ASRAAM Blk 4 Weapon System

ASRAAM Blk 4 _____ Missile Log Book
Missile Serial Number:

**Logbook Serial No.
Issued:**

**Sponsored for use in the
United Kingdom Ministry of Defence
and Armed Forces by Air to Air Missiles Delivery Team (AAM DT)**

Publication Authority: AAM DT

Service users should send their comments through the channel prescribed for the purpose in CAE 4000-MAM-P

Continuation Sheets															
Transport Record – Land	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Transport Record - Air	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Transport Record - Sea	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Standby Life Record	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Maintenance Record	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Deployment Record	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15

Instructions for Use

General

1.   This Logbook is to be raised and issued by the AAM DT.

2.   This Logbook should be used for all ASRAAM Blk4 Missile variants.

3.   All entries in this Logbook are to be made in accordance with these Instructions for Use and the supplementary information contained DAP118B-2301-2(N/R)1, Leaflet 002 Annex A.

4.   All entries are to be made neatly in black ink unless specified otherwise.

5.   The Missile Serial Number is to be entered on any Continuation Pages raised.

6.   Defence Munitions (DM) are requested to complete entries when the missile is on their premises and enter Job Numbers where a SNOW is required.

7.   Missing Logbooks are to be reported to the AAM DT.

8.   The Missile Logbook is to be retained within the ESA and updated from the Missile Daily Flight Return (MDFR) when this is returned from the Flying Squadron.

Data Entry

9.   **ASRAAM Master History Card.** This will be populated when Logbook is created and is to be updated by the End User when Nomenclature, NSN, Software Standard and Lifing Details require change. Management Notes should be entered if instructed/necessary.

10. **Transport History Record Land, Air & Sea.** Any physical movement of the missile is to be recorded here by the receiving unit/work centre, apart from movements to Flying Squadrons, which are to be recorded by the Explosive Storage Area (ESA). The elapsed time or distance consumed is to be recorded under the appropriate columns on the appropriate pages using the required measurement. Road Moves should use the Kilometres (where available) from the matrix contained in the ASRAAM Topic 2(N/R)1, Leaflet 002, Annex A. The cumulative time/distance is not to exceed the Joint Service Munitions Control Register (JSMCR) / ASRAAM Topic 5A1 limits.

11. **Standby Life History Record (Previously known as Exposure Days).** Standby commences when the AURC lid is removed and ceases when the missile is returned to the AURC and lid replaced. It is recorded in whole days; fraction of a day is to be recorded as 1 whole day. A1 and Maritime Standby Life should be recorded at a rate of 1 Day = 2.5 A3 Days. ONLY A3 EQUIVALENT STANDBY LIFE IS TO BE RECORDED IN THIS LOGBOOK.

12. **Maintenance History Record.** Any maintenance carried out by the End User, MBDA or Defence Munitions is to be recorded on this page. This includes Faults (F760s), Inspections, Repairs, Humidity checks and Desiccant changes.

13. **Deployment History Record.** This page is be used to record all flying hours, Mode 4 Take-Offs/Landings and Gunfire.

14. **Firing / Disposal Record.** Following the firing or diposal of a missile, the Firing/Disposal Record is to be completed and the Log Book returned to the AAM DT.

NOTE: APPROVED LIFE. THE APPROVED LIVES FOR ALL LIFING PARAMETERS IS PUBLISHED IN THE JSMCR AND THE ASRAAM MASTER MAINTENANCE SCHEDULE (DAP118B-2301-5A1). WHEN ENTERING CONSUMED LIFE DETAILS IN THE LOGBOOK, THE JSMCR/ASRAAM TOPIC 5A1 IS TO BE CONSULTED TO ENSURE THAT LIFING PARAMETERS ARE NOT EXCEEDED. IF ANY LIFING PARAMETER IS EXCEEDED OR IS CLOSE TO ITS LIMITS, THE AAM DT IS TO BE CONTACTED FOR FURTHER INSTRUCTION.

ASRAAM Master History Card

Missile Variant		**Missile Serial No.**	
MBDA Date of Delivery		**AURC Serial No.**	
Nomenclature			
NATO Stock No.			
Software Standard			
LifeX Date (1)		**LifeX Reference (1)**	
LifeX Date (2)		**LifeX Reference (2)**	
LifeX Date (3)		**LifeX Reference (3)**	

Build History Record

Item	Serial No.	Date		Date	
		Fitted	Removed	Fitted	Removed
Seeker					
Sensor					
Coolant System					
Proximity Fuze Unit					
Electronic Power Unit					
Instrumentation Unit					
Actuation Section					
Analogue Umbilical					
Digital Umbilical					
GHTM Forebody					
ATM/GHTM Rearbody					
ATM/GHTM Front Hangar					
ATM/GHTM Centre Hangar					
ATM/GHTM Rear Hangar					

Explosive Register

Item	Serial No.	Mark	Maker	Fill Date	Lot
Warhead					
Rocket Motor					
Thermal Battery - EPU					
Thermal Battery - IU					
Thermal Battery - AS					
CLS EED					
Charge Linear Cutting					

Management Notes   (Short Missile Serial No.   )

OFFICIAL - SENSITIVE

Transport History Record - Land

Nomenclature				Serial No.				NATO Stock No.					
Sending Location	Date Sent	Receiving Location	Date Received	Road		Rail		Degraded Road		Forklift & Trolley Handling		Lightweight Trailers (Inc S-Type)	
				Km	Cum. Total	Km	Cum. Total	Km	Cum. Total	Km	Cum. Total	Km	Cum. Total
		Total		**Total**		**Total**		**Total**		**Total**			

For Transport Limitations refer to JSMCR / DAP118B-2301-5A1, Master Maintenance Schedule

Transport History Record - Air

Nomenclature				Serial No.				NATO Stock No.			
Sending Location	Date Sent	Receiving Location	Date Received	C17		C-130J		A400M (Ramp Location only)		Helicopter (Underslung Load)	
				hh:mm	Cum. Total	hh:mm	Cum. Total	hh:mm	Cum. Total	hh:mm	Cum. Total
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For Transport Limitations refer to JSMCR / DAP118B-2301-5A1, Master Maintenance Schedule

Transport History Record - Sea

Nomenclature				Serial No.				NATO Stock No.			
Sending Location	Date Sent	Receiving Location	Date Received	RFA/Ro-Ro		QEC		MHU-191		Sea Replenishment	
				Days	Cum. Total	Days	Cum. Total	Counts	Cum. Total	Counts	Cum. Total
			Total		**Total**		**Total**		**Total**		

For Transport Limitations refer to JSMCR / DAP118B-2301-5A1, Master Maintenance Schedule

Stand-By Life History Record

Nomenclature				Serial No.	
	Location	**Date Removed (from AURC)**	**Date Returned (to AURC)**	**Days**	**Cum. Days**
1					
2					
3					
4					
5					
6					
7					
8					
9					
10					
11					
12					
13					
14					
15					
16					
17					
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19					
20					
21					
22					
23					
24					
25					

		NATO Stock No.			
	Location	**Date Removed (from AURC)**	**Date Returned (to AURC)**	**Days**	**Cum. Days**
26					
27					
28					
29					
30					
31					
32					
33					
34					
35					
36					
37					
38					
39					
40					
41					
42					
43					
44					
45					
46					
47					
48					
49					
50					

A3 Standby Life values ONLY to be recorded; A1 and Maritime Standby is to be calculated as 1 Day = 2.5 A3 Days

OFFICIAL - SENSITIVE

Maintenance History Record

Nomenclature		Maintenance Record	Serial No.		NATO Stock No.	
Work Order/Reference Number		**Brief Details of Maintenance**	**Date**	**ACH at Maintenance (hh:mm)**	**Additional Comments**	
				_____:_____		
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Nomenclature			Serial No.		NATO Stock No.	
Work Order/Reference Number		**Brief Details of Maintenance**	**Date**	**ACH at Maintenance (hh:mm)**	**Additional Comments**	
				_____:_____		
				_____:_____		
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Deployment History Record

Nomenclature					Serial No.			NATO Stock No.			ACH Cum.			
Date	Unit/Sqn	Aircraft No.		Sortie Length (hh:mm)	Gunfire		Mode 4 Take-offs		Mode 4 Landings		TOR (hh:mm)	TYP (hh:mm)	JSF (hh:mm)	TOTAL (ATM ONLY) (hh:mm)
		TYP	JSF		Fired	Cum.	No.	Cum.	No.	Cum.				
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Nomenclature				Serial No.			NATO Stock No.					
Date	Unit/Sqn	Aircraft No.		Sortie Length (hh:mm)	Gunfire		Mode 4 Take-offs		Mode 4 Landings		ACH Cum.			
		TYP	JSF		Fired	Cum.	No.	Cum.	No.	Cum.	TOR (hh:mm)	TYP (hh:mm)	JSF (hh:mm)	TOTAL (ATM ONLY) (hh:mm)
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Firing / Disposal Record

Date and Time Fired / Destroyed	
Squadron / Location	
Aircraft Type (Required for Firings only)	
Aircraft Serial Number / Tail Number (Required for Firings only)	
Pylon or Station (Required for Firings only)	
Sortie Number (Required for Firings only)	