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

Il-ISP 06-495
31 January 2006

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
OMB No. 0704-0188

1. REPORT DATE (DD-MM-YYYY)	2. REPORT TYPE	3. DATES COVERED (From - To)
31 January 2006	Final Report	

4. TITLE AND SUBTITLE

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

5a. CONTRACT NUMBER

5b. GRANT NUMBER

sc. PROGRAM ELEMENT NUMBER

6. AUTHOR(S)

M. P. Audiey

5d. PROJECT NUMBER

5e. TASK NUMBER

5f. WORK UNIT NUMBER

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

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

8. PERFORMING ORGANIZATION REPORT NUMBER

IHSP 06-495

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

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

10. SPONSOR/MONITOR'S ACRONYM(S)

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

12a. DISTRIBUTION/AVAILABILITY STATEMENT

Approved for public release; distribution is unlimited.

13. SUPPLEMENTARY NOTES

14. ABSTRACT

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

15. SUBJECT TERMS

Propellant-actuated device (PAD)

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

Standard Form 298 (Rev. 8/98)
Prescribed by ANSI Std. Z39-18

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 E21) at Indian Head is delegated the responsibility of maintenance engineering for PAD devices by PEO (W) PMA-201. The logistics management report is prepared to summarize the status of 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 E211 H), DSN 354-2105 or commercial line (301) 744-2105.

-D10.2, L.S
Diane L. Sabal
Manager, PAD Branch

Approved and released by:

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

This page intentionally left blank.

CONTENTS

Heading Page

S-3B

PAD

Tables

This page intentionally left blank.

INTEGRATED LOGISTICS SYSTEM NOTES

NAVAIR 11-100-1.1-CD Electronic Technical Manual

Basic Issue 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, IRAC 45 dated 7 September 05, IRAC 46 dated 29 September 05, IRAC 47 dated 7 February 06.

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:

IHM01A002-001

a b c d e

a Manufacturer's identification symbol

b Two-digit numeric code identifying the year of production of the oldest propellant batch used in the propellant actuated device (PAD) lot c Single alpha code signifying the month of production of the oldest propellant batch used in the PAD lot

d Lot interfix number (controlled by 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 NA VSURFWARCENDIV 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 (TRACE). These inventories of installed assets conducted in cooperation with type commanders and aircraft manufacturers are compiled at Indian Head Division, Naval Surface Warfare Center. Lot quantity figures indicate the amount delivered by a contractor for Navy use/Navy stock.

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

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

Propellant-Actuated Devices

[As of 31 January 2006]

PAD device	NSN	DODIC	Series aircraft	No. per aircraft	Service life (mo/yr)
Rocket Catapults					
Mk 12 Mod 1 IOA2120/10 Mk 9324MD72TA- Mk 18 Mod	[1]1377-00-276-16 Mod 1 [2]1377-4J2156/13 0[1]1377-00-250-	01- S-	2364MC77OV-040- 3B4156/13 0206M941TQC2120/10 125-7777MS151120/10 F_5F2120/10 T-38A2120/10 CKU-7A/A121377-01-512-0110JL96F_5E1120/10 T-38A2120/10 CKU-5B/A1377-01-169-7797MT47F_ 16A148/4		CKU-7A121377-00- F_5F2120/10 F_ 16B248/4
Man/Seat Separators					
Mk 82 Mod 3B2192/16 Mk 82 Mod 1 Mk 90 Mod 1 [1 2]1377-01-412-6462MU75S-3B284/7	0[12]1377-00-119- [12]1377-01-412-		2022M928S- 6530MU76TA-		4J184/7
Yaw Thrusters					
Mk 83 Mod 0[23]	1377-00-119-2031	M929	S-3B	2	84/7
Mk 85 Mod	1377-00-119-2045	M932	SOB	2	84/7
Vernier					

Mk 84 Mod 3B4156/13 P/N	2[24]1377-01-199-50436-111377-	01-255-	8315MF57S-		
1650MT32F_16A1120/10 F_16B2120/10					
Seatback Rocket					
Mk 79 Mod 1/2 [1 •4]	1377-01-069-1787	MF21	AV-TAV-8B4	8B 2	132/11 132/11
WORD/Drogue Assembly					
Mk 113 Mod 1/2[24]	1377-01-149-	3516MG67	AV-8B TAV-8B	96/8	296/8
Catapult		Cartridge			
Mk 205 Mod	21377-01-138-3829	XW36	AV-8B TAV-8B	196/8	296/8
Underseat Rocket	Motor				
Mk 86 Mod 6B2240/20 Mk 5286M938EA-	0[5]1377-00-201-86 Mod I [1]1377-6B2240/20	01-	9543M938EA-246-		
Mk 87 Mod 6B1240/20 Mk 5287M939EA-	0[5]1377-00-201-87 Mod 1 [1]1377-6B1240/20	01-	9545M939EA-246-		
Mk 88 Mod	0[5]1377-00-201-		9533M940EA-		6B240/20
Mk 88 Mod 1	[1]1377-01-246-		5288M940EA-		6B240/20
[5]1377-01-039-2927MD68FA-18AJC/B/D1216/18 Mk 100 Mod 0					
[5]1216/18 Mk 101 Mod 01377-01-039-2928MD69FA-18B/D/E					

See footnotes at end of table.

Propellant-Actuated Devices—Continued

PAD device	NSN	DODIC	Series aircraft	No. per aircraft	Service life (molyr)
[25] Mk 123 Mod 0	1377-01-246-5280	MT30	F_14D	1	192/16
			FA-18D/F	1	192/16
			T-45AJC	1	192/16
Mk 124 Mod	1377-01-246-5281	MT31	F_ 14 D	1	192/16
			FA-18C/D/E/F	1	192/16
			T-45A/C		192/16
[5] Mk 137 Mod 0	1377-99-250-2607	JL58	T-6A		84/7
[5] Mk 138 Mod 0	1377-99-724-3034	JL59	T-6A		84/7
Canopy Remover Rocket Motor					
[24] Mk 109 Mod	01377-01-101-		1443MF56FA-		18A/C/B/D/E/F2132/11
Mk 109 Mod 1	[24]1377-01454-		9321SS67FA-		18A/C/B/D/E/F2132/11
P/N Jl 14716-	11377-01-057-		5431ME-F_16B84/7		80F_16A184/7
P/N Jl 14716-	5011377-01-058-		5431ME-F_16B84/7		81F_16A84/7

Rocket Motor Divergence

Mk 121 $0^{2.3}$	Mod1377-01-	242-			
					8859MT28TA\vL8B484/7 [3]F_16A1204/17
P/N 1143-31377-01-053-0587MD99					F_ 16B2204/17

Parachute Deployment Rocket Motor

Mk 122 Mod	1377-01-246-5279	MT29	F_14D FA-18C/D/E/F T-45A/C	2 2 2	120/106 120/106 120/106

[1] NAVSURFWARCENDIV, Indian Head OH).

[2] Universal Propulsion Company (UPC).

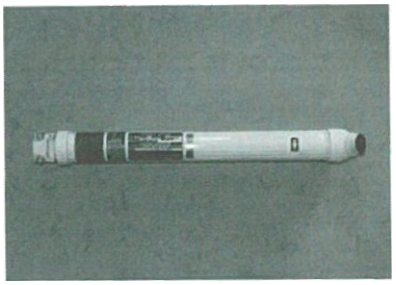
[3] Pacific Scientific.

[4] TaIley Defense Systems (TAC).

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

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

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



1. Seatback Rocket Motor Mk 79 Mod 1/2

   a. NSN: 1377-01-069-1787
   b. DODIC: MF21

C. Service life: 132 months (l I years)

d. Rocket motor WUC: 97DlM

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		14	69	April 2008
TAC97J002-OO [1]	171	106	2	22	130	September 2008
TAC99H002-0021	261	23	o	7	30	August 2010
IH-98A003-002	110	56		17	73	January 2009

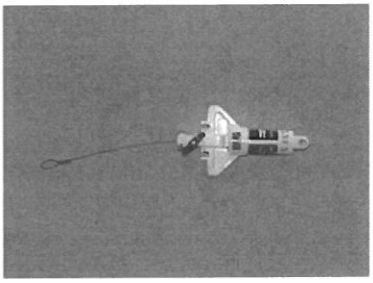
IH-99M002-	0	003 50o			December 2010
TACOOL002- November 2011	0 0	0031		300	0
TACOlE002-	0 0	0041	800	0	0 May 2012
TACOlE002-	0	0051		16o	0 May 2012
TACO 1 K002-	0	006 53o			October 2012
TACO I K002- 2012	0 0	007	400	o	o October
TACO M002-008	200		0	o	December 2012
TAC02A002-009		8o			January 2013
TAC02E002-010		12o			May 2013
Total installed:	240	2	60		
Grand total installed:				302	

ILS Notes:

1. Quantity per lot reported installed in CAD/PAD Traceability System (TRACE).
2. No lots have expired since the last publication of this report.
3. The next lot scheduled to expire will expire in April 2008.
4. For information on the Mk 79 Mod I (MF21) conventional ordnance deficiencies on the A V-8 aircraft, see Table V.

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

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



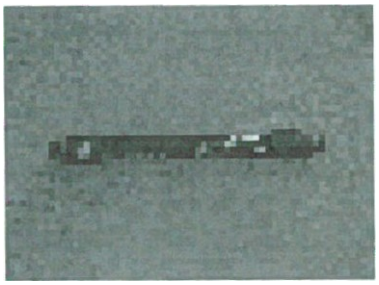
Lot No.	Lot quantity	AV-8B	NAV-8B	TAV-8B	Total units installed	Service-life expiration date
UPC99D001-001	237	112	1	30	143	April 2007
UPCOOG001-002	32	9	0		9	July 2008
TAC98M003-OO I	64	6		0	6	December 2006

TACOOJ004-003	30	2		0	2	September 2008
TACO I H004-004	7		o		0	August 2009
TACO E004-006	14		o	0	o	May 2012
UPC03D004-003	17	o		0	0	April 2011
Total installed:		129	1	30		
Grand total installed:					160	

ILS Notes:

1. Quantity per lot reported installed in CAD/PAD Traceability System (TRACE).
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 113 Mod I (MG67) conventional ordnance deficiencies on the A V-8 aircraft, see Table V.

3. Catapult Cartridge Mk 205 Mod 2



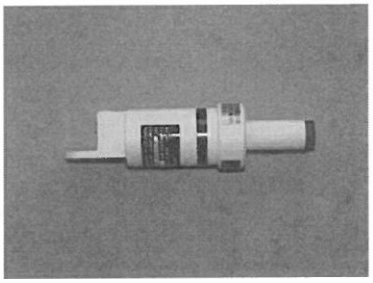
a. NSN: 1377-01-138-3829
b. DODIC: XW36
C. Service life: 96 months (8 years)
d. Rocket motor WUC: 97D34
e. One per AV-8B aircraft, two per TAV-8B aircraft.

Lot No.	Lot quantity	AV-8B	NAV-8B	TAV-8B	Total units installed	Service-life expiration date
TAC98M002-OO 1	77	29	0	o	29	December 2006
TAC98M002-002	50	32	1	5	38	December 2006
TACOOB002-003A	60	24		4	28	February 2008
TACO IB002-004	126	31		4	35	February 2009
TAC01G002-0054	11	3	0	8	11	July 2009
TAC01G002-0064	24	10	o	9	19	July 2009
TAC01J002-0084	12	o		0	o	September 2010
TAC03K002-0034	12	o	o		o	October 2011
TAC04D002-0114	26				o	April 2012

Total installed:	129	1	30	
Grand total installed:				160

ILS Notes:

4. Rocket Motor Divergence Mk 121 Mod 0



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

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

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. NSWC/IHDIV has qualified and released Mk 205 Mod 2 (XW36) Catapult Cartridge. 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 205 Mod 1 (XW36) unit.

5. For information on the Mk 205 Mod 2 (X W36) conventional ordnance deficiencies on the AV-8 aircraft, see Table V.

Service-ILS Notes:	Lot No.	Lot quantity	TAV-8B	units installed	expiration date	Total life
1. per	ESDOOAOO -001	95	60	60	January 2007	Quantity lot reported installed in CAD/PAD
	UPC02LOOl -024	19		0	November 2009	
	TAC04D001-001	19	o	o	April 2011	
	Total installed:		60			
	Grand total installed:			60		

Traceability System (TRACE).

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

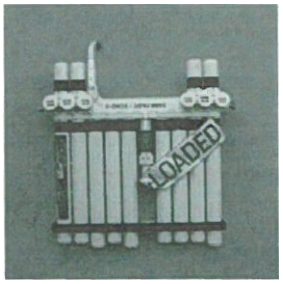
3. The next lot scheduled to expire will expire in January 2007.

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

l. Underseat Rocket Motor Mk 86 Mod 0 and Mod I



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 l : 240 months (20 years)
d. Rocket motor WUC: 97D3M Mod O and Mod I
e. Two per aircraft (Pilot/ECMO-3).

Lot No.	Lot quantity	EA-6B	Total units installed	Service-life expiration date
MBA86J001-021	34	34	34	September 2006
UPC86J001-OOl (A) or (B)	37	23	23	September 2006
MBA86JOO 1 H020	50	48	48	September 2006
MBA88BOOl H023	7	6	6	February 2008
MBA88EOOl-027	22	19	19	June 2008
MBA89FOOl-030	24	12	12	June 2009
IH-94L002-003A	76	50	50	November 2014
IHM-01G002-0064	70	o		July 2021
Total installed:		192		
Grand total installed:			192	

ILS Notes:

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

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

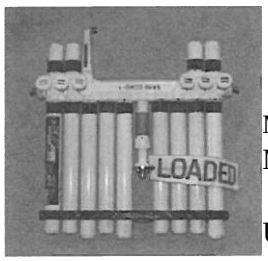
3. The next lot scheduled to expire will expire in September 2006.

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

5. For information on the Mk 86 Mod 0/ 1 (M938) conventional ordnance deficiencies on the EA-6B aircraft, see Table V.

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

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



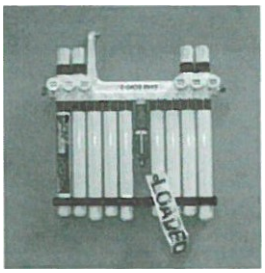
Lot No.	Total Lot quantity	EA-6B	units installed	expiration date
MBA86JOO 1 H020	39	39	39	September 2006
MBA86J001-021	18	18	18	September 2006
UPC86J001-001 (A) or (B)	25	10	10	September 2006
MBA88B001H023	8	8	8	February 2008
MBA88EOO -025	11			May 2008
MBA88EOO -028	10	5	5	May 2008
MBA88HOOl H029	1	1	1	August 2008
MBA88EOO 1-030	12	6	6	May 2008
MBA89F001-031	11	0	0	June 2009
IH-94L002-003A	26	9	9	November 2014
IH G002-006[4]	49			Julv 2021
Total installed:		96		
Grand total installed:			96	
				Service-life

ILS Notes:

1. Quantity per lot reported installed in CAD/PAD Traceability System (TRACE).
2. No lots have expired since the last publication of this report.
3. The next lot scheduled to expire will expire in September 2006.
4. Indian Head has changed its manufacturer's identification svmbol from IH to IHM.
5. 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 1: 240 months (20 years)
d. Rocket motor WUC: 97D3P Mod O and Mod 1
e. One per aircraft (ECMO-2).



Lot No.	Lot quantity	EA-6B	units installed	Service-life expiration date
MBA86J001-021	16	13	13	September 2006
MBA88BOOl H023	6		0	February 2008
MBA88E001025	12	11	11	May 2008
MBA88E001-027	12	0	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

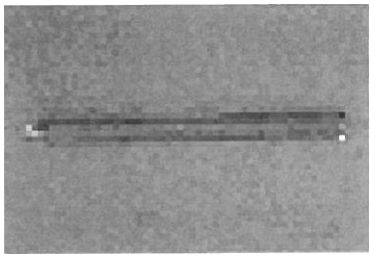
IHM01G002-0064	25		o	July 2021
Total installed:		96		
Grand total installed:			96	
			Total	

ILS Notes:

1. Quantity per lot reported installed in CAD/PAD Traceability System (TRACE).
2. No lots have expired since the last publication of this report.
3. The next lot scheduled to expire will expire in September 2006.
4. Indian Head has changed its manufacturer's identification svmbol from IH to IHM.
5. 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	o		2	2	o	5	August 2006
IH-98FO() I -049	27	1		4	6	0	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		6	Mav 2010
IHM-OOE001-052A[2 4]	9	o		4	o	0		4	Mav 2010
IHMOI BOOI-053A[2 4]	5	0	0	0	o	0		o	Februarv 2011
UPC98E001-003A2 4	4	o	0	o	3	o	1	4	May 2008

Total installed:	9	8	12	18	4	6	
Grand total installed:							57

ILS Notes:

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

2. NSWC/IHDIV has qualified and released a 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 the CKU-7A (MS15) unit. CKU-7A units will still be issued until stock is exhausted.

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

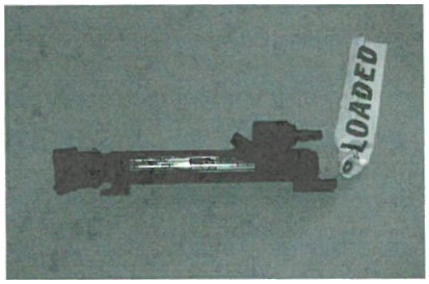
4. Indian Head has changed its manufacturer's identification symbol from IH to IHM.

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

6. For information on the CKU-7A (MS15) conventional ordnance deficiencies on the F-5/T-38 aircraft, see Table V.

7. 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-14D AIRCRAFT



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

1. Parachute Deployment Rocket Motor Mk 122 Mod 0

a. NSN: 1377-01-246-5279
b. DODIC: MT29
c. Service life: 120 months (10 years)
d. Rocket motor WUC: 97D4A
e. Two each per aircraft (pilot and MCC)).

	Total	Service-life

Lot No.	Lot quantity	F-14D units	Total units installed	Service-life expiration date
MBA98J004-014	300	19	19	September 2008
MBA99J004-016	206	4	4	September 2009
MBAOOF004-017	257	7	7	June 2010
UPCOI E005-001	271	15	15	May 2011
UPCO I E005-002	328	4	4	May 2011
UPC01E005-003	242	0		May 2011
Total installed:		49		
Grand total installed:			49	

ILS Notes

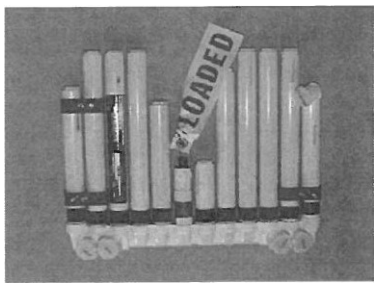
l . Quantity per lot reported installed in CAD/PAD Traceability System (TRACE).

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: 192 months (16 years)
d. Rocket motor WUC: 97D4B
e. One per aircraft (pilot).

Lot No.	Lot quantity	F-14D	Total units installed	Service-life expiration date
MBA91J001-009	21	3	3	September 2007
UPC91KOO I H002A	14	1	1	October 2007
MBA92COOl -010	10	0	0	March 2008
UPC93E002H005	27		1	May 2009
MBA93F002-011	54	3	3	June 2009

UPC94B003H006	80	4	4	February 2010
MBA95C003-012	236	4	4	March 2011
MBA96C003-013	71	o	o	March 2012
MBA97G003-014	33		o	July 2013
MBA98J003-017	33		1	September 2014
MBA99H003-019	53		0	August 2015
MBAO A003-020	47	0	0	January 2017
UPC01E004-001A	26		0	January 2017
MBAOI E003-024	277		0	May 2017
MBA01F003-025		0	0	June 2017
MBA04F004-027	27		o	June 2020
Total installed:		17		
Grand total installed:			17	

ILS Notes:

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

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

MBA90K001-008	October 2005
UPC90L001H001B	November 2005

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

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
MBA91J001-009	34	1	1	September 2007
UPC91K001 H002A	29	o	o	October 2007
UPC91 KOO 1 H003	6	o	o	October 2007
MBA92C001-010	27	0	o	March 2008
UPC93D002H004	62	1	1	April 2009
MBA93F002-011	104	5	5	June 2009
UPC94C003H005	142	9	9	March 2010
MBA95C003-012	165	1	1	March 2011

	MBA96C003-013	71		0	March 2012	Total
Service-life ILS Notes:	MBA97G003-014	70	0	0	July 2013	
	MBA98J003-017	66	o	o	September 2014	1. Quantity per lot reported installed in CAD/PAD Traceability System (TRACE).
	MBA99H003-019	84		0	August 2015	
	MBA01A003-020	76		0	January 2017	
	UPC01E004-001A	36	0	0	January 2017	
	MBA01E003-024	95	0	o	May 2017	
	MBAOlF003-025	97	o	o	June 2017	
	UPCO I E005-002	328		o	May 2017	2. The following lots have expired since the last publication of
	MBA04F003-027	103	0	o	June 2020	
	Total installed:		17			
	Grand total installed:			17		

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

a. NSN: 1377-01-246-5281
b. DODIC: MT31
c. **Service life: 192 months (16 years)**
c. Rocket motor WUC: 97D48
d. One per F-14D and NF-14D aircraft (NFO).

this report:

MBA90K001-008	October 2005
UPC90L001H001B	November 2005

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

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 (MT31) 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.	Lot quantity	F-16A	F-16B	Total units installed	Service-life expiration date
UPCOODOO I -021	14	10	4	14	April 2007
Total installed:		10	4		

Grand total installed:

ILS Notes:

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

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

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.	Lot quantity	F-16A	F-16B	Total units installed	Service-life expiration date
OACOI D001-067	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 (TRACE).
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.

Rocket

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

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

Lot No.	Lot quantity	F-16A	F-16B	Total units installed	Service-life expiration date
IHM01F.001-024	18	10	8	18	Mav 2006
IHM05A001-003[4], [5]	20	o	o	o	January 2012
IH M05D001-004[4], [5]	11		o	o	April 2012
Total installed:		10	8		
Grand total installed:				18	

ILS Notes:

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

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

3. The next lot scheduled to expire " ill expire in May 2006.

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

5. NSWC/IH DIV has qualified and released a CKU-5C/A (.JM60) Rocket Catapult (ROCAT). This new unit can be used in all applications in which the CKU-5B/A unit is currentlv used. The CKU-5C/A is a one-for-one exchange with the CKU-5B/A (MT47) unit.

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

4. Divergence

a. NSN: 1377-01-053-0587
b. DODIC: MD99
C. Service life: 204 months (17 years)
d. Rocket motor WUC: 97EAJ

Rocket

e. One per F-16A, two per F- 16B.

Lot No.	Lot quantity	F-16A	F-16B	Total units installed	Service-life expiration date
UPC96G001-072	18	10	8	18	July 2013
UPC96K001-024	5	0		o	October 2013
Total installed:		10	8		
Grand total installed:				18	

ILS Notes:

1. Quantity per lot reported installed in CAD/PAD Traceability System (TRACE).
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- 16AfB aircraft, see Table

Rocket

19

5. 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 installed	Service-life expiration date
TACO 1 BOO 1-032	18	10	8	18	February 201 1
TACO IL001-035	12			0	November 2011
Total installed:		10	8		
Grand total installed:				18	

Lot quantity

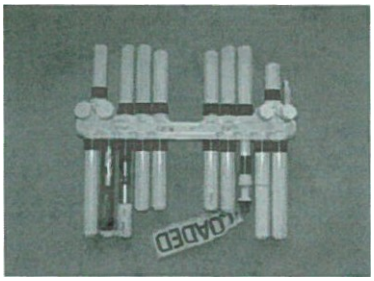
ILS Notes:

1. Quantity per lot reported installed in CAD/PAD Traceability System (TRACE).
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-181AIBIC/D 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
MBA88B001-026	23	o	0	11	3	14	Februarv 2006
MBA88GOO 1-027	5	o				0	July 2006
MBA88B001-028	11	o	o	2		2	February 2006
MBA88G001-029	55		o	23	3	27	July 2006
MBA88G001-031	16	o		3	0	3	July 2006
MBA89A001-033	128	33	11	8	1	53	January 2007
MBA89B001-032	66	2	o	30	21	53	February 2007
MBA89F001-034	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	0	15	5	31	November 2014
MBA99M003-050	7	o	0	5		6	December 2017
MBA02A002-055	75	o	0	3	0	3	January 2020
Total installed:		130	31	144	49		
Grand total installed:						354 Total	

ILS Notes:

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

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

MBA87K001-024	October 2005
MBA87K001-025	October 2005

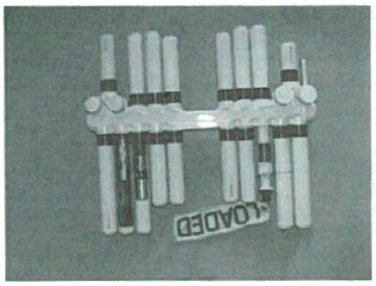
3. The next lots scheduled to expire will expire in February 2006.

4. For information on the Mk 100 Mod 0 (MD68) conventional ordnance deficiencies on the FA- 1 8 aircraft, see Table V.

Lot No.	Lot quantity	FA-18B	FA-18D	units installed	expiration date
MBAS8B001-026	7	0	3	3	February 2006
MBA88G001-029	8		4	4	July 2006
MBA89A001-033	25	3	3	6	January 2007
MBA89B001-032	30	5	14	19	February 2007
MBA91 BOO 1-038	17	8	3	11	February 2009
MBA93C002-040	23	3	2	5	March 2011
MBA94C003-041	33	12	17	29	March 2012
MBA96L003-047	47				November 2015
MBA99M003-050	15	o		o	December 2017
MBA02A002-055	15		2	2	January 2020
Total installed:		31	48		
Grand total installed:				79	

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).



Total Service-life

ILS
Notes:

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

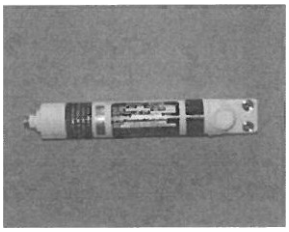
2. The following lots have expired since the last publication of this report:

MBA87K001-024	October 2005
MBA87K001-025	October 2005

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

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 0 and Mod I



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 (1 1 years)
d. Rocket motor WUC: 97D47
e. Two per VA-18
f. For non-NACES FA-18 aircraft.

Lot No.	FA-18A	FA-18B	FA-18C	FA-18D	units	Total expiration quantity	Service-life Lot installed date
UC95D001-044			0		29	0	o April 2006
UPC95G001-2006			0	045	27	00	o 0 July
UPC95HOOl-046		25o			o	0	August 2006
UPC95L001-047	20		0o		0	0	November 2006
UPC96B001-048	48	6	2	23	6	37	February 2007
UPC96COO 1-049	8	0		0	0	0	March 2007
UPC96G001-050	195	23	4	43	29	99	July 2007
UPC96E001-051	18	o			0	o	May 2007
UPC97BOO 1-053	18	o		0	0	o	February 2008
UPC97GOOl -054	14	o	0		0	0	July 2008
UPC97GOOl-055	6	0			0	0	July 2008
UPC98BOOl-056	58	0		0		0	February 2009

Total installed MOD O:		29	6	66	35	136	
UPC99B001-0571	250	o	o	0		0	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	55	7	105	January 2011
TAC01H001-0051	109	6	5	7	4	22	August 2012
TAC01K001-0061	121	33	8	5	5	51	October 2012
TAC01M001-0071	2	o	o		0	o	December 2012
TAC02K001-0081	85	6	o	12	5	23	March 2013
TAC02M002-0011	337	53	22	85	14	174	December 2013
TAC03C001-0091	39	9	o	3		12	March 2014
TAC03M001-0101	361	12	2	6		20	December 2014
UCOOIFOOI-OOII	86	2		2		4	June 2012
TAC04C001-013	251		o	o	o	o	March 2015
UPC05C001-0021	381	0	o	0	o	o	March 2016
Installed: Mod 1		231	60	230	63	584	
Installed Mod 0		29	6	66	35	136	
Overall total:		260	66	296	98	720	

ILS Notes:

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

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

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

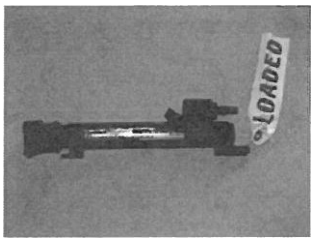
4. The next lots scheduled to expire will expire in April 2006.

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

FA-18C/D/E/F AIRCRAFT

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

1. Parachute Deployment Rocket Motor Mk 122 Mod 0



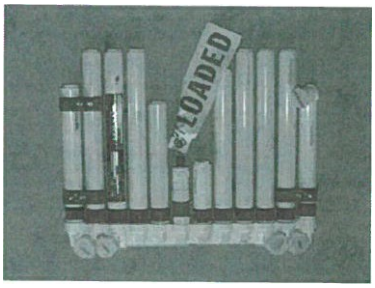
   a. NSN: 1377-01-246-5279
   b. DODIC: MT29
   c. Service life: 120 months (10 years)
   d. Rocket motor WUC: 97D4A
   e. One per aircraft F/A-18C, E, two per aircraft F/A- 1 8E, F (pilot and copilot).

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
UPCO E005-OO I	271	38	51	31	69	189	May 201 1
UPC01E005-002	328	28	14	18	30	90	May 201 1
UPCO E005-003	242	0	0	9	35	44	May 2011
Total installed:		235	173	102	245		
Grand total installed:						755	

ILS Notes:

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



   a. NSN: 1377-01-246-5280
   b. DODIC: MT30
   c. Service life: 192 months (16 years)
   c. Rocket motor WUC: 97D4B
   d. One per F/A-181) and F aircraft (pilot).

ILS
Notes:

Lot No.	Lot quantity
MBA91J001-009	21
UPC91 KOO 1 H002A	14
MBA92COO 1-010	10
UPC93E002H005	27
MBA93F002-011	54
UPC94B003H006	80
MBA95C003-012	236
MBA96C003-013	71
MBA97G003-014	33
MBA98J003-017	33
MBA99H003-019	53
MBAO IA003-020	47
UPC01E004-001A	26
MBAOI E003-024	277
MBA01F005-025	46
MBA04F004-027	27
Total installed:	
Grand total installed:	
Total Service-life	

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

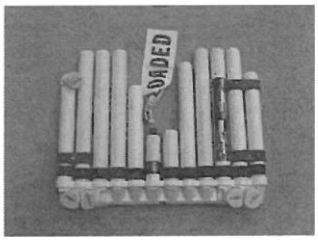
2. The following lots have expired since the last publication of this report:

MBA90K001-008	October 2005
UPC90L001 HOOIB	November 2005

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

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: 192 months (16 years)**
d. Rocket motor WUC: 97D48
e.

One per F/A-181), 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
MBA91JOOl-009	34	8	5		0	13	September 2007
UPC91K001H002A	29	2	3		0	5	October 2007
UPC91K001H003	6	o	o	0	0	0	October 2007
MBA92COOl-OlO	27	9	2	o		11	March 2008
UPC93D002H004	62	2	4	o	0	6	April 2009
MBA93F002-011	104	57	7	o	1	65	June 2009
UPC94C002H005	142	54	30	o	0	84	March 2010
MBA95C003-012	165	75	10	11	13	109	March 2011
MBA96C003-013	71	6	4	0		1 1	March 2012
MBA97G003-014	70	11	12	11	14	48	July 2013
MBA98J003-017	66	2	5	7	9	23	September 2014
MBA99H003-019	84	1		23	20	44	August 2015
MBA01A003-020	76	o		21	28	49	January 2017
UPCO E004-OO IA	36		o		0	0	January 2017
MBA01E03-024	95		0	8	18	26	May 2017
MBAOlF003-025	97	0	o	22	20	42	June 2017
UPCOI E005-002	50		o	o		1	May 2017
MBA04F004-027	103	o		0	0	o	June 2020
Total installed:		228	82	103	124		
Grand total installed:						537	

Il-s Notes:

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

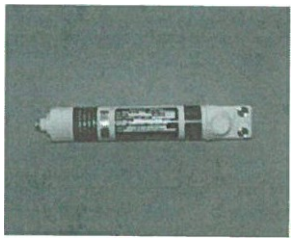
2. The following lots have expired since the last publication of this report:

MBA90K001-008	October 2005
UPC90L001H001B	November 2005

3. The next lots scheduled to expire will expire in September 2007.

4. For information on the Mk 124 Mod 0 (MT31) conventional ordnance deficiencies on the F- 1 8 aircraft, see Table V.

4. Rocket Motor Mk 109 Mod 0 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 (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
U PC95D001-044	29	12	o	2		14	April 2006
UPC95GOOl-045	27	17		1	1	19	July 2006
UPC95H001-046	25	18			1	19	August 2006
UPC95LOOl -047	20	15	o		o	15	November 2006
UPC96BOO 1-048	48		o			o	February 2007
UPC96C001-049	8	5		1	2	8	March 2007
UPC96G001-050	195	10	o	28	32	70	July 2007
UPC96E001-051	18	14		0		14	May 2007
UPC97B001-053	18	8	5	2		15	February 2008
UPC97G001-054	14	7	9	o		16	July 2008
UPC97G001-055	6	4	o		o	4	July 2008
UPC98B001-056	58	6	18	18	16	58	February 2009
Total installed:		116	32	52	52	252	
TAC99D001-0021	250	29			16	73	April 2010
IH-98D001-0011	57	2	0		0	2	April 2009
TACOOAOOI-0031	273	66	22	23	33	144	January 2011
TACOIHOOI-0051	109	47	14	8	10	79	August 2012
TAC01K001-0061	121	27	3	13	27	70	October 2012

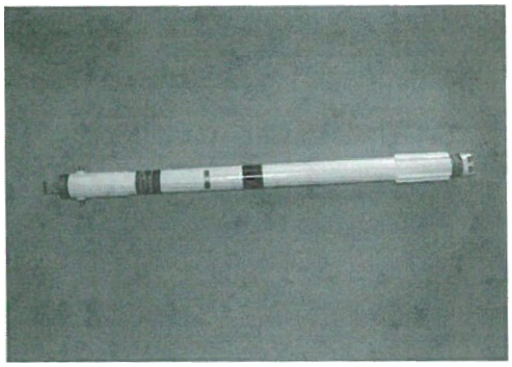
TACOIMOOI-0071	2	o	o	o		0	December 2012
TAC02K001-0081	85	10	6	28	18	62	March 2013
TAC02M001-0011	337	102	30	17	1	163	December 2013
TAC03M001-0091	39	12	10			22	December 2014
TAC03M001-0101	361	73	29	4	20	126	December 2014
TAC04C001-0131	241	o	o		2	2	March 2015
UCOOIFOOI-OOI	86	0	4	36	37	77	June 2012
UPC99B01-0571	57	o	10	12	16	38	February 2010
UPC05C001-0021	381					o	March 2016
Installed: Mod 1		368	142	155	193	858	
Installed: Mod 0		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) Canopy Jettison Rocket Motor. 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 (TRACE).
3. No lots have expired since the last publication of this report.
4. The next lot scheduled to expire "ill 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	Total units installed	Service-life expiration date
IH-96K001-007	10	6	6	October 2006
IHM99F002-0184	9	0	0	June 2009
IHOOC002-009	14	10	10	March 2010
IHM02B002-0204	21		4	February 2012
Total installed:		20		
Grand total installed:			20	

ILS Notes:

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

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

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

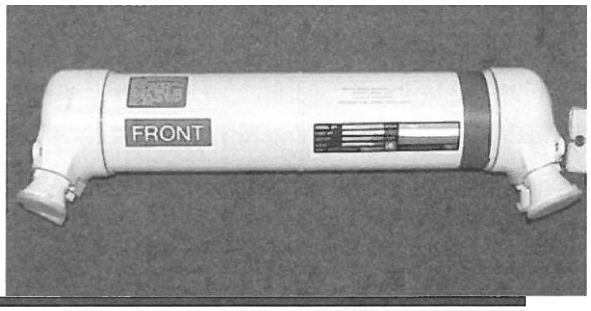
4. Indian Head has changed its manufacturer's identification symbol from IH to IHM.

5. For information on the Mk 12 Mod 1 (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 O



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	T-6A	Total units installed	Service-life expiration date
MBAOOK001-025	2	2	2	October 2007
MBA01G001-027	10	10	10	July 2008
MBAOlG001-031	1	1	1	July 2008
MBAOI KOO 1-029	2	2	2	October 2008
MBAOlK001-033	4	4	4	October 2008
MBAOI KOO 1-034	3	3	3	October 2008
MBA01K001-035	5	5	5	October 2008
MBA01KOOl-036	6	6	6	October 2008
MBAOI KOO 1-038	2	2	2	October 2008
MBA02J001-039		1	1	September 2009
MBA03COO I -040	1	1	1	March 2010
MBA03F001-042	4	4	4	June 2010
MBA03FOOl-043	1	1	1	June 2010
Total installed:				
Grand total installed:			42	

ILS Notes:

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

2. The following lot have expired since the last publication of this report:
MBA98M001-006 December 2005

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

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
MBAOOK001-022	2	2	2	October 2007
MBAOlG001-028	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
MBA01KOOl-035	3	3	3	October 2008
MBA01KOOl-037	5	5	5	October 2008
MBA01K001-038	1	1	1	October 2008
MBA02J001-039	1	1	1	September 2009
MBA03C001-040	1		1	March 2010
MBA03C001-041	1	1	1	March 2010
MBA03F001-042	1	1	1	June 2010
MBA03F001-043	4	4	4	June 2010
Total installed:		42		
Grand total installed:			42	

ILS Notes:

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

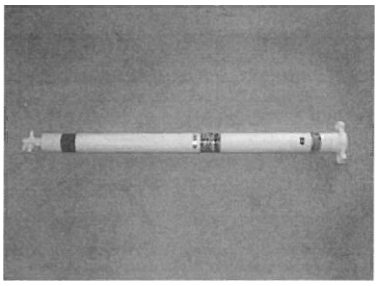
2. The following lot have expired since the last publication of this report:
MBA98M001-006 December 2005

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

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



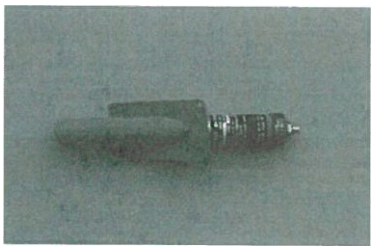
1. Rocket Catapult Mk 16 Mod 1

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

Lot No.	Lot quantity	S-3B	Total units installed	Service-life expiration date
U PC9313004-031	14	3	3	Februarv 2006
UPC97BOOl-032	7	1	1	February 2010
UPC99J001-034	173	79	79	September 2012
UPC99L001-035	183	93	93	November 2012
UPC02COO -036	193	90	90	March 2015
UPC03BOOl-037	151		0	February 2016
Total installed:				
Grand total installed:		266	266	

ILS Notes:

1. Quantity per lot reported installed in CAD/PAD Traceability System (TRACE).
2. No lots have expired since the last publication of this report.
3. The next lot scheduled to expire will expire in Februarv 2006.
4. For information on the Mk 16 Mod I (MD72) conventional ordnance deficiencies on the S-3B aircraft, see Table V.



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

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

Lot No.	Lot quantity	S-3B	Total Units Installed	Service-life expiration date
UPC99F001-003A1	10	2	2	June 2006
IHMOOB002-0061,3	14	4	4	Februarv 2007
UPCOOE001-0041,3	90	6	6	May 2007
UPC93B001-021	391	113	113	February 2009
UPC94C001-022	25	7	7	March 2010
Total installed:		128		
Grand total installed:			128	

ILS Notes:

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

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

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

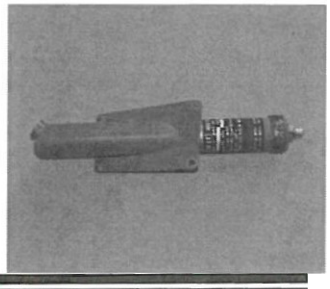
4. No lots have expired since the last publication of this report.

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.

Lot No.	Lot quantity	S-3B	units installed	expiration date
IH-99H001-005	106	49	49	August 2006
IHMOOB002-0064	110	65	65	February 2007
UPCOOEOO I -002	22	15	15	May 2007
UPC04G001-004	31	0	0	July 2011
UPC04L001-005	50	0	0	November 2011
Total installed:		129		
Grand total installed:			129	

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



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

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).

Total Service-life

ILS Notes:

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 (TRACE).

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

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

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

6. For information on the Mk 90 Mod I (MU75) conventional ordnance deficiencies on the S-3B aircraft, see Table V.

Service-life

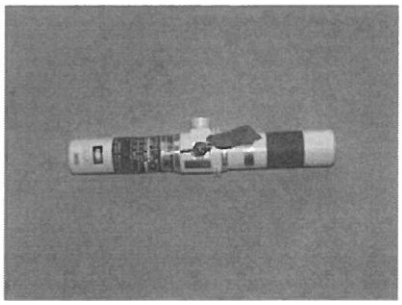
ILS Notes:

Lot No.	Lot Quantity	S-3B	units installed	expiration date	Total
ESDOOBOOI-OOII	105	50	50	February 2007	
ESDOOH001-0021	122	54	54	August 2007	
UPC02L002-015	98	24	24	November 2009	
UPC04GOO 1-006	7	0	o	July 2011	
Total installed:		128			
Grand total installed:			128		

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

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

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.

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.

Lot No.	Lot quantity	S-3B	units installed	expiration Date	Total
TAC93LOO -006A	107	39	39	November 2006	reported
TAC95J001-007A	86	62	62	September 2008	CAD/PAD System
TAC96H001-001A	286	1 40	140	August 2009	
TACOOKOO I -008		23	23	October 2013	expired
TACO I GOO I -009	96	o	o	July 2014	publication
IHM05C002-007	105	o	0	March 2012	
Total installed:		264			scheduled to
Grand total installed:			264		expire in

Service-life ILS Notes:

1. Quantity per lot installed in Traceability (TRACE).
2. No lots have since the last of this report.
3. The next lot expire will 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		December 2006
ESDOOK001-002	121	36	36	October 2007
ESDO I-003A	131	22	22	June 2008
UPC02L002-016	89	10	10	November 2009
Total installed:		132		
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 (TRACE).

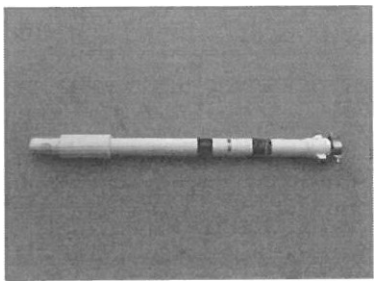
2. No lots have expired since the last publication of this report.

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

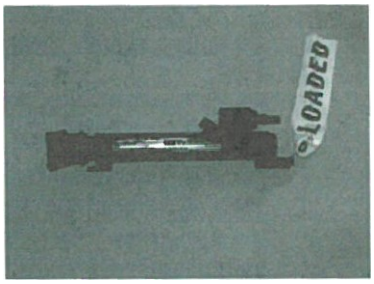
Lot No.	Lot quantity	T-2C	Total units installed	Service-life expiration Date
IH-96KOOl-016	56	12	12	October 2006
IH-96KOO 1-017	27		0	October 2006
IH-99F002-018	46	36	36	June 2009
IH-OOC002-019	31	2	2	March 2012
IHM02B002-020	12	o		February 2012
Total installed:		50		
Grand total installed:			50	

ILS Notes:

1. Quantity per lot reported installed in CAD/PAD Traceability System (TRACE).
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. Indian Head has changed its manufacturer's identification symbol from IH to IHIVI.
5. We have not received any conventional ordnance deficiencies (CODRs) on Mk 1 8 Mod 0 (M941) used on the S-3B aircraft. For past CODRs see Table 5.

T-45A/C AIRCRAFT

(Forward SJU-17/(V)5/A (F
SJU-17/(V)6/A seat)
(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 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
UPCOI E005-OOl	271	42	58	100	May 2011
UPC01E005-002	328	19	27	46	May 2011
UPC01E005-003	242	1	2	3	May 2011
Total installed:		144	194		
Grand total installed:				338	

ILS Notes:

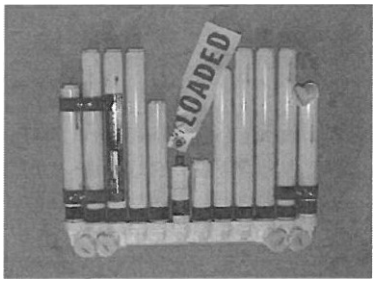
l . Quantity per lot reported installed in CAD/PAD Traceability System (TRACE).

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

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

4. We have not received any conventional ordnance deficiencies (CODRs) on Mk 122 Mod 0 (MT29) used on the T-45 aircraft. For past CODRs see Table 5.

2. Underseat Rocket Motor Mk 123 Mod O



a. NSN: 1377-01-246-5280
b. DODIC: MT30
c. Service life: 192 months (16 vears)
d. Rocket motor WUC: 97D4B
e. One per aircraft (Pilot seat).

Lot No.	Lot quantity	T-45A	T-45C	Total units installed	Service-life expiration Date
MBA91J001-009	21	1	0		September 2007
UPC91K001H002A	14	1	0		October 2007
MBA92COOl-010	10	5	0	5	March 2008
UPC93E002H005	27				May 2009
MBA93F002-011	54	29	4	33	June 2009
UPC94B003H006	80		8	32	February 2010
MBA95C003-012	236	9	7	16	March 2011
MBA96C003-013	71	0	7	7	March 2012
MBA97G003-014	33	2	13	15	July 2013
MBA98J003-017	33	0	9	9	September 2014
MBA99H003-019	53	0	18	18	September 2015
MBAO I A003-020	47	0	17	17	January 2017
UPCOI E004-001A	26		0	0	May 2017
MBA01E003-024	277		14		May 2017
MBAOI F003-025	46	0			June 2017
MBA04F004-027	27				June 2020
Total installed:		72	98		
Grand total installed:				170	

ILS Notes:

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

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

MBA90K001-008	October 2005
UPC90L001H001B	November 2005

3. The next lots scheduled to expire will expire in September 2007.

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

3. Underseat Rocket Motor Mk 124 Mod O

a. NSN: 1377-01-246-5281
b. DODIC: MT31
c. Service life: 192 months (16 years)
c. Rocket motor WUC: 97D48
d. One per aircraft (Aft seat).

Lot No.	Lot quantity	T-45A	T-45C	Total units installed	Service-life expiration date
MBA91J001-009	34	3	o	3	September 2007
UPC91K001H002A	29	2		2	October 2007
UPC91K001H003	6	o		0	October 2007
MBA92COO 1-010	27	5	0	5	March 2008
UPC93D002H004	62	2		2	April 2009
MBA93F002-011	104	23		23	June 2009
UPC94C003H005	142	25	9	34	March 2010
MBA95C003-012	165	4	5	9	March 2011
MBA96C003-013	71	1	7	8	March 2012
MBA97G003-014	70	5	16	21	July 2013
MBA98J003-017	66		15	15	September 2014
MBA99H003-019	84	0	16	16	August 2015
MBAOlA003-020	76		16	16	January 2017
MBA01E003-024	95		13	13	May 2017
MBA01F003-025	97	0	1	1	June 2017

UPC01E005-002	45	0	o		May 2017
MBA04F004-027	103			0	June 2020
Total installed:		70	98		
Grand total installed:				168	

ILS Notes:

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

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

MBA90K001-008	October 2005
MBA90H001-007	November 2005

3. The next lots scheduled to expire will expire in September 2007.

4. We have not received any conventional ordnance deficiencies on Mk 124 Mod 0 (MT3 1) used on the T-45 aircraft. For past CODRs see Table 5.

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 NAVA IR 1 1-100-1. I -CD at the time this report was printed; NAVAIR 1 1-100-1. 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 60 months.

Table l. Service-Life Listing[a]
[As of 31 January 2006]

Device	Service life (mo)	Operating range (OF)
Rocket Catapult		
Mk 12 Mod 1120—40 to 165 Mk 16 Mod 1156—40 to 160 Mk 18 Mod O120—40 to CKU-548—40 to 165	165 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		-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 86/87/88 Mod O240—40 1240—40 to 160 Mk 100 Mk 101 Mod O204—40 to Mk 123 Mod O192-65 to 165	165 Mk 138 to 160 Mk Mod O204—40 160 165 Mk 124	Mod O84-65 to 86/87/88 Mod to 160 Mod O192-65 to
Canopy Remover Rocket Motor		
Mk 109 Mod O132-65 to 165 PIN Jl 14716-1 (FRS)84-65 to P/N Jl 14716-501 (LS)84-65	Mk 109 Mod 200 to 200	1132-65 to 165
Rocket Motor Divergence		
Mk 121 Mod O P/N 1143-3	84 204	—40 to 160 —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 January 20061

Device	DODIC	Propellant type	Explosive weight (lb)	Manufacturer	Part number	Specification	Aircraft	Aircraft manufacturer
Rocket Catapults (Navy)								
Mk 12 Mod 709ASIOOMIL-International	MC77 MD72	DTL-Corp.			PIN 31276	1CTPB5.00Indian	OV-10A S-3A, TA-4J	HeadNAVAIR 85097/9A(AS)Rockwell
Mk 16 Mod 736AS300MIL-California Corp.	M941	DTL-				1CTPB7.00Indian	T-2	HeadNAVAR 85097/1BLockheed
								UPCO(1000-6)McDonnell Douglas
Mk 18 Mod OCTPB5.00Indian HeadNAVAIR 707AS100MIL-DTL-85097/12(AS)Rockwell International Corp.								
Rocket Catapults (Air Force)								
CKU-HeadFI	MS15 JI96	UPCO			1820361MIL-C-	48568Northrop	F-5E F-5F T-38 F-5E F-5F T-38 F-16A/B	7/ACTPB6.40Indian Corp.
CKU-820361MIL-C-	MT47				48568Northrop	Corp.		7/A'ACTPB6.40UPCOFil
CKU-	JM60						F-16A/B	5B/ACTBP7.00Indian Head5184322MIL-C-
82734AGeneral Dynamics								
		UPCO						
CKU-5C/ACTBP7.00Indian Head5184322MIL-C-82734AGeneral Dynamics								
		UPCO						
Rocket Motors								

Mk 137 Mod	JL58			ODouble	Base5.68Martin-	T-6A
	JL59					T-6A
	MF21					AV-8B NAV-8B TAV-8B
	MF21					AV-8B NAV-8B TAV-8B
	M928					S-3B
	MU76					
	M929					S-3B ES-3A
	MF57					S-3B ES-3A
	M932					S-3B ES-3A
	M938					EA-6B
	M938					EA-6B
	M939					EA-6B
	M939					EA-6B
	M940					EA-6B
	M940					EA-6B
	MU75					S-3B ES-3A

BakerMBEU185620Raytheon

Mk 138 Mod ODouble Base5.68Martin-BakerMBEU185621Raytheon

Mk 79 Mod 1 (SBR)CTpB2.70Indian HeadNAVAIR 672AS200MIL-A-85097/3C(AS)Hawker-Siddeley/ McDonnell CTPBTalleyPIN 50579-5

Mk 79 Mod 2 (SBR)HTpB2.70Indian HeadNAVAIR 672AS200MIL-A-85097/3C(AS)Hawker-Siddeley/ McDonnell HTpBTalleyPIN 50579-7

Mk 82 Mod OCTPB0.60UPCONAVAIR 944ASIOOMIL-DTL-85097/5B(OS)Lockheed California Corp.
(Man/Seat1033-2 (UPC)
Separator, Left)
MK 82 MOD 1

Mk 83 Mod OCTPB0.05UPCONAVAIR 946ASIOOMIL-DTL-85097/6A (AS) s-3B Lockheed California Corp.
(Low Yaw Thruster)Pacific1105-1 (UPC) Scientific

Mk 84 Mod 2CTPB1.12TalleyNAVAR 503AS200MIL-DTL-85097/7D(OS) s-3B Lockheed California Corp.
(Vernier Rocket)UPCO(50436-9)

(1340-2)

Mk 85 Mod OCTPB0.10UPCONAVAR 989ASIOOMIL-DTL-85097/6A(AS)Lockheed California Corp.
(High Yaw Thruster)Pacific1136-1 (UPC) Scientific

Mk 86 Mod ODouble Base6_40Martin-BakerNAVAR 4904171MIL-A-85097/8B(AS)Grumman Aerospace Corp. (PiloUECMO-3)UPCO(MB-200-610)

Mk 86 Mod 1Double Base6.40Indian Head759AS170MIL-A-85097/8B(AS)Grumman Aerospace Corp.
(PiloVECMO-3)

Mk 87 Mod ODouble Base6.40Martin-BakerNAVAR 4904172MIL-A-85097/8B(AS)Grumman Aerospace Corp.

(ECMO-I)UPCO(MB-200-612)

Mk 87 Mod 1Double Base6.40Indian Head759AS180MIL-A-85097/8B(AS)Grumman Aerospace Corp.
(ECMO-I)
Mk 88 Mod ODouble Base6.40Martin-BakerNAVAIR 4904173MIL-A-85097/8B(AS)Grumman Aerospace Corp.
(ECMO-2)UPCO(MB-200-614)

Mk 88 Mod 1Double Base6.40Indian Head759190MIL-A-85097/8B(AS)Grumman Aerospace Corp.
(ECMO-2)

Mk 90 Mod 1CTPB0.60Indian HeadNAVAR 970AS201MIL-DTL-85097/5B(OS) S-3B Lockheed California Corp.

Table II—Continued

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

Mk 100 Mod O					MBEU-69025-2 NAVAR 1176AS200	MIL-A-85097/8B	18A F 18B F 18C	
Mk 101 ModO			6.60	Martin-Baker		MIL-A-85097/8B	FA-180	
Mk 109 Mod O	MD68	Double Base			MBEU-69028-2 NAVAR 1176AS300	MIL-DTL-85097/13C (OS)	FA-18B FA-180 FA-18A F 18B	McDonnell Douglas
	MD69	Double Base	6.60	Martin-Baker			FA-18C	McDonnell Douglas
Mk 109 Mod 1	MF56	CTPB	1.0	Indian Head Talley UPCO	PIN-50656-5 NAVAR 1507ASIOO	MIL-DTL-85097/13A(OS)	FA-18D FA- 18E FA-18F	McDonnell Douglas (Boeing)
Mk 113 Mod 1	SS67		1.0	Indian Head UPCO	1507AS201		FA-18A	McDonnell Douglas (Boeing)
Mk 121 Mod O (Divergence)						MIL-DTL-85097/11 D(OS)	FA. 18B FA-18C	
Mk 122 Mod O	MG67	CTPB HT PB	0288	UPCO Talley	NAVAR 673AS200 PIN 50885-1	MIL-A-85097/15	FA-18E	Hawker-Siddeley/ McDonnell Douglas
	MT28	CTPB	0.22	UPCO Pacific Scientific	PIN 1163-3 (UPC) NAVAR 673AS300 2-102370-2 (Pac sci)	MIL-A-85097/16	FA- 18F AV-8B TAV-8B	McDonnell Douglas
Mk 123 Mod O	MT29	Double Base	0.5	Martin-Baker UPCO	MBEU-146190	MIL-A-85097/17	TAV-8B	McDonnell Douglas
Mk 124 Mod O	MT30	Double Base	6.8	Martin-Baker UPCO	MBEU-142801	MIL-A-85097,'17	FA-18C FA-180 FA-18E	British Aerospace/ McDonnell Douglas Grumman Aerospace Corp. McDonnell Douglas
Mk 205 Mod 2	MT31	Double Base	6.8	Martin-Baker UPCO	MBEU-142802	MIL-DTL-85097/2E	FA_ 18F T-45 A T-45C F_14D F 18C FA- 18D	Grumman Aerospace Corp. McDonnell Douglas British Aerospace/ McDonnell Douglas
PIN 2820100-1 (Canopy Remover, Right)	XW36	CTPB HTPB	025	Talley			FA-18F T-45A T-45C	Grumman Aerospace Corp. Hawker-Siddeley/ McDonnell Douglas
PIN 2820100-2 (Canopy Remover. Left)	ME80	CTPB	.0.7	Ordnance Engineering Assoc. Inc	NAVAIR 772AS400 PIN 5913-5		F_14D FA-18C	General Dynamics
PIN 1143-3 (Divergence)	ME81	CTPB	.0.7	Ordnance Engineering Assoc. Inc.	2820100-1		FA-180 FA-18E	General Dynamics
PIN 50436-11 (Vernier Rocket)	MD99	CTPB		UPCO	2820100-2		FA-18F	General Dynamics
	MT32	CTPB	I.I	Talley Inc.	PIN 1143-3 PIN 50436-11		T-45 A T-45C F_14 D AV-8B TAV-8B	

							F-16A/B F_16A/B F-16A/B F-16A/B	

Table Ill. Total Installed Assets

[As of 31 January 2006]

PAD device	DODIC	Aircraft	Quantity installed (ea)	Total quantity installed
Mk 12 Mod 1		ov-10	20	20
Mk 16 Mod 1	MC77	S-3B	266	266
Mk 18 Mod O	MD72	TQC	50	50
CKU-5B/A	M941	F_16A	10	
	MT47	F_ 16B	8	18
		F_16A		
	JM60	F_ 16B	0	
Mk 82 Mod O		S-3B	120	120
	M928			120
MK 82 Mod 1		S-3B	12	12
	MU76			132
Mk 83 Mod O		S-3B	128	128
Mk 85 Mod O	M929	S-3B	132	132
Mk 86 Mod O	M932	EA-6B	142	142
Mk 86 Mod 1	M938	EA-6B	50	50
	M938			192
Mk 87 Mod O		EA-6B	87	87
Mk 87 Mod 1	M939	EA-6B	9	9
	M939			96
Mk 88 Mod O		EA-6B	52	52
Mk 88 Mod 1	M940		44	44
	M940	S-3B		96
Mk 90 Mod 1			129	129
	MU75			129
	MU75			

Table 111—Continued

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

Table

			130	
			31	
			144	
			49	
Mk 100 Mod O	MD68	FA- 18A FA- 18B FA-18C FA-18D	31 48	
Mk 101 Mod O	MD69	FA-18B	240 2	354
Mk 79 Mod 1	MF21	FA- 18D AV-8B NAV-8B TAV-8B	60 29 6	79
Mk 109 Mod O Non-NACES	MF56	FA-18A FA-18B FA- 18C FA-18D	66 35 231	302
Mk 109 Mod 1 Non-NACES	SS67	FA-18A FA-18B FA-18C FA-18D	60 230 63	136
MK 109 Mod O NACES	MF56	FA-18C FA-18D FA-18E FA- 18F	116 32 52 52	584 720
Mk 109 Mod 1 NACES	SS67	FA- 18C FA-18D FA- 18E FA- 18F	368 142 155 193	252
Mk 84 Mod 2	MF57			858
P/N Jl 14716-1	MT34	S-3B	264	1,578
P/N Jl 14716-502	ME-81	F-16A F-16B	10 4	264
P/N 50436-11	MT32	F-16A F-16B	10 4	14
P/N 1143-3	MD99	F-16A F-16B	10 8	14
		F-16A F-16B	10 8	18 18

111—Continued

PAD device	DODIC	Aircraft	Quantity installed	Total quantity installed (ea)
Mk 113 Mod 1	MG67	AV-8B NAV-8B TAV-8B	129 1 30	
CKU-7A	MS15	F_5N T-38A T-38C T-38N	9 8 8 15 4	160
CKU-7A/A	JL96	T-38A T-38C T-38N	5 0 4 3	49
Mk 121 ModO	MT28	TAV-8B F_14D	1 60	8 57
Mk 122 Mod O	MT29	FA-18C FA-18D FA-18E FA-18F	49 235 173 102	60 49 755
Mk 123 Mod O	MT30	T-45A T-45C F_14D FA- 18D FA- 18F	245 144 194 17 83	338 1 , 142 17 208
Mk 124 Mod O	MT31	T-45A T-45C F_ 14D FA-18C FA-18D F 18E FA- 18F	125 72 98 17 228 82 103 124	170 395 17 537
Nik 205 Mod 2		T-45A T-45C	72 98	170 724
Mk 137 Mod O Mk 138 Mod O	JL58 JL59	AV-8B NAV-8B TAV-8B T-6A T-6A	129 30 42	160 42 42

Table

			42	

Table IV. Total Reported Installed by Lot Number

[As of 31 January 2006]

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	1		February 2010	
		UPC99J001-034	173	79	20	September 2012	
		UPC99L001-035	183	93		November 2012	ov-10
		UPC02C001-036	193	90		March 2015	
		UPC03B001-037	151			February 2016	
M941	Mk 18 Mod O						
		IH-96K001-016	56	12	266	October 2006	
		IH-96K001-017	27	36		October 2006	
		IH-99F002-018	46	2		June 2009	SOB
		IH-OOC002-019	31			March 2010	
M928	Mk 82 Mod O	IHM02B002-020	12			February 2012	
MU76	MK 82 Mod 1	UPC93B001-021	391	113	50	February 2009	
		UPC94C001-022	25	7		March 2010	TQC
		UPC99F001-003A	10	2	120	June 2006	
M929	Mk 83 Mod O	UPCOOEOOI - 004	90	6		May 2007	
		IHM00B002-006		4		February 2007	
		ESDOOBOOI-OOI	96	50	12	February 2007	
M932	Mk 85 Mod O	ESDOOH001-002	119	54	128	August 2007	S-3B
		UPC02L002-016	98	24		November 2009	
		ESD99M001-001	121	64	128	December 2006	SOB
		ESDOOKOOI - 002	121	36		December 2006 June 2008	
M938	Mk 86 Mod O	ESD01F001-003A	89	22		November 2009	
		UPC02L002-016	24	10	132		S-3B
		MBA86J001-021	43	34		September 2006	
		UPC86J001-001A/B	7	23		September 2006	
		MBA86J001H020	24	48		September 2006	
		MBA88B001 H023	24	6	142	February 2008	
		MBA88E001-027	79	19		May 2008	
M939	Mk 87 Mod O	MBA89F001-030	70	12	50	June 2009	
		IH-94L002-003A		50		November 2014	
		IHM01G002-006	39		192	July 2021	
			18	39			EA-6B
			25	18		September 2006	
		MBA86J001 H020	8	10		September 2006	
		MBA86J001-021	11	8		September 2006	
		UPC86J001-001A/B	10	5	87	February 2008	
			3	1		May 2008	
					9	May 2008	
					96	August 2008	
						May 2008	
						June 2009	
						November 2014	EA-6B

Table

		MBA88B001H023 MBA88E001-025 MBA88E001-028 MBA88H001H029 MBA88E001-030 MBA89F001-031 IH-94L002-003A IHM01G002-006	12 11 26 49	6 9		July 2021	

IV—Continued

DODIC	Model	Lot No.	Lot quantity	Quantity Installed	Total installed	Expiration date	Aircraft type(s)
M940	Mk 88 Mod O	MBA86J001-021	16	13		September 2006	
		MBA88E001-025	12			May 2008	
		MBA88B001023		I l		February 2008	
		MBA88E001-027	6			May 2008	
		MBA89F001-030	12	0		June 2009	
		MBAOOL002-031	24	10		November 2020	
		IH-94L002-003A	46	18		November 2014	
		IH-94L002-004	49	38		November 2014	
		IHM01G002-006	25	6		July 2021	
			25		52		
MU75	Mk 90 Mod 1						
		IH-99H001-005			44	August 2006	
		IHMOOB002-006	106	49		April 2007	
		UPCOOE001-002	110	65	96	May 2007	EA-6B
		UPC04G001-004	22	15		July 2011	
MD68	Mk 100 Mod O	UPC04L001-005	31			November 2011	
			50				
		MBA88B001-026					
		MBA88G001-027	23	14	129	February 2006 July 2006	S-3B
		MBA88B001-028	5	2			
		MBA88G001-029	11	27		February 2006 July 2006	
		MBA88G001-031	55	3			
		MBA89A001-033	16	53		July 2006	
		MBA89B001-032	128	53		January 2007	
		MBA89F001-034	66	6		February 2007	
		MBA91B001-038	8	35		June 2007	
		MBA93C002-040	66	88		February 2009	
		MBA94C003-041	182	33		March 2011	
MD69	Mk 101 Mod O	MBA96L003-047	46	31		March 2012	
		MBA99M003-050	47	6		November 2015	
		MBA02A002-055	19	3	354	December 2017	
			75			January 2020	FA-18A/B/C/D
		MBA88B001-026					
		MBA88G001-029				February 2006	
		MBA89A001-033		3		July 2006	
		MBA89B001-032	7	4		January 2007	
		MBA91B001-038	8	6		February 2007	
MF21		MBA93C002-040	25	19		February 2008	
	Mk 79 Mod 1	MBA94C003-041	30	11		March 2011	
		MBA96L003-047	57	5		March 2012	
		MBA93M003-050	23	29	79	November 2015	FA- 18B/D
		MBA02A002-055	33			December 2017	
			47			January 2020	
		TAC97D001-001	15	2			
		TAC97J002-001	75			April 2008	
		IH-98A003-002				September 2008	
		TAC99H002-002		69		January 2009	
		IH-99M002-003	135	130		August 2010	
		TACOOL002-003	171	73		December 2010	
		TACOI E002-004	110	30		November 2011	
		TACOI E002-005	261	2		May 2012	
		TACO IK002-006	50			May 2012	
		TAC01K002-007	30			October 2012	
		TACOI M002-008			302	October 2012	AV-8B/TAV-8B

Table

		TAC02A002-009 TAC02E002-010	50 28 53 40 20 8 12	0 0 0 0 0 0		December 2012 January 2013 May 2013	

IV—Continued

Table

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

Table

			29	NACES	Non-			
		UPC95D001-044	27	FA-18s	NACES			
		UPC95G001-045	25	14	FA-18S		July 2006	
		UPC95H001-046	20	19	0	14	July 2006	
		UPC95L001-047	48	19		19	August 2006	
		UPC96B001-048	8	15		19	November 2006	
		UPC96C001-049	195	8	37	15	February 2007	
		UPC96G001-050	18	70		37	March 2007	
	Mk 109 Mod O	UPC96E001-051	18	14	99	8	March 2007	
		UPC97B001-053	16	15	0	169	May 2007	
MF56		UPC97G001-054	6	16	0	14	February 2008 July 2008	
		UPC97G001-055	58	4	0	15	July 2008	
		UPC98B001-056	Mod O	58	0	16	February 2009	
				252	136	4		
		UPC99B001-057				58		
		IH-98D001-001	51					
		TAC99D001-002	57	38	43	388	February 2010 April 2009 April 2010	
		TACOOA001-003	250	2	130	38		
		TAC01H001-005	273	73	105	45		
		TAC01K001-006	109	144	22	203	January 2011	
		TAC01M001-007	121	79	51	249	August 2012	
	Mk 109 Mod 1	TAC02K001-008	2	70		101	October 2012	
SS67		TAC02M002-001	85		23	-1	December 2012	
		TAC03C001-009	337	62	174	21	March 2013	
		TAC03M001-010	39	163	12	o 85	December 2013	
		UPCOI -001	361	22	20	337	March 2014	
		TAC04C001-013	86	126		34	December 2014	
		UPC05C001-002	241	77		146	June 2012	
			381	2	657	77	December 2014	
			Mod 1	0	136	2	March 2016	
			Mod O	858	793			
				252		1 ,436		
		TAC93L001-006A		1,110		388		
		TAC95J001-007A	107			1824		
		TAC96H001-001A	86	39			November 2006 September 2008	
		TACOOKOOI -008 TAC01G001-009	286	62			August 2009	
	Mk 84 Mod 2		96	140			October 2013	
MF57			96	23			July 2014	S-3B
			237			264		
		UPC99D001-001	32	143			April 2007 July 2008	MG67
	Mk 113 Mod O	UPCOOG001-002	64	9	152		December 2006	MG67
MG67		TAC98M003-001	30	6			July 2008	
		TACOOJ004-003	7	2			August 2009	
MGô7	Mk 113 Mod 1	TACOI H004-004	14		8		May 2012	AV-8B/TAV-8B
		TACOI E004-006			160			MS15
		IH-96H001-048	5	5			August 2006	
		IH-99F001-049	21	13			June 2009	
MS15	CKU-7/A	IHM-OOC001-051	46	25	49		March 2010 May 2010	JL96
		IHM-OOE001-052	22	6			May 2010	
		IHM-OOEOOI -052A	9	4			February 2011	F-5E/F/T-38A/C/N
JL96	CKU-7AJA		5		8	57	May 2008	

IV—Continued

		IHM-OI BOOI - 053A UPC98E001- 003A	4	4			

Table IV—Continued

DODIC	Model	Lot No.	Lot quantity	Quantity Installed			Total installed	Expiration date	Aircraft type(s)
MT28	Mk 121 Mod O		86	60	60	T-45	TAV-8B	January 2007	
			19		F_18	81		November 2009	
		ESDOOAOOI-OOI	19		149	44	249	April 2011	
		UPC02L001-024			141	64	189		
		TAC04D001-001		F_14D	142	100	213		
MT29	Mk 122 Mod O			19	189	46	304		
			300	4	90	3	140	September 2008	
			206	7	44	388	47	September 2009	
		MBA98J004-014	257	15	755		1142	June 2010	
		MBA99J004-016	271	4		1		May 2011	
		MBAOOF004-017	328	0	2 1		6	May 2011	
		UPCOI E005-001	212	49	o 7	5	3	May 2011	
		UPCOI E005-002	Totals		16				
MT30		UPCOI E005-003			36	33	5		T-45A,C
				3	14	32	9	September 2007	
		MBA91J001-009	21		7	16	52	October 2007	
		UPC91K001H002A	14	o	18	7	72	March 2008	
		MBA92C001-010	10	1	13	15	34	May 2009	
		UPC93E002H005	27	3	25	9	14	June 2009	
		MBA93F002-011	54	4	26	18	33	February 2010	
		UPC94B003H006	80	4	31	17	23	March 2011	
		MBA95C003-012	236	o	12 o	14	43	March 2012	
		MBA96C003-013	71	o	208	1	45	July 2013	
		MBA97G003-014	33	o o		170	13	September 2014	
		MBA98J003-017	33	o o				August 2015	
		MBA99H003-019	53	17				January 2017	
		MBAOI A003-020	47		5 o			May 2017	
		MBA01E003-024	277		11	3		June 2017	
		MBA01F003-025							

IV—Continued

MT31 XW36	Mk 123 Mod O Mk 124 Mod O Mk 205 Mod 2	MBA04F004-027 MBA91J001-009 UPC91K001H002A UPC91K001H003 MBA92C001-010 UPC93D002H004 MBA93F002-011 UPC94B003H005 MBA95C003-012 MBA96C003-013 MBA97G003-014 MBA98J003-017 MBA99H003-019 MBA01A003-020 MBA01E003-024 MBA01F003-025 UPC01E005-002 MBA04F004-027 TAC98M002-001 TAC98M002-002 TACOOB002-003A TACO IB002-004 TAC01G002-005	27 Totals 34 29 6 27 62 104 142 165 71 70 66 84 76 95 97 103 Totals 77 50 60 126 11	1 o o o 1 5 9 I o o o 0 o o o o 17 29 38 28 35 11	6 65 84 109 I l 48 23 44 49 26 42 o 537	2 5 2 23 34 9 8 21 15 16 16 13 1 168	395 4 7 o 16 9 93 127 119 19 69 38 60 65 39 43 1 709	June 2020 September 2007 October 2007 October 2007 March 2008 April 2009 June 2009 March 2010 March 2011 March 2012 July 2013 September 2014 August 2015 January 2017 May 2017 June 2017 May 2017 June 2020 December 2006 December 2006 February 2008 February 2009 July 2009	T-45A, C F-14/F-18/T45

Table

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

Table

MT32	P/N 50436-11	TAC01G002-006 TAC04D002-011	24 26	19		July 2009 April 2012	
MT47	CKU-5B/A						
MD99	P/N 1143-3	TAC01B001-032 TAC01L001-035	18 12	18	160	February 2011 November 2011	
MT34	P/N Jl 14716-1	IHM01E001-024	18	18	18 o 18	May 2006	AV-8B/NAV-8B/
ME-81	P/N Jl 14716-502	UPC96G001-072 UPC9K001-024	18 5	18	18	July 2013 October 2013	TAV-8B
JL58	Mk 137 Mod O	UPCOOD001-002	14	14	18 o 18	April 2007	F-16A, F-16B
		OAC01D001-067	14	14	14	April 2007	F-16A, F-16B
JL59	Mk 138 Mod O	MBA98M001-006 MBAOOK001-025 MBA01G001-027 MBA01G001-031 MBA01K001-029 MBA01K001-033 MBA01K001-034 MBA01K001-035 MBA01K001-036 MBAOIKOOI - 038 MBA02J001-039 MBA03C001-040 MBA03F001-042 MBA03F001-043	1 2 10 2 4 3 5 6 2 1	1 2 10 2 4 3 5 6 2 1 4	2 10 1 2 4 3 5 6 2 1	December 2005 October 2007 July 2008 July 2008 October 2008 October 2008 October 2008 October 2008 October 2008 September 2009 March 2010 June 2010 June 2010	F-16A, F-16B F-16A, F-16B F-16A, F-16B
		MBA98M001-006 MBAOOK001-022 MBA01G001-028 MBA01K001-029 MBA01K001-032 MBA01K001-033 MBA01K001-034 MBA01K001-035 MBA01K001-037 MBA01K001-038 MBA02J001-039 MBA03C001-040 MBA03C001-041 MBA03F001-042 MBA03F001-043	1 2 10 2 4 2 4 5 3 5 1 1 1 1 4	1 2 10 2 4 5 3 5 3 1 1 1 1 4	4 43 .1 2 10 2 2 4 5 3 5 1 1 1 4 43	December 2005 October 2007 July 2008 October 2008 October 2008 October 2008 October 2008 October 2008 October 2008 October 2008 September 2009 March 2010 March 2010 June 2010 June 2010	T-6A T-6A

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

[As of 31 January 2006]

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. QA/SO witnessed the incident and deemed the M932 NON-RFL 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. Thien 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 (1) 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 (I) 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 Cata ult causin a momenta electrical arc. Indian Head has r uested this unit be returned for Ins ection.
Mk 79 Mod O (MF21) - Seatback Rocket Motor	
65923-04-0249	on During the exhaust the aircraft nozzle 448 port seat missing. maintenance Indian inspection. Head has requested Maintenance this unit personnel be returned discover as a possible the hermetic Quality Evaluationseal used sample.

Table

Item	Description
Mk 86 Mod 0/1 ("4938) - 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 (14939) - 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 ofthe 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.
Mk 109 Mod 0/1 (MF56/SS67) - Canopy Jettison Rocket Motor (CJRM)	

Table V—Continued

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 NAVAIR 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.

V—Continued

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. Vthile 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 vhile 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: 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.

Table

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 UPC01E005-OOI. Repair or replace noted unit and return to: Boeing Company, McDonnell Aircraft and Missile systems, 8900 Frost Avenue Berkley, MO 63134, Bldg 245, I-VL 1 , GFAE/GOM. Indian Head has requested this unit be returned as a possible Quality Evaluation sample.
Mk 124 Mod O (MT31) — Underseat Rocket Motor	
RCN: 09478-03-0034	While performing disarm procedures IAW ref (b), maintenance personnel noticed the tube of the igniter cartridge on the MK-124 MOD 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.

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.