



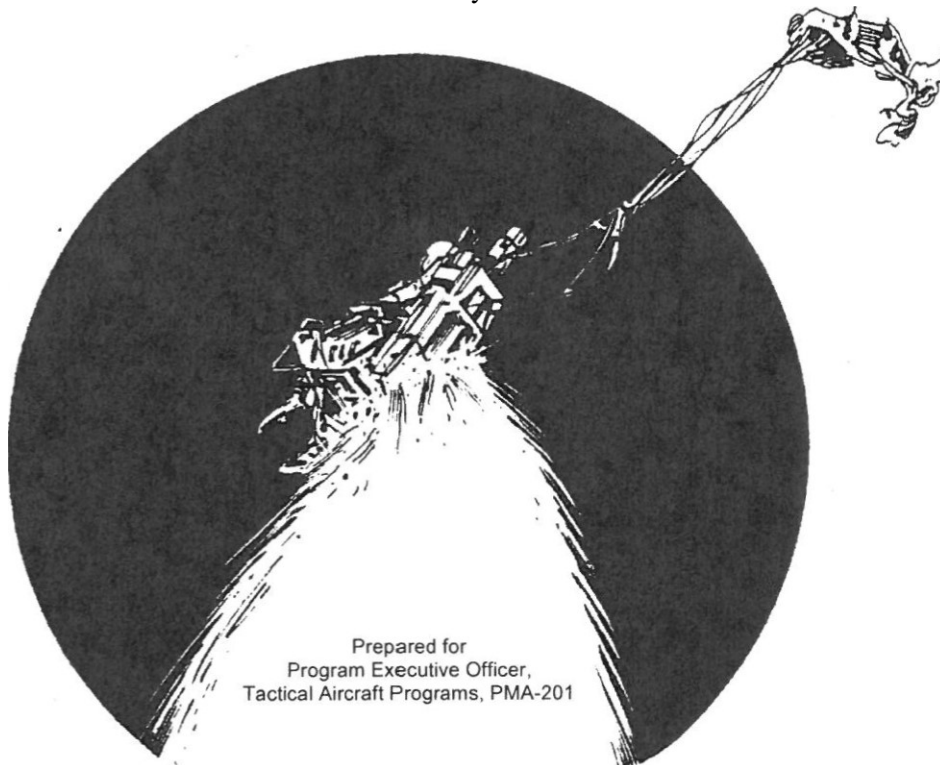
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Indian Head Division
Naval Surface Warfare Center
Indian Head, MD 20640-5035

II-ISP 01-459
31 January 2001

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

M.P. Audiey



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



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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.

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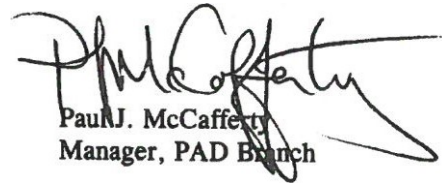
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FOREWORD

The Indian Head Division, Naval Surface Warfare Center, Indian Head, MD, is the cognizant field activity (CFA) 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) PMA-201. The logistics management report is prepared by Mike Audley (Code 51 1 OH) 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 511 OH), DSN 354-2105 or commercial line (301) 744-2105.



Paul J. McCafferty
Manager, PAD Branch

Approved and released by:



C.A. Pfleegor

Director, PAD Engineering Division

01 -xxx

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CONTENTS

Heading	Page
Foreword.....	1
111	
Integrated Logistics System Notes	1
PAD Inventory 2
Propellant Actuated Devices 3
TA-4J Aircraft.....	7
AV/TAV-8B Aircraft.....	7
EA-6B Aircraft.....	11
F-5E/F-T-38A Aircraft.....	14. 5
F-14A/B and NF-14A Aircraft.....	
1 5	
FA-18A/B/C/D Aircraft.....	
FA-18C/D/E/F Aircraft.....	
OV-IOA Aircraft.....	
Aircraft.....	
raft.....	
F-14D and NF-14D Aircraft.....	17
	20
	. 25
	30
QF-4N/S Series	. 31
S-3B Aircraft.....	. 32
T-2C Series Aircraft.....	. 38
T-45A/C Aircraft.....	
39	
PAD Summary	
. 42	

IHSP

Tables

1. Service Life Listing..... 42

II. Propellant-Actuated Devices Summary..... 44

111.	Total	Installed	Assets
.....	46	IV. Total Reported	

Installed By Lot Number 49

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vi

INTEGRATED LOGISTICS SYSTEM NOTES

NAVAIR 11-100-1.1-CD Electronic Technical Manual

Basic Issued Dtd 1 March 1999, Revision 1 Dtd 1 June 1999, RAC 1 Dtd 9 June 1999, IRAC 2 Dtd 24 November 1999, IRAC 3 Dtd 30 November 1999, IRAC 4 Dtd 1 December 1999, IRAC 5 Dtd 7 December 1999, RAC 6 Dtd 10 December 1999, IRAC 8 Dtd 9 February 2000, IRAC 9 Dtd 10 February 2000, IRAC 10 Dtd 23 June 00, IRAC 12 Dtd 6 October 00.

Production Lot Designation Change

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

IHM01A002-001

a b c d e

a Manufacturer's identification symbol b Two-digit numeric code identifying the year of production of the oldest propellant batch used in the propellant actuated device (PAD) lot c Single alpha code signifying the month of production of the oldest propellant batch used in the PAD lot d Lot interfix number (controlled by 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 12133% 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 8600.2. 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 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 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, as well in Table IV:

Red = Lot expired in the last 6 months or will expire this calendar year.

Blue = Lot is on a world-wide service life extension.

Green Designates a new mod change and affected lots from that change

Propellant-Actuated Devices
[As of December 2000]

PAD device	NSN	DODIC	Series aircraft	No. per aircraft	Service life (mo/yr)
Rocket Catapults					
Mk 12 Mod	1 ¹ 1377-00-276-	2364MC77	OV-IOA296/8		
Mk 16 Mod 1 ²	1377-01-040-9324MD72 TA-	4J2156/13 S-3B4156/13			
Mk 18 CKU-7A ^l	Mod 0 ¹ 1377-00- 2 ¹ 1377-00-125-	250-0206M941 7777MS15	TQC296/8 F-5E120/10		
				2120/10	
T-38A2120/10					
Man/Seat Separators					
Mk 82 Mod 4J192/16	0 ² 1377-00-119-		2022M928TA-		
		S-	3B2192/16		
Mk 90 Mod 3B2192/16 Mk 90 Mod 1 ¹	0 ² 1377-00-201- 1377-01-412-6462MU75S-3B284/7		9554MC51S-		
Yaw Thrusters					
Mk 83 Mod 2045M932 S-3B	0 ²³ 1377-00-119- 284/7	2031M929 S-3B	284/7 Mk 85 Mod 0 ²³ 1377-00-		119-
Vernier					
Mk 84 Mod 2 ²⁴	1377-01-199-8315	MF57	1 s-3B	4	156/13
Seatback Rocket					
Mk 79 Mod 1 ¹⁴	1377-01-069-1787	MF21	AV-8B TAV-8B	2 4	132/11 132/11
		WORD/Drogue Assembly			

Mk 113 Mod 0 ²⁴ 1377-01-149-	3516MG67 AV-8B	96/8
	TAV-8B	2 96/8

Catapult Cartridge

Mk 205 Mod	1/2 ⁴ 1377-01-138-3829AV-	8B96/8	
		TAV-8B296/8	

Underseat Rocket Motor

Mk 74 Mod 14A/B240/20 Mk 14A/B240/20 Mk 14A/B240/20 Mk 14A/B1240/20	0 ⁵ 1377-00-181-74 Mod 1 ¹ 1377-75 Mod 0 ⁵ 1377-00-75 Mod 1 ¹ 1377-00-201-Mod 1 ¹ 1377-01-246-Mod 0 ⁵ 1377-00-201-Mod 1 ¹ 1377-01-246-Mod 0 ⁵ 1377-00-201-Mod 1 ¹ 1377-01-246-	01-246-181-01-246-246-201-246-201-246-	9532M572F_14A/B, 5282M572F_ 9533M573F-14A/B, 5283M573F_ 9543M938EA- 5286M938EA- 9545M939EA- 5287M939EA- 9533M940EA- 5288M940EA-	NF-14A/B, NF-14A/B,	N F - NF-
Mk 86 Mod 1377-6B2240/20 Mk 86 6B2240/20 Mk 87 6B240/20 Mk 87 6B1240/20 Mk 88 6B240/20 Mk 88 6B1240/20	00-201-Mod 1 ¹ 1377-01-246-Mod 0 ⁵ 1377-00-201-Mod 1 ¹ 1377-01-246-Mod 0 ⁵ 1377-00-201-Mod 1 ¹ 1377-01-246-	246-201-246-201-246-	9543M938EA- 5286M938EA- 9545M939EA- 5287M939EA- 9533M940EA- 5288M940EA-		
Mk 92 Mod 1 ¹ 1377-01-036-8514M933QF-4N, QF-4S2168/14 Mk 100 Mod 0 ⁵ 1377-01-039-2927MD68FA-18A/C/B/D1204/17					

See footnotes at end of table.

Propellant-Actuated Devices—Continued

PAD device	NSN	DODIC	Series aircraft	No. per aircraft	Service life (molyr)
Mk 101 Mod	1377-01-039-2928	MD69	FA-18B/D/E		204/17
Mk 123 Mod 0 ^{2E}	1377-01-246-5280	MT30	F_14 D FA-18D/F		156/13 156/13
Mk 124 Mod	1377-01-246-5281	MT31	T-45A]C F_14D FA-18C/D/E/F T-45A]C	1	156/13 156/13 156/13

Canopy Remover Rocket Motor

Mk 109 Mod 0 ²⁴ 1377-01-101-132/11 Mk 109 Mod 1 1377-01-454-132/11	9321	1443MF56FA-SS67 FA-	18A/C/B/D/E/F2 18A/C/B/D/E/F 2
-------------------------------------------------------------------------------	------	---------------------	--------------------------------

Rocket Motor Divergence

Mk 121 Mod 0 ^{2,3} 1377-01-242-8859 MT28	I TAV-8B	4	84/7
-------------------------------------------------------	----------	---	------

Parachute Deployment Rocket Motor

Mk 122 Mod	1377-01-246-5279	MT29	F_14 D FA-18C/D/E/F T-45AIC	2 2 2	84/7 84/7 84/7
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¹ NAVSURFWARCENDIV, Indian Head (IH).

²

Universal Propulsion Company (UPC).

³

Pacific Scientific.

⁴

Talley Defense Systems (TAC).

⁵

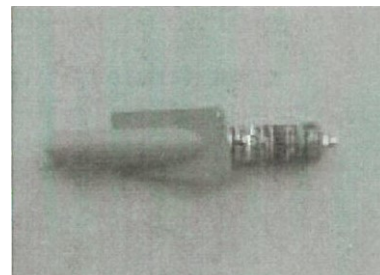
Martin-Baker Aircraft Co., Ltd. (MBA).

TA-4J AIRCRAFT

Douglas ESCAPAC IG-3 Ejection Seats

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

- a. NSN: Mod 0 1377-00-119-2022/M0d 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 TA-4J aircraft.



Lot No.	Lot quantity	T-4J	Total units installed	Service life expiration date
UPC85K001-016	179	2	2	October 2001
UPC86K001-017	279	12	12	October 2002
UPC93B001-021	391	0	0	February 2009
UPC94C001-022	25	0	0	March 2010
UPC99FOO I -003A ²	10			June 2006
UPCOE001-0042	90	0	0	May 2007
Total installed:		14		
Grand total installed:			14	

ILS Notes:

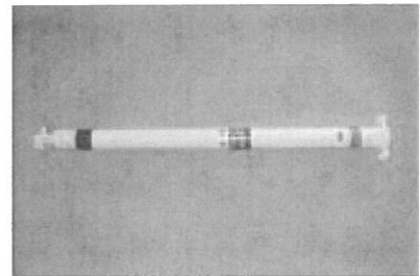
1. Quantity per lot reported installed in CAD/PAD Traceability System (CATS).
2. Lot number UPC99F001-003A is the first lot of Mk 82 Mod I Man/Seat Separator Rocket Motors. This new unit can be used in all applications in which the Mod 0 unit is currently being used. The Mod 1 is a one-for-one exchange with the Mk 82 Mod 0 (M928) unit. Mod 0 units will still be issued until stock is exhausted.
3. The following lots have expired since the last publication of this report:
 - UPC84LOO1-014 November 2000
 - UPC84LOO1-015 November 2000
4. The next lots scheduled to expire do not expire until October 2001.
5. We have not received any Mk 82 Mod 0 (M928) conventional ordnance deficiencies or EIs on the TA-4 aircraft since last publication of this report.

Lot No.	Lot quantity	TA-4J	units installed	expiration date
UPC89G003-021	20	2	2	July 2002

UPC89G003-022	268	1	1	July 2002
UPC89K003-023	234	0	0	October 2002
UPC89M004-025	161	2	2	December 2002
UPC90B004-026	279	3	3	February 2003
UPC90C004-027	279	4	4	March 2003
UPC90H004-028	69	0	0	August 2003
UPC93B004-031	14	2	2	February 2006
UPC97B001-032	7	0	0	February 2010
UPC99J001-034	173	0	0	September 2012
UPC99L001-035	183	0	0	November 2012
Total installed:		19		
Grand total installed:			19	

2. 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. Two per TA-4 series 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 lots scheduled to expire do not expire until July 2002.
4. We have not received any Mk 16 Mod I (MD72) conventional ordnance deficiencies or Els on the TA-4 aircraft since last publication of this report.

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

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





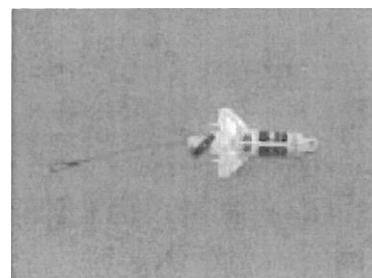
Lot No.	Lot quantity	AV-8B	NAV-8B	TAV-8B	Total units installed	Service life expiration date
TAC90LOOI-052	102	59		8	67	November 2001
TAC92H001-055	88	0		0	0	August 2003
TAC93L001-056	18	2	0	0	2	November 2004
TAC97D001-001	135	59		22	81	April 2008
TAC97J002-001	171	54	0	14	68	September 2008
IH-95E001-001	49	16	0		16	May 2006
IH-98A003-002	110	8	0	8	16	January 2009
IH-99M002-003	50				0	December 2010
TAC99H002-002	261	14	0	4	18	August 2010
Total installed:		212	0	56		
Grand total installed:					268	

ILS Notes:

1. Quantity per lot reported installed in CAD/PAD Traceability System (CATS).
2. The following lot has expired since the last publication of this report:
TAC89JOOI -049 September 2000
3. The next lot scheduled to expire does not expire until November 2001.
4. We received a CODR from NAVAVNDEPOT Cherry Point concerning a Mk 79 Mod 1 Seatback Rocket Motor (SBR). The anchor nut broke away from the upper mounting bracket. Indian Head requested this motor be returned for repair.

2 WORD Rocket Motor/Drogue Release Assembly Mk 113 Mod 0

- 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.



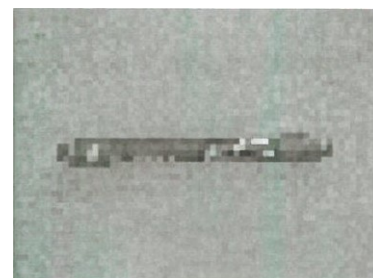
Lot No.	Lot quantity				Total	Service life
		AV-8B	NAV-8B	TAV-8B	units installed	expiration date
TAC93H002-021	7	6	0	0	6	August 2001
TAC98M003-001	64	5	0	0	5	December 2006
UPC99DOO1-0012	237	79	0	12	91	April 2007
UPCOOG001-0022	32	0	0	0	0	July 2008
Total installed:		90		12		
Grand total installed:					102	

ILS Notes:

1. Quantity per lot reported installed in CAD/PAD Traceability System (CATS).
2. NSWC IHDIIV has qualified and released a Mk 1 13 Mod I (MG67) WORD Rocket Motor/Drogue Release Assembly. This new unit can be used in all applications in which the Mod 0 unit is currently being used. The Mod I is a one-for-one exchange with the Mk 1 13 Mod 0 (MG67) unit. Mod 0 units will still be issued until stock is exhausted.
3. The following lots have expired since the last publication of this report:
 - TAC91A002-017 July 2000
 - TAC91 L002-018 June 2000
 - TAC92E002-019 May 2000
 - TAC92J002-020 September 2000
4. The next lot scheduled to expire does not expire until August 2001.
5. We have not received any Mk 1 1 3 Mod 0 (MG67) conventional ordnance deficiencies or Els on the AV-8 aircraft since last publication of this report.

3. Catapult Cartridge Mk 205 Mod 1/2

- a. NSN: 1377-01-138-3829
- b. DODIC: XW36
- c. Service life: 96 months (8 years)
- d. Rocket motor WUC: 971)34
- e. One per AV-8B aircraft, two per TAV-8B aircraft.



ILS

Notes:

Lot No.	Lot quantity
TAC93H001-025	25

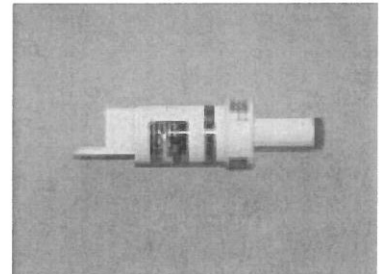
TAC95G001-002	112
TAC95J001-003	69
TAC96A001-004	36
TAC98M002-0012	77
TAC98M002-0022	50
TACOOB002-003A2	60

Total installed:
 Grand total installed:
 Total Service life

1. Quantity per lot reported installed in CAD/PAD Traceability System (CATS).
2. NSWC IHDIIV has qualified and released a Mk 205 Mod 2 (X W 36) Catapult Cartridge. This new unit can be used in all applications in which the Mod I unit is currently being used. The Mod 2 is a one-for-one exchange with the Mk 205 Mod I (X W 36) unit. Mod I units will still be issued until stock is exhausted.
3. No lots have expired since the last publication of this report.
4. The next lot scheduled to expire does not expire until August 2001.

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.



5. We have not received any Mk 205 Mod 1 (XW36) conventional ordnance deficiencies or Els on the AV-8 aircraft since the last publication of this report.

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

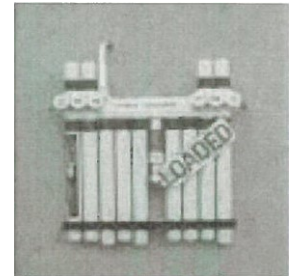
Lot No.	Lot quantity	TAV-8B	Total units installed	Service life expiration date
UPC94E001 -018	46	35	35	May 2001
UPC95H001-019	33	29	29	August 2002
ESDOOA001-0015	86	0	0	January 2007
Total installed:		64		
Grand total installed:			64	

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 does not expire until May 2001.
4. We have not received any Mk 121 Mod 0 (MT28) conventional ordnance deficiencies or Els on the TAV-8 aircraft since last publication of this report.
5. We have qualified Pacific Scientific as a manufacturer.

**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).

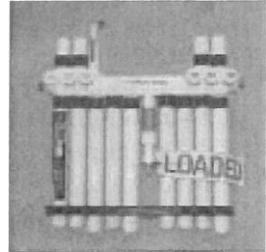


Total ILS	Lot No.	Lot quantity	EA-6B	units installed	Service life expiration date
	MBAS IA00I -006		4	4	January 2001
	MBA82B001-007	12	5	5	February 2002
	MBA82B001-008	46	18	18	February 2002
	MBA83A001-011	13	12	12	January 2003
	MBA84B001-013	12	6	6	February 2004
	MBA85E001-015	16	11	11	May 2005
	MBA85E001-017	24	20	20	May 2005
	MBA85H001-018	31	28	28	August 2005
	MBA86J001-021	24	23	23	September 2006
	UPC86J001-001 (A) or (B)	37	17	17	September 2006
	MBA86J001H020	25	25	25	September 2006
	MBA88E001-027	22	15	15	June 2008
	MBA89F001-030	24	21	21	June 2009
	IH-94L002-003A	76	30	30	November 2014
	Total installed:		235		
	Grand total installed:			235	

Notes:

aircraft since the

1. Quantity per lot reported installed in CAD/PAD Traceability System (CATS).
2. The following lot has expired since the last publication of this report:
MBA80H001-005 August 2000
3. The following lot will expire within the next six months: MBAC81A001-006 January 2001
4. We have not received any Mk 86 Mod 0/1 (M938) conventional ordnance deficiencies or Els on the EA-6B
2. Underseat Rocket Motor Mk 87 Mod 0 and Mod 1
 - a. NSN: 1377-00-201-9545 (Mod 0), 1377-01-246-5287 (Mod 1)
 - b. DODIC: M939 (Mod 0), M939 (Mod 1)
 - c. Service life: Mod 0: 240 months (20 years); Mod 1: 240 months (20 years)
 - d. Rocket motor WUC: 97D3N Mod 0 and Mod 1
 - e. One per aircraft (ECMO-I).



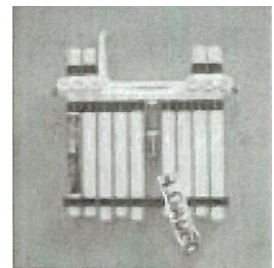
Lot No.	Lot quantity	EA-6B	Total units installed	Service life expiration date
MBA81 I-006	6	3	3	January 2001
MBA82B001-007	6	2	2	February 2002
MBA82B001-008	27	16	16	February 2002
MBA83A001-011	6	4	4	January 2003
MBA84B001-013	6	3	3	February 2004
MBA85E001-015	8	5	5	May 2005
MBA85E001-017	12	9	9	May 2005
MBA85H001-018	25	19	19	August 2005
MBA86J001 H020	21	15	15	September 2006
MBA86J001-021	12	11	11	September 2006
UPC86J001-001 (A) or (B)	25	6	6	September 2006
MBA88B001H023	4	4	4	February 2008
MBA88E001-025	11	0	0	May 2008
MBA88E001-028	10	7	7	May 2008
MBA88H001H029	1	1	1	August 2008
MBA88EOOI -030	12	10	10	May 2008
MBA89F001-031	11	0		June 2009

ce the last publication of this report.

IH-94L002-003A	26	1	1	November
Total installed:		116		2014
Grand total installed:			116	

ILS Notes:

1. Quantity per lot reported installed in CAD/PAD Traceability System (CATS).
 2. The following lot has expired since the last publication of this report:
MBA80HOOI -005 August 2000
 3. The following lot will expire within the next six months: MBACSIABOOI -006 January 2001
 4. We have not received any Mk 87 Mod 0/1 (M939) conventional ordnance deficiencies or Els on the EA-6B last publication of this report.
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 0 and Mod 1
 - e. One per aircraft (ECMO-2).



Service life

Lot No.	Lot quantity	EA-6B	units installed	expiration date
MBA80HOO I -005	26	7	7	August 2001
MBAS I -006	7	3	3	January 2002
MBA82B001-007	6	3	3	February 2002
MBA82B001-008	27	12	12	February 2002
MBA83A001-011	7	6	6	January 2003
MBA84B001-013	6	3	3	February 2004
MBA85E001-015	8	5	5	May 2005
MBA85E001-017	12	9	9	May 2005
MBA85H001-018	31	15	15	August 2005
MBA86J001-021	13	12	12	September 2006
MBA88E001-025	11	9	9	May 2008
MBA88E001-027	12	0	0	May 2008
MBA89F001-030	13	13	13	May 2009

ce the

IH-94L002-003A	33	25	25	November 2014
Total installed:		122		
Grand total installed:			122	
			Total	

ILS Notes:

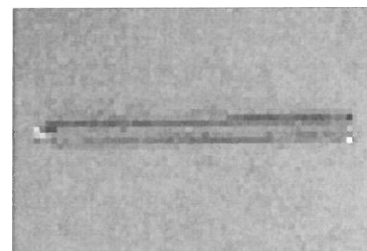
1. Quantity per lot reported installed in CAD/PAD Traceability System (CATS).
2. No lots have expired since the last publication of this report.
3. The next lot scheduled to expire does not expire until August 2001 .
4. Indian Head has extended the following lots' service lives from 240 months (20 years) to 252 months (21 years):
 - MBA80HOOI-005 August 2001
 - MBA81 AOO -006 January 2002
5. We have not received any Mk 88 Mod 0/1 (M940) conventional ordnance deficiencies or Els on the EA6B

aft since the last publication of this report.

F5E/F-T-38A AIRCRAFT
Northrop Improved Ejection Seat
Assembly Number 14-70202-505

1. Rocket Catapult CKU-7A

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



Lot No.	Lot quantity	F-5E	F-5F	T-38A	Total units installed	Service life expiration date
IH-91BOO -042	13	4	2	4	10	February 2001
IH-911-OOI -043	28	6		7	16	November 2001
IH-95E001-046	8	4	3	0	7	May 2005
IH-96H001-048	5	1	0	2	3	August 2006
IH-98F001-049	21	16	0	5	21	August 2006
IHM000001-051			0	0	0	March 2010
Total installed:		31	8	18		
Grand total installed:					57	

ILS Notes:

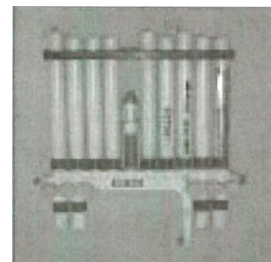
1. Quantity per lot reported installed in CAD/PAD Traceability System (CATS).
2. The following lots have expired since the last publication of this report:
 - IH-90GOO -038 July 2000
 - IH90GOO 1-039 July 2000
3. The following lot will expire within the next 6 months: IH-91 BOO I -042 February 2001
4. We have not received any CKU-7A (MS 15) conventional ordnance deficiencies or Els on the F-5 or T-38 aircraft since last publication of this report.

F-14A/B AND NF-14A 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).

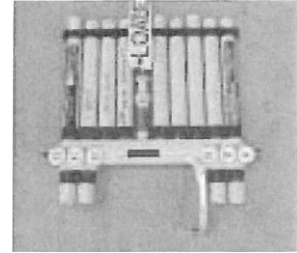


Lot No.	Lot quantity	Lot			Total units installed	Service life expiration date
		F-14A	F-14B	NF-14A		
MBAS I -006	24	1	2	0	3	January 2001
MBA82B001-007	30	7	4	1	12	February 2002
MBA82B001-008	60	4	4	0	8	February 2002
MBA83A001-011	30	5	6	0	11	January 2003
MBA84B001-013	24	8	4	0	12	February 2004
MBA85E001-015	18	4	5	0	9	May 2005
MBA85E001-017	18	0	14	0	14	May 2005
MBA85H001-018	126	27	11	1	39	August 2005
UPC86J001-001A (or) B	25	1	5	0	6	September 2006
MBA88B001-024	15	0	11	0	11	February 2008
MBA88H001-026	6	2	3	0	5	August 2008
IH-94L002-003A	23	7	3	0	10	November 2014
Total installed:		66	72	2		
Grand total installed:					140	

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 following lot will expire within the next 6 months: **MBA81A001-006** January 2001
4. We have not received any Mk 74 Mod 0/1 (M572) conventional ordnance deficiencies or Els on the last publication of this report.

- F-14A/B aircraft since
2. Underseat Rocket Motor Mk 75 Mod 0 and Mod I



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

Lot No.	Lot quantity	Total units installed			Service life expiration date
		F-14A	F-14B	NF-14 A	
MBA81A00-006		0	4	0	January 2001
MBA82B001-007	30	8	2	1	February 2002
MBA82B001-008	70	9	6	0	February 2002
MBA83A001-011	32	5	8	0	January 2003
MBA84B001-013	24	5	3	0	February 2004
MBA85E001-015	18	2	7	0	May 2005
MBA85E001-017	18	0	16	0	May 2005
MBA85H001-018	134	28	11	1	August 2005
UPC86J001 -OOIA (or) B	25	5	0	0	September 2006
MBA88B001-024	13	0	9	1	February 2008
MBA88H001-026	5	0	4	0	August 2008
IH-94L002-003A	22	2	2	0	November 2014
Total installed:		64	72	3	
Grand total installed:					139

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 following lot will expire within the next 6 months:
MBA81A001-006 January 2001
4. We received one CODR/QDR in the last 6 months. Depot maintenance personnel discovered corrosion on the rocket motor nozzles and tube ends of motors from both ejection seats during their SDLM aircraft acceptance process.

F-14D AND NF-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: 84 months (7 years)
- d. Rocket motor WUC: 97D4A
- e. Two each per aircraft (pilot and MCO).



Lot No.	Lot quantity	Total		Service life expiration date
		F-14D	NF-14D	
MBA93F002-009	142	6	0	June 2002
UPC94C003-004	229	28	2	March 2003
MBA95F003-010	200	9	4	June 2002
MBA96C003-013	49	6	0	March 2003
UPC97H003-005	192	20	0	August 2004
MBA98J004-014	300	22	2	September 2005
MBA99J004-016	206	0	0	September 2006
Total installed:		91	8	
Grand total installed:				99

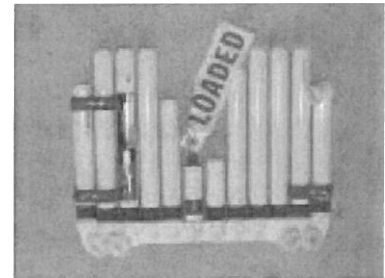
ILS Notes

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 does not expire until June 2002.
4. Indian Head has extended the service life 24 months from 84 months (7 years) to 108 months (9 years) for the following lots:

MBA93F002-009	June 2002
UPC94C003-004	March 2003

last publication of this report.

5. We have not received any Mk 122 Mod 0 (MT29) conventional ordnance deficiencies or Els on the F-141) aircraft since
2. Underseat Rocket Motor Mk 123 Mod 0 (front)
- a. NSN: 1377-01-246-5280
 - b. DODIC: MT30
 - c. Service life: 156 months (13 years)
 - d. Rocket motor WUC: 97D4B
 - e. One per aircraft (pilot).



Lot No.	Lot quantity	Lot		Total units installed	Service life expiration date
		F-14D	NF-14D		
MBA89F001-003	31	1	0	1	June 2002
MBA89F001-005	16	1	0	1	June 2002
MBA90H001-006	35	13		13	August 2002
MBA90H001-007	6		0	0	August 2002
MBA90K001-008	50	8	0	8	October 2002
UPC90L001H001B	17	2		3	November 2003
MBA91J001-009	14	7		7	September 2004
UPC91K001H002A	14		1	1	October 2004
MBA92CO01-010	10		0	0	March 2005
UPC93E002H005	27			0	May 2006
MBA93F002-011	52	7	1	8	June 2006
UPC94B003H006	80	4		4	February 2007
MBA95C003-012	236	2	0	2	March 2008
MBA96C003-013	71		1	1	March 2009
MBA97G003-014	33	1		1	July 2010
MBA98J003-017	33			0	September 2011
MBA99H003-019	53		0	0	August 2012

Total installed:	46	4	
Grand total installed:			50

ILS Notes:

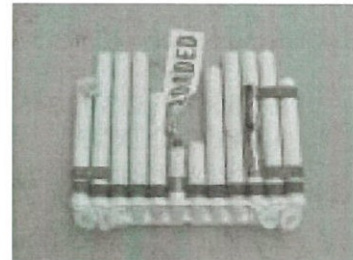
1. Quantity per lot reported installed in CAD/PAD Traceability System (CATS).
2. No lots have expired since the last publication of this report.
3. The next lot scheduled to expire does not expire until June 2002.
4. We have received a CODR concerning a Mk 123 Mod 0 (MT30) Underseat Rocket Motor (USRM). A fleet activity reported that while they were removing the forward seat bucket to facilitate other maintenance, the seat bucket hit the outside of a FA-18 aircraft. This caused damage to the forward lateral thrust motor nozzle on the USRM.
5. Indian Head has re-issued ACB 909 as ACB 909 Amendment 2. We changed the target completion date because NACES seat inspection occurs every 728 days (24 months). The technical bulletin instruction (NAVAIR 00-25-300) allows technical bulletins to be issued for only 18 months at a time.

last publication of this report.

Lot No.	Lot quantity	F-
MBA89F001-004	57	
MBA89F001-005	7	
MBA90H001-006	68	
MBA90H001-007	36	
MBA90K001-008	91	
UPC90L001H001B	36	
MBA91J001-009	34	
UPC91K001H002A	29	
UPC91K001H003	6	
MBA92C001-010	27	
UPC93D002H004	62	
MBA93F002-011	104	
UPC94C003H005	142	
MBA95C003-012	165	
MBA96C003-013	71	
MBA97G003-014	70	
MBA98J003-017	66	
MBA99H003-019	84	
Total installed:		
Grand total installed:		

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

- a. NSN: 1377-01-246-5281
- b. DODIC: MT31
- c. Service life: 156 months (13 years)
- d. Rocket motor WUC: 97D48
- e. One per F-14D and NF-14D aircraft (NFO).



Total

Service life

ILS

Notes:

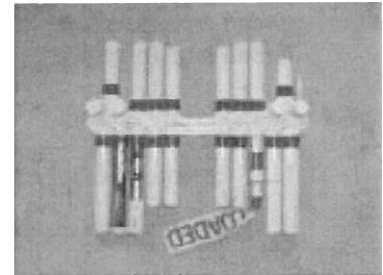
1. Quantity per lot reported installed in CAD/PAD Traceability System (CATS).
2. No lots have expired since the last publication of this report.
3. The next lot scheduled to expire does not expire until June 2002.
4. We have not received any Mk 124 Mod 0 (MT31) conventional ordnance deficiencies or Els on the F-14 aircraft since the last publication of this report.
5. Indian Head has re-issued ACB 909 as ACB 909 Amendment 2. We changed the target completion date because NACES seat inspection occurs every 728 days (24 months). The technical bulletin instruction (NAVAIR 00-25-300) allows technical bulletins to be issued for only 18 months at a time.

FA-18/AIBICID 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 0

- a. NSN: 1377-01-039-2927
- b. DODIC: MD68
- c. Service life: 204 months (17 years)
- d. Rocket motor WU^TC: 97D38
- e. One per F/A-18 A/C and one per F/A-18 B/D (rear seat only).



Lot No.	FA-18A	FA-18B	FA-18C	FA-18D	units	Total expiration	Service life quantity installed	Lot date
MBA84BOOI-2					0 006	2	2	00
	February 2001				0			
MBA84EOO I - May 2001					0 008	5	3	20 5
					0			
MBA85H001-009	66	18	21	21	August 2002	MBA85H001-010	24	120
			12		August 2002			
MBA85K001-OI 1	27	14		3	3	0	20	October 2002
MBA86G001-012	57	32				0	32	July 2003
MBA86G001-013	47	6	5	4	0	15	July 2003	
MBA86G001-015	30	3		7	0	10	July 2003	
MBA86J001-016	56	8	3	2	1	14	September 2003	
MBA86M001-017	29	0	0	11	4	15	December 2003	
MBA86JOO 1-018	18			3	3	6	September 2003	
MBA86J001-020	7	0	0	2	1	3	September 2003	
MBA87K001-024	21	0	0	7	3	10	October 2004	
MBA87K001-025	15			5	2	7	October 2004	
MBA88B001-026	23	1	0	17	5	23	February 2005	
MBA88GOOI-027	5	0		1		1	July 2005	
MBA88B001-028	11			3	0	3	February 2005	
MBA88G001-029	55	1	0	38	5	44	July 2005	

MBA88G001-031	16			3		3	July 2005
MBA89A001-033	128	40	7	6	1	54	January 2006
MBA89B001-032	66	3	0	36	22	61	February 2006
MBA89F001-034	8			4	2	6	June 2006
MBA91B001-038	66	31	6	3	1	41	February 2008

ILS Notes:

Lot No.	Lot quantity	FA
MBA93C002-040	182	15
MBA94C003-041		1
MBA96L003-047	47	c
MBA99M003-050	7	c
Total installed:		190
Grand total installed:		
Grand total installed:		
Total		Service life

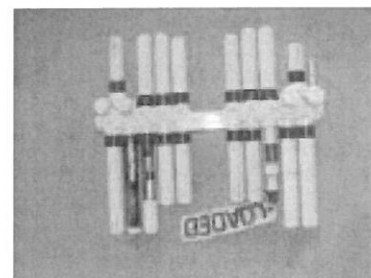
- Quantity per lot reported installed in CAD/PAD Traceability System (CATS).
- No lots have expired since the last publication of this report.
- The following lots will expire within the next 6 months:
 MBA84B001-006 February 2001 MBA84E001-008 May 2001
- We received a CODR from a fleet activity that reported that while removing an ejection seat to facilitate other maintenance, the maintenance crew noticed a dent in the forward tube of the rocket motor. Indian Head requested this motor be returned for possible placement in its quality evaluation program

Lot No.	Lot quantity	FA-18B	FA-18D	units installed	expiration date
MBA84BOOI-006	2	0		0	February 2001
MBA84EOOI-008	5			1	May 2001
MBA85H001-009	11		0	1	August 2002
MBA85K001-011	55	3	0	3	October 2002
MBA86G001-012	2	0	1	1	July 2003
MBA86G001-013	11	2	1	3	July 2003
MBA86J001-020	8		6	7	September 2003
MBA86M001-017	7	0	4	4	December 2003
MBA87K001-024	2		2	2	October 2004
MBA87K001-025	3	0	2	2	October 2004
MBA88B001-026	7		6	6	February 2005
MBA88G001-029	8	0	6	6	July 2005
MBA89A001-033	25	3	3	6	January 2006
MBA89B001-032	30	2	17	19	February 2006

MBA91B001-038	17	9	1	10	February 2008
MBA93C002-040	23	4	1	5	March 2010
MBA94C003-041	33	3	3	6	March 2011
MBA96L003-047	47		0		November 2014
Total installed:		29	53		
Grand total installed:				82	

2. Rocket Motor Mk 101 Mod 0

- a. NSN: 1377-01-039-2928
- b. DODIC: MD69
- c. Service life: 204 months (17 years)
- d. Rocket motor WUC: 97D3A
- e. One per F/A-18 (front seat only).



Total

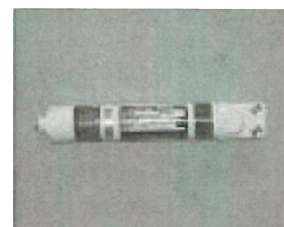
Service life

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 following lots will expire within the next 6 months:
MBA84BOOI-006 February 2001 MBA84EOOI-008 May 2001
4. We have not received any Mk 101 Mod 0 (MD68) conventional ordnance deficiencies or Els on the FA-18 aircraft since the last publication of this report.

3. Rocket Motor Mk 109 Mod 0 and Mod 1

- a. NSN: 1377-01-101-1443 (Mod 0), 1377-01-454-9321 (Mod 1)
- b. DODIC: MF56 (Mod 0), SS67 (Mod 1)
- c. Service life: 132 months (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	Lot				Total units installed	Service life expiration date
		FA-18A	FA-18B	FA-18C	FA-18D		
UPC89HOO 1-020	42	0		2		2	August 2001
UPC89HOO 1-021	202	54	6	2		62	August 2001
UPC89K001-022		2	2	20	5	29	October 2001
UPC90BOOI -023	48			6	3	9	February 2002
UPC90DOO I -024	37	0			0	1	April 2002
UPC90F001-025	39		0			1	June 2002
UPC90KOO 1-026	244	123	16	36	4	179	October 2002

UPC90J001-027	47	o		o		0	September 2002
UPC90MO01-028	47	0		0	0	0	December 2002
UPC91B001-029		0	o	o	0	0	February 2002
UPC91E001-030	90	o	o	0		o	May 2002
UPC91G001-031	43	1	0	o	0	1	July 2002
UPC91J001-032	49	o	o	0		o	September 2002
UPC92B001-033	46	o	o	0		0	February 2003
UPC92D001-034	48	o	o	0		0	April 2003
UPC92G001-035	45	o		0	0	0	July 2003
UPC92G001-036	343	95	4	103	31	253	July 2003
UPC92K001-038	49			o	o	0	October 2003
UPC93A001-039	35	o	o	o	0	o	January 2004
UPC93C001-041	48	o	o	o		o	March 2004
UPC93J001-042	25	0	0	o	0	o	September 2004

Lot No.	Lot quantity	FA-18A	FA-18B	FA-18C	FA-18D	Total units installed	Service life expiration date
TAC94A002-00	January 2005					0	001A 15
UPC 94D001-043				60	April 2005	0	
UC95D001-044	29	0	0	0	April 2006	0	UPC95G001-045 27
UPC95H001-046	25	0			0	0	August 2006
UPC95L001-047	20	0	0	0	0	0	November 2006
UPC96B001-048	48	10	2	26	8	46	February 2007
UPC96C001-049	6	0	0	0	0	0	March 2007
UPC96G001-050	195	31	2	45	28	106	July 2007
UPC96E001-051	13		0	0		0	May 2007
UPC97B001-053	4		0	0	0	0	February 2008
UPC97GOO 1-054	7		0	0	0	0	July 2008
UPC97G001-055	6	0		0	0	0	July 2008
UPC98B001-056	54	0	0		0	0	February 2009
UPC99B001-057	12		0	0		0	February 2010
IH-98DOOI -001 ²	57	0		4	6	10	April 2009
TAC99DOOI -002 ²	250	7	0	0	0	7	April 2010
TAC00A00I -003 ²	273	0	0	0		0	January 2011
Total installed:		323	52	246	85		
Grand total installed:						706	

ILS Notes:

- Quantity per lot reported installed in CAD/PAD Traceability System (CATS).
- NSWC IHDIV has qualified and released a Mk 109 Mod I (SS67) Canopy Jettison Rocket Motor (CJRM). This new unit can be used in all applications in which the Mod 0 unit is currently being 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.
- The following lot has expired since the last publication of this report:
UPC89FOOI-019 June 2000
- The next lot scheduled to expire does not expire until August 2001.

5. Indian Head has extended the following lots' service lives 12 months from 132 months (11 years) to 144 months (12 years) per NAVAIR 1 1-100-1 .1 -CD:

UPC89HOOI-020	August 2001	UPC90FOO I -025	June 2002
UPC89HOO 1-021	August 2001	UPC90KOOI -026	October 2002
UPC89KOO I -022	October 2001	UPC90JOO I -027	September 2002
UPC90BOO 1-023	February 2002	UPC90MOOI-028	December 2002
UPC90DOO I -024	April 2002		

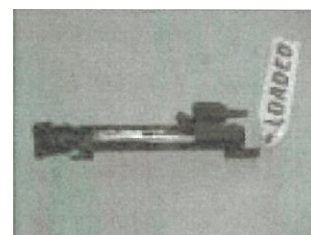
6. We have not received any Mk 109 Mod 0/1 (MF56/SS67) conventional ordnance deficiencies or Els on the FA-18 aircraft since the last publication of this report.

FA-18C/D/E/F AIRCRAFT

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

1. Parachute Deployment Rocket Motor Mk 122 Mod 0

- NSN: 1377-01-246-5279
- DODIC: MT29
- Service life: 84 months (7 years)
- Rocket motor WUC: 97D4A
- One per aircraft F/A-18C, E, two per aircraft F/A-18E, F (pilot and copilot).



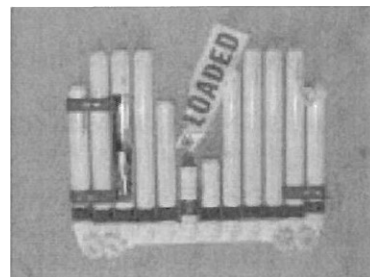
Lot No.	Lot quantity	Total				Service life expiration date	
		FA-18C	FA-18D	FA-18E	FA-18F		
MBA93F002-009	142	18	0	2	20	June 2002	
UPC94C003-004	229	41	35	0	2	78	March 2003
MBA95F003-010	200	64	57	0	0	121	June 2002
MBA96C003-013	49	7	11	1	4	23	March 2003
UPC97H003-005	192	40	35	9	11	95	August 2004
MBA98J004-014	300	60	44	6	12	122	September 2005
MBA99J004-016	206	6	1	1	2	10	September 2006
Total installed:		236	183	19	31		
Grand total installed:						469	

ILS Notes:

- Quantity per lot reported installed in CAD/PAD Traceability System (CATS).
- The following lot has expired since the last publication of this report:

UPC93D002-003 April 2000

3. The next lot scheduled to expire does not expire until June 2002.
 4. Indian Head has extended the service life 24 months from 84 months (7 years) to 108 months (9 years) for the following lots:
 - MBA93F002-009 June 2002
 - UPC94C003-004 March 2003
 5. We have not received any Mk 122 Mod 0 (MT29) conventional ordnance deficiencies or Els on the FA-18 aircraft since the last publication of this report.
2. Underseat Rocket Motor Mk 123 Mod 0
- a. NSN: 1377-01-246-5280
 - b. DODIC: MT30
 - c. Service life: 156 months (13 years)
 - d. Rocket motor WUC: 97D4B
 - e. One per F/A-181) and F aircraft (pilot).



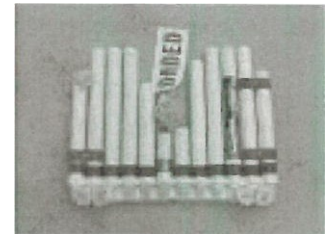
Lot No.	Lot quantity
MBA89F001-003	31
MBA89F001-005	16
MBA90HOO 1-006	35
MBA90H001-007	6
MBA90K001-008	50
UPC90LOO HOOIB	17
MBA91J001-009	14
UPC91 KOO 1 H002A	14
MBA92C001-010	10
UPC93E002H005	27
MBA93F002-011	52
UPC94B003H006	80
MBA95C003-012	236
MBA96C003-OI 3	71
MBA97G003-014	33
MBA98J003-017	33

	MBA99H003-019	53
	Total installed:	
	Grand total installed:	
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 does not expire until June 2002.
 4. We have received a CODR concerning a Mk 123 Mod 0 (MT30) Underseat Rocket Motor (USRM). A fleet activity reported that while they were removing the forward seat bucket to facilitate other maintenance, the seat bucket hit the outside of a FA-18 aircraft. This caused damage to the forward lateral thrust motor nozzle on the USRM.
3. Underseat Rocket Motor Mk 124 Mod 0
- a. NSN: 1377-01-246-5281
 - b. DODIC: MT31
 - c. Service life: 156 months (13 years)
 - d. Rocket motor WUC: 971)48
 - e. One per F/A-181), and F aircraft (copilot), one per F/A-18C, E aircraft (pilot).



ILS

Notes:

Lot No.	Lot quantity	FA-
MBA89F001-004	57	2
MBA89F001-005	7	
MBA90H001-006	68	17
MBA90H001-007	36	8
MBA90K001-008	91	18
UPC90L001H001B	36	2
MBA91J001-009	34	11
UPC91K001H002A	29	10



UPC91 KOO 1 H003	6	2
MBA92C001-010	27	8
UPC93D002H004	62	22
MBA93F002-011	104	60
UPC94C002H005	142	26
MBA95C003-012	165	49
MBA96C003-013	71	8
MBA97G003-014	70	5
MBA98J003-017	66	3
MBA99H003-019	84	

Total installed: 251
 Grand total installed:

Total Service life

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 does not expire until June 2002.
4. We have not received any Mk 124 Mod 0 (MT31) conventional ordnance deficiencies or Els on the FA-18 aircraft since the last publication of this report.
5. Rocket Motor Mk 109 Mod O, 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 (1 1 years)
 - d. Rocket motor WUC: 971)47
 - e. Two per F/A-18
 - f. For NACES FA-18 Aircraft



Lot No.	Lot quantity	Lot				Total units installed	Service life expiration date
		FA-18C	FA-18D	FA-18E	FA-18F		
UPC89HOO1-020	42	0	0	0	0	August 2001	
UPC89HOO1 -021	202	0	0	0	1	August 2001	

UPC89KOOI -022	96	2	0	0	0	2	October 2001
UPC90BOO I -023	48	1			0	o	16 February 2002
UPC90DOOI -024	37	18	3			o	21 April 2002
UPC90FOO I-025	39	16	8	o		o	24 June 2002
UPC90KOOI-026	244	2	6	0	0	0	8 October 2002
UPC90JOOI-027	47	27	5			0	32 September 2002
UPC90MOOI -028	47	25	6	0		o	31 December 2002
UPC91B001-029	46	2	6			o	30 February 2002
UPC91E001-030	90	o	0	o			o May 2002
UPC91G001-031	43	20	8	o	0	0	28 July 2002
UPC91J001-032	49	19	9	o	0	0	28 September 2002
UPC92B001-033	46	10	12	o	o	o	22 February 2003
UPC92DOO I-034	48	17	11	o	o	o	28 April 2003
UPC92GOO I -035	45	20	8			o	28 July 2003
UPC92G001-036	343	10	0	0	0	0	10 July 2003
UPC92KOOI-038	49	30	10	0	o	o	40 October 2003
UPC93A001-039	35	13	8			o	21 January 2004
UPC93C001-041	48	22	10	o	0	0	32 March 2004
UPC93J001-042	25	24	1	o	0	0	25 September 2004
TAC94A002-001A	15	o	1	0	0	0	1 January 2005
UPC94D001-043	60	33	20	2	0	0	55 April 2005
UPC95D001-044	29	26	o	2	0	0	28 April 2006
UPC95G001-			0	045	27		2627 July 2006
UPC95H001-			0	046		25	220 1 23
August 2006			0				
UPC95LOOI-			0	047		20	200 0 20
November 2006							
UPC96B001-048	48		0o			0	0 February 2007
UPC96C001-049	6	5	o				5 March 2007

Lot No.	Lot quantity	FA-18C	FA-18D	FA-18E	FA-18F	Total units installed	Service life expiration date
UPC96G001-050	195	8	0	2		11	July 2007
UPC96E001-051	16	17	0	0		17	May 2007
UPC97B001-053	18	11	5	2	0	18	February 2008
UPC97G001-054	14	7	9	0	0	16	July 2008
UPC97G001-055	6	6	0	0		6	July 2008
UPC98B001-056	54	2	18	18	16	54	February 2009
UPC99B001-9	212	February 2010			0	057	12
IH-98DOO1 -001 ²	57			22	April	0	2009
TAC99DOO1-019	April 2010					0	0022
TACOOA001-0032	273	0	0		00		January 2011
Total installed:		515	179	28	19		
Grand installed:						741	

ILS Notes:

- Quantity per lot reported installed in CAD/PAD Traceability System (CATS).
- NSWC IHDIV has qualified and released a Mk 109 Mod I (SS67) Canopy Jettison Rocket Motor. This new unit can be used in all applications in which the Mod 0 unit is currently being 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.
- The following lot has expired since the last publication of this report:
UPC89FOO 1-019 June 2000
- The next lot scheduled to expire does not expire until August 2001.
- Indian Head has extended the following lots' service lives 12 months from 132 months (11 years) to 144 months (12 years) per NAVAIR 11-100-1. I-CD:

UPC89HOO1-020	August 2001	UPC90FOO1 -025	June 2002
UPC89HOO1 -021	August 2001	UPC90KOO I -026	October 2002
UPC89KOO -022	October 2001	UPC90JOO1 -027	September 2002

UPC90BOO1 -023 February 2002 UPC90MOO1 -028 December 2002
 UPC90DOO1 -024 April 2002

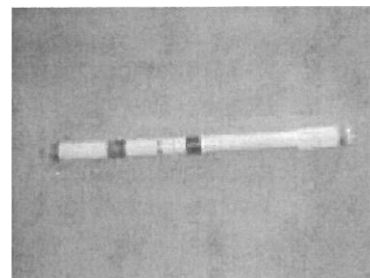
6. We have not received any Mk 109 Mod 0/1 (MF56/SS67) conventional ordnance deficiencies or Els on the FA-18 aircraft since the last publication of this report.

OV-IOA AIRCRAFT

North American LW-3B Ejection Seats

1. Rocket Catapult Mk 12 Mod 1

- a. NSN: 1377-00-276-2364
- b. DODIC: MC77
- c. Service life: 96 months (8 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 2004
IHOOC002-009	14	0		March 2008
Total installed:		6		
Grand total installed:			6	

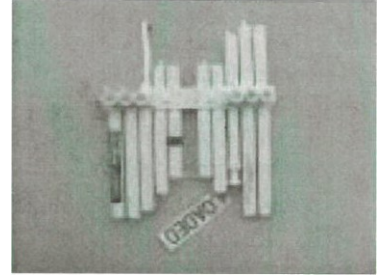
ILS Notes:

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 does not expire until October 2004.
4. We have not received any Mk 12 Mod 1 (MC77) conventional ordnance deficiencies or Els on the OV-10 aircraft since the last publication of this report.

QF-4N/S SERIES AIRCRAFT

Martin-Baker Mk H-7 Ejection Seats

1. Underseat Rocket Motor Mk 92 Mod 1
 - a. NSN: 1377-01-036-8514
 - b. DODIC: M933
 - c. Service life: 168 months (14 years)
 - d. Rocket motor WUC: 97D3R
 - e. Two per aircraft (pilot and RIO).



Lot No.	Lot quantity	Total		Service life expiration date
		QF-4N	QF-4S	
IH-88J001-005	306	7	29	September 2002
Total installed:		7	29	
Grand total installed:			36	

ILS Notes:

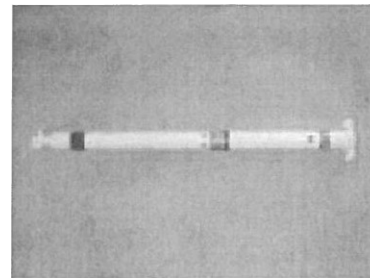
1. Quantity per lot reported installed in CAD/PAD Traceability System (CATS).
2. No lots have expired since the last publication of this report.
3. The next lot scheduled to expire does not expire until September 2002.
4. NAVWPNTSTRON PT MUGU sent in two requests for authority to repair lockwire and lead seals on their underseat rocket motors. Indian Head granted their request after NAVWPNTSTRON PT MUGU QA had inspected both units for any indications of movement of the threaded joints.

S-3B AIRCRAFT

Douglas ESCAPAC IE-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: 97144
- e. Four per aircraft.



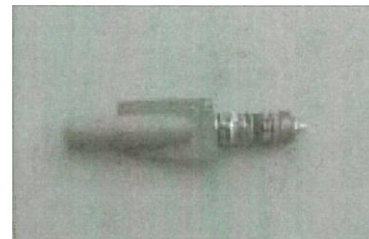
Lot No.	Lot quantity	S-3B	Total units installed	Service life expiration date
UPC89G003-021	20	9	9	July 2002
UPC89G003-022	268	116	116	July 2002
UPC89K003-023	234	92	92	October 2002
UPC89M004-025	161	39	39	December 2002
UPC90B004-026	279	64	64	February 2003
UPC90C004-027	279	89	89	March 2003
UPC90H004-028	69	28	28	August 2003
UPC93B004-031	14	7	7	February 2006
UPC97B001-032	7		0	February 2010
UPC99J001-034	173		0	September 2012
UPC99L001-035	183	0	0	November 2012
Total installed:		444	444	
Grand total installed:				

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 does not expire until July 2002.
4. We have not received any Mk 16 Mod I (MD72) conventional ordnance deficiencies or EIs on the S-3 aircraft since the last publication of this report.

Rocket Motor Mk Mod

- a. NSN:
 2. 82 0/1 (Man/Seat Separator, Left)
 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/M0d 1 971)12
 e. Two per aircraft (copilot/TACCO).



Lot No.	Lot quantity	S-3B	Total units installed	Service life expiration date
UPC85K001-016	179	22	22	October 2001
UPC86K001-017	279	40	40	October 2002
UPC93B001-021	391	144	144	February 2009
UPC94C001-022	25	7	7	March 2010
UPC99FOO I -003A ²	10	2	2	June 2006
UPCOOEOO I -004 ²	90	0	0	May 2007
Total installed:		215		
Grand total installed:			215	

ILS Notes:

- Quantity per lot reported installed in CAD/PAD Traceability System (CATS).
- Lot UPC99F001-()03A is the first lot of Mk 82 Mod 1 Man/Seat Separator Rocket Motors. This new unit can be used in all applications in which the Mod 0 unit is currently being used. The Mod I 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.
- The following lots have expired since the last publication of this report:

Rocket Motor Mk Mod

a. NSN:

UPC84LOOI-014 November 2000
 UPC84LOOI-015 November 2000

4. The next lot scheduled to expire does not expire until October 2001.

5. We have not received any Mk 82 Mod 0 (M928) conventional ordnance deficiencies or Els on the S-3 aircraft since the last publication of this report.

3. 90 0/1 (Man/Seat Separator, Right)

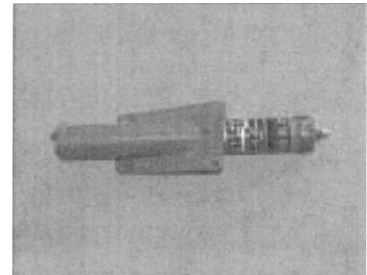
Mod 0 1377-00-201-9554/Mod 1 1377-01-412-6462

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).



Lot No.	Lot quantity	S-3B	Total units installed	Service life expiration date
U PC86JOO I -004	ISO	1 17	1 17	September 2001
IH-96DOOI -004 ¹	175	100	100	April 2002
IH-99HOOI -005 ¹	106	0	0	August 2006
Total installed:		217		
Grand total installed:			217	

ILS Notes:

¹ Lots IH-98D001-004 and IH-99H001-005 are the first lots of Mk 90 Mod I Man/Seat Separator Rocket

Rocket Motor Mk Mod

a. NSN:

Motors. This new unit can be used in all applications in which the Mod 0 unit is currently being used. The Mod I is a one-for-one exchange with the Mk 90 Mod 0 (MC 51) 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. No lots have expired since the last publication of this report.

4. The next lot scheduled to expire does not expire until September 2001.

5. We have not received any Mk 90 Mod 0/1 (MC51/MU75) conventional ordnance deficiencies or Els on the S-3 aircraft since the last publication of this report.

4. 83 0 (Low Yaw Thruster)

1377-00-119-2031

b. DODIC: M929

c. Service life: 84 months (7 years)

d. Rocket motor WUC: 97D31

e. Two per aircraft (pilot/copilot).



Lot No.	Lot quantity	S-3B	Total units installed	Service life expiration date
UPC94B002-012	146	70	70	February 2001
UPC95E002-013	146	120	120	May 2002
UPC97J002-014R	84	30	30	September 2004
ESDOOBOOI-OOI	96	0	0	February 2007

Rocket Motor Mk Mod

a. NSN:

ESDOOHOO 1-002 ⁵	119	0	August 2007
Total installed:		220	
Grand total installed:		220	

ILS Notes:

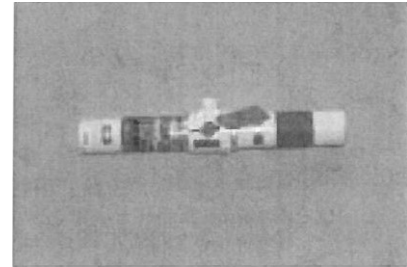
1. Quantity per lot reported installed in CAD/PAD Traceability System (CATS).
2. No lots have expired since the last publication of this report.
3. The following lot will expire within the next 6 months:
 UPC94B002-012 February 2001
4. We have received several CODRs on Mk 83 Mod 0 (M929) Low Yaw Thrusters Rocket Motors' slot damage. Two fleet activities reported this damage of the firing pin retainer slots on lots UPC95E002-013 and UPC97J002-014R. This damage was done during assembly/rework. Tool marks/slot deformation are cosmetic defects and will not affect the seat interface or function of the unit. This is an acceptable condition and not a cause for rejection of the motor. Pictures of the damaged firing pin retainer slots may be viewed on the VFS CADPAD Web page at: [Http://CADPAD.IH.NAVY.MIL](http://CADPAD.IH.NAVY.MIL).
5. We have qualified Pacific Scientific as a manufacturer.

Rocket Motor Mk Mod

5. a. NSN: 84 2 (Vernier)

1377-01-199-8315

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



Lot No.	Lot quantity	S-3B	S-3B ACB 888	Total units installed	Service life expiration date
TAC89D001-003A	109	24	0	24	April 2002
TAC89D001-004A	64	10	1	11	April 2002
TAC90M001-005A	213	24	45	69	December 2003
TAC93L001-006A	107	1	69	70	November 2006
TAC95J001-007A	86	1	79	80	September 2008
TAC96H001-001A	286	8	145	153	August 2009
Total installed:		68	339		
Grand total installed:				407	

ILS Notes:

- Quantity per lot reported installed in CAD/PAD Traceability System (CATS).
- No lots have expired since the last publication of this report.
- The next lots scheduled to expire do not expire until April 2002.
- We have not received any Mk 84 Mod 2 (MF57) conventional ordnance deficiencies or Els on the S-3 aircraft since the last publication of this report.

Rocket Motor Mk Mod

36

6. 85 0 (High Yaw Thruster)

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



Lot No.	Lot quantity	S-3B	Total units installed	Service life expiration date
UPC96J002-014	176	125	125	September 2003
UPC97D002-015	100	75	75	April 2004
ESD99M001-0015	121			December 2006
ESD99M001-0015	121		0	December 2006
Total installed:		200		
Grand total installed:			200	

ILS Notes:

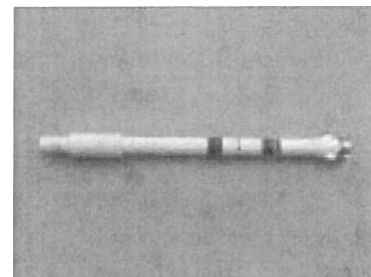
1. Quantity per lot reported installed in CAD/PAD Traceability System (CATS).
2. No lots have expired since the last publication of this report.
3. The next lots scheduled to expire do not expire until September 2003.
4. We have not received any Mk 85 Mod 0 (M932) conventional ordnance deficiencies or Els on the S-3 aircraft since the last publication of this report.
5. We have qualified Pacific Scientific as a manufacturer.

T-2C SERIES AIRCRAFT

North American LS-IA Ejection Seats

1. Rocket Catapult Mk 18 Mod O

- a. NSN: 1377-00-250-0206
- b. DODIC: M941
- c. Service life: 96 months (8 years)
- d. Two per aircraft
- e. Rocket motor WUC: 97DIF



f. This device can also 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
11+9313001-014	98	77	77	February 2001
IH-95C001-015	144	104	104	March 2003
IH-96K001-016	56	12	12	October 2004
IH-96K001-017	27	1	1	October 2004
IH-99F002-018	46	0	0	June 2006
IH-OOC002-019	31	0		March 2008
Total installed:		194		
Grand total installed:			194	

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 following lot will expire within the next 6 months:

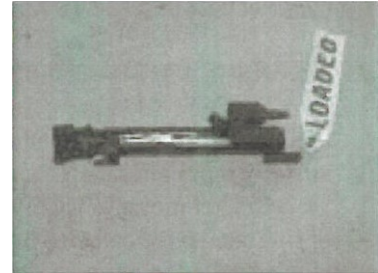
IH-93BOO I -014	February 2001
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4. We have not received any Mk 18 Mod 0 (M941) conventional ordnance deficiencies or Els on the T-2 aircraft since the last publication of this report.

T-45A/C AIRCRAFT

(Forward

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

1. Parachute Deployment Rocket Motor Mk 122 Mod 0
 - a. NSN: 1377-01-246-5279
 - b. DODIC: MT29
 - c. Service life: 84 months (7 years)
 - d. Rocket motor WUC: 97D4A
 - e. Two per aircraft.



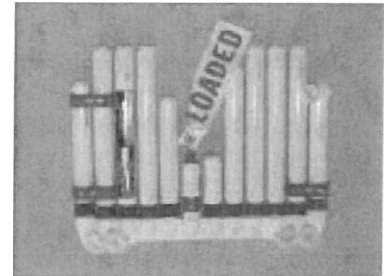
Lot No.	Lot quantity	T-45A	rr-45c	Total units installed	Service life expiration date
MBA93F002-0094	142	2	0	2	June 2000
UPC94C003-0044	229	27	3	30	March 2001
MBA95F003-010	200	25	5	30	June 2002
MBA96C003-013	49	0	18	18	March 2003
UPC97H003-005	192	35	26	61	August 2004
MBA98J004-014	300	50	33	83	September 2005
MBA99J004-016	206	4	1	5	September 2006
Total installed:		143	86		
Grand total installed:				229	

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 does not expire until June 2002.
4. Indian Head has extended the service life 24 months from 84 months (7 years) to 108 months (9 years) for the following lots:

MBA93F002-009	June 2002
UPC94C003-004	March 2003

5. We have not received any Mk 122 Mod 0 (MT29) conventional ordnance deficiencies or Els on the T-45 aircraft since last publication of this report.
2. Underseat Rocket Motor Mk 123 Mod 0
 - a. NSN: 1377-01-246-5280
 - b. DODIC: MT30
 - c. Service life: 156 months (13 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
MBA89F001-003	31	0	0	0	June 2002
MBA89F001-005	16	0	0	0	June 2002
MBA90H001-006	35	3	0	3	August 2003
MBA90H001-007	6	1			August 2003
MBA90K001-008	50	5	0	5	October 2003
UPC90LOO1 HOOIB	17	2	0	2	November 2003
MBA91J001-009	14	1	0		September 2004
UPC91 KOO 1 H002A	14	1			October 2004
MBA92C001-010	10	6	0	6	March 2005
UPC93E002H005	27	2	0	2	May 2006
MBA93F002-011	52	28	4	32	June 2006
UPC94B003H006	80	17	4	21	February 2007
MBA95C003-012	236	6	7	13	March 2008
MBA96C003-013	71		7	7	March 2009
MBA97G003-014	33	0	11	11	July 2010
MBA98J003-017	33	0	8	8	September 2011
MBA99H003-019	53		1	1	September 2012
Total installed:		72			
Grand total				114	

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 does not expire until June 2002.
 4. We have received a CODR concerning a Mk 123 Mod 0 (MT30) Underseat Rocket Motor (USRM). A fleet activity reported that while they were removing the forward seat bucket to facilitate other maintenance, the seat bucket hit the outside of a FA-18 aircraft. This caused damage to the forward lateral thrust motor nozzle on the USRM.
3. Underseat Rocket Motor Mk 124 Mod 0
- a. NSN: 1377-01-246-5281
 - b. DODIC: MT31
 - c. Service life: 156 months (13 years)
 - d. Rocket motor WUC: 97D48
 - e. One per aircraft (Aft seat).



Lot No.	Lot quantity	Lot		Total units installed	Service life expiration date
		T-45A	T-45C		
MBA89F001-004	57	0	0		June 2002
MBA89F001-005	7		0	0	September 2002
MBA90H001-006	68	3	0	3	August 2003
MBA90H001-007	36	0		0	August 2003
MBA90K001-008	91	4	0	4	October 2003
UPC90L001 HOOIB	36	1		1	November 2003
MBA91J001-009	34	2	0	2	September 2004
UPC91 KOO 1 H002A	29	1	0	1	October 2004
UPC91K001H003	6	0	0		October 2004
MBA92C001-010	27	6	0	6	March 2005
UPC93D002H004	62	2	0	2	April 2006
MBA93F002-011	104	20	0	20	June 2006
UPC94C003H005	142	21	6	27	March 2007
MBA95C003-012	165	3	4	7	March 2008
MBA96C003-013	71	1	7	8	March 2009
MBA97G003-014	70	5	11	16	July 2010

MBA98J003-017	66	0	14	14	September 2011
MBA99H003-019	84	0	1	1	August 2012
Total installed:		69	43		
Grand total installed:				112	

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 does not expire until June 2002.
4. We have not received any Mk 124 Mod 0 (MT31) conventional ordnance deficiencies or Els on the T-45 aircraft since the last publication of this report.

PAD SUMMARY

The following section summarizes the service life, identification data, and total installed assets for each PAD device. Table I contains the PAD device, service life, and operating temperature range. Table I is based on the information current in NAVAIR 11-100-1. I-CD at the time this report was printed; NAVAIR 1 1-100-1.1 -CD is the official source for the service life of PAD devices. Table II identifies each PAD device by DODIC, propellant type, explosive weight, manufacturer, NAVAIR part number, applicable specification (procurement description), applicable aircraft, and aircraft manufacturer. Table III presents the total installed assets for the PAD devices, and Table IV provides this information by lot numbers.

Table I. Service Life Listing^a

Device	Service life (mo)	Operating range
Rocket Catapult		
Mk 12 Mod 1—40 to 165 Mk O96—40 to 165 CKU-7A120—40 to 160	16 Mod 1156—	40 to 160 Mk 18 Mod
Man/Seat Separators		
Mk 82 Mod O192—40 to 160 90 Mod O192—40 to 160 Mk	Mk 82 Mod 90 Mod 184—40	184—40 to 160 Mk 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
	Seatback Rocket	
Mk 79 Mod 1	132	—40 to 160
	WORD/Drogue Release Assembly	
Mk 113 Mod O	96	—40 to 160
	Catapult Cartridge	
Mk 205 Mod 1	96	-65 to 165
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 74175 Mod O240—40 to 160 Mk 86/87/88 Mod 1240—40 to 160 Mk 92 Mod 1168—40 to 160 Mk 100 O204—40 to 160 Mk 123 Mod O156—65 to	160 Mk 74/75 O240—40 to Mod O168—40 Mod O 204—40 165 Mk 124	Mod 1240—40 to 160 Mk 86/87/88 to 160 Mk 92 Mod to 160 Mk 101 Mod Mod O156—65 to 165
Canopy Remover Rocket Motor		
Mk 109 Mod O	132	—65 to 165
Mk 109 Mod 1	132	—65 to 165
Rocket Motor Divergence		
Mk 121 Mod O	84	—40 to 160
Parachute Deployment Rocket Motor		
Mk 122 Mod O	84	—65 to 165

Listing maintained in NAVAIR 11-100-1.1-CD.

Table 11. Propellant-Actuated Devices Summary
 [As of December 2000]

Device	DODIC	Propellant	Explosive weight (lb)	Manufacturer	Part number	Specification	Aircraft	Aircraft manufacturer
Rocket Catapults (Navy)								
Mk 12 Mod	MC77	Corp. PIN		31276	1CTPB5.00Indian	HeadNAVAIR	OV-10A	709ASIOO MIL-DTL-85097/9A(AS)Rockwell
International	MD72				S-3A, TA-4J			
Mk 16 Mod	M941				1CTPB7.00Indian	HeadNAVAIR	T-2	736AS300MIL-DTL-85097/1BLockheed
California Corp.							UPCO(1000-6)McDonnell Douglas	
Mk 18 ModOCTPB5.00Indian HeadNAVAIR 707ASIOO MIL-DTL-85097/12(AS)Rockwell International Corp.								
Rocket Catapults (Air Force)								
CKU-7A	MS15	CTPB	6.40	Indian Head UPCO	FI 1820361	MIL-C-48568	E	Northrup Corp.
							T-38	
Rocket Motors								

Mk 74 Mod 4904093MIL-A- (Pilot)UPCO(MB-	300-	6.40	1205)F_ NF-14A NF-14B	OM572Double 85097/8B(AS)F_ 14B	BaseMartin- 14AGrumman	BakerNAVAIR Aerospace Corp.
Mk 74 Mod 85097/8B(AS)F_ (Pilot)		6.40		1M572Double 14A/BGrumman	BaseIndian Aerospace Corp.	Head759AS130MIL-A-
Mk 75 Mod 4904094MIL-A- (NFO)UPCO(MB-	300-	2.70	1206)	OM573Double 85097/8/B(AS)F_ 14A/BGrumman	BaseMartin- 14A/BGrumman	BakerNAVAIR Aerospace Corp.
Mk 75 Mod		2.70		1M573Double	BaseIndian	Head759AS140MIL-A-
		0.60				
		0.05				
		1.12				
		0.10				
		6.40				
		6.40				
		6.40				
		6.40				

85097/8B(AS)F_14Grumman Aerospace Corp.
(NFO)

Mk 79 Mod 1 (SBR)MF21CTPBIIndian HeadNAVAR 672AS200MIL-A-85097/3C(AS)AV-8BHawker-Siddeley/ McDonnell
CTPBTalleyPIN 50579-5NAV-8B
TAV-8B

Mk 79 Mod 2 (SBR)MF21HTPBIIndian HeadNAVAR 672AS200MIL-A-85097/3C(AS)AV-8BHawker-Siddeley/ McDonnell
HTpBTalleyPIN 50579-7NAV-8B
TAV-8B

Mk 82 Mod OM928CTPBUPCONA NAIR 944ASIOOMIL-DTL-85097/5B(OS)s-3B,Lockheed California Corp.
(Man/Seat1033-2 (UPC)ES-3AMcDonnell Douglas
Separator, Left)A4F/M,
TA-4J

Mk 83 MOD O M929 CTPB UPCO NAVAIR 946ASIOO M IL-DTL-85097/6A (AS) s-3B Lockheed California Corp.
(Low Yaw Thruster)Pacific1105-1 (UPC)ES-3A Scientific

Mk 84 Mod 2MF57CTPB TalleyNAVAIR 503AS200MIL-DTL-85097/7D(OS)s-3BLockheed California Corp.
(Vernier Rocket)UPCO(50436-9)ES-3A (1340-2)

Mk 85 Mod OM932CTPBUPCONA NAIR 989ASIOOMIL-DTL-85097/6A(AS)S-3BLockheed California Corp.
(High Yaw Thruster)Pacific1136-1 (UPC)ES-3A Scientific

Mk 86 Mod OM938Double BaseMartin-BakerNAVAR 4904171MIL-A-85097/8B(AS)EA-6BGrumman Aerospace Corp.
(Pi10UECMO-3)UPCO(MB-200-610)

Mk 86 Mod 1M938Double BaseIndian Head759AS170MIL-A-85097/8B(AS)EA-6BGrumman Aerospace Corp.
(PiloVECMO-3)

Mk 87 ModO M939 Double Base Martin-Baker NAVAR 4904172 MIL-A-85097/8B(AS) EA-6B Grumman Aerospace Corp.
(ECMO-I)UPCO(MB-200-612)

Mk 87 Mod 1M939Double BaseIndian Head759AS180MIL-A-85097/8B(AS)EA-6BGrumman Aerospace Corp.
(ECMO-I)

Table 11—Continued
[As of December 2000]

Device	DODIC	Propellant	Explosive weight (lb)	Manufacturer	Part number	Specification	Aircraft	Aircraft manufacturer
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Mk 88 Mod O (ECMO-2)	M940		6.40			MIL-A-85097/8B(AS)	EA-6B	
Mk 88 Mod 1 (ECMO-2)	M940		6.40			MIL-A-85097/8B(AS)	EA-6B	
Mk 90 Mod O (Man/Seat Separator, Right)	MC51	Double Base	0.60	Martin-Baker UPCO	NAVAR 4904173 (MB-200-614)	MIL-DTL-85097/5B(OS)	s-3B ES-3A	Grumman Aerospace Corp.
Mk 90 Mod 1	MU75	Double Base	0.60	Indian Head	759190	MIL-DTL-85097/5B(OS)	s-3B ES-3A	Grumman Aerospace Corp.
Mk 92 Mod 1	M933	CTPB	6.20	UPCO	NAVAR 970ASIOO 1033-3 (UPC)	MIL-A-85097/8BAS)	QF-4N	Lockheed California Corp
Mk 100 Mod O	MD68		6.60			MIL-A-85097/8B	FA-18A 18B FA-18C FA-18C)	Lockheed California Corp.
		CTPB			NAVAR 970AS201			
Mk 101 Mod O	MD69	Double Base	6.60	Indian Head	NAVAR 1175ASIOO	MIL-A-85097/8B	FA-18B FA-18D	McDonnell Douglas
Mk 109 Mod O	MF56	Double Base	1.0	Martin-Baker	MBEU-69025-2 NAVAR 1176AS200	MIL-DTL-85097/13C (OS)	18A FA-18B FA-18C FA-18D FA-18E FA-18F	McDonnell Douglas
		Double Base		Martin-Baker	MBEU-69028-2 NAVAR 1176AS300			McDonnell Douglas
Mk 109 Mod 1	SS67	CTPB	1.0	Indian Head Talley UPCO	PIN-50656-5 NAVAR 1507ASIOO	MI-DTL-85097/13A(OS)		McDonnell Douglas (Boeing)
							FA-18A FA-18B FA-18C	
Mk 113 Mod 0/1	MG67		0.288	Indian Head UPCO	1507AS201	MIL-DTL-85097/1 ID(OS)	FA-18C	McDonnell Douglas (Boeing)
Mk 121 Mod O (Divergence)	MT28		0.22			MIL-A-85097/15	FA-18D FA-18E FA-18F	
Mk 122 Mod O	MT29	CTPB HTPB	0.5	UPCO Talley	NAVAR 673AS200 PIN 50885-1	MIL-A-85097/16	AV-8B TAV-8B	Hawker-Siddeley/ McDonnell Douglas
		CTPB		UPCO Pacific Scientific	PIN 1163-3 (UPC) NAVAR 673AS300 2-102370-2 (Pac SCI)		TAV-8B	McDonnell Douglas
Mk 123 Mod O	MT30	Double Base	6.8	Martin-Baker UPCO	MBEU-146190	MIL-A-85097/17		McDonnell Douglas
							FA-18C FA-18D, FA-18E FA-18F	British Aerospace/ McDonnell Douglas
Mk 124 Mod O	MT31	Double Base	6-8		MBEU-142801	MIL-A-85097/17	T-45 A T45C F_14 D	Grumman Aerospace Corp. McDonnell Douglas
				Martin-Baker UPCO			FA-18C FA-18D	Grumman Aerospace Corp.
Mk 205 Mod 1/2	XW36	Double Base	0.25	Martin-Baker UPCO	MBEU-142802	MIL-DTL-85097/2E	FA-18F T-45A T-45C F_14D	McDonnell Douglas
		CTPB HTPB		Talley	NAVAIR 772AS400 PIN 5913-5		FA-18C FA-18D F 18E FA-18F T45 A T45C F_14D AV-8B TAV-8B	British Aerospace/ McDonnell Douglas Grumman Aerospace Corp. Hawker-Siddeley/ McDonnell Douglas

Table III. Total Installed Assets

PAD Device	DODIC	Aircraft	As of December 2000	
			Quantity installed (ea)	Total quantity installed (ea)
		ov-10	6	6
Mk 12 Mod 1	MC77	TA-4J S-	19	19
Mk 16 Mod 1	MD72	3B	444	444
		TQC	194	458
Mk 18 Mod O	M941	F_14A	59	194
Mk 74 Mod O	M572	F_14B	69	
		NF-14A	2	130
Mk 74 Mod 1	M572	F_14A	7	
		F_14B	3	10
		NF-14A		140
Mk 75 Mod O	M573	F_14A	62	
		F_14B	70	135
		NF_14A		
Mk 75 Mod 1	M573	F_14A	3	
		F_14B	2	4
		NF-14A	2	139
Mk 82 Mod O	M928	TA-4J		14
		S-3B	14	213
			213	227
MK 82 MOD 1	MU76	TA-4J		2
		S-3B	2	229
Mk 83 Mod O	M929			220
Mk 85 Mod O	M932	S-3B	220	200
Mk 92 Mod 1	M933	S-3B	200	
		QF-4N OF-4S	7	36
			29	
Mk 86 Mod O	M938			205
Mk 86 Mod 1	M938	EA-6B	205	30
		EA-6B	30	235
Mk 87 Mod O	M939			116
Mk 87 Mod 1	M939	EA-6B EA-6B	116	117
Mk 88 Mod O	M940			97
Mk 88 Mod 1	M940	EA-6B	97	25
		EA-6B	25	122

Table III—Continued

As of December 2000			Quantity Installed (ea)	Total quantity Installed (ea)
PAD Device	DODIC	Aircraft		

Mk 90 Mod O	MC51	S-3B	117	
Mk 90 Mod 1	MU75	S-3B	100	
	MC51/MU75			
Mk 100 Mod O	MD68	FA-18A	190	117
		FA-18B	31	100
		FA-18C	156	217
		FA-18D	53	
Mk 101 Mod O	MD69	FA-18B	29	
		FA-18D	53	430
Mk 79 Mod 1	MF21	AV-8B	212	
		NAV-8B		
		TAV-8B	56	82
Mk 109 Mod O	MF56	FA-18A	323	
Non-NACES		FA-18B FA-18C	52	268
		FA-18D FA-18E FA-18F	246	
			85	
Mk 109 Mod O	MF56	FA-18C FA-18D	515	
NACES		FA-18E	179	706
		FA-18F	28	
Mk 84 Mod 2	MF57		19	
		S-3B		741
		Repaired	407	1,447
Mk 113 Mod 0/1	MG67	Not-Repaired	339	
		AV-8 B	68	407
		NAV-8B		
CKU-7A	MS15	TAV-8B	90	
		F_5E	12	
Mk 121 Mod O	MT28	T-38A	31	102
			8	
Mk 122 Mod O	MT29	TAV-8B	18	
		F_14D		57
		NF_14D	64	64
		FA-18C	91	
		FA-18D	8	100
		FA-18E	236	
		FA-18F	183	
		T-45A	19	469
		T-45C	31	
			143	229
			86	797

			As of December 2000	
PAD Device	DODIC	Aircraft	Quantity Installed (ea)	Total quantity Installed (ea)
Mk 123 Mod O	MT30	F_14D NF-	46	50
		14D FA-18D	4	
		FA-18F T-	93	108
		45A	15	
		T-45C	72	
Mk 124 Mod O	MT31		42	114
		F_14D		272
		NF-14D		
		FA-18C	47	52
		FA-18D	5	
		FA- 18E	251	
		FA- 18F T-	91	377
45A	19			
Mk 205 Mod 1	XW36	T-45C	16	112
			69	541
Mk 205 Mod 2	XW36	AV-8B NAV-	43	
		8B		
		TAV-8B	106	106
		AV-8B NAV-	1	
		8B	30	28
		TAV-8B	28	165

Table IV. Total Reported Installed By Lot Number

				As of December 2000			
DODIC	Model	Lot No.	Lot quantity	Quantity Installed	Total installed	Expiration Date	Aircraft type(s)

Table III—Continued

MC77	Mk 12 Mod 1	IH-96K001-007	10	6		October 2004	
		IH-OOC002-009	14			March 2008	
MD72	Mk 16 Mod 1	UPC89G003-021	20	11		July 2002	
		UPC89G003-022	268	117		July 2002	
		UPC89K003-023	234	92	6	October 2002	ov-10
		UPC89M003-025	161	41		December 2002	
		UPC90B003-026	279	67		February 2003	
		UPC90C003-027	279	93		March 2003	
		UPC90H003-028	69	28		August 2003	
		UPC93B004-031	14	9		February 2006	
		UPC97B001-032	7			February 2010	
		UPC99J001-034	173			September 2012	
M941	Mk 18 Mod O	UPC99L001-035	183			November 2012	
		iH-93B001-014 IH-95C001-015	98	77	458	February 2001	TA-4J/S-3B
		IH-96K001-016	144	104		March 2003	
		IH-96K001-017	56	12		October 2004	
		IH-99F002-018	27	1		October 2004	
M572	Mk 74 Mod O	IH-OOC002-019	46			June 2006	
			31			March 2008	
		MBA81A001-006		3	194	January 2001	TQC
		MBA82B001-007		12		February 2002	
		MBA82B001-008	24	8		February 2002	
		MBA83A001-011	60	11		January 2003	
		MBA84B001-013	30	12		February 2004	
		MBA85E001-015	24	9		May 2005	
M572	Mk 74 Mod 1	MBA85E001-017	18	14		May 2005	
		MBA85H001-018	18	39		August 2005	
M573	Mk 75 Mod O	UPC86J001-001A/B	126	6	130	August 2006	
		MBA88B001-024	25	11	10	February 2008	
		MBA88H001-026	15	5	140	August 2008	F-14A/F-14B/NF-14A
		IH-94L002-003A	6	10		November 2014	
		MBA81A001-006	23			January 2001	
		MBA82B001-007		4		February 2002	
		MBA82B001-008		11		February 2002	
M573	Mk 75 Mod 1	MBA83A001-011	24	15		January 2003	
		MBA84B001-013	30	13		February 2004	
		MBA85E001-015	60	8		May 2005	
		MBA85E001-017	30	9	135	May 2005	
		MBA85H001-018	24	16	4	August 2005	
		UPC86J001-001 AB	18	40	139	August 2006	F-14A/F-14B/NF-14A
		MBA88B001-024	18	5		February 2008	
		MBA88H001-026	134	10		August 2008	
		IH-94L002-003A	25	4		November 2014	
			15	4			
			5	4			
			22				

			As of December 2000				
DODIC	Model	Lot No.	Lot quantity	Quantity Installed	Total Installed	Expired date	Aircraft type
M928	Mk 82 Mod O	UPC85K001-016	179	24		October 2001	
		UPC86K001-017	279	52		October 2002	
		UPC93B001-021	391	144		February 2009	
MU76	Mk 82 Mod 1	UPC94C001-022	25	7		March 2010	
		UPC99F001-003A	10	2		June 2006	
		UPCOOE001-004	90			May 2007	
M929	Mk 83 Mod O	UPC94B002-012	146	70	234	February 2001	
		UPC95E002-013	146	120	2	May 2002	
		UPC97J002-014R	84	30		September 2004	
		ESDOOB001-001	96		236	February 2007	
M932	Mk 85 Mod O	ESDOOH001-002	119			August 2007	TA-4J/S-3B
		U PC96J002-014		125		September 2003	
M933	Mk 92 Mod 1	UPC97D002-015	176	75			
		ESD99M001-001	100		220	April 2004	
			121			December 2006	S-3B
M938	Mk 86 Mod O	IH-88J001-005		36			
			306				
		MBA81A001-006		4	200	September 2003	s-3B
		MBA82B001-007	11	5			
		MBA82B001-008	12	18	36		
		MBA83A001-011	46	12		January 2001	QF-4N/QF-4S
		MBA84B001-013	13	6		February 2002	
		MBA85E001-015	12	11		February 2002	
		MBA85E001-017	16	20		January 2003	
		MBA85H001-018	24	28		February 2004	
		MBA86J001-021	31	17		May 2005	
		UPC86J001-001A/B	24	23		May 2005	
M939	Mk 87 Mod O	MBA86J001H020	37	25		August 2005	
		MBA88E001-027	25	15		September 2006	
		MBA89F001-030	24	21		September 2006	
		IH-94L002-003A	24	30	205	September 2006	
			79		30	May 2008	
		MBA81A001-006			235	June 2009	
		MBA82B001-007		3		November 2014	EA-6B
		MBA82B001-008	6	2			
		MBA83A001-011	6	16		January 2001	
		MBA84B001-013	27	4		February 2002	
		MBA85E001-015	6	3		February 2002	
		MBA85E001-017	6	5		January 2003	
		MBA85H001-018	8	9		February 2004	
		MBA86J001H020	12	19		May 2005	
		MBA86J001-021	25	15		May 2005	
		UPC86J001-001A/B	24	11		August 2005	
		MBA88B001H023	12	6		September 2006	
		MBA88E001-025	25	4		September 2006	
		MBA88E001-028	4		116	September 2006	
		MBA88H001 H029	11	7		February 2008	
		MBA88E001-030	10	1	1	May 2008	
		MBA89F001-031			117	May 2008	EA-6B

Table III—Continued

	IH-94L002-003A	3 12 11 26	10		August 2008 May 2008 June 2009 November 2014	
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IV—Continued

Table

As of December
2000

DODIC	Model	Lot No.	Lot Quantity	Quantity Installed	Total Installed	Expired date	Aircraft type
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Table III—Continued

M940	Mk 88 Mod O	MBA80H001-005	25	7		August 2001	
		MBA81A001-006	7	3		January 2002	
		MBA82B001-007	6	3		February 2002	
		MBA82B001-008	27	12		February 2002	
		MBA83A001-011	7	6		January 2003	
		MBA84B001-013	6	3		February 2004	
		MBA85E001-015	8	5		May 2005	
		MBA85E001-017	12	9		May 2005	
		MBA85H001-018	31	15		August 2005	
		MBA86J001-021	13	12		September 2006	
		MBA88E001-025	11	9		May 2008	
		MBA88E001-027	12			May 2008	
		MBA89F001-030	49	25		June 2009	
		MC51 MU75	Mk 90 Mod O Mk 90 Mod 1	IH-94L002-003A	24	13	
MD68	Mk 100 Mod O	UPC86J001-004				September 2001	
		IH-96D001-004	180	117		April 2002	
		IH-99H001-005	175	100		April 2002	
			106				
		MBA84B001-006				February 2001	
		MBA85E001-008	2	2		May 2001	
		MBA85H001-009	5	5		August 2002	
		MBA85H001-010	66	21	97	August 2002	
		MBA85K001-011	24	12	25	October 2002	
		MBA86G001-012	27	20	122	July 2003	EA-6B
		MBA86G001-013	57	32	117	July 2003	
		MBA86G001-015	47	15	100	July 2003	
		MBA86J001-016	30	10		September 2003	
		MBA86M001-017	30	14	217	December 2003	S-3B
MBA86J001-018	56	15		September 2003			
MBA86J001-020	29	6		September 2003			
MBA87K001-024	18	3		October 2004			
MBA87K001-025	7	10		October 2004			
MBA88B001-026	21	7		February			
MBA88G001-027	15	23		2005 July			
MBA88B001-028	23	1		2005			
MBA88G001-029	5	3		February			
MBA88G001-031	11	44		2005 July			
MBA89A001-033	55	3		2005			
MBA89B001-032	16	3		July 2005			
MBA89F001-034	128	54		January 2006			
MBA91B001-038	66	61		February 2006			
MBA93C002-040	8	6		June 2006			
MBA94C003-041	66	41		February 2008			
MBA96L003-047	66	21		February 2008			
MBA99M003-050	182	1		March 2010			
	46			March 2011			
MBA84B001-006	47			November 2014			
MBA85E001-008	7			December			
MBA85H001-009				2016			
MBA85K001-011							
MBA86G001-012				February 2001			
MBA86G001-013	2		430	May 2001	FA-18A/B/C/D		
				August 2002			

IV—Continued

	MBA86J001-020	6	1		October 2002
	MBA86M001-017	11	3		July 2003
	MBA87K001-024	55	3		July 2003
	MBA87K001-025	2	3		September
	MBA88B001-026	11	7		2003
		8	4		December 2003
		7	2		October 2004
		2	2		October 2004
		3	6		February 2005
		7			

Table III—Continued

DODIC	Model	Lot No.	Lot Quantity	As of December 2000		Total Installed	Expired date	Aircraft type		
				Quantity Installed						
MD69	Mk 101 Mod O		8			82	July 2005	FA-18B/D		
		MBA88G001	25	6			January 2006			
		-029	30	6			February			
		MBA89A001-	57	19			2006			
		033	23	10			February			
		MBA89B001-	33	5			2008			
MF21	Mk 79 Mod 1	MBA89B001-	47	6		239	March 2010	AV-8BfTAV-8B		
		032					March 2011			
		MBA91B001-	038	49	16				November 2014	
		MBA93C002-	040	110	16					
		040	50	16					May 2006	
		MBA94C003-	041	102	67		2		January 2009	
		041	88	63					December	
		MBA96L003-	047	18	2		31		2010	
			135	25	81				November 2001	
			171	22	68				August 2003	
MF56	Mk 109 Mod O	IH-95E001-	261	18		187	November			
		001					2004 April			
		IH-98A003-							2008	
		002		2			31		September	
		IH-99M002-	42	62			30		2008	
		003	202	2	29		29		August 2010	
		TAC90L001-	96	16	9		28			
		052	48	21			22			
		TAC92H001-	37	24			28			
		055	39	8	179		28		August 2001	
		TAC93L001-	244	32	0		263		August 2001	
		056	47	31	0		40		October 2001	
		TAC97D001-	001	47	31		0		40	February 2002
		001	46	30	0		32		April 2002	
		TAC97J002-	001	90	28		1		25	June 2002
		001	43	28	0		55		October 2002	
		TAC99H002-	002	49	22		0		28	September 2002
			46	28			27		2002	
			48	28			23		February 2002	
			45	10	253		20		May 2002	

IV—Continued

UPC89H001-020	343	40	0	8	July 2002
UPC89H001-021	49	24	0	5	September 2002
UPC89H001-022	35	32	0	56	2002
UPC89K001-023	48	25	0	17	February 2003
UPC90B001-024	25	1	0	18	April 2003
UPC90D001-025	15	55	0	16	July 2003
UPC90F001-026	60	28	0	6	July 2003
UPC90J001-027	29	27	0		October 2003
UPC90M001-028	27	23	0		January 2004
UPC918001-029	25	20	0		March 2004
UPC918001-030	20		8		September 2004
UPC918001-031	48	5			January 2005
UPC918001-032	6	11	45		April 2005
UPC918001-033	195	17			July 2006
UPC918001-034	17	17			July 2006
UPC918001-035	18	18			August 2006
UPC918001-036	16	16			November 2006
UPC918001-037	6	6			February 2007
UPC918001-038					March 2007
UPC918001-039					March 2007
UPC918001-040					May 2007
UPC918001-041					February 2008
UPC918001-042					July 2008
UPC918001-043					July 2008
UPC918001-044					
UPC918001-045					
UPC918001-046					
UPC918001-047					
UPC918001-048					
UPC918001-049					
UPC918001-050					
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UPC918001-066					
UPC918001-067					
UPC918001-068					
UPC918001-069					
UPC918001-070					
UPC918001-071					
UPC918001-072					
UPC918001-073					
UPC918001-074					
UPC918001-075					
UPC918001-076					
UPC918001-077					
UPC918001-078					
UPC918001-079					
UPC918001-080					
UPC918001-081					
UPC918001-082					
UPC918001-083					
UPC918001-084					
UPC918001-085					
UPC918001-086					
UPC918001-087					
UPC918001-088					
UPC918001-089					
UPC918001-090					
UPC918001-091					
UPC918001-092					
UPC918001-093					
UPC918001-094					
UPC918001-095					
UPC918001-096					
UPC918001-097					
UPC918001-098					
UPC918001-099					
UPC918001-100					

Table III—Continued

	049 UPC96G001-050 UPC96E001-051 UPC97B001-053 UPC97G001-054 UPC97G001-055					
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Table
As of December 2000

DODIC	Model	Lot No.	Lot Quantity	Quantity Installed	Total Installed	Expired date	Aircraft type
MF56		UPC98B001-056	54	NACES Non-	54		FA-18A/B/C/D/E/F
SS67	Mk 109 Mod 0	UPC99B001-057	12	54 NACES	12	February 2009	
		IH-98D001-001	57	12	12	February 2010	
	Mk 109 Mod 1	AC99D001-002	250	2 10	19	April 2009	
		ACOOA001-003	273	19	10	April 2010	
MF57				741 706	1,447	January 2011	S-3B
		AC89D001-003A	109	24		April 2002	
		AC89D001-004A	64	11		April 2002	
		AC90M001-005A	213	69		December 2003	
		AC93L001-006A	107	70		November 2006	
MG67	Mk 84 Mod 2	AC95J001-007A	86	80	407	September 2008	AV-8B/TAV-8B
MG67		AC96H001-001A	286	153		August 2009	
		AC93H002-021	7	6	11	August 2001	
		AC98M003-001	64	5	91	December 2006	
MS 15		UPC99D001-001	237	91	102	April 2007 July 2008	F-5E/F/T-38A
		UPCOOG001-002	32				
		IH-91B001-042	13	10		February 2001	
		IH-91L001-043	28	16		November 2001	
		IH-95E001-046	8	7		May 2005	
		IH-96H001-048	5	3		August 2006	
		IH-99F001-049				June 2009	

IV—Continued

MT28	Mk 113 Mod O	IHM0OC001-051	21 46	21	57	March 2010	AV-8B/TAV-8B	
MT29	Mk 113 Mod 1	UPC94E001-018		35		May 2001		
		UPC95H001-019	46	29	64	August 2002		
	ESDOOA001-001	33 86				January 2007		
	MT30	KU-7/A	MBA93F002-009		28		June 2002	F-14D/FA-18C,E,F, T-45A,C
UPC94C003-004			142	138		March 2003		
MBA95F003-010			229	66		June 2002		
MBA96C003-013			200	47		March 2003		
UPC97H003-005			49	176	699	August 2004		
MBA98J004-014			192	229		September 2005		
MBA99J004-016		300 206	15		September 2005			
Mk 121 Mod O			MBA89F001-003		5		June 2002	
			MBA89F001-005	31	2		June 2002	
			MBA90H001-006	16	26		August 2002	
			MBA90H001-007	35	1		August 2002	
			MBA90K001-008	6	30		October 2002	
	UPC90L001H001B		50	6		November 2003		
	Mk 121 Mod O		MBA91J001-009	17	14		September 2004	
			UPC91K001H002A	14	5		October 2004	
			MBA92C001-010	14	6		March 2005	
			UPC93E002H005	10	9		May 2006	
			MBA93F002-011	27	52		June 2006	
			UPC94B003H006	52	30		February 2007	
Mk 122 Mod O		BA95C003-012	80 236	23		March 2008		
		Mk 123 Mod O						

Table III—Continued

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IV—Continued

Table

As of December
2000

DODIC	Model	Lot No.	Lot quantity	Quantity Installed	Total Installed	Expired date	Aircraft type	
MT30	Mk 123 Mod O	MBA96C003-013	71	14		March 2009		
		MBA97G003-014	33	27		July 2010		
		MBA98J003-017	33	20		September 2011		
		MBA99H003-019	53	2		August 2012		
MT31	Mk 124 Mod O	MBA89F001-004	57 7 68 36 91 36 34 29 6 27 62 104 142 165	5	272	September 2002	F-14D/F-18C,D,E,F T-45A, C	
		MBA89F001-005		1		September 2002		
		MBA90H001-006		43		August 2003		
		MBA90H001-007		15		August 2003		
		MBA90K001-008		42		October 2003		
		UPC90L001H001B		7		November 2003		
		MBA91J001-009		23		September 2004		
		UPC91 K001H002A		12		October 2004		
		UPC91 K001H003		3		October 2004		
		MBA92C001-010		16		March 2005		
		UPC93D002H004		30		April 2006		
		MBA93F002-011		100		June 2006		
		UPC94B003H005		67		March 2007		
		MBA95C003-012		72		March 2008		
	MBA96C003-013	21	March 2009					
	MBA97G003-014	46	July 2010					
	MBA98J003-017	35	September 2011					
	MBA99H003-019	3	August 2012					
	Mk 205 Mod 1	Mk 205 Mod 2	TAC93H001-025	84 25 112 69 36 77 50 60	7	541	August 2001	F_14/F-18/T-45
			TAC95G001-002		55		July 2003	
			TAC95J001-003		39		September 2003	
			TAC96A001-004		36		January 2004	
			TAC98MOC2-001		28		December 2006	
			TAC98M002-002		36		December 2006	
			TAC98M002-002		28		February 2008	
			TACO0B002-003A		28			
			28					
			165]					
			165]					
			165]					

