

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

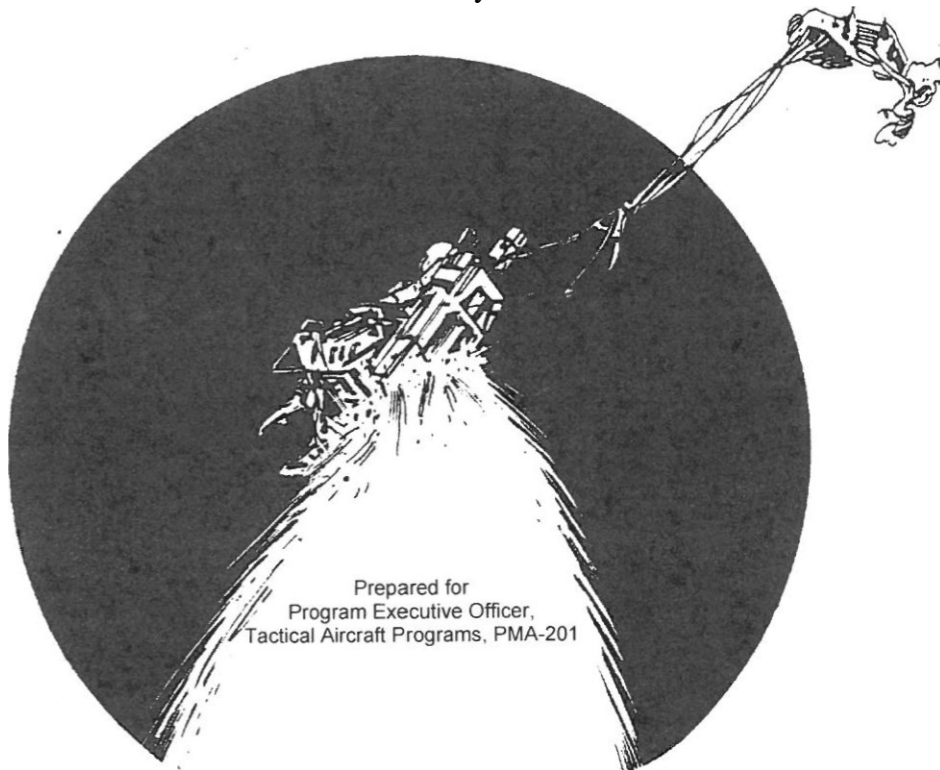
II-ISP 02-472  
30 January 2002

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# 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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<p>13. ABSTRACT (Maximum 200 words)</p> <p>stocks, to detail the                  This report is prepared to summarize the status of propellant-actuated devices, to detail the                  (PAD) support given or required for aircraft escape system changes, and to detail the                  highlight other PAD logistics support and acquisition management. The subject is a reference source                  report also serves as PAD information. or general</p>			
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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 51 1 OH), DSN 354-2105 or commercial line 301-744-2105.

Diane L. Sabal  
Manager, Navy PAD Branch

Approved and released by:

C.A. Pfleeger  
Director, PAD Engineering Division

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## INTEGRATED LOGISTICS SYSTEM NOTES

### NAVAIR 11-100-1.1-CD Electronic Technical Manual

Basic Issued Dtd I February 2001, IRAC 10 Dtd 23 June 00, IRAC 12 Dtd 6 October 00, IRAC 13 Dtd 21 November 2000, IRAC 14 Dtd 20 December 2000, IRAC 15 Dtd 25 June 2001, IRAC 16 Dtd 24 July 2001, IRAC 17 Dtd 1 August 2001, IRAC 18 Dtd 1 1 September 2001, IRAC 19 Dtd 17 January 2002, IRAC 20 Dtd 29 January 2002.

### 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:

IHMOIA002-001

a b c d e

a Manufacturer's identification symbol b Two-digit numeric code identifying the year of production of the oldest propellant batch used in the propellant actuated device (PAD) lot c Single alpha code signifying the month of production of the oldest propellant batch used in the PAD lot d Lot interfix number (controlled by Indian Head Division, Naval Surface Warfare Center, Indian Head, MD 20640-5035) e Lot sequence number.

### PAD Spares Policy

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

### Corrosion

The service life for PAD devices is determined by an extensive type-life and ordnance evaluation test program. Corrosion is considered to be a maintenance discrepancy reportable via a safety report or quality deficiency report in accordance with OPNAVINST 8600.2. 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

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inventories of installed assets conducted in cooperation with type commanders and aircraft manufacturers are compiled at Indian Head. Lot quantity figures indicate the amount delivered by a contractor for Navy use/Navy stock.

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

Red = Lot expiring in the next 6 months.

Dark Red = Lot that has expired in last 6 months.

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

Green A new mod change and affected lots from that change

Violet = The service life of this unit has been increased since we last published this report.



## Propellant-Actuated Devices

[As of 30 January 2002]

PAD device	NSN	DODIC	Series aircraft	No. per aircraft	Service life (mo/yr)
Rocket Catapults					
Mk 12 Mod 1 IOA2120/10 Mk 4J2156/13	<sup>1</sup> 1377-00-276- 16 Mod 1 <sup>2</sup> 1377-	2364MC77	OV- 01-040-9324MD72 TA-  S-3B4156/13		
<sup>1</sup> Mk 18 Mod 7A121377-00-125-7777MS15 F_5E1120/10	01377-00-250-	0206M941 T-2C2120/10 CKU-			
					2120/10 T-38A2120/10
Man/Seat Separators					
Mk 82	Mod 0 <sup>2</sup> 1377-00-	119-2022M928	TA-4J1192/16 S-3B2192/16		
Mk 82 Mod i 84/7	<sup>2</sup> 1377-01-412-		S-3B284/7		6530 MU76 1
Mk 90 Mod 0 <sup>2</sup> 2	<sup>2</sup> 1377-00-201-9554MC51 S-3B2192/16 84/7	Mk 90 Mod i <sup>2</sup>	1377-01-412-6462	MU75	S-3B
Yaw Thrusters					
Mk 83 Mod Mk 85 Mod. 2	<sup>0</sup> 31377-00-119- 1377-00-119- 84/7		2031M929S-	3B284/7	2045 M932 S-3B
Vernier					
Mk 84 Mod 2 <sup>2</sup> • <sup>4</sup>	1377-01-199-8315	MF57	S-3B	4	156/13
Seatback Rocket					
Mk 79 Mod 1/2 <sup>14</sup>	1377-01-069-1787	MF21	AV-8B	2	132/11
			TAV-8B WORD/Drogue Assembly	4	132/11
Mk 113 Mod 0/1 <sup>24</sup>	1377-01-149-3516	MG67	AV-8B TAV-8B	1	96/8
			Catapult Cartridge	2	96/8
Mk 205 Mod 1/2 <sup>4</sup>	1377-01-138-3829	XW36	AV-8B TAV-8B	2	96/8
			Underseat Rocket Motor		96/8

Mk 74 Mod 0<sup>5</sup>1377-00-181-  
 9532M572F\_14A/B, NF-14A]B240/20  
 Mk 74 Mod 1<sup>1</sup>1377-01-246-5282M572F\_14AB, NF-14A/B1240/20  
 Mk 75 Mod 01377-00-181-9533M573F\_14A/B, N F-14A/B1240/20 Mk 75 Mod 1<sup>1</sup>1377-01-246-5283M573F\_14AB, N F-14A]B1240/20  
 Mk 86 Mod 0<sup>5</sup>1377-00-201-9543M938EA-6B2240/20 Mk 86 Mod 1<sup>1</sup>1377-01-246-5286M938EA-6B2240/20 Mk 87 Mod 0<sup>5</sup>1377-00-201-9545M939EA-6B240/20  
 Mk 87 Mod 1<sup>1</sup>1377-01-246-5287M939EA-6B240/20  
 Mk 88 Mod 01377-00-201-9533M940EA-6B1240/20 Mk 88 Mod 1<sup>1</sup>1377-01-246-5288M940EA-6B240/20 Mk 92 Mod 1<sup>1</sup>1377-01-036-8514M933QF-4N, QF-4S2192/16 Mk 100 Mod 0<sup>5</sup>1377-01-039-2927MD68FA-18A]C/B/D204/17

See footnotes at end of table.

Proellant-Actuated Devices—Continued

PAD device	NSN	DODIC	Series aircraft	No. per aircraft	Service life (mo/yr)	
Mk 101 Mod 0 <sup>1</sup>	1377-01-039-2928	MD69	FA-18B/D/E	1	204/17	
Mk 123 Mod		MT30	F_14D	1	180/15	
Mk 124 Mod		1377-01-246-5280	MT31	FA-18D/F	1	180/15
				T-45A]C	1	180/15
				F_14D	1	180/15
	1377-01-246-5281		F A-18C/D/E/F	1	180/15	
			T-45A]C	1	180/15	
Canopy Remover Rocket Motor						
Mk 109 Mod Mod 1 <sup>24</sup> 1377-	0 <sup>24</sup> 1377-01-101-1443 MF56 FA-18A]C/B/D/E/F21 01-454-9321 SS67 FA-18A]C/B/D/E/F21 32/11			32/11	Mk 109	
Rocket Motor Divergence						
Mk 121 Mod 0 <sup>23</sup>	1377-01-242-8859	MT28	TAV-8B	4	84/7	
Parachute Deployment Rocket Motor						
Mk 122 Mod	1377-01-246-5279	MT29	F_14D	2	84/7	
			FA-18C/D/E/F	2	84/7	
			T-45A]C	2	84/7	

<sup>1</sup> Martin-Baker Aircraft Co., Ltd. (MBA).

<sup>1</sup> NAVSURFWARCENDIV, Indian Head (IH).

<sup>2</sup>

Universal Propulsion Company (UPC).

<sup>3</sup>

Pacific Scientific.

<sup>4</sup>

Talley Defense Systems (TAC).

## TA-4J AIRCRAFT

### Douglas ESCAPAC IG-3 Ejection Seats

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

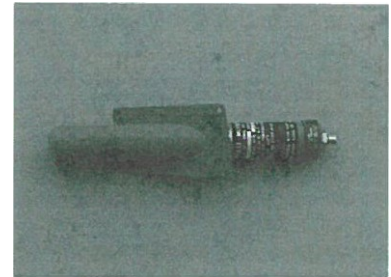
a. NSN: Mod 0 1377-00-119-2022/Mod 1 1377-01-412-6530

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 97D1 1/Mod 1 97D12

e. Two per TA-4J aircraft.



Lot No.	Lot	T-4J	Total units	Service life expiration
				installed date
				quantity
UPC86K001-017	279	33	33	October 2002
UPC93B001-021	391	2	2	February 2009
UPC94COO 1-022	25		0	March 2010
UPC99F001-003A2	10	0		June 2006
UPCOOE001-0042	90	0	0	May 2007
IHMOOB002-006 <sup>2, 3</sup>			0	February 2008
Total installed:		35		
Grand total installed:			35	

ILS Notes:

IHSP 02-472

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

2. 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.

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

4. The following lot has expired since the last publication of this report:

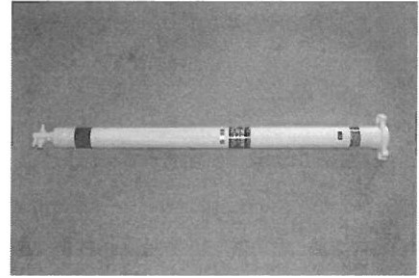
UPC85K001-016 October 2001

5. The next lots scheduled to expire do not expire until October 2002.

6. We have not received any Mk 82 Mod 0 (M928) conventional ordnance deficiencies or Els on the TA-4 aircraft since last publication of this report.

Lot No.	Lot quantity	TA-4J	units installed	expiration date
UPC89G003-021	20	0	0	July 2002
UPC89G003-022	268	6	6	July 2002
UPC89K003-023	234	4	4	October 2002
UPC89M004-025	161	13	13	December 2002
UPC90B004-026	279	18	18	February 2003
UPC90C004-027	279	17	17	March 2003
UPC90H004-028	69			August 2003
UPC93B004-031	14	3	3	February 2006
UPC97B001-032	7	0	0	February 2010
UPC99J00 1-034	173	0	0	September 2012
UPC99L001-035	183		0	November 2012
Total installed:		62		
Grand total installed:			62	

- 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:**

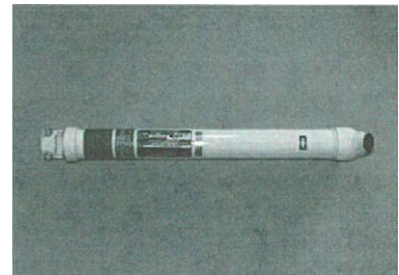
- 1. Quantity per lot reported installed in CAD/PAD Traceability System (CATS).
- 2. No lots have expired since the last publication of this report.
- 3. The next lots scheduled to expire do not expire until July 2002.
- 4. We have not received any Mk 16 Mod 1 (MD72) conventional ordnance deficiencies 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 1/2
  - 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	units installed	expiration date
TAC92H001-055	88		0	0	0	August 2003
		Total	0			
		Service life	0			
			0			
			0			

TAC93L001-056	18	20	2	November 2004		
TAC97D001-0012	135	6018	78	April 2008		
TAC97J002-0012	171	6512	77	September 2008		
TAC99H002-0022	261	204	24	August 2010		
IH-99M002-003	50	0	o	December 2010		
TAC00L002-0032	30	0	o	November 2011		
TAC01E002-0042	80	0	0	o	May 2012	
TACOOE002-0052	16	0	0	0	o	May 2012
Total installed:		159	o			
Grand total installed:				201		
IH-98A003-002	110	128	20	January 2009		

ILS Notes:

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

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

3. The following lot has expired since the last publication of this report:

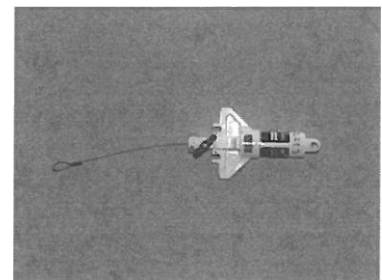
TAC90L001-052      November 2001

4. The next lot scheduled to expire does not expire until August 2003.

5. We have not received any Mk 79 Mod I (MF21) conventional ordnance deficiencies or Els on the A V-8 aircraft since the last publication of this report.

2. WORD Rocket Motor/Drogue Release Assembly Mk 1 13 Mod 0/1

- 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	Service life
					units installed	expiration date

TAC98M003-0012	64	7			7	December 2006
UPC99DOO -001	237	88	0	10	98	April 2007
UPCOOGOO I -002	32		0		0	July 2008
TAC00J004-003 <sup>2</sup>	30			0	0	September 2008
Total installed:		95	0	10		
Grand total installed:					105	

## ILS Notes:

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

2. NSWC IHDIIV has qualified and released a Mk 113 Mod 1 (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 1 is a one-for-one exchange with the Mk 113 Mod 0 (MG67) unit.

3. The following lot has expired since the last publication of this report:

TAC90L001-052      November 2001

4. The next lot scheduled to expire does not expire until December 2006.

5. We have not received any Mk 113 Mod 0 (MG67) conventional ordnance deficiencies or Els on the A V-8 aircraft since the 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: 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
TAC95G001-002	112	46		8	54	July 2003
TAC95JOO 1-003	69	37	1		38	September 2003
TAC96AOO 1-004	36	14	0	19	33	January 2004
TAC98M002-0012	77	31		0	31	December 2006
TAC98M002-0022	50	0	0	0	0	December 2006

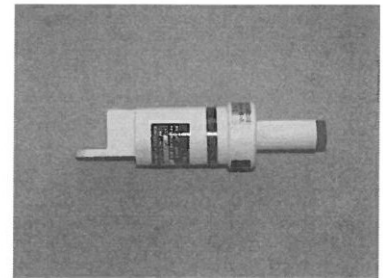
TACOOB002-003A2	60	1	o	o	1	February 2008
TACOIB002-004 <sup>2</sup>	126		0	o	o	February 2009
Total installed:		129	1	27		
Grand total installed:					157	

ILS Notes:

1. Quantity per lot reported installed in CAD/PAD Traceability System (CATS).
2. NSWC IHDIIV has qualified and released a Mk 205 Mod 2 (XW36) Catapult Cartridge. This new

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.



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.

3. The following lot has expired since the last publication of this report:

TAC93H001-025      August 2001

4. The next lot scheduled to expire does not expire until July 2003.
5. We have not received any Mk 205 Mod I (XW36) conventional ordnance deficiencies or Els on the A V-8 aircraft since the last publication of this report.

Service ILS Notes:	Lot No.	Lot quantity	TAV-8B	units installed	expiration date	Total life
	UPC95HOOI-019	33	29	29	August 2002	
	ESDOOA001-0015	86	0	o	January 2007	
	Total installed:		29			
	Grand total installed:			29		

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 2002.

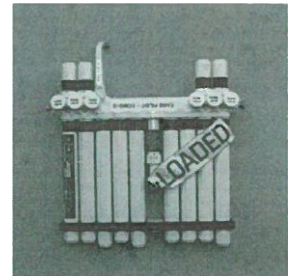


4. We have not received any Mk 121 Mod 0 (MT28) conventional ordnance deficiencies or Els on the TAV-8 aircraft since last publication of this report.
5. We have qualified Pacific Scientific (ESD) as a manufacturer.

**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 0 and Mod I
- e. Two per aircraft (Pilot/ECMO-3).



Total ILS	Lot No.	Lot quantity	EA-6B	units installed	Service life expiration date
	MBAS2BOOI-0073	12	4	4	February 2002
	MBA82BOOI-0083			17	February 2002
	MBA83A001-011	14	14	14	January 2003
	MBA84B001-013	12	6	6	February 2004
	MBA85E001-015	16	11	11	May 2005
	MBA85E001-017		20	20	May 2005
	MBA85H001-018	32	32	32	August 2005
	MBA86J001-021	24	18	18	September 2006
	UPC86J001-OO I (A) or (B)	37	19	19	September 2006
	MBA86J001 H020	27	27	27	September 2006
	MBA88B001H023	7			February 2008
	MBA88E001-027	22	14	14	June 2008
	MBA89FOOI-030	24	17	17	June 2009
	IH-94L002-003A	76	42	42	November 2014
	Total installed:		241		
	Grand total installed:			241	

Notes:

on the aircraft since the last publication of this report.

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:

MBA81A001-006                      January 2001

3. The following lots are scheduled to expire within the next six months:

MBA82B001-007    February    2002    MBA82B001-008  
February 2002

4. We have not received any Mk 86 Mod 0/1 (M938) conventional ordnance deficiencies or  
Els EA-6B

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

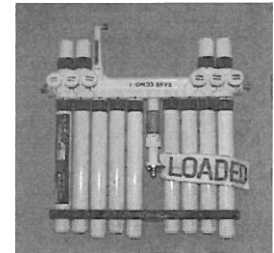
a. NSN: 1377-00-201-9545 (Mod 0), 1377-01-246-5287 (Mod 1)

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 ).



Mk Mod conventional ordnance deficiencies or Els on the aircraft since the last publication of this report.

Lot No.	Lot quantity	EA-6B	units installed	Service life expiration date
MBA82BOO I -0073	6			February 2002
MBA82BOOI-0083		13	13	February 200?
MBA83A00I-OI 1	6	5	5	January 2003
MBA84B001-013	6	3	3	February 2004
MBA85E00I-015	8	5	5	May 2005
MBA85E00I-017	12	9	9	May 2005
MBA85H00I-018	25	20	20	August 2005
MBA86J001 H020	21	18	18	September 2006
MBA86J001-021	12		11	September 2006
UPC86JOO I -001 (A) or (B)	25	7	7	September 2006
MBA88BOOI H023	5	5	5	February 2008
MBA88EOO 1-025	11	0		May 2008
MBA88EOO 1-028	10	7	7	May 2008
MBA88HOO I H029	1	1	1	August 2008
MBA88E00I-030	12	9	9	May 2008
MBA89FOOI-031	11			June 2009
IH-94L002-003A	26	6	6	November 2014
Total installed:		121		
Grand total installed:			121	
			Total	

ILS Notes:

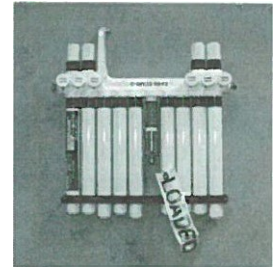
- Quantity per lot reported installed in CAD/PAD Traceability System (CATS).
- The following lot has expired since the last publication of this report:  
MBA81A001-006                      January 2001
- The following lots are scheduled to expire "ithin the next six months:  
MBA82B001-007 February 2002 MBA 82  
BOOI-008 February 2002

on the aircraft since the

4. We have not received any Mk 87 Mod 0/1 (M939) conventional ordnance deficiencies or Els 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 I: 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	Total units installed	Service life expiration date
MBA81A001-0063	7	4	4	January 2002
MBA82B001-0073	6		2	February 2002
MBA82B001-0083			14	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	14	14	August 2005
MBA86J001-021	13	10	10	September 2006
MBA88B001 H023	6	0	0	February 2008
MBA88E001025	11	11	11	May 2008
MBA88E001-027	12	1	1	May 2008
MBA89F001-030	13	10	10	May 2009
IH-94L002-003A	33	28	28	November 2014
IH-94L002-004	25		0	November 2014
Total installed:		122		2014
Grand total installed:			122	

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:

MBA80H001-005                      August 2001

Mk Mod conventional ordnance deficiencies or Els on the aircraft since the last publication of this report.

3. The following lots are scheduled to expire "ithin the next six months:

IMBA81A001-006

MBA82B001-007

MBA82B001-008

4. We have not received any 88

6B

January 2002

February 2002

February 2002

0/1 (M940)

EA-

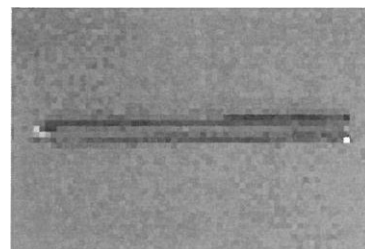
on t

## 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
- b. DODIC: MS 15
- 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-95E001-046	8	4	3	0	7	May 2005
IH-96HOO I -048	5			2	3	August 2006
IH-98FOO -049	21	16	0	5	21	August 2006
IHMOOC001-051	46	8	3		18	March 2010
IHMOOEOO 1-052	22			4	4	May 2010
Total installed:		29	6	18		
Grand total installed:					53	

## 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:

IH-91L001-043      November 2001

Mk Mod conventional ordnance deficiencies or Els last publication of this report.

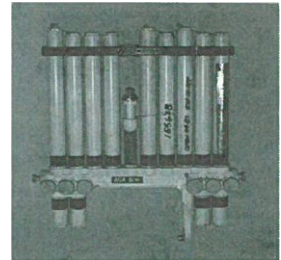
3. The next lot scheduled to expire does not expire until May 2005.
4. We have not received any CKU-7A (MS 1 5) conventional ordnance deficiencies or Els on the F-5 or T-38 aircraft since the last publication of this report.

**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	F-
MBA82BOOI-0073	30	
MBA82BOOI-0083	60	
MBA83AOO 1-011	30	
MBA84BOO 1-013	24	
MBA85EOO 1-015	18	
MBA85E001-017	18	
MBA85HOOI-018	126	
Total		
	Service life expiration date	
	February 200?	



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								on the
UPC86J001-001A (or) B	25	2	5				07	
MBA88B001-024	15	0	10				010	
MBA88H001-026 6 2 1 o3 IH-94L002-003A 23 9 413								
IHM94L002-004	15	0	0	0	0		0	
Total installed:		54	67	2	1			
Grand total installed:							124	

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 are scheduled to expire "ithin the next six months:

MBA82B001-007 February  
2002  
M BA82B001-008 February  
2002

4. We have not received any 74 0/1 (M572)  
F-14A/B aircraft since

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

- 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 0 and Mod 1
- e. One per aircraft (NFC).



Lot No.	Lot quantity	Lot				Total units installed	Service life expiration date
		F-14A	F-14B N	F-14A	NF-14B		
MBA82B001-0073	30	8				10	February 2002
MBA82B001-0083	70	4	4			8	February 2002
MBA83A001-011	32	5	8	0		13	January 2003
MBA84B001-013		5	2	0	0	7	February 2004
MBA85E001-015	18	4	8	0		12	May 2005
MBA85E001-017	18	0	16	0		16	May 2005
MBA85H001-018	134	22	10	1	0	33	August 2005
UPC86J001-00 IA (or) B	25	3	0	0	0	3	September 2006
MBA88B001-024	13	0	7	0	1	8	February 2008
MBA88H001-026	5	0	2	0	0	2	August 2008
IH-94L002-003A	22	4	7	0		11	November 2014
IHM94L002-004	12	0	0	0	0	0	November 2014
Total installed:		55	65	2			
Grand total installed:						123	

ILS Notes:

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

Mk Mod conventional ordnance deficiencies or Els last publication of this report.

2. No lots have expired since the last publication of this report.
3. The following lots are scheduled to expire within the next six months:

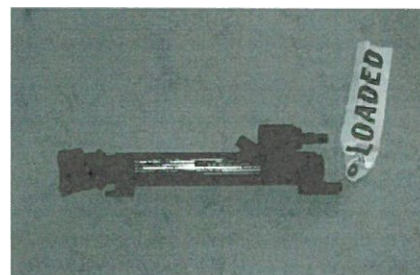
MBA82B001-007	February 2002
MBA82B001-008	February 2002
4. We received one CODR/QDR in the last 6 months. Depot maintenance personnel discovered corrosion on the rocket motor nozzles and tube ends of motors from both ejection seats during their SDLM aircraft acceptance process.

## 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 MCC)).



Lot No.	Lot quantity	F-14D	NF-14D	Total units installed	Service life expiration date
MBA93F002-0094	142	2	0	2	June 2002
UPC94C003-0044	229	24	2	26	March 2003
MBA95F003-OIO	200	5	4	9	June 2002
MBA96C003-013	49	6		6	March 2003
UPC97H003-005	192			24	August 2004
MBA98J004-014	300	22	2	24	September 2005
MBA99J004-016	206	4	0	4	September 2006
MBA01F004-017	257	2		2	June 2008
Total installed:		89	8		
Grand total installed:				97	

## 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.

Mk Mod 0 (MT conventional ordnance deficiencies or Els on the last publication of this report.

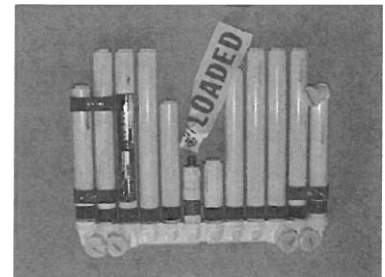
4. Indian Head has extended the service life 24 months from 84 months (7 years) to 108 months (9 years) for the following lots:

MBA93F002-009 June 2002  
 UPC94C003-004 March 2003

5. We have not received any F-122 29)  
 14D aircraft since

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

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



Lot No.	Lot quantity	F-14D	NF-14D	Total units installed	Service life expiration date
MBA89F001-003	31	0	0	0	June 2004
MBA89FOOI-005	16	0	0	0	June 2004
MBA90H001-006	35	14		14	August 2004
MBA90H001-007	6		0	0	August 2004
MBA90KOOI-008	50	9	0	9	October 2004
UPC90LOOIHOOIB	17			2	November 2005
MBA91JOOI-009	14	6		6	September 2006
UPC91 KOO 1 H002A	14		1	1	October 2006
MBA92COO 1-010	10			0	March 2006
UPC93E002H005	27			0	May 2008
MBA93F002-011	52	7	1	8	June 2008
UPC94B003H006	80	4		4	February 2009

Mk Mod 0 (MT conventional ordnance deficiencies or Els on the last publication of this report.

MBA95C003-012	236	3	o	3	March 2010
MBA96C003-013	71		o	0	March 2011
MBA97G003- 2012			0 0	014	33 11 July
MBA98J003- September 2013			0 0	017	3300
MBA99H003-019 53 00		August 2014	MBAO1A003-020	470	January 2016
Total installed:		45	3		
Grand total installed:				48	

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 June 2002.
4. We have increased the service life of the Mk 123 Mod 0 (MT30) Underseat Rocket Motor from 156 months (13 years) to 180 months (15 years). We issued this increase in IRAC 18, Naval message DTG 11103" sept 01.
5. We have not received any 123 30) F- 14D aircraft since the

ILS Notes:

Lot No.	Lot quantity	F-
MBA89F001-004	57	
MBA89F001-005	7	
MBA90HOO 1-006	68	
MBA90HOO1 -007	36	
MBA90KOO 1-008	91	
UPC90L001 1B	36	
MBA91J001-009	34	

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

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



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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 June 2002.
4. We have increased the service life of the Mk 124 Mod 0 (MT31) Underseat Rocket Motor from 156 months (13 years) to 180 months (15 years). We issued this increase in IRAC 18, Naval message DTG 11103" sept 01.
5. We have not received any 124 31)  
F-14D aircraft since the

Mk Mod 0 (MT conventional ordnance deficiencies or Els on the last publication of this report.

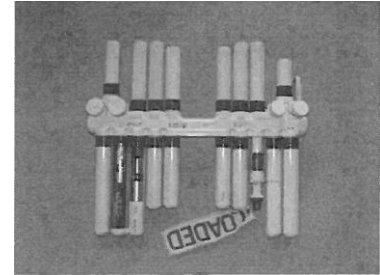
## FA-181A/BICID AIRCRAFT

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

SJU-6/A Ejection Seat (Front Seat of F/A-18 B/D)

1. Rocket Motor Mk 100 Mod O

- a. NSN: 1377-01-039-2927
- b. DODIC: MD68
- c. Service life: 204 months (17 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	Lot				units installed	Service life
		FA-18A	FA-18B	FA-18C	FA-18D		expiration date
MBA85H001-009	66	17		0	1	19	August 2002
MBA85H001-010		10	0	0	0	10	August 2002
MBA85K001-011	27	12	3	2	0	17	October 2002
MBA86G00 1-012	57	28			0	28	July 2003
MBA86G001-013	47	10	5	4	0	19	July 2003
MBA86G001 -015	30	3	0	6	0	9	July 2003
MBA86J001-016	56	12	3	2	1	18	September 2003
MBA86M001-017	29	0	0	1	3	14	December 2003
MBA86J001-018	18		0	3	3	6	September 2003
MBA86J001-020	7		0	2		3	September 2003
MBA87K001-024	21	0	0	7	3	10	October 2004
MBA87K001-025	15	1	0	5	1	7	October 2004
MBA88B001-026	23	1	0	15	5	21	February 2005
MBA88G001-027	5	0	0		0	1	July 2005
MBA88B001-028	11	0	0	3	0	3	February 2005
MBA88G001-029	55	2	0	37	5	44	July 2005
MBA88G00 -031	16		0	3		3	July 2005
MBA89A001-033	128	60	7	5	1	73	January 2006
MBA89B001-032	66	4	0	37	21	62	February 2006
MBA89F001-034	8	0	0	4	2	6	June 2006
MBA91B001-038	66	33	6	6	1	46	February 2008
MBA93C002-040	182	19	4	3	3	29	March 2010
MBA94C003-041	46	2		0	0	2	March 2011
						Total	

Lot No.	Lot	Lot				Total units installed	Service life expiration date
		FA-18A	FA-18B	FA-18C	FA-18D		
MBA96L003-047	47	3	0	1	4	November 2014	
MBA99M003-050	7		0	0	0	December 2016	
Total installed:		217	29	157	51		
Grand total installed:							
Grand total installed:					454		

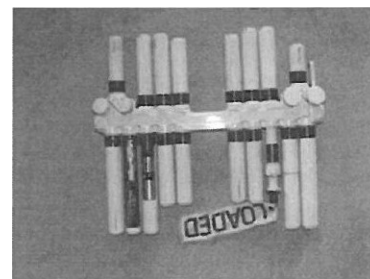
quantity

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 August 2002.
4. We received a CODR from a fleet activity reporting that while maintenance personnel were performing an acceptance inspection, they discovered gouges and heard excessive rattling noise when handling the rocket motor. Indian Head requested this motor be returned for possible placement in its quality evaluation program.

## 2. Rocket Motor Mk 101 Mod O

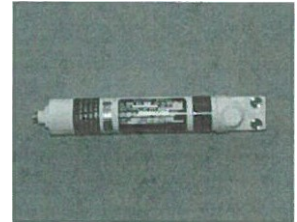
- a. NSN: 1377-01-039-2928
- b. DODIC: MD69
- c. Service life: 204 months (17 years)
- d. Rocket motor WUC: 97D3A
- e. One per F/A-18 (front seat only).



Lot No.	Lot quantity	FA-18B	FA-18D	Total units installed	Service life expiration date
MBA85HOOI-009	11	1		1	August 2002
MBA85KOOI-011	55	3		3	October 2002
MBA86G001-012	2	0		1	July 2003
MBA86GOOI-013	11	2	2	4	July 2003
MBA86JOOI-020	8	2	5	7	September 2003
MBA86M001-017	7	0	4	4	December 2003
MBA87KOOI-024	2	0	2	2	October 2004
MBA87KOOI-025	3		2	2	October 2004
MBA88BOOI-026	7		6	6	February 2005
MBA88G001-029	8	0	6	6	July 2005
MBA89A001-033	25	3	3	6	January 2006
MBA89BOOI-032	30	2	15	17	February 2006
MBA91 BOO 1-038	17	10	1	11	February 2008
MBA93C002-040	23	4	1	5	March 2010
MBA94C003-041	33	3	4	7	March 2011
MBA96L003-047	47	0	0	0	November 2014
Total installed:		30	52		
Grand total installed:				82	

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 2002.
  4. We have not received any Mk 101 Mod 0 (MD69) conventional ordnance deficiencies or Els on the FA- 1 8 aircraft since the last publication of this report.
3. Rocket Motor Mk 109 Mod O 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 F/A-18.
  - f. For non-NACES FA- 18 aircraft



Lot No.	Lot quantity	FA-18 variants				Total units installed	Service life expiration date
		FA-18A	FA-18B	FA-18C	FA-18D		
UPC90BOOI-023 <sup>4</sup>	48	0		4		6	February 2002
UPC90DOOI-0244	37		0			1	April 2002
UPC90FOOI-025 <sup>4</sup>	39	0	0			1	June 2002
UPC90KOOI-026 <sup>5</sup>	244	120	16	29	4	169	October 2002
UPC90J001-0275	47	0		0		0	September 2002
UPC90MOOI-028 <sup>5</sup>	47	0	0		0	0	December 2002
UPC91B001-029	46			0		0	February 2002
UPC91E001-030	90		0		0	0	May 2002
UPC91G001-031	43	1		0	0	1	July 2002

UPC91J001-032	49		0		o	September 2002			
UPC92B001-033	46		0		o	February 2003			
UPC92D001-034	48		0	0	o	April 2003			
UPC92G001-035	45	o	0	0	o	0	July 2003		
UPC92G001-036	343	96	24	105	29	254	July 2003		
UPC92K001-038	49	o	o			0	October 2003		
UPC93A001-039	35		o			0	January 2004		
UPC93COO 1-041	48	o	o			o	March 2004		
UPC93J001- September 2004			0	042	25o	0	o		
TAC94A002- January 2005			0	001A	150	0	o		
UPC 94DOO I -043	6o	0	April 2005	UC95D001-044	29	oo	0	0	April 2006
UPC95G001-045	27	0	o		0	o	July 2006		
UPC95H001-046	25	o	0			0	August 2006		
UPC95L001-047	20	0	0		0	0	November 2006		
UPC96BOO 1-048	48	10	2	26	8	46	February 2007		
UPC96C001-049	6			0	0	o	March 2007		
UPC96GOO1-050	195	33	2	45	28	108	July 2007		
UPC96EOO 1-051	18	0	0		o	o	May 2007		
UPC97B001-053	4			0	0	o	February 2008		
UPC97G001-054	7		0		0	0	July 2008		
UPC97G001-055	6			o	0	0	July 2008		
UPC98B001-056	54	o	0		0	0	February 2009		
UPC99B001-057	12				0	o	February 2010		
114-9810001-0012	57	15	2	13		41	April 2009		

## ILS Notes:

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

2.NSWC IHDIIV has qualified and released a Mk 109 Mod I (SS67) Canopy Jettison Rocket Motor (CORM).

Lot No.	Lot quantity	FA-18A	FA-18B	FA-18C	FA-18D	Total units installed	Service life expiration date	This new unit can be used in all
VAC99DOOI -002 <sup>2</sup>	250	47	8	31	20	106	April 2010	
TACOOA00 I -003 <sup>2</sup>				13		19	January 2011	
TACO I HOC) 1-0052	109					0	August 2012	
TACO I KOO I -0062	60	0		0	0	0	October 2012	
Total installed:		324	56	268	104			

Grand total installed: 752

applications in which the Mod 0 unit is currently 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.

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

UPC89H001-020 August 2001  
 UPC89H001-021 August 2001  
 UPC89K001-022 October 2001

4. The following lots will expire within the next six months:

UPC90BOO I -023 February  
 UPC90D001-024  
 UPC90F001-025 April

5. 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:

UPC90BOO I -023 February 2002 UPC90FOO1-025 June 2002  
 UPC90D001-024 April 2002 UPC90KOO I -026 October 2002  
 UPC90JOO -027 September 2002 UPC90M001-028 December 2002

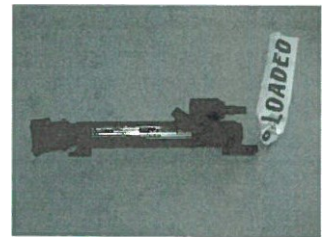
6. We have not received any Mk 109 Mod 0/1 (MF56/SS67) conventional ordnance deficiencies or Els on the FA-18 aircraft since the last publication of this report.

## FA-18C/D/E/F AIRCRAFT

**SJU-17/(V)2/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: 84 months (7 years)
- d. Rocket motor WUC: 97D4A
- e. One per aircraft F/A-18C, E, two per aircraft F/A-18E, F (pilot and copilot).



Lot No.	Lot quantity	Total				Total units installed	Service life expiration date
		FA-18C	FA-18D	FA-18E	FA-18F		
MBA93F002-0094	142	11	0	2	0	13	June 2002
UPC94C003-0044	229	28	21		2	52	March 2003
MBA95F003-010	200	54	40		0	94	June 2002
MBA96C003-013	49	5	9	1	4	19	March 2003
UPC97H003-005	192	41	36	9	11	97	August 2004
MBA98J004-014	300	69	45	6	14	134	September 2005
MBA99J004-016	206	34	2	2	8	68	September 2006
MBAOI F004-017	257	2	8			10	June 2008
Total installed:			183	21	39		
Grand total installed:						487	

## 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.

last publication of this report.

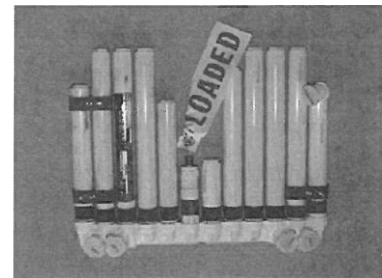
- 3. The next lots scheduled to expire do not expire until June 2002.
- 4. Indian Head has extended the service life 24 months from 84 months (7 years) to 108 months (9 years) for the following lots:

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

2. Underseat Rocket Motor Mk 123 Mod O

- a. NSN: 1377-01-246-5280
- b. DODIC: MT30
- c. Service life: 180 months (15 years)
- d. Rocket motor WUC: 97D4B
- e. One per F/A- 18D and F aircraft (pilot).



Lot No.	Lot quantity
MBA89F001-003	31
MBA89F001-005	16
MBA90H001-006	35
MBA90H001-007	6
MBA90K001-008	50
UPC90LOO I HOC) 1B	17
MBA91J001-009	14
UPC91KOO 1 H002A	14

last publication of this report.



MBA92COO 1-010	10
UPC93E002H005	27
MBA93F002-OI I	52
UPC94B003H006	80
MBA95C003-012	236
MBA 96003-013	71
MBA97G003-014	33
MBA98J003-017	33
MBA99H003-019	53

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	MBAOI A003-020	47
	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 lots scheduled to expire do not expire until June 2002.

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4. We have increased the service life of the Mk 123 Mod 0 (MT30) Underseat Rocket Motor from 156 months (13 years) to 180 months (15 years). We issued this increase in IRAC 18, Naval message DTG 111036Z sept 01.
5. We have not received any Mk 123 Mod 0 (MT30) conventional ordnance deficiencies or Els on the FA- 1 8 aircraft since

### 3. Underseat Rocket Motor Mk 124 Mod 0

- a. NSN: 1377-01-246-5281
- b. DODIC: MT31
- c. Service life: 180 months (15 years)
- d. Rocket motor WUC: 97D48



e.

One per F/A-18D, and F aircraft (copilot), one per F/A-18C, E aircraft (pilot).

Lot No.	Lot quantity	Lot				Total units installed	Service life expiration Date
		FA-18C	FA-18D	FA-18E	FA-18F		
MBA89F001-004	57	3	3	0	0	6	June 2004
MBA89F001-005	7	0		0	0	0	June 2004
MBA90H001-006	68	14	9	0	0	23	August 2005
MBA90H001-007	36	8	7	0	0	15	August 2005
MBA90K001-008	91	18	8	0	0	26	October 2005
UPC90L001H001B	36	3	2	0	0	5	November 2005
MBA91J001-009	34	11	9	0	0	20	September 2006
UPC91 K001H002A	29	4	2	0	0	6	October 2006
UPC91 K001H003	6		0	0	0	0	October 2006
MBA92C001-010	27	8	2	0	0	10	March 2007
UPC93D002H004	62	5	2	0	0	7	April 2007
MBA93F002-011	104	59	7	1	0	67	June 2008
UPC94C002H005	142	21	11	1	1	34	March 2009
MBA95C003-012	165	76	7	3	1	87	March 2010
MBA96C003-013	71	7	4	0	1	12	March 2011
MBA97G003-014	70	8	12	8	6	34	July 2012
MBA98J003-017	66	3	6	6	6	21	September 2013
MBA99H003-019	84	1		3	3	7	August 2014

last publication of this report.

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MBA01A003-020	76	0	0	0	0	January 2016
Total installed:		249	91	22	18	
Grand total installed:						380

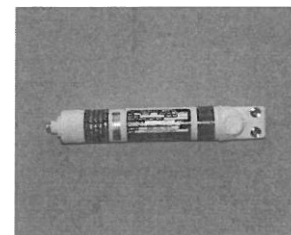
ILS Notes:

- 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 June 2002.
- 4 We have increased the service life of the Mk 124 Mod 0 (MT31) Underseat Rocket Motor from 156 months (13 years) to 180 months (15 years). We issued this increase in IRAC 18, Naval message DTG 111036z sept 01.
- 5 We have not received any Mk 123 Mod 0 (MT30) conventional ordnance deficiencies or Els on the FA- 18 aircraft since

last publication of this report.

## 4. Rocket Motor Mk 109 Mod 0, and Mod 1

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



Lot No.	Lot quantity	FA-18C	FA-18D	FA-18E	FA-18F	Total units installed	Service life expiration date
U PC90BOO 1-023 <sup>4</sup>	48	15			0	15	February 2000
U PC90D001-0244	37	1		0		21	April 2000
U PC90F0() 1-0254	39	16	3		0	19	June 2002
UPC90KOO I -026 <sup>5</sup>	244		2	0	0	3	October 2002
UPC90JOOI-0275	47	25	5		0	30	September 2002
UPC90MOO 1-028 <sup>5</sup>	47	23	6	0	0	29	December 2002
UPC91 BOO I -029	46	2	6	0	0	30	February 2002
UPC91 EOO I -030	90	0	0	0	0	0	May 2002
UPC91G001-031	43	20	8	0	0	28	July 2002
UPC91J001-28				0	032	49	September 2002
UPC92B001-033	46	1		0	12	0	February 2003
UPC92DOO I -				0	034	48	April 2003
UPC92GOOI-035	45	18		60		24	July 2003
UPC92GOO 1-036	343	10		00		10	July 2003
UPC92KOO I -038	49	30		60		36	October 2003
UPC93A00I-039	35	13	8	0	0	21	January 2004
UPC93COO 1-041	48	22	10		0	32	March 2004
UPC93J001-042	25	24	1		0	25	September 2004

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TAC94A002-001A	15	1	1		0	2	January 2005
UPC94DOO 1-043	60	33	20	2	0	55	April 2005
UPC95DOO 1-044	29	26	0	2	0	28	April 2006
UPC95GOO 1-045	27	26	0			27	July 2006
UPC95HOO -046	25	22		0		23	August 2006
UPC95LOOI-047	20	20			0	20	November 2006
UPC96BOOI -048	48	0			0	0	February 2007
UPC96C001-049	6	5	0		0	5	March 2007
UPC96GOO 1-050	195	8		2	4	14	July 2007
UPC96E001-051	18	18			0	18	May 2007
UPC97B001-053	18	11	5	2	0	18	February 2008
UPC97GOO 1-054	14	7	9		0	16	July 2008
UPC97G001-055	6	6	0	0	0	6	July 2008
UPC98B001-056	54	2	18	18	16	54	February 2009

Lot No.	Lot quantity	FA-18C	FA-18D	FA-18E	FA-18F	Total units installed	Service life expiration Date
UPC99B001-057	57	13	10	12	16	51	February 2010
IH-98DOO I -OO 1 <sup>2</sup>	57	4		0	0	4	April 2009
TAC99D001-002 <sup>2</sup>	250	14	16		0	30	April 2010
TACOOA001-0032	273	3	10	0	0	13	January 2011
TACO I HOO I -005 <sup>2</sup>	109		0	0	0	0	August 2012
TACO I KOO I -006 <sup>2</sup>	60	0	0	0		0	October 2012
Total installed:		527	184	38	38		
Grand total installed:						787	

ILS Notes:

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

2.NS WC 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 used. The Mod I is a one-for-one exchange with the Mk 109 Mod 0 (IMF 56) 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:

UPC89H001-020	August 2001
UPC89H001-021	August 2001
UPC89K001-022	October 2001

4. The following lots will expire within the next six months:

UPC90BOO I -023	February 200?
UPC90DOO I -024	April 2002
UPC90FOOI-025	June 2002

5. Indian Head has extended the following lots' service lives 12 months from 132 months (1 1 years) to 144 months (12 years) per NAVAIR 11-100-1.1-CD:

UPC90BOO -023	February 2002	UPC90FOOI-025	June 2002
UPC90DOOI -024	April 2002	UPC90KOOI-026	October 2002
UPC90JOO I -027	September 2002	UPC90M001-028	December 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 last publication of this report.

### ov-I OA AIRCRAFT

#### North American LW-3B Ejection Seats

1. Rocket Catapult Mk 12 Mod 1

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



Lot	Total	Service life
Lot No.	OV-IOA	units expiration

	quantity		installed	date
IH-96KOO -007	10	6	6	October 2006
IHOOC002-009	14	0	0	March 2010
Total installed:		6		
Grand total installed:			6	

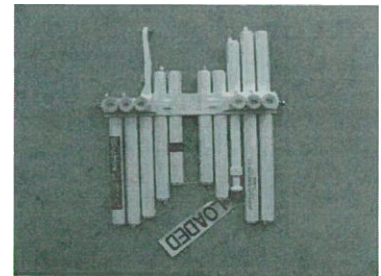
ILS Notes:

1. Quantity per lot reported installed in CAD/PAD Traceability System (CATS).
2. We have increased the service life of the Mk 12 Mod 1 (MC77) Rocket Catapult from 96 months (8 years) to 120 months (10 years).
3. No lots have expired since the last publication of this report.
4. The next lot scheduled to expire does not expire until October 2004.
5. 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: 192 months (16 years)
  - d. Rocket motor WUC: 97D3R
  - e. Two per aircraft (pilot and RIO).



Lot	Lot No.	QF-4N	QF-4S	Total units installed	Service life expiration Date
quantity					



IH-88JOO 1-005	306	6	29	35	September 2004
Total installed:		6	29		
Grand total installed:				35	

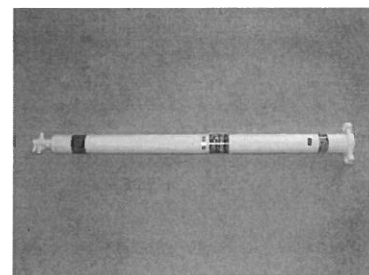
## ILS Notes:

1. Quantity per lot reported installed in CAD/PAD Traceability System (CATS).
2. We have increased the service life for the Mk 92 Mod 1 (M933) Underseat Rocket Motor from 168 months (14 years) to 192 months (16 years).
3. No lots have expired since the last publication of this report.
4. The next lot scheduled to expire does not expire until September 2002.
5. We have not received any Mk 92 Mod I (M933) conventional ordnance deficiencies or Els on the F-4 aircraft since the last publication of this report.

## S-3B AIRCRAFT

## Douglas ESCAPAC I E-I Ejection Seats

- i. Rocket Catapult Mk 16 Mod 1
  - a. NSN: 1377-01-040-9324
  - b. DODIC: MD 72
  - c. Service life: 156 months (13 years)
  - d. Rocket motor WUC: 97D44
  - e. Four per aircraft.



Lot No.	Lot quantity	S-3B	Total units installed	Service life expiration date
UPC89G003-021	20		0	July 2002
UPC89G003-022	268	92	92	July 2002
UPC89K003-023	234	81	81	October 2002
UPC89M004-025	161	28	28	December 2002

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UPC90B004-026	279	59	59	Februarv 2003
UPC90C004-027	279		87	March 2003
UPC90H004-028	69	34	34	Auzust 2003
UPC93B004-031	14	3	3	February 2006
UPC97BOO1 -032	7		o	February 2010
UPC99JOO1 -034	173	48	48	September 2012
UPC99LOO1-035	183	0	o	November 2012
Total installed:		432		
Grand total installed:			432	

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 1 (MD72) conventional ordnance deficiencies or Els on the S-3 aircraft since the last publication of this report.

## Rocket Motor Mk Mod

- a. NSN:  
 b. DODIC:  
 2. 82 0/1 (Man/Seat Separator, Left)  
 Mod 0 1377-00-119-2022/Mod 1 1377-01-412-6530 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).



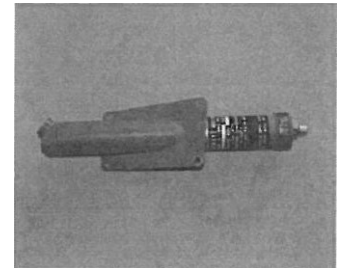
Lot No.	Lot quantity	S-3B	Total units installed	Service life expiration date
UPC86K001-017	279	27	27	October 2002
UPC93B001-021	391	160	160	February 2009
UPC94COO 1-022	25	12	12	March 2010
UPC99F001-003A2	10	6	6	June 2006
UPCOOE001-0042	90	2	2	May 2007
111MOOB002-006 <sup>2</sup> ,		0	0	February
<sup>3</sup> Total		207		2008
installed:			207	
Grand total installed:				

## ILS Notes:

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

Rocket Motor Mk Mod

- a. NSN:
- b. DODIC:  
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. Indian Head has changed its manufacturer's identification symbol from IH to IHM.
- 4. The following lot has expired since the last publication of this report:  
  
UPC85K001-016 October 2001
- 5. The next lot scheduled to expire does not expire until October 2002.
- 6. 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 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
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## Rocket Motor Mk Mod

a. NSN:

b. DODIC:

UPC86J001-004	180	105	105	September 2002
11-1-961)001-0041	175	115	115	April 2003
IH-99H001-0051	106	o	0	August 2006
IHM00B002-0061,2	110		o	February 2008
Total installed:		220	220	
Grand total installed:				

## ILS Notes:

1. These lots of Mk 90 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 90 Mod 0 (MU75) unit. Mod 0 units will still be issued until stock is exhausted.
2. Indian Head has changed its manufacturer's identification symbol from IH to IHM.
3. Quantity per lot reported installed in CAD/PAD Traceability System (CATS).
4. No lots have expired since the last publication of this report.
5. The next lot scheduled to expire does not expire until September 2002.
6. 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.



## Rocket Motor Mk Mod

a. NSN:

b. DODIC:

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.1H.NAVY.MIL](http://CADPAD.1H.NAVY.MIL).

5. We have qualified Pacific Scientific (ESL) as a manufacturer.

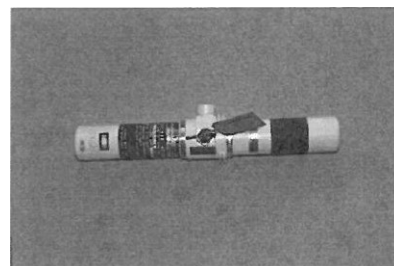
5. 84 2 (Vernier)

1377-01-199-8315 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
TACS9DOO I-003A <sup>3</sup>	109	16	0	16	April 2002
C89D00 I-004A3	64	10	1	11	April 200?
TAC90MOOI-005A	213	13	54	67	December 2003
TAC93LOOI-006A	107		70	71	November 2006
TAC95JOOI-007A	86	1	78	79	September 2008
TAC96HOO I-001 A	286	8	172	180	August 2009
TACOOKOO I-008	96		0		October 2013
TACOIGOOI-009				0	July 2014

## IHSP 02-472

Rocket Motor Mk Mod

a. NSN:

b. DODIC:

Total installed:	49	375	
Grand total installed:			424

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 are scheduled to expire within the next six months:

TAC89DOOI-003A	April 2002
TAC89D001-004A	April 2002
4. 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.



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 Rocket Motor Mk Mod
 

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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	129	129	September 2003
UPC97D002-015	100	76	76	April 2004
ESD99M001-0015	121	15	15	December 2006
ESD99M001-0015	121	0		December 2006
Total installed:		220		
Grand total installed:			220	

ILS Notes:

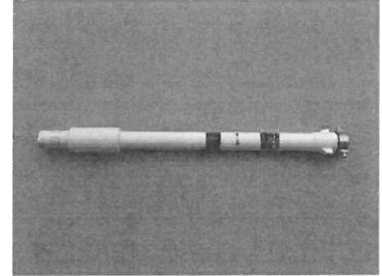
1. Quantity per lot reported installed in CAD/PAD Traceability System (CATS).
  2. No lots have expired since the last publication of this report.
  3. The next lot scheduled to expire does not expire until September 2003.
  4. We have not received any Mk 85 Mod 0 (M932) conventional ordnance deficiencies or Els on the S-3 aircraft since the last publication of this report.
  5. We have qualified Pacific Scientific (ESD) 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: 120 months (10 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
IH-95C001-015	144	133	133	March 2005
IH-96KOO 1-016	56	52	52	October 2006
IH-96KOO 1-017	27	1		October 2006
IH-99F002-018	46	2	2	June 2008
IH-OOC002-019	31	4	4	March 2010
Total installed:		192		
Grand total installed:			192	

ILS Notes:

- 1. Quantity per lot reported installed in CAD/PAD Traceability System (CATS).
- 2. We have increased the service life for the Mk 18 Mod 0 (M941) Rocket Catapult from 96 months (8 years) to 120 months (10 years).
- 3. No lots have expired since the last publication of this report.
- 4. The next lot scheduled to expire does not expire until March 2003.
- 5. 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.

IF-ISP

## 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	Total		Service life expiration date
		T-45A	T-45C	
MBA93F002-0094	142	2	0	June 2002
U PC94C003-004 <sup>4</sup>	229		3	March 2003
MBA95F003-010	200	11	4	June 2002
MBA 96003-013	49		12	March 2003
UPC97H003-005	192	35	26	August 2004
MBA98J004-014	300	48	33	September 2005
MBA99J004-016	206	13	3	September 2006
MBA01A004-017	257	8	3	June 2008
Total installed:		141	84	
Grand total installed:				225

## 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 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:

last publication of this report.

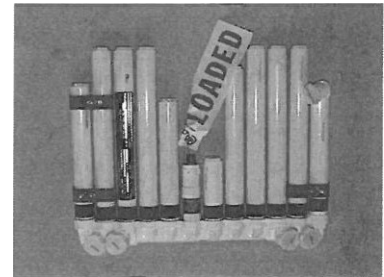
IHSP 02-472

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

2. Underseat Rocket Motor Mk 123 Mod O

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



Lot No.	Lot quantity	T-45A	T-45C	Total units installed	Service life expiration date
MBA89F001-003	31			0	June 2004
MBA89F001-005	16		0	0	June 2004
MBA90HOO 1-006	35	3	0	3	August 2005
MBA90HOO1-007	6		0		August 2005
MBA90K001-008	50	5	0	5	October 2005
UPC90LOOI HOO 1B	17	2		2	November 2005
MBA91JOO1-009	14	.1	0		September 2006
UPC91K001 H002A			0	1	October 2006
MBA92COO1-010	10	6		6	March 2007
UPC93E002H005	27	2	0	2	May 2008
MBA93F002-O 11	52	28	4	32	June 2008
UPC94B003H006	80	17	4	21	February 2009
MBA95C003-012	236	6	7	13	March 2010
MBA96C003-013	71	0	7	7	March 2011
MBA97G003-014	33	0			July 2012
MBA98J003-017	33		8	8	September 2013
MBA99H003-019	53	0	1		September 2014
MBA01A003-020	47				January 2016

last publication of this report.

Total installed: 72 42  
 Grand total 1 14

ILS Notes:

1. Quantity per lot reported installed in CAD/PAD Traceability System (CATS).
  2. No lots have expired since the last publication of this report.
  3. The next lots scheduled to expire do not expire until June 2002.
  4. We have increased the service life of the Mk 123 Mod 0 (MT30) Underseat Rocket Motor from 156 months (13 years) to 180 months (15 years). We issued this increase in IRAC 18, Naval message DTG 111036Z sept 01.
  5. We have not received any Mk 123 Mod 0 (MT30) conventional ordnance deficiencies or Els on the T-45 aircraft since the
3. Underseat Rocket Motor Mk 124 Mod 0

- a. NSN: 1377-01-246-5281
- b. DODIC: MT31
- c. Service life: 180 months (15 years)
- d. Rocket motor WUC: 97D48
- e. One per aircraft (Aft seat).



Lot No.	Lot quantity	T-45A	T-45C	Total units installed	Service life expiration date
MBA89F001-004	57	0			June 2004
MBA89F001-005	7				September 2004
MBA90H001-006	68	3		3	August 2005
MBA90HOO 1-007	36	0	0	0	August 2005
MBA90KOO 1-008	91	4		4	October 2005
UPC90L001HOOIB	36	1			November 2005
MBA91J001-009	34	4		4	September 2006
UPC91 KOO 1 H002A	29	2	0	2	October 2006
UPC91K001H003	6			0	October 2006

MBA92COO 1-010	27	6		6	March 2007
UPC93D002H004	62	3	0	3	April 2008
MBA93F002-011	104	20		20	June 2008
UPC94C003H005	142	19	7	26	March 2009
MBA95C003-012	165	3	4	7	March 2010
MBA96C003-013	71	1	7	8	March 2011
MBA97G003-014	70	5	11	16	July 2012
MBA98J003-017	66	0	14	14	September 2013
MBA99H003-019				1	August 2014
MBAO IA003-020	76	0	0		January 2016
Total installed:		71	44		
Grand total installed:				115	

## 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 increased the service life of the Mk 124 Mod 0 (MT31) Underseat Rocket Motor from 156 months (13 years) to 180 months (15 years). We issued this increase in IRAC 18, Naval message DTG 111036Z sept 01.
5. We have not received any Mk 123 Mod 0 (MT30) conventional ordnance deficiencies or Els on the T-45 aircraft since the

## 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 I I-100-1. I-CD at the time this report was printed; NAVAIR I I-100-1. I-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.

last publication of this report.

Table I. Service Life Listing<sup>a</sup>

Device	Service life (mo)	Operating range
Rocket Catapult		
Mk 12 Mod 1120—40 to Mk 16 Mod 1156—40 to 160 Mk 18 Mod O120—40 to	165 165 CKU-	7A120—40 to 160
Man/Seat Separators		
Mk 82 Mod O192—40 to Mk 82 Mod 184—40 to Mk 90 Mod O192—40 to	160 160 160 Mk 90	Mod 184—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
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
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 74/75 Mod O240—40 to 160	to 160 Mk	74175 Mod 1240—
Mk 86/87/88 Mod O240-40 to 160	to 160 Mk	86/87/88 Mod 1240-40
Mk 92 Mod 1192-40 to	160	
Mk 100 Mod O204—40 to	160	
Mk 101 Mod O204—40 to	160	
Mk 123 Mod O180-65 to	165 Mk 124	Mod O180-65 to
	165	
Canopy Remover Rocket Motor		
Mk 109 Mod 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

<sup>a</sup>

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

Table II. Propellant-Actuated Devices Summary

[As of 30 January 2002]

	DODIC	Propellant	Explosive weight (lb)	Manufacturer	Part number	Specification	Aircraft	Aircraft manufacturer
Rocket Catapults (Navy)								
Mk 12 Mod	MC77	Corp.			1CTpB5.00Indian	HeadNAVAIR	OV-10A	709ASIOO MIL-DTL-85097/9A(AS)Rockwell
International	MD72				PIN 31276		S-3A, TA-4J	
Mk 16 Mod	M941				1CTPB7.00Indian	HeadNAVAR	T-2	736AS300MIL-DTL-85097/1B
California Corp.							UPCO(1000-6)McDonnell Douglas	
Mk 18 Mod OCTPB5.00Indian HeadNAVAR 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	5E F_5F T-38	Northrup Corp.
Rocket Motors								

Mk74 Mod						MIL-A-85097/8B(AS)		
						MIL-A-85097/8B(AS)		
						MIL-A-85097/8/B(AS)		
						MIL-A-85097/8B(AS)		
						MIL-A-85097/3C(AS)		
						MIL-A-85097/3C(AS)		
						MIL-DTL-85097/5B(OS)		
						MIL-DTL-85097/6A (AS)	S-3B	
						MIL-DTL-85097/7D(OS)		
						MIL-DTL-85097/6A(AS)		
						MIL-A-85097/8B(AS)		
						MIL-A-85097/8B(AS)		
						MIL-A-85097/8B(AS)		
						MIL-A-85097/8B(AS)		
Baker	NAVAIR 4904093	F_14A	Grumman Aerospace Corp.	OM572	Double Base		6.40	Martin-
(Pilot)	UPCO(MB-300-1205)							
							F_14 B	
Mk 74 Mod 1M572	Double Base	6.40	Indian Head	759AS130				F_14AB
(Pilot)								Grumman Aerospace Corp.
Mk 75 Mod OM573	Double Base	6.40	Martin-Baker	NAVAR 4904094				F_14NB
(NFO)	UPCO(MB-300-1206)							Grumman Aerospace Corp.
Mk 75 Mod 1M573	Double Base	6.40	Indian Head	759AS140				F_14
(NEO)								Grumman Aerospace Corp.
Mk 79 Mod 1 (SBR)	MF21CTPB	2.70	Indian Head	NAVAR 672AS200				AV-8B
	CTPB	Talley		PIN 50579-5				McDonnell
					TAV-8B			NAV-8B
Mk 79 Mod 2 (SBR)	MF21HTPB	2.70	Indian Head	NAVAIR 672AS200				AV-8B
	HTPB	Talley		PIN 50579-7				McDonnell
					TAV-8B			NAV-8B

Mk 82 Mod OM928CTPB0.60UPCONAVAIR 944ASIOO  
 (Man/Seat1033-2 (UPC)  
 Separator, Left)A\_4F/M,

s-3B,Lockheed California Corp.  
 ES-3AMcDonnell Douglas

TA-4J

Mk 83 Mod OM929CTPB0.05UPCONAVAR 946ASIOOLockheed California Corp.  
 (Low Yaw Thruster)Pacific1105-1 (UPC)

ES-3A

Scientific

Mk 84 Mod 2 MF57 CTPB 1.12 Talley NAVAR 503AS200  
 (Vernier Rocket)UPCO(50436-9) ES-3A (1340-2)

s-3B Lockheed California Corp.

Mk 85 Mod OM932CTPB0.10UPCONAVAIR 989ASIOO  
 (High Yaw Thruster)Pacific1136-1 (UPC)

SOBLockheed California Corp.

ES-3A Scientific

Mk 86 Mod OM938Double Base6.40Martin-BakerNAVAIR 4904171 EA-6BGrumman Aerospace Corp. (Pilot'ECMO-3)UPCO(MB-200-610)

Mk 86 Mod 1M938Double Base6.40Indian Head759AS170  
 (PiloVECMO-3)

EA-6BGrumman Aerospace Corp.

Mk 87 Mod OM939Double Base6.40Martin-BakerNAVAIR 4904172  
 (ECMO-I)UPCO(MB-200-612)

EA-6BGrumman Aerospace Corp.

Mk 87 Mod 1M939Double Base6.40Indian Head759AS180  
 (ECMO-I)

EA-6BGrumman Aerospace Corp.

Table II—Continued  
 [As of 30 January 2002]

	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	Martin-Baker UPCO		MIL-A-85097/8B(AS)	EA-6B	
Mk 88 Mod 1 (ECMO-2)	M940		6.40	Indian Head	NAVAR 4904173 (MB-200-614)	MIL-A-85097/8B(AS)	EA-6B	Grumman Aerospace Corp
Mk 90 Mod O (Man/Seat Separator, Right)	MC51	Double Base	0.60	UPCO	759190	MIL-DTL-85097/5B(OS)	S-3B ES-3A	Grumman Aerospace Corp
Mk 90 Mod 1	MU75	CTPB	0.60	Indian Head	NAVAR 970ASIOO 1033-3 (UPC)	MIL-DTL-85097/5B(OS)	s-3B ES-3A	Lockheed California Corp.
Mk 92 Mod 1	M933		6.20	Indian Head	NAVAR 970AS201	MIL-A-85097/8BAS)	QF-4N	Lockheed California Corp.
Mk 100 Mod O	MD68	CTPB	6.60	Martin-Baker		MIL-A-85097/8B	FA.18A F 188	McDonnell Douglas
		Double Base			NAVAIR 1175ASIOO			McDonnell Douglas
Mk 101 Mod O	MD69	Double Base	6.60	Martin-Baker	MBEU-69025-2 NAVAR 1176AS200	MIL-A-85097,'8B	FA-18B FA- 180	McDonnell Douglas
Mk 109 Mod O	MF56	Double Base	1.0	Indian Head Talley UPCO	MBEU-69028-2 NAVAR 1176AS300	MIL-DTL-85097/13C (OS)	FA- 18A FA- 18B	McDonnell Douglas
		CTPB			PIN-50656-5 NAVAR 1507ASIOO			McDonnell Douglas (Boeing)
Mk 109 Mod 1	SS67		1.0	Indian Head UPCO		MI-DTL-85097/13A(OS)	FA- 18C FA- 18D FA- 18E 18F	McDonnell Douglas (Boeing)
		HTPB			1507AS201			
Mk 113 Mod 0/1	MG67		0288			MIL-DTL-85097/11 D(OS)		
				UPCO			F 18A	
Mk 121 ModO (Divergence)	MT28	CTPB	0.22	Talley	NAVAR 673AS200 PIN 50885-1	MIL-A-85097/15	FA- 18B FA-18C F 18D F 18E	Hawker-Siddeley/ McDonnell Douglas
Mk 122 Mod O	MT29	CTPB	0.5	Pacific Scientific	PIN 1163-3 (UPC) NAVAR 673AS300	MIL-A-85097/16	FA- 18F	McDonnell Douglas
		Double Base		Martin-Baker UPCO	2-102370-2 (Pac sci) MBE-u-146190		AV-8B TAV-8B TAV-8B	McDonnell Douglas
Mk 123 Mod O	MT30		6.8			MIL-A-85097/17		British Aerospace/ McDonnell Douglas
		Double Base		Martin-Baker UPCO	MBEU-142801		FA- 18C	Grumman Aerospace Corp.
Mk 124 Mod O	MT31		6.8			MIL-A-85097/17	F 180 , FA- 18E FA-18F	McDonnell Douglas
		Double Base		Martin-Baker UPCO	MBEU-142802		T-45 A T-45C	Grumman Aerospace Corp.
Mk 205 Mod 1/2	XW36		0.25			MIL-DTL-85097,'2E	FA- 180 FA- 18F	British Aerospace/ McDonnell Douglas
		CTPB		Talley	NAVAIR 772AS400 PIN 5913-5		T-45A T-45C F_14D	Grumman Aerospace Corp.
		HTPB					F 18C	Hawker-Siddeley/ McDonnell Douglas

							FA-18D F 18E F 18F T-45 A T-45C F_14D AV-8B TAV-8B	
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Table III. Total Installed Assets

[As of 30 January 2002]

PAD Device	DODIC	Aircraft	Quantity installed (ea)	Total quantity installed (ea)
		ov-10	6	6
Mk 12 Mod 1	MC77		14	62
Mk 16 Mod 1	MD72	S-3B	432	432
				521
		TQC	192	192
Mk 18 Mod O	M941	F_14A	45	
Mk 74 Mod O	M572	F_14B	63	
		NF-14A	2	111
		NF-14B	1	
Mk 74 Mod 1	M572	F_14A	9	
		F_14B	4	13
		NF_14A		124
		NF-14B		
Mk 75 Mod O	M573	F_14A	51	
		F_14B	58	112
		NF_14A	2	
Mk 75 Mod 1	M573	NF_14B	1	
		F_14A	4	11
		F_14B	7	123
		NF-14A		
		NF-14B		35
Mk 82 Mod O	M928			199
		TA4J	35	234
MK 82 Mod 1	MU76	S-3B	199	8
				242
Mk 83 Mod O	M929	TA-4J	8	216
		S-3B		
Mk 85 Mod O	M932			220
Mk 92 Mod 1	M933	S-3B	216	
		S-3B	220	
		QF-4N QF-4S	6	35
Mk 86 Mod O	M938		29	199
Mk 86 Mod 1	M938			42
		EA-6B EA-6B	199	241
Mk 87 Mod O	M939		42	115
Mk 87 Mod 1	M939			6
		EA-6B	115	121
Mk 88 Mod O	M940	EA-6B	6	94
Mk 88 Mod 1	M940			28
		EA-6B		

Table III—Continued  
[As of 30 January 2002]

		EA-6B	94 28	122
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Table III—Continued



[As of 30 January 2002]

PAD Device	DODIC	Aircraft	Quantity installed	Total quantity installed (ea)
Mk 90 Mod O	MC51	S-3B		
Mk 90 Mod 1	MU75	S-3B		
	MC51/MU75		105	
Mk 100 Mod O	MD68	FA-18A	115	105
		FA-18B		115
		FA- 18C	217	220
		FA- 18 D	29	
			157	
Mk 101 Mod O	MD69	FA- 18B	51	
		FA- 18D		454
Mk 79 Mod 1	MF21	AV-8B	30	
		NAV-8B	52	
		TAV-8B		82
			159	
Mk 109 Mod O	MF56	FA-18A	42	
Non-NACES		FA- 18B		201
		FA- 18 C		
Mk 109 Mod 1	SS67	FA-18 D	260	
Non-NACES		18A	44	
		FA- 18B	211	
		F 18C	71	586
		FA-18D	64	
MK 109 Mod O	MF56		12	
NACES		FA-18C	57	166
		FA- 18D	33	752
Mk 109 Mod 1	SS67	FA-		
NACES		18E	506	
		FA-	158	
		18F	38	740
		FA-	38	
		18C	21	
Mk 84 Mod 2	MF57	FA-	26	47
		18D		787
		FA-		1,539
		18E		
		FA-18F		
			375	424
		S-3B	49	
		Repaired		
		Not-Repaired		

Table III—Continued  
[As of 30 January 2002]

PAD Device	DODIC	Aircraft	Quantity installed (ea)	Total quantity installed (ea)
Mk 113 Mod 0/1	MG67	AV-8B NAV-8B TAV-8B	95 10	
CKU-7A	MS15	F_5E F_5F T-38A	29 6 18	105
Mk 121 Mod O	MT28	TAV-8B	29	53
Mk 122 Mod O	MT29	F_14D NF-14D FA-18C FA-180 F 18E FA-18F T-45A	89 8 244 183 21 39 141 84	29 97 487 225 809
Mk 123 Mod O	MT30	F_14D NF-14D	45 3 91	48 110
Mk 124 Mod O	MT31	FA-18F T-45A T-45C	19 72 42	114 274
Mk 205 Mod 1	XW36	F_14D NF_14D FA-18C FA-18D FA-18E FA-18F T-45A	45 3 249 91 22 18	48 380 115 543
Mk 205 Mod 2	XW36	T-45C AV-8B NAV-8B TAV-8B AV-8B NAV-8B TAV-8B	71 98 27 31	126 31 157

Table IV. Total Reported Installed By Lot Number

[As of 30 January 2002]

DODIC	Model	Lot No.	Lot Quantity	Quantity Installed	Total installed	Expiration date	Aircraft type(s)	
MC77	Mk 12 Mod 1		10	6		October 2006		
		IH-96K001-007	14	0		March 2010		
MD72	Mk 16 Mod 1	IH-OOC002-009			6	July 2002	ov-10	
		UPC89G003-021	20	0		July 2002		
		UPC89G003-022	268	98		October 2002		
		UPC89K003-023	234	85		December		
		UPC89M003-025	161	41		2002		
		UPC90B003-026	279	104		February 2003		
		UPC90C003-027	279	35		March 2003		
		UPC90H003-028	69	6		August 2003		
		UPC93B004-031	14	6		February 2006		
		UPC97B001-032	7	48		February 2010		
M941	Mk 18 Mod O	UPC99J001-034	173			September		
		UPC99L001-035	183			2012		
		IH-95C001-015	144	52		November		
		IH-96K001-016	56	1		2012		
M572	Mk 74 Mod O	IH-96K001-017	27	2	494	March 2005	TA-4J/S-3B	
		IH-99F002-018	46	4		October 2006		
		IH-OOC002-019	31			October 2006		
		MBA82B001-007	30	9		June 2008		
		MBA82B001-008	60	6		March 2010		
M572	Mk 74 Mod 1	MBA83A001-011	30	9	192	February 2002	TQC	
		MBA84B001-013	24	11		February 2002		
		MBA85E001-015	18	9		January 2003		
		MBA85E001-017	18	15		February 2004		
		MBA85H001-018	18	32		February 2004		
		UPC86J001-	126	7		May 2005		
		001A]B	25	10		May 2005		
M573	Mk 75 Mod O	MBA88B001-024	15	3		August 2005		
		MBA88H001-026	6	13		August 2006		
		IH-94L002-003A	23			February 2008		
		IH-94L002-004	15			August 2008		
				10		November		
M573	Mk 75 Mod 1	MBA82B001-007	30	8	13	2014	F-14A/F-14B/NF-14A	
		MBA82B001-008	60	13		124		November
		MBA83A001-011	30	7		2014		
		MBA84B001-013	24	12		February 2002		
		MBA85E001-015	18	16		February 2002		
		MBA85E001-017	18	33		January 2003		
		MBA85H001-018	18	3		February 2004		
		UPC86J001-001A/B	134	3		February 2004		
		MBA88B001-024	25	8		May 2005		
		MBA88H001-026	15	2		May 2005		
		IH-94L002-003A	5	11		August 2005		
		IH-94L002-004	22			August 2006		
			12			February 2008		

Table III—Continued  
 [As of 30 January 2002]

						August 2008 November 2014 November 2014	
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DODIC	Model	Lot No.	Lot Quantity	Quantity Installed	Total installed	Expired date	Aircraft type
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M928	Mk 82 Mod O	UPC86K001-017	279	60		October 2002	
		UPC93B001-021	391	162		February 2009	
MU76	Mk 82 Mod 1	UPC94C001-022	25	12		March 2010	
		UPC99F001-003A	10	6		June 2006	
		UPCOOE001-004	90	2		May 2007	
M929	Mk 83 Mod O	IHMOOB002-006	14			February 2008	
		UPC95E002-013		92		May 2002	
		UPC97J002-014R	146	67	234	September 2004	
		ESDOOB001-001	84	48		February 2007	
		ESDOOH001-002	96	9		August 2007	
M932	Mk 85 Mod O		119		8		
		UPC96J002-014		129	242	September 2003	TA-4J/S-3B
		UPC97D002-015	176	76		April 2004	
M933	Mk 92 Mod 1	ESD99M001-001	100	0		December 2006	
			121		216		
M938	Mk 86 Mod O	IH-88J001-005		35		September 2003	S-3B
			306				
		MBA82B001-007		4		February 2002	
		MBA82B001-008	12	17	220	February 2002	
		MBA83A001-011	46	14		January 2003	S-3B
		MBA84B001-013	14	6	35	February 2004	
		MBA85E001-015	12	11		May 2005	QF-4N/QF-4S
		MBA85E001-017	16	20		May 2005	
		MBA85H001-018	24	32		August 2005	
		MBA86J001-021	32	18		September 2006	
		UPC86J001-001AJB	24	19		September 2006	
		MBA86J001H020	37	27		September 2006	
M939	Mk 87 Mod O	MBA88B001 H023		0		February 2008	
		MBA88E001-027	7			May 2008	
		MBA89F001-030 IH-	24	14		June 2009	
		94L002-003A	24	17		November 2014	
			79	42	200		
		MBA82B001-007			42	February 2002	
		MBA82B001-008	6	2	242	February 2002	EA-6B
		MBA83A001-011	27	13		January 2003	
		MBA84B001-013	6	5		February 2004	
		MBA85E001-015	6	3		May 2005	
		MBA85E001-017	8	5		May 2005	
		MBA85H001-018	12	9		August 2005	
		MBA86J001H020	25	20		September 2006	
		MBA86J001-021	24	18		September 2006	
		UPC86J001-001 AB	12	11		September 2006	
		MBA88B001 H023	25	7		February 2008	
		MBA88E001-025	5	5		May 2008	
		MBA88E001-028	11	7		May 2008	
		MBA88H001H029	10	5		August 2008	
		MBA88E001-030	3	7	115	May 2008	
		MBA89F001-031 IH-			6	June 2009	
		94L002-003A	12	9	121	November 2014	EA-6B
				6			

Table III—Continued  
[As of 30 January 2002]

			26			

IV—Continued  
30 January 2002]Table  
[As of

DODIC	Model	Lot No.	Lot Quantity	Quantity Installed	Total installed	Expired date	Aircraft type
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Table III—Continued  
[As of 30 January 2002]

M940	Mk 88 Mod O	MBA81A001-006	7			January 2002	
		MBA82B001-007	6			February 2002	
		MBA82B001-008		4		February 2002	
		MBA83A001-011	27	2		January 2003	
		MBA84B001-013	7	14		February 2004	
		MBA85E001-015	6	6		May 2005	
		MBA85E001-017	8	3		May 2005	
		MBA85H001-018				August 2005	
		MBA86J001-021	12	5		September	
		MBA88E001-025	31	9		2006	
		MBA88B001023	13	14		May 2008	
		MBA88E001-027	11	10		February 2008	
		MBA89F001-030	6	11		May 2008	
		IH-94L002-003A	12	1		June 2009	
		IH-94L002-004					
		MCS1 MIJ75	Mk 90 Mod O		24	10	
Mk 90 Mod 1			49	28		2014	
MD68	Mk 100 Mod O	UPC86J001-004	25			November	
		IH-96D001-004 IH-99H001-005 tH-OOB001-006	180	105	94		
			175	115	28	September	
			106		0	2001 April	
			110		122	2002	EA-6B
						April 2002	
						February 2008	
			66	19	105		
			24	10			
			27	17		August 2002	
			57	28	115	August 2002	S-3B
			47	19	220	October 2002	
			30	9		July 2003	
			56	18		July 2003	
			29	14		July 2003	
			18	6		September	
MD69	Mk 101 Mod O	MBA88B001-026	7	3		2003	
		MBA88G001-027	21	10		December	
		MBA88B001-028	15	7		2003	
		MBA88G001-029	23	21		September	
		MBA88G001-031	5	1		2003	
		MBA89A001-033	11	3		September 2003	
		MBA89B001-032	55	44		October 2004	
		MBA89F001-034	16	3		October 2004	
		MBA91B001-038	128	73		February 2005	
		MBA93C002-040	66	62		July 2005	
		MBA94C003-041	8	6		February 2005	
		MBA96L003-047	66	46		July 2005	
		MBA99M003-050	8	6		July 2005	
			66	46		January 2006	
			182	29		February 2006	
						June 2006	
				February 2008			
	MBA85H001-009	47	2	454	March 2010	FA-18A/B/C/D	
	MBA85K001-011						



Table IV—Continued

[As of 30 January 2002]

MBA86G001-012	19	4	March 2011
MBA86G001-013			November
MBA86J001-020			2014
MBA86M001-017			December
MBA87K001-024	11	1	2016
MBA87K001-025	55	3	
	2	4	August 2002
	11	7	October 2002
	8	4	July 2003
	7	2	July 2003
	2	2	September
	3		2003
			December
			2003 October
			2004 October
			2004

Table III—Continued  
[As of 30 January 2002]

DODIC	Model	Lot No.	Lot Quantity	Quantity Installed		Total installed	Expired date	Aircraft type	
MD69	Mk 101 Mod O	MBA88B001-026	7	6		82	February 2005	FA- 18B/D	
		MBA88G001-029	8	6			July 2005		
		MBA89A001-033	25	6			January 2006		
		MBA89B001-032	30	17			February 2006		
		MBA91B001-038	57	11			February 2008		
		MBA93C002-040	23	5			March 2010		
		MBA94C003-041	33	7			March 2011		
		MBA96L003-047	47				November 2014		
MF21	Mk 79 Mod 1	TAC92H001-055				22		AV-8B/TAV-8B	
		TAC93L001-056	88	2			August 2003		
		TAC97D001-001	18	78		179	November 2004		
		TAC97J002-001	135	77		282	April 2008		
		IH-98A003-002	171	20			September 2008		
		TAC99H002-002	110	24			January 2009		
		IH-99M002-003	261	0			August 2010		
		TACOOL002-003	50	0		21	December 2010		
		TAC01E002-004	30	0		22	November 2011		
		TACOOE002-005	50	0		20	May 2012		
MF56	Mk 109 Mod O		16			172	May 2012		
						30			
				NACES	Non-	29			
				NACES		30			
			UPC90B001-023					February 2002	
			UPC90D001-024	48	15	6		April 2002	
			UPC90F001-025	37	21	1		June 2002	
			UPC90K001-026	39	19	1		October 2002	
			UPC90J001-027	244	3	169		September 2002	
			UPC90M001-028	47	30	0		December 2002	
			UPC91B001-029	47	29	0		February 2002	
			UPC91E001-030	46	30	0		May 2002	
			UPC91G001-031	90				July 2002	
			UPC91J001-032	43	28	1		September 2002	
			UPC92B001-033	49	28	0		February 2003	
			UPC92D001-034	49	23	0		April 2003	
			UPC92G001-035	46	29	0		July 2003	
			UPC92G001-036	48	24	0		July 2003	
			UPC92K001-038	45	10	254		July 2003	
			UPC93A001-039	343	36	0		October 2003	
			UPC93C001-041	49	21	0		January 2004	
			UPC93J001-042	35	32	0		March 2004	
			TAC94A002-001 A	48	25	0		September 2004	
			UPC94D001-043	25	2	0		January 2005	
			UPC95D001-044	15	55	0		April 2005	
			UPC95G001-045	60	28	0		July 2006	
			UPC95H001-046	29	27	0		July 2006	
			UPC95L001-047	27	23			August 2006	
			UPC96B001-048	27				November 2006	

Table IV—Continued

[As of 30 January 2002]

	UPC96C001-049	25	20			February 2007
	UPC96G001-050	20		46		March 2007
	UPC96E001-051	48	5			March 2007
	UPC97B001-053	6	14	108		May 2007
	UPC97G001-054	195	18			February 2008
	UPC97G001-055	18	18			July 2008
		18	16			July 2008
		16	6			
		6				

IF-ISP

Table III—Continued  
[As of 30 January 2002]

DODIC	Model	Lot No.	Lot Quantity	Quantity Installed	Total Installed	Expired date	Aircraft type
MF56			54	NACES Non-NACES	54		FA-18A/B/C/D/E/F
SS67	Mk 109 Mod 0	UPC98B001-056	51	54	51		
		UPC99B001-057	57	51	45	February 2009	
	Mk 109 Mod 1	IH-98D001-001	250	4	41	February 2010	
		TAC99D001-002	273	30	106	April 2009	
		TACOOA00i-003	109	13	19	April 2010	
		TAC01H001-005	60			January 2011	
MF57		AC01K001-006				August 2012	
				787	752	October 2012	SOB
		TAC89D001-003A	109				
		TAC89D001-004A	64	16		April 2002	
		TAC90M001-005A	213	11		April 2002	
		AC93L001-006A	107	67		December 2003	AV-8B/TAV-8B
		AC95J001-007A	86	71		November 2006	
		AC96H001-001A	286	79	424		
MG67	Mk 84 Mod 2	ACOOK001-008	96	180		September 2008	
		AC01G001-009	96		98		
MG67					7	August 2009	
		UPC99D001-001	237	98	105	October 2013	F-5E/F/T-38A
MS15		UPCOOG001-002	32			July 2014	
		AC98M003-001	64	7			
		ACOOJ004-003	30			April 2007	AV-8B/NAV-8B/TAV8B
						July 2008	
MT28		IH-95E001-046	8	7		December 2006	
		IH-96H001-048	5	3		July 2008	
		IH-99F001-049	21	21			
		IHMOOC001-051	46	18	29		
		IHMOOE001-052	22	4		May 2005	
MT29						August 2006	
		UPC95H001-019		29		June 2009	F-14D/FA-18C,E,F, T-45A,C
		ESDOOA00I-001	33			March 2010	
			86			May 2010	
	Mk 113 Mod 0	MBA93F002-009		17		August 2002	
		UPC94C003-004	142	105	810	January 2007	
		MBA95F003-010	229	118			
		MBA96C003-013	200	37			
MT30		UPC97H003-005	49	183		June 2002	
	Mk 113 Mod 1	MBA98J004-014	192	239		March 2003	
		MBA99J004-016	300	88		June 2002	
		MBA01F004-017	206	23		March 2003	
	KU-7/A		257			August 2004	
		MBA89F001-003		4		September 2005	
		MBA89F001-005	31				
		MBA90H001-006	16	27		September 2006	
		MBA90H001-007	35	1			

Table IV—Continued

[As of 30 January 2002]

	MBA90K001-008	6	30	June 2008
	JPC90L001H001B	50	5	
	MBA91J001-009	17	13	June 2004
	JPC91K001H002A	14	3	June 2004
	MBA92C001-010	14	6	August 2004
	JPC93E002H005	10	3	August 2004
Mk 121 Mod O	MBA93F002-011	27	52	October 2004
		52		November 2005
				September 2006
				October 2006
Mk 122 Mod O				March 2007
				May 2008
				June 2008
Mk 123 Mod O				

Table III—Continued  
[As of 30 January 2002]

DODIC	Model	Lot No.	Lot Quantity	Quantity Installed	Total Installed	Expired date	Aircraft type
MT30	Mk 123 Mod O	UPC94B003H006	80	37		February 2009	
		MBA95C003-012	236	24		March 2010	
		MBA96C003-013	71	13		March 2011	
		MBA97G003-014	33	28		July 2012	
		MBA98J003-017	33	21		September	
		MBA99H003-019	53	4		2013	
		MBAOI A003-020	47			August 2014	
MT31	Mk 124 Mod O	MBA89F001-004		6	272	January 2016	F-14D/F-18C,D,E,F T-45A, C
		MBA89F001-005	57			September	
		MBA90H001-006	7	39		2004	
		MBA90H001-007	68	15		September	
		MBA90K001-008	36			2004	
		UPC90L001H001B	91	6		August	
		MBA91J001-009	36	24		2005	
		UPC91K001H002A	34	9		August 2005	
		UPC91K001H003	29	13		October 2005	
		MBA92C001-010	6	10		November 2005	
		UPC93D002H004		10		September 2005	
		MBA93F002-011	62	98		October 2006	
		UPC94B003H005	104	62		October 2006	
		MBA95C003-012	142	99		March 2007	
		MBA96C003-013	165	20		April 2008	
		MBA97G003-014	71	52		June 2008	
		XW36	Mk 205 Mod 1	MBA98J003-017		70	
MBA99H003-019	66			8	March 2010		
MBA01A003-020	84				March 2011		
XW36	Mk 205 Mod 2		76		540	July 2012	F_ 14/F_18/T-45
		TAC95G001-002		54		September	
		TAC95J001-003		38		2013	
		TAC96A001-004	112	33		August 2014	
		TAC98M002-001	69	31		January 2016	
		TAC98M002-002	36			July 2003	
		TAC00B002-003A	77			September 2003	
		TAC01B002-004	50			January 2004	
			60			December 2006	
			126			December	
			2006				
			February				
			2008				
			AV-8B/NAV-8B/TAV-8B				

Table IV—Continued  
[As of 30 January 2002]

						February 2009	
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