	12	10			22	December 2014
TAC03M001-0101	361	73	29	4	20	126	December 2014
TAC04C001-0131	241	o	o	0	2	2	March 2015
UCOOIFOOI-OOI	86	o	4	36	37	77	June 2012
UPC99B01-0571	57	o	10	12	16	38	February 2010
UPC05C001-0021	381		o			o	March 2016
Installed: MOD 1		368	142	155	193	858	
Installed: MOD O		117	32	52	52	253	
Overall total:		485	174	207	245	1	

ILS Notes:

1. NSWC/IHDIV has qualified and released a Mk 109 Mod 1 (SS67) Canopv Jettison Rocket Motor. This new unit can be used in all applications in which the Mod 0 unit is currentlv used. The Mod I 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).

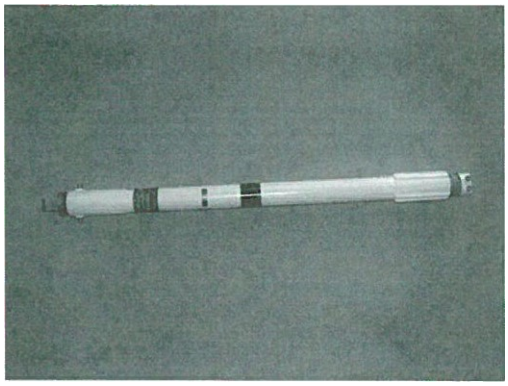
3. The following lots have expired since the last publication of this report:
   TAC94C002-001A January 2005 UPC94D001-043 April 2005

4. The next lots scheduled to expire will expire in April 2006

5. For information on the Mk 109 Mod 0/1 (MF56/SS67) conventional ordnance deficiencies on the F-18 aircraft, see Table V.

OV-IOA AIRCRAFT

North American LW-3B Ejection Seats



1. Rocket Catapult Mk 12 Mod I

   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-IOA installed	Total units installed	Service-life expiration date
IH-96KOO 1-007	10	6	6	October 2006
IHOOC002-009	14	10	10	March 2010
IHM02B002-020	21	4	4	February 2012
Total installed:		20		
Grand total installed:			20	

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 2006.
4. For information on the Mk 12 Mod I (MC77) conventional ordnance deficiencies on the OV- 10 aircraft, see Table V.

T-6A AIRCRAFT

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

2. 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: 97SlD
e. One per aircraft T-6A (Fwd Seat)

Lot No.	Lot quantity	A	Total units installed	Service-life expiration date
MBA98M001-006	1	1	1	December 2005
MBAOOK001-025	2	2	2	October 2007
MBAOlGOOl-027	10	10	10	July 2008
MBAOlG001-031	1	1	1	July 2008
MBAOlK001-029	2	2	2	October 2008
MBAOI KOO 1-033	4	4	4	October 2008
MBAOI KOO 1-034	3	3	3	October 2008
MBAOlKOOl-035	5	5	5	October 2008
MBAOlK001-036	6	6	6	October 2008
MBAOlK001-038	2	2	2	October 2008
MBA02JOOl-039	1	1	1	September 2009
MBA03COO 1-040	1		1	March 2010
MBA03FOO 1-042	4	4	4	June 2010
MBA03FOOl-043		1	1	June 2010
Total installed:		43		
Grand total installed:			43	

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 December 2005.
4. For information on the Mk 137 Mod 0 (JL58) conventional ordnance deficiencies on the T-6A aircraft, see 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: 97S 1 E
e. One per T-6A aircraft (Aft Seat).

Lot No.	Lot quantity	T-6A	Total units installed	Service-life expiration date
MBA98M001-006	1	1	1	December 2005
MBAOOKOO 1-022	2	2	2	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	5	5	October 2008
MBA01K001-035	3	3	3	October 2008
MBA01KOOl-037	5	5	5	October 2008
MBA01K001-038	1		1	October 2008
MBA02J001-039	1	1	1	September 2009
MBA03COO 1-040	1		1	March 2010
MBA03COO 1-041			1	March 2010
MBA03F001-042			1	June 2010
MBA03F001-043	4	4	4	June 2010
Total installed:		43		
Grand total installed:			43	

ILS Notes:

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

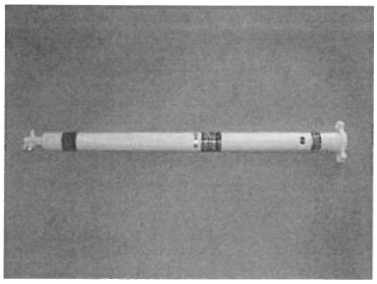
2. No lots have expired since the last publication of this report.

3. The next lot scheduled to expire will expire in December 2005

4. For information on the Mk 138 Mod 0 (JL59) conventional ordnance deficiencies on the T-6A aircraft, see Table V.

S-3B AIRCRAFT

Douglas ESCAPAC I E-I Ejection Seats



1. Rocket Catapult Mk 16 Mod I

a. NSN: 1377-01-040-9324
b. DODIC: MD 72
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
UPC93B004-031	14	3	3	February 2006
UPC97B001-032	7		1	February 2010
UPC99JOO 1-034	173	79	79	September 2012
UPC99L001-035	183	93	93	November 2012
UPC02C001-036	193	90	90	March 2015
UPC03B001-037	151		o	February 2016
Total installed:		265		
Grand total installed:			265	

ILS Notes:

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

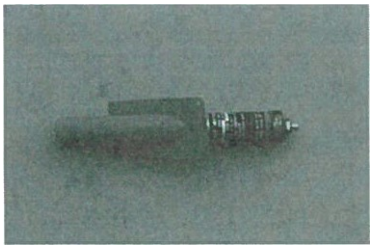
2. No lots have expired since the last publication of this report.

3. The next lot scheduled to expire will expire in February 2006.

4. For information on the Mk 16 Mod I (MD72) conventional ordnance deficiencies on the S-3B aircraft, see Table V.

Rocket Mk Mod

2. Motor 82 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 1 971)12
e. Two per aircraft (copilot/TACCO).

Lot No.	Lot quantity	S-3B	Total Units Installed	Service-life expiration date
UPC93B001-021	391	113	113	February 2009
UPC94C001-022	25	7	7	March 2010
UPC99F001-003A1	10	2	2	June 2006
UPCOOE001-0041	90	6	6	May 2007
IHMOOB002-0061		4	4	February 2007
Total installed:		132		
Grand total installed:			132	

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 currentlv being used. The Mod 1 is a one-for-one exchange with the Mk 82 Mod O (M928) unit. Mod O units will still be issued until stock is exhausted.

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

3. Indian Head has changed its manufacturer's identification symbol from IH to IHM.

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

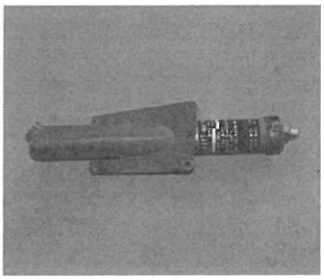
Rocket Motor Mk Mod

5. The next lot scheduled to expire will expire in June 2006.

6. For information on the Mk 82 Mod 0 (M928) conventional ordnance deficiencies on the S-3B aircraft, see Table V.

Service-life ILS Notes:	Lot No.	Lot quantity	S-3B	units installed	expiration date	Total
	IH-99H001-0051	106	49	49	August 2006	
	IHMOOB002-0061	110	65	65	February 2007	
	UPCOOEOO I -002	22	15	15	May 2007	
	UPC04GOO I -004	31	0	0	July 201 1	
	UPC04LOO -005	50	o	0	November	
	Total installed:		129		2011	
	Grand total installed:			129		

3. Rocket Motor Mk 90 Mod 0/1 (Man/Seat Separator, Right)



a. NSN: Mod 0 1377-00-201-9554/Mod 1 1377-01-412-6462
b. DODIC: MC51/MU75
c. Service life: Mod 0: 192 months (16 years); Mod 1: 84 months (7 years)
d. Rocket motor WUC: Mod 0 97D3Q/Mod 1 97D3S
e. Two per aircraft (Pilot/SENSO).

1. Indian Head has changed its manufacturer's identification symbol from IH to 11--1M.

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 August 2006.

5. For information on the Mk 90 Mod 0/1 (MC51/MU75) conventional ordnance deficiencies on the S-3B aircraft, see Table V.

ILS Notes:

	Total life	Service-

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

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	units installed	expiration date
ESDOOBOOI-OOII	105	50	50	February 2007
ESDOOH001-0021	122	54	54	August 2007
UPC02L002-005	98			November 2009
Total installed:		128	4	
Grand total installed:			128	

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

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

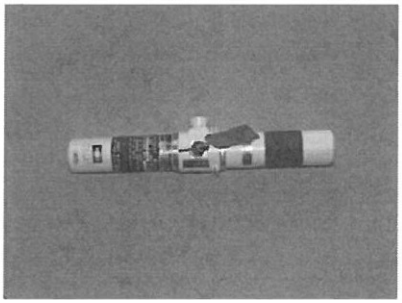
4. For information on the Mk 83 Mod 0 (M929) conventional ordnance deficiencies on the S-3B aircraft, see Table V.

Moto
r

ILS Notes:

Lot No.	Lot quantity	S-3F
TAC93LOO I-006A	107	39

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.

	Total	Service-		
	life			
TAC95JOO 1-007A	86	62		
TAC96HOO 1-00 IA	286	140		
TACOOK001-008	96	23		
TACO 1 GOO 1-009	96	o		
Total installed:		264		
Grand total installed:				

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 November 2006.
4. We have not received any information on Mk 84 Mod 2 (MF57) conventional ordnance deficiencies on the S-3B aircraft.

Lot No.	Lot quantity	S-3B	units installed	expiration date
ESD99M001-001	121	64	64	December 2006
ESDOOKOO 1-002	121	36	36	December 2006
ESDO I-003A	131	22	22	June 2008

UPC02L002-016	89	10	10	November
Total installed:		132		2009
Grand total installed:			132	

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).

Total Service-life

ILS Notes:

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

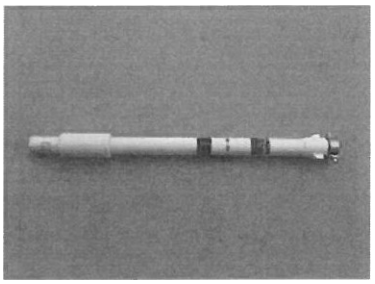
2. No lots have expired since the last publication of this report.

3. The next lot scheduled to expire will expire in December 2006.

4. For information on Mk 85 Mod 0 (M932) conventional ordnance deficiencies on the S-3B aircraft, see Table V.

T-2C SERIES AIRCRAFT

North American LS-IA 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: 97DlF
   f. This device also can be utilized in the LS-I configuration seat, if installed in pairs.

Lot No.	Lot quantity	T-2C	Total units installed	Service-life expiration Date
IH-96KOOl-016	56	12	12	October 2006
IH-96KOOl-017	27	0	0	October 2006
IH-99F002-018		36	36	June 2009
IH-OOC002-019	31	2	2	March 2012
IHM02B002-020	12	0		February 2012
Total installed:		60		
Grand total installed:			60	

ILS Notes:

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

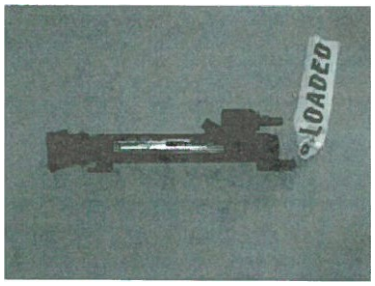
2. The following lots have expired since the last publication of this report:
   IH-95C001-015 March 2005

3. The next lot scheduled to expire will expire in October 2006.

4. For information on Mk 18 Mod 0 (M941) conventional ordnance deficiencies on the T-2C aircraft, see Table V.

T-45A/C AIRCRAFT

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



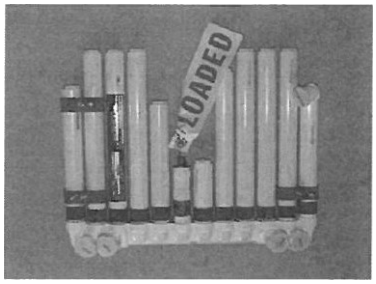
1. Parachute Deployment Rocket Motor Mk 122 Mod 0
   a. NSN: 1377-01-246-5279
   b. DODIC: MT29
   c. Service life: 120 months (10 years)
   d. Rocket motor WUC: 97D4A
   e. Two per aircraft.

Lot No.	Lot quantity	T-45A	T-45C	Total units installed	Service-life expiration date
MBA98J004-014	300	50	31	81	September 2008
MBA99J004-016	206	15	29	44	September 2009
MBAOOF004-017	257	17	47	64	June 2010
UPCOlE005-001	271		58	98	May 2011
UPCO 1 E005-002	328	19	27	31	May 2011
UPC01E005-003	242	1	2	3	May 201 1
Total installed:		144	194		
Grand total installed:				321	

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. For information on the Mk 122 Mod 0 (MT29) conventional ordnance deficiencies on the T-45 aircraft, see Table V.

2. Underseat Rocket Motor Mk 123 Mod 0



a. NSN: 1377-01-246-5280
b. DODIC: MT30
c. Service life: 180 months (15 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
MBA90H001-006	35	3	0	3	August 2005
MBA90H001-007	6	1	0	1	August 2005
MBA90K001-008	50	1	0	October 2005 1	
UPC90L001H001B			17	November 2005 0 1	
MBA91J001-009	21		o	September 2006 1	
UPC91KOO 1 H002A	14			1October 2006	
MBA92COO 1-010	10	5	0	5	March 2007
UPC93E002H005	27		0		May 2008
MBA93F002-Ol I	54	29	4	33	June 2008
UPC94B003H006	80	24	8	32	February 2009
MBA95C003-012	236	9	7	16	March 2010
MBA96C003-013	71	0	7	7	March 201 1
MBA97G003-014	33	2	13	15	July 2012
MBA98J003-017	33	o	9	9	September 2013
MBA99H003-019	53	o	18	18	September 2014
MBA01A003-020	47	o	17	17	January 2016
MBAO E003-024	277		14	14	May 2016
MBA01F003-025	46		1	1	June 2016
Total installed:		77	98		
Grand total installed:				175	

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:

MBA90H001-006 August 2005
MBA90H001-007 August 2005

3. The next lots scheduled to expire will expire in October 2005.

4. For information on Mk 123 Mod 0 (MT30) conventional ordnance deficiencies on the T-45 aircraft, see Table V.

3. Underseat Rocket Motor Mk 124 Mod 0

a. NSN: 1377-01-246-5281
b. DODIC: MT31
c. Service life: 180 months (15 years)
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
MBA90H001-006	68	1	o	1	August 2005
MBA90H001-007	36		o		August 2005
MBA90K001-008	91	1	o	1	October 2005
UPC90L001H001B	36			o	November 2005
MBA91J001-009	34	3	o	3	September 2006
UPC91 KOO 1 H002A	29	2	0	2	October 2006
UPC91 KOO 1 H003	6		o		October 2006
MBA92C001-010	27	5	o	5	March 2007
UPC93D002H004	62	2	o	2	April 2008
MBA93F002-011	104	23	o	23	June 2008
UPC94C003H005	142	25	9	34	March 2009
MBA95C003-012	165	4	5	9	March 2010
MBA96C003-013	71	1	7	8	March 2011
MBA97G003-014	70	5	16	21	July 2012
MBA98J003-017	66	0	15	15	September 2013
MBA99H003-019	84		16	16	August 2014
MBA01A003-020	76	0	16	16	January 2016
MBA01E003-024	95		13	13	May 2016
MBAOI F003-025	97		1	1	June 2016

UPC01E005-002	45			0	May 2016
Total installed:		72	98		
Grand total installed:				154	

ILS Notes:

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

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

MBA90H001-006	August 2005
MBA90H001-007	August 2005

3 The next lots scheduled to expire will expire in October 2005.

4 We have not received any information on Mk 124 Mod 0 (MT3 1) conventional ordnance deficiencies on the T-45 aircraft.

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 1 1-100-1. I -CD at the time this report was printed; NAVAIR 1 1-100-I. I -CD is the official source for the service life of PAD devices. Table Il identifies each PAD device by DODIC, propellant type, explosive weight, manufacturer, NA VAIR part number, applicable specification (procurement description), applicable aircraft, and aircraft manufacturer. Table Ill 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 12 months.

Table l. Service-Life Listing[a]
[As of 31 August 2005]

Device	Service life (mo)	Operating range
Rocket Catapult		
Mk 12 Mod 1120—40 to Mk 16 Mod 1156—40 to Mk 18 Mod O120—40 to 165 CKU-548—40 to 165	165 160 CKU-	7A120—40 to 160
Man/Seat Separators		
Mk 82 Mod O	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 O	84	—40 to 160
Mk 85 Mod O	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 O	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
Underseat Rocket Motor		
Mk 137 Mod O84-65 to	165	
Mk 138 Mod O84-65 to	165	
Mk 74/75 Mod O240—40 to Mk 86/87/88 Mod O240—40 40 to 160	160 Mk 74/75 to 160 Mk	Mod 1240—40 to 160 86/87/88 Mod 1240—
Mk 100 Mod O204—40 to	160	
Mk 101 Mod O204—40 to	160	
Mk 123 Mod O180-65 to	165	
Mk 124 Mod O180-65 to	165	
Canopy Remover Rocket Motor		
Mk 109 Mod O132-65 to P/N Ji14716-1 (FRS)84—65 to 200	165 Mk 109 200 P/N Jl	Mod 1132-65 to 165 14716-501 (LS)84-65 to
	Rocket Motor	Divergence
Mk 121 Mod O 84 —40 to 160 P/N 1143-3 204 —40 to 160		
Parachute Deployment Rocket Motor		
Mk 122 Mod O	84	-65 to 165

[a]Official listing maintained in NAVAR 11-100-1. I-CD.

Table 11. Propellant-Actuated Devices Summary

[As of 31 August 2005]

	DODIC	Propellant type	Explosive weight	Manufacturer	Part number	Specification	Aircraft	Aircraft manufacturer
Rocket Catapults (Navy)								
Mk 12 Mod	MC77				1CTPB5.00Indian	MIL-DTL-85097/9A(AS)	OV-10A	HeadNAVAR 709ASIOORockwell
International	MD72	Corp.			PIN 31276	MIL-DTL-85097/1B	S-3A, TA-4J	
Mk 16 Mod	M941				1CTpB7.00Indian	MIL-DTL-85097/12(AS)	T-2	HeadNAVAR 736AS300Lockheed

California Corp. upco(1000-6)McDonnell Douglas

Mk 18 MOd OCTPB5.00Indian HeadNAVAR 707ASIOORockwell International Corp.

Rocket Catapults (Air Force)

CKU-	MS15					MIL-C-48568	F-5E F-5F T-38	7ACTPB6.40Indian HeadFi1820361Northrop
Corp.	MT47			UPCO		MIL-C-82734A	F-16A/B	

CKU-5B/ACTBP7.00Indian Head5184322General Dynamics

UPCO

Rocket Motors

Mk 137 Mod	JL58	Doubl		O Double	Base5.68Martin-		T-6A	
	JL59	Doubl					T-6A	
	M572	Doubl				MIL-A-85097/8B(AS)	F-14A F-14B NF-14A NF-14B	
	M572	Doubl				MIL-A-85097/8B(AS)	F-14A/B	
	M573	Doubl				MIL-A-85097/8/B(AS)	F-14A/B	
	M573	Doubl				MIL-A-85097/8B(AS)	F-14	
	MF21	CTPB CTPB				MIL-A-85097/3C(AS)	AV-8B NAV-8B TAV-8B	
	MF21	HTPB HTPB				MIL-A-85097/3C(AS)	AV-8B NAV-8B TAV-8B	
	M928	CTPB				MIL-DTL-85097/5B(OS)	S-3B	
	MU&^							
	M929	CTPB				MIL-DTL-85097/6A (AS)	S-3B ES-3A	
	MF57	CTPB				MIL-DTL-85097/7D(OS)	S-3B ES-3A	
	M932	CTPB				MIL-DTL-85097/6A(AS)	S-3B ES-3A	
	M938	Doubl				MIL-A-85097/8B(AS)	EA-6B	
	M938	Doubl				MIL-A-85097/8B(AS)	EA-6B	
	M939	Doubl				MIL-A-85097/8B(AS)	EA-6B	
	M939	Doubl				MIL-A-85097/8B(AS)	EA-6B	

BakerMBEU185620Raytheon

Mk 138 Mod O Double Base5.68Martin-BakerMBEU185621Raytheon

Mk 74 Mod O Double Base6.40Martin-BakerNAVAR 4904093Grumman Aerospace Corp. (Pilot)UPCO(MB-300-1205)

Mk 74 Mod 1 (Pilot) Double Base6.40Indian Head759AS130Grumman Aerospace Corp.

Mk 75 Mod O Double Base6.40Martin-BakerNAVAR 4904094Grumman Aerospace Corp. (NFO)UPCO(MB-300-1206)

tvlk 75 Mod 1 Double Base6.40 Indian Head 759AS140 Grumman Aerospace Corp (NFO)

Mk 79 Mod 1 (SBR)2.70Indian HeadNAVAIR 672AS200Hawker-Siddeley/ McDonnell TalleyPIN 50579-5

Mk 79 Mod 2 (SBR)2.70Indian HeadNAVAIR 672AS200Hawker-Siddeley/ McDonnell TalleyPIN 50579-7

Mk 82 Mod O0.60UPCONAVAIR 944AS100Lockheed California Corp.
(Man/Seat1033-2 (UPC)
Separator, Left)
MK 82 MOD 1

Mk 83 Mod O0.05UPCONAVAR 946ASIOOLockheed California Corp.
(Low Yaw Thruster)Pacific1105-1 (UPC) Scientific

Mk 84 Mod 21.12TalleyNAVAR 503AS200Lockheed California Corp.
(Vernier Rocket)UPCO(50436-9)

(1340-2)

Mk 85 Mod O0.10UPCONAVAR 989ASIOOLockheed California Corp.
(High Yaw Thruster)Pacific1136-1 (UPC) Scientific

Mk 86 Mod O Double Base6.40Martin-BakerNAVAR 4904171Grumman Aerospace Corp. (PiloVECMO-3)UPCO(MB-200-610)

Mk 86 Mod 1 Double Base6.40Indian Head759AS170Grumman Aerospace Corp.
(PilotiECMO-3)

Mk 87 Mod O Double Base6.40Martin-BakerNAVAR 4904172Grumman Aerospace Corp. (ECMO-I)UPCO(MB-200-612)

Mk 87 Mod 1 Double Base6.40Indian Head759AS180Grumman Aerospace Corp.
(ECMO-I)

Table II—Continued

	DODIC	Propellant type	Explosive weight (1b)	Manufacturer	Part number	Specification	Aircraft	Aircraft manufacturer

	M940	Double Base	6.40		NAVAR 4904173 (MB-200-614)	MIL-A-85097/8B(AS)	EA-6B	Grumman Aerospace Corp.
	M940	Double Base	6.40		759190	MIL-A-85097/8B(AS)	EA-6B	Grumman Aerospace Corp.
	MU75	CTPB	0.60		NAVAR 970AS201	MIL-DTL-85097/5B(OS)	S-3B ES-3A	Lockheed California Corp.
	MD68	Double Base	6.60		MBEU-69025-2 NAVAR 1176AS200	MIL-A-85097/8B	FA-18A FA- 18B FA-18C F 18D F 18B	McDonnell Douglas
	MD69	Double Base	6.60	Martin-Baker UPCO	MBEU-69028-2 NAVAR 1176AS300	MIL-A-85097/8B		McDonnell Douglas
Mk 88 Mod O (ECMO-2)	MF56	CTPB	1.0	Indian Head	P/N-50656-5 NAVAR 1507ASIOO	MIL-DTL-85097/13C	FA- 18D	McDonnell Douglas (Boeing)
Mk 88 Mod 1 (ECMO-2)				Indian Head			FA-18A 18B	
Mk 90 Mod 1	SS67		1.0	Martin-Baker	1507AS201	MIL-DTL-85097/13A(OS)	FA-18D F 18F	McDonnell Douglas (Boeing)
Mk 100 Mod O				Martin-Baker			FA-18A FA-18B FA-18C FA-18D	
Mk 101 Mod O	MG67	CTPB HTPB	0-288	Indian Head Talley	NAVAR 673AS200 P/N 50885-1	MIL-DTL-85097/1 ID(OS)	F 18E	Hawker-Siddeley/ McDonnell Douglas
Mk 109 Mod O	MT28	CTPB	0.22	UPCO	P/N 1163-3 (UPC) NAVAR 673AS300	MIL-A-85097/15	FA-18F	McDonnell Douglas
Mk 109 Mod 1	MT29	Double Base	0.5	Indian Head UPCO	2-102370-2 (Pac Sci) MBEU-146190	MIL-A-85097/16	AV-8B TAV-8B TAV-8B	McDonnell Douglas British Aerospace/ McDonnell Douglas
Mk 113 Mod 1	MT30	Double Base	6.8	UPCO Talley UPCO	MBEU-142801	MIL-A-85097/17	FA-18C FA-18D, FA- 18E F 18F	Grumman Aerospace Corp. McDonnell Douglas
Mk 121 Mod O (Divergence)	MT31	Double Base	6.8	Pacific Scientific Martin-Baker	MBEU-142802	MIL-A-85097/17	T-45 A T-45C F_14D	Grumman Aerospace Corp. McDonnell Douglas
Mk 122 Mod O				UPCO			FA- 18C FA- 18D FA-18F	British Aerospace/ McDonnell Douglas
Mk 123 Mod O	XW36 ME-80	CTPB HTPB CTPB	0.25 .0.7	Martin-Baker UPCO	NAVAR 772AS400 P/N 5913-5 2820100-1	MIL-DTL-85097/2E	T-45A T-45C F_ 14D 18C FA-180	Grumman Aerospace Corp. Hawker-Siddeley/ McDonnell Douglas General Dynamics
Mk 124 Mod O				Martin-Baker UPCO			FA-18E FA-I BF	
Mk 205 Mod 2				Talley			T-45 A T-45C F_14 D	
P/N 2820100-1 (Canopy Remover, Right)				Ordnance Engineering Assoc. Inc			AV-8B TAV-8B F-16A/B	

Table II—Continued

Device	DODIC	propellant type	Explosive weight (1b)	Manufacturer	Part number	Specification	Aircraft	Aircraft manufacturer
PIN 2820100-2 (Canopy Remover, Left)	ME-81	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		F-16AB	General Dynamics
PIN 50436-11 (Vernier Rocket)	MT32	CTPB	1 .1	Talley Inc.	P/N 50436-11		F-16A/B	General Dynamics

Table Ill. Total Installed Assets

[As of 31 August 2005]

PAD device	DODIC	Aircraft	Quantity installed (ea)	Total quantity installed (ea)
Mk 12 Mod 1		ov-10	20	20
Mk 16 Mod 1	MC77	S-3B	265	265
Mk 18 Mod O	MD72	TQC	60	60
CKU-5B/A	M941	F-16A F-16B	10	
	MT47		8	18
	JM60	F-16A F-16B		
Mk 74 Mod O		F-14A		
Mk 74 Mod 1	M572	F-14B F-14A F-14B	10	10
	M572		3	3
Mk 75 Mod O		F-14A		13
Mk 75 Mod 1	M573	F-14B	9	9
	M573	F-14A F-14B	4	4
Mk 82 Mod O				13
	M928	S-3B	120	120
MK 82 Mod 1	MU76	SOB	12	120
Mk 83 Mod O				12
Mk 85 Mod O	M929	S-3B	165	132
Mk 86 Mod O	M932	S-3B	174	128
Mk 86 Mod 1	M938	EA-6B	191	132
Mk 87 Mod O	M938	EA-6B	49	191
Mk 87 Mod 1				49
	M939	EA-6B	113	240
Mk 88 Mod O	M939	EA-6B	7	113
Mk 88 Mod 1				7
	M940	EA-6B	76	120
Mk 90 Mod 1	M940	EA-6B	44	76
	MU75	S-3B	129	120
	MU75			129
				129

Table Ill—Continued

PAD device	DODIC	Aircraft	Quantity installed (ea)	Total quantity installed

			130	
			31	
			147	
			51	
		F 18A		
Mk 100 Mod O	MD68	FA-18B	31	
		FA-18C	50	
			240	
Mk 101 Mod O	MD69	F 18D	2	
		FA-18B	60	
Mk 79 Mod 1	MF21	18 D	29	
			6	359
		AV-8B NAV-8B	66	
Mk 109 Mod O Non-NACES	MF56	TAV-8B	35	81
		FA- 18,A	231	
		FA-18B	60	
Mk 109 Mod 1 Non-NACES	SS67	FA- 18C	230	302
		18D	63	
		FA-18A		
		FA- 18B	117	
		FA-18C	32	135
		FA-18 D	52	
MK 109 Mod O NACES	MF56		52	
		FA- 18C	368	584
		FA-18D	142	719
Mk 109 Mod 1 NACES	SS67	FA-18 E FA-18F	155 193	
		FA-18C FA-18D		253
		FA-18E	264	
		FA-18F		
Mk 84 Mod 2	MF57		10	858
			4	
P/N Jl 14716-1	ME-80	S-3B	10	1 ,830
P/N Ji14716-502	ME-81		4	264
		F-16A F-16B	I	
P/N 50436-11	MT32			
		F-16A	I	14
P/N 1143-3	MD99	F-16B		
		F-16A F-16B	3	14
		F-16A	10	14
		F-16B	4	14

Table 111—Continued

PAD device	DODIC	Aircraft	Quantity installed	Total quantity installed

			129	
		AV-8B	1	
		NAV-8B	30	
Mk 113 Mod 1	MG67	TAV-8B		
			9	
			8	
		F_5F	12	
CKU-7A	MS15	T-38A	18	160
		T-38C	4	
		T-38N	6	
		TAV-8B	60	
Nik 121 Mod O	MT28	F_ 14 D	49	57
Mk 122 Mod O	MT29	FA-18C	235	60
		FA-18 D	173	
		FA-18E	102	49
		FA-18F T-45A	245	
		T-45C	144	
			194	755
				338
Mk 123 Mod O	MT30	F_14D		1,142
		FA- 180 FA-18F	25	
		T-45A T-45C	88	
			125	25
			77	213
			98	
Mk 124 Mod O	MT31			175
		F_14D		413
		FA-18C	25	
		FA- 181)	239	25
		FA-18E	87	
		FA- 18F T-45A	103	
		T-45C	124	553
Mk 205 Mod 2	XW36		72	170
			98	748
		AV-8B		
Mk 137 Mod O	JL58	NAV-8B	129	
		TAV-8B	1	160
Nik 137 Mod O	JL58	T-6A	30	
			43	43
		T-6A		
			43	43

Table IV. Total Reported Installed by Lot Number

[As of 31 August 2005]

DODIC	Model	Lot No.	Lot quantity	Quantity Installed	Total installed	Expiration date	Aircraft type(s)

MC77	Mk 12 Mod 1	IH-96K001-007	10	6		October 2006	
		IH-OOC002-009	14	10		March 2010	
		IHM02B002-020	21	4		February 2012	
MD72	Mk 16 Mod 1	UPC93B004-031	14	3		February 2006	
		UPC97B001-032	7	79		February 2010	
		UPC99J001-034	173	93		September 2012	
		UPC99L001-035	183	90	20	November 2012	
		UPC02C001-036	193			March 2015	
M941	Mk 18 Mod O	UPC03B001-037	151			February 2016	ov-10
		IH-96K001-016	56	12		October 2006	
		IH-96K001-017	27	23		October 2006	
		IH-99F002-018	46	2	265	June 2009	
M572	Mk 74 Mod O	IH-OOC002-019	31			March 2010	S-3B
		IHM02B002-020	12			February 2012	
M572	Mk 74 Mod 1	MBA85H001-018	126	5		August 2005	
		UPC86J00101A/B	25	3	60	August 2006	
		MBA88B001-024	15	2		February 2008	TQC
		MBA88H001-026	6	1		August 2008	
M573	Mk 75 Mod O	IH-94L002-003A	23	1		November 2014	
		IH-94L002-004	15	1	10	November 2014	
		IH-94L002-005	38			November 2014	
M573	Mk 75 Mod 1				3		
		MBA85H001-018	134	4	13	August 2005	
		UPC86J001-001A'B	25	3		August 2006	14A/F-14B
M928	Mk 82 Mod O	MBA88B001-024	15	2		February 2008	
MU76	MK 82 Mod 1	MBA88H001-026	5	3		August 2008	
		IH-94L002-003A	22	1	9	November 2014	
		IH-94L002-004	12			November 2014	
		IH-94L002-005	34		4	November 2014	
				113	13		F_14A/F-14B
		UPC93B001-021	391	7		February 2009	
		UPC94C001-022	25	2	120	March 2010	
		UPC99F001-003A	10	6		June 2006	
		UPCOOE001-004	90	4	12	May 2007	
		IHMOOB002-OOô	14		132	February 2007	S-3B

Table IV—Continued

DODIC	Model	Lot No.	Lot quantity	Quantity Installed	Total Installed	Expired date	Aircraft type

M929	Mk 83 Mod O	ESDOOBOOI-OOI	96	50		February 2007	
		ESDOOH001-002	119	54		August 2007	
		UPC02L002-016	98	24		November 2009	
M932	Mk 85 Mod O						
		ESD99M001-001	121	64		December 2006	
		ESDOOK001-002	121	36			
		ESD01F001-003A	44	22		December 2006	
		UPC02L002-016	89	10		June 2008	
						November 2009	
M938	Mk 86 Mod O						
		MBA85H001-018	32	30			
		MBA86J001-021	24	34			S-3B
		UPC86J001-001A/B	37	23	128	August 2005	
			43	48		September 2006	
		MBA86J001H020	7	6			
		MBA88B001H023	24	19		September 2006	
		MBA88E001-027	24	12			
		MBA89F001-030	79	49		September 2006	S-3B
M939		IH-94L002-003A	70		132		
	Mk 87 Mod O	IHM01G002-006				February 2008	
						May 2008	
			25	17		June 2009	
		MBA85H001-018	12	39		November 2014	
		MBA86J001H020	25	18		July 2021	
		MBA86J001-021	8	10			
		UPC86J001-001AlB	11	8	191		
		MBA88B001 H023	10	5	49	August 2005	
		MBA88E001-025	3	1	240		EA-6B
		MBA88E001-028	12	6		September 2006	
		MBA88H001H029				September 2006	
M940		MBA88E001-030	11	7			
	Mk 88 Mod O	MBA89F001-031				September 2006	
		IH-94L002-003A	26			February 2008	
		IHM01G002-006				May 2008	
			49	11		May 2008	
				16		August 2008	
		MBA85H001-018		11	114	May 2008	
		MBA86J001-021	31		7	June 2009	
		MBA88E001-025	16	10		November 2014	
		MBA88B001023	12	18	120	July 2021	EA-6B
		MBA88E001-027	6	38			
		MBA89F001-030	12	6			
		MBAOOL002-031	24				
		IH-94L002-003A	46			August 2005	
		IH-94L002-004	49			September 2006	
		IHM01G002-006	25		76	May 2008	
			25			February 2008	
					44	May 2008	
					120	June 2009	EA-6B

						November 2020 November 2014 November 2014 July 2021	

Table IV—Continued

DODIC	Model	Lot No.	Lot quantity	Quantity Installed	Total installed	Expired date	Aircraft type

MU75	Mk 90 Mod 1		106	49		August 2006	
			110	65		April 2007	
		IH-99H001-005	22	15		May 2007	
		IHMOOB002-006	31			July 2011	
		UPCOOE001-002	50			November 2011	
		UPC04G001-004					
MD68	Mk 100 Mod O	UPC04L001-005	21	4			
			15	1			
		MBA87K001-024	23	14		October 2005	
		MBA87K001-025	5	2		October 2005	
		MBA88B001-026		27		February 2006 July 2006	
		MBA88G001-027	11	3			
		MBA88B001-028		53		February 2006 July 2006	
		MBA88G001-029	55	53			
		MBA88G001-031		6			
		MBA89A001O3	16	35	129	July 2006	S-3B
		MBA89B001-032	128	88		January 2007	
		MBA89F001-034	66	33		February 2007	
		MBA91B001-038	8	31		June 2007	
		MBA93C002-040	66	6		February 2009	
MD69		MBA94C003-041	182	3		March 2011	
	Mk 101 Mod O	MBA96L003-047	46			March 2012	
		MBA99M003-050	47	2		November 2015	
		MBA02A002-055	19	3		December 2017	
			75	4		January 2020	
		MBA87K001-024		6			
		MBA87K001-025	2	19			
		MBA88B001-026	3	11	359	October 2005	FA-18A/B/C/D
		MBA88G001-029	7	5		October 2005	
		MBA89A001-033	8	29		February 2006	
		MBA89B001-032	25			July 2006	
MF21		MBA91B001-038	30	2		January 2007	
	Mk 79 Mod 1	MBA93C002-040	57			February 2007	
		MBA94C003041	23	69		February 2008	
		MBA96L003-047	33	130		March 2011	
		MBA93M003-050	47	73		March 2012	
		MBA02A002-055	15	30		November 2015	
			75	2		December 2017	
		TAC97D001-001		0	81	January 2020	FA-18B/D
		TAC97J002-001	135	0			
		IH-98A003-002	171	0			
		TAC99H002-002	110	0			
		IH-99M002-003	261	0			
		TACOOL002-003	50	0			
		TACOI E002-004	30	0		April 2008	
		TACOI E002-005	50	0		September 2008	
		TACOI K002-006	28	0			
		TACOI K002-007	53			January 2009	
		TAC01M002-008	40			August 2010	
		TAC02A002-009	20			December 2010	
		TAC02E002-010	8				
			12		302	November	AV-8B/TAV-8B

						2011 May 2012 May 2012 October 2012 October 2012 December 2012 January 2013 May 2013	

Table IV—Continued

DODIC	Model	Lot No.	Lot quantity	Quantity installed		Total installed	Expired date	Aircraft type
				NACES FA-18s	Non-NACES FA-18S			
	Mk 109 Mod O	UPC95D001-044	29	14	0	14	July 2006	
		UPC95G001-045	27	19	0	19	July 2006	
		UPC95H001-046	25	19	0	19	August 2006	
		UPC95L001-047	20	15	0	15	November 2006	
		UPC96B001-048	48	37	0	37	February 2007	
		UPC96C001-049					March 2007	

MF56		UPC96G001-050	8	o	37	8	March 2007	FA-18A/B/C/D
		UPC96E001-051	195	8	99	169	May 2007	
		UPC97B001-053	18	70		14	February 2008	
		UPC97G001-054	18	14		15	July 2008	
		UPC97G001-055	16	15	0	16	July 2008	
		UPC98B001-056	6	16		4	February 2009	
			58	4	136	58		
			Mod O	58				
		UPC99B001-057		252		388	February 2010	
		IH-98D0014)01			43		April 2009	
		TAC99D001-002	51	38	130	38	April 2010	
SS67		ACOOA001-003	57	2	105	45	January 2011	
		ACOI HOOI -005	250	73	22	203	August 2012	
		AC01K001-006	273	144	51	249	October 2012	
		AC01M001-007	109	79	23	101	December 2012 March 2013	FA-18/C/D/E/F
		AC02K001-008	121	70	174	121	December 2013 March 2014	
		AC02M002-001	2		12	o	December 2014	
		AC03C001-009	85	62	20	85	June 2012	
		AC03M001-010	337	163		337	December 2014	S-3B
		UPCOI FOOI-OOI	39	22		34	March 2016	
	Mk 109 Mod 1	AC04C001-013	361	126	657	146		
		UPC05C001-002	86	2	136	77		
			241		793	2 o 1 ,436		
			381	858		388		
			Mod 1	252		1824		
		AC93L001-006A	Mod O	1,110	39		November 2006	AV-8B/TAV-8B
MF57		TAC95J001-007A			62		September 2008	
		AC96H001-001 A			140		August 2009	
		TACOOK001-008	107		23		October 2013	
		TAC01G001-009	86			264	July 2014	
			286					
MG67		UPC99D001-001	96		143	152	April 2007	
		UPCOOG001-002	96		9		July 2008	F-5E/F/T-38A/C/N
MG67		TAC98M003-001			6		December 2006	
		TACOOJ004-003	237		2	8	July 2008	
		TACOI H004-004	32			160	August 2009	
		ACOI E004-006	64				May 2012	
MS15			30		5			
		IH-96H001-048	7		13	49	August 2006	
		IH-99F001-049	14		25		June 2009	
JL96		IHM-OOC001-051			6	8	March 2010	
		IHM-OOE001-052	5		4		May 2010	
		IHM-OOEOOI -052A	21			57	May 2010	
		IHM-OI BOOI -053A	22		4		February 2011	
		UPC98E001-003A	9				May 2008	
			5					
			4					

	Mk 84 Mod 2						
	Mk 113 Mod O						
	Mk 113 Mod 1						
	KU-7/A						
	CKU-7A/A						

Table IV—Continued

DODIC	Model	Lot No.	Lotquantity	Quantity Installed	Total Installed	Expired date	Aircraft type

MT28	Mk 121 Mod O	ESDOOAOOI-OOI	86	60	60	T-45	TAV-8B	January 2007	
		UPC02L001-024	19		F_18			November 2009	
		TAC04D001-001	19		81			April 2011	
					149	44	253		
				F-14D	141	64	188		
					142	98	193		
MT29		MBA98J004-014	300	19	189	31	90		
	Mk 122 Mod O	MBA99J004-016	206	4	90	4			
		MBAOOF004-017	257	7	44	321	1125		
		UPCOI E005-001	271	15	755			September 2008	
		UPCOI E005-002	328	4		3	24	September 2009	
		UPC01E005-003	212	0	2 o		1	June 2010	
MT30			Totals	49	3 o	o	28	May 2011	
		MBA90H001-006			2	1	5	May 2011	F-14D/FA-18C,E,F, T-45A,C
	Mk 123 Mod O	MBA90H001-007	35	5 o 3	1	1	I	August 2005	
		MBA90K001-008	6	o 3 1	O	5	I	August 2005	
		UPC90L001	50	o	7	1	6	October 2005	
		HOOIB	17	3	16	33	5	November 2005	
		MBA91J001009	21	4 4	36	32	24	September 2006	
		UPC91 KOOI	14	o o 1 o	14	16	53	October 2006	
		H002A	10	O o o	7	7	44	March 2007	F-14D/F-18C,D,E,F T-45A, C
		MBA92C001-010	27	25	18	15	24	May 2008	
		UPC93E002H005	54		13	9	14	June 2008	
		MBA93F002-011	80	5 o	25	18	33	February 2009	
		UPC94B003H006	236	6 o 1	26	17	22	March 2010	
		MBA95C003-012	71	O	31	14	42	March 2011	
		MBA96C003-013	33	1	12	1	25	July 2012	
		MBA97G003-014	33	O	213	175	6	September 2013	
MT31		MBA98J003-017	53	1			413	August 2014	
		MBA99H003-019	47	5				January 2016	F-14/F-18fT-45
		MBA01A003-020	277	6 1	4	1			
		MBAOI E003-024	46	o o 0 O	2				
	Mk 124 Mod O	MBAOI F003-025	Totals	0 o o o	9	1			
				25	1	3			
		MBA90H001-006			13	2	41		
		MBA90H001-007	68		5	o	15		
		MBA90K001-008	36		o	5	42		
		UPC 901.001	91		11	2	6		
		HOOIB	36		6	23	24		
		MBA91 -009	34		65	34	6 o		
		UPC91K001	29		84	9	15		
		H002A	6		109	8	9		
		UPC91 H003	27		11	21	95		
		MBA92C001-010	62		48	15	65		
		UPC93D002H004	104		23	16	104		
		MBA93F002-011	142		44	16	21		
		UPC94B003H005	165		49	13	66		
		MBA95C003-012	71		26	1	40		
		MBA96C003-013	70		42	0	56		
		MBA97G003-014	66		1	154	29		
		MBA98J003-017	84				2		
		MBA99H003-019							
		MBA01A003-020							

		MBAOI E003-024 MBAOI F003-025 UPC01E005-002	76 95 97 Totals		553		o 1 732	May 2016 June 2016 August 2005 August 2005 October 2005 November 2005 September 2005 October 2006 October 2006 March 2007 April 2008 June 2008 March 2009 March 2010 March 2011 July 2012 September 2013 August 2014 January 2016 May 2016 June 2016 May 2016	

Table IV—Continued

DODIC	Model	Lot No.	Lot quantity	Quantity Installed	Total installed	Expired date	Aircraft type

MT32	Mk 205 Mod 2	TAC98M002-001	77	29		December 2006	
		TAC98M002-002	50	38		December	
		TACOOB002-	60	28	160	2006 February 2008	
MT47		003A	126	35		February 2009	
		TAC01B002-004	11	11		July 2009	
MD99		TACO 1 G002-005	24	19	18 o	July 2009	
		TAC01G002-006	26		18	April 2012	
	P/N 50436-11	TAC04D002-011			18		
MT34			18	18		February 2011	
ME-81	CKU-5B/A	TAC01B001-032	12		18 o	November 2011	
		TAC01L001-035		18	18		AV-8B/NAV-8B/
JL58	P/N 1143-3		18		14	May 2006	TAV-8B
		IHM01E001-024		18			
	P/N Jl 14716-1		18		14	July 2013	
		UPC96G001-072	5			October 2013	F-16A, F-16B
	P/N Jl 14716-502	UPC9K001-024		14			
	MK 137 MOD O		14		2		F-16A, F-16B
		UPCOOD001-002		14	10	April 2007	
			14	1	1		F-16A, F-16B
				2	2	April 2007	
		OAC01D001-067	2	2	4		
				10		December	F-16A, F-16B
		MBA98M001-006	10	1	3	2005	
JL59			2	2	5	October 2007	F-16A, F-16B
		MBAOOK001-025	4	4	6	July 2008	
		MBA01G001-027	3	3	2	July 2008	
					1	October 2008	
		MBA01G001-031	5	5	1	October 2008	
			6	6	4	October 2008	
	MK 138 MOD O	MBA01K001-029	2	2	1	October 2008	
			1	1	43	October 2008	
		MBA01K001-033	1	4	I	October 2008	
			4	1	2	September 2009	
		MBA01K001-034	1		10	March 2010	
				1	2	June 2010	
		MBA01K001-035	1	2	2	June 2010	T-6A
			2	10	4		
		MBA01K001-036	10	2	5	December 2005	
		MBA01K001-038	2	2	3	October 2007	
		MBA02J001-039	2	4	5	July 2008	
		MBA03C001-040	4	5	1	October 2008	
			5	3	1	October 2008	
		MBA03F001-042	3	5	1	October 2008	
			5	1	1	October 2008	
		MBA03F001-043	1	1	1	October 2008	
			1	1	4	October 2008	
			1	1	43		T-6A

		MBA98M001-006 MBAOOK001-022 MBA01G001-028 MBA01K001-029 MBA01K001-032 MBA01K001-033 MBA01K001-034 MBA01K001035 MBA01K001-037 MBA01K001-038 MBA02J001-039 MBA03C001-040 MBA03C001-041 MBA03F001-042 MBA03F001-043	1 4	1 4		September 2009 March 2010 March 2010 June 2010 June 2010	

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

[As of 31 August 2005]

Item	Description

Mk 83 Mod O (M929) - Low Yaw Thruster Rocket Motor	
RCN: N09298-05-0012	Maintenance crew was pulling Pilot ejection from aircraft when maintenance technician lost his footing on to a Bl stand. As he slipped, he try to maintain positive control of the ejection seat by grabbing the Bl stand railing to prevent him and the ejection seat from falling to the hanger deck. The ejection seat fell approximately two feet to the Bl stand platform. The forward right section seat bucket sustained irreparable damage. Ordnance installed was removed and turned in.
Mk 85 Mod O (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. QAJSO witnessed the incident and deemed the M932 NON-RFI- Indian Head has requested this unit be returned as a possible Quality Evaluation sample.
RCN: 09226-05-002	Maintenance technician was removing the MK 85 MOD O (M932) High Yaw Thruster Rocket Motor from the SENSO ejection seat. When he noted. The housing separated from base of rocket motor. Squadron turned in suspected motor to Station Weapons. Indian Head has requested unit be returned for engineering investigation.
RCN: 09226-05-003	Maintenance technician was removing the MK 85 MOD O (M932) High Yaw Thruster Rocket Motor from the SENSO ejection seat. When he noted. The housing separated from base of rocket motor. Squadron turned in suspected motor to Station Weapons. Indian Head 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. Indian Head has requested this unit be returned as a possible Quality Evaluation sample.
Mk 18 Mod O (M941) - Rocket Catapult	
RCN: 49153-03-0019	During 224-Day inspection of aircraft cockpits, found corrosion on top of rocket motor. Indian Head 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. Indian Head 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 (I) one inch and is now longer than standard rocket. Indian Head 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) one inch and is now longer than standard rocket. Indian Head 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. Indian Head has requested this unit be returned for Ins ction.
Mk 79 Mod O (MF21) - Seatback Rocket Motor	
65923-04-0249	During the aircraft 448 seat maintenance inspection. Maintenance personnel discover the hermetic seal used on the exhaust nozzle port missing. Indian Head has requested this unit be returned as a possible Quality Evaluation sample.

V—Continued

Table V—

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 O rocket motor lot number was found to be illegible and the serial number did not match OPNAV 4790/26A installed explosive device record. Indian Head 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 was de-arming ECMO-I ejection seat, the igniter was found to be moving when the rocket motor igniter gas line was loosened. Indian Head 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. Indian Head 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. Indian Head has requested this unit be returned as a possible Quali Evaluation sam le.
Mk 100 Mod O (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. Indian Head 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 lowed on map light forcing map light through aircraft cabin floor. Cockpit floor has a 4-inch hold punctured through the floor into an avionics bay. Indian Head 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 suspect 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. Indian Head 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. Indian Head has requested this unit be returned as a possible Quality Evaluation sample.
Mk 101 Mod O (MD69) - Underseat Rocket Motor	
RCN: 44689-02-0048	Maintenance crew discovered during a 448-day seat maintenance inspection 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. Indian Head 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. Indian Head has requested this unit be returned as a possible Quality Evaluation sample.

Continued

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. Indian Head has requested this unit be returned as a possible Quality Evaluation sample.
RCN: 09230-02-0030	During a Special 42-day inspection, it was noticed a 2-inch scratch on the right CJRM. A Not-Ready-For-lssue (NRFI) status based on inspection criteria outlined in NAVAR 11-100-1.1 manual. Suspected damaged may have been caused by an object left on canopy sill prior to closing. Indian Head has requested this unit be returned as a possible Quality Evaluation sample.
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. Indian Head has requested this unit be returned as a possible Quality Evaluation sample.

Table

Item	Description
RCN: 09558-030-0007	During preflight inspection, a maintenance technician discovered a scratched dented CJRM. Indian Head 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. Indian Head 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. Indian Head 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. Indian Head has requested this unit be returned as a possible Quality Evaluation sample.
RCN: 0984-03-0090	This activity reported that maintenance crews were performing a daily inspection, they found a gouge on the left side of the CJRM. Extending two and one and a half inches downward and one eight-inch in depth. Indian Head has requested this unit be returned as a possible Quality Evaluation sample.
RCN: 39783-03-030136A	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. Indian Head 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. Indian Head 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. Indian Head has re uested this unit be returned asa ossible Quali Evaluation sam le.
RCN: N39783-04-0057	Maintenance personnel left a tool on the canopy sill and closed the canopy. This resulted in a dent a 3/4 inch scratch on the CJRM. Indian Head has requested this unit be returned as a possible Quality Evaluation sample.
RCN: R09637-05-0003	Squadron was transporting remove CJRMs to the squadron Ready-service-Locker. Both CJRMs fell off transport cart, due CJRMs were not secure when cart went over han er door tracks.

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 O under seat rocket motor was loose. The tube actually turned approximately 1/4-inch when gas line was being removed. Indian Head has requested this unit be returned as a possible Quality Evaluation sample.

V—Continued

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. Indian Head has requested this unit be returned as a possible Quality Evaluation sample.
Mk 122 Mod O (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. Indian Head 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 manufactured defect). The STIRRUP links are improperly clocked preventing proper STIRRUP link alignment with parachute withdrawal line STIRRUP links make contact with ejection seat main bean making it impossible to connect the parachute withdrawal line. Indian Head 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. Indian Head 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 2 different directions was received in this condition from lot number UPCOI E-005-001. Repair or replace noted unit and return to: Boeing Company, McDonnell Aircraft and Missile systems, 8900 Frost Avenue Berkley, MO 63134, Bldg 245, LVL I , GFAE/GOM. Indian Head has requested this unit be returned as a possible Quality Evaluation sample.
Mk 124 Mod O (MT31) — Underseat Rocket Motor	

Table V—

Item	Description
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. Indian Head 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 NAVAR 13-1-37 the gas fire igniter cartridge of the rocket motor started to turn at approximately 80 inch pounds of torque. Indian Head has requested this unit be returned as a possible Quality Evaluation sample.