Brimstone Missile Logbook

Missile Serial Number: ....

NSN: ....

Variant: ....

Platform Restriction of Use: ....

Register of Logbooks Raised

Serial Number	Unit	Name	Date	Serial Number	Unit	Name	Date
01				05			
02				06			
03				07			
04				08			

Logbook No._____

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Logbook No._____

Section A - Brimstone Particulars

Missile Serial Number	
NATO Stock Number	
Missile Variant	
Container Serial Number	
Datalogger Serial Number	
Software Version	
Seeker Serial Number	
Additional Notes	
Date of Next Level 3 Maintenance	

Section B - Brimstone Lifed Items

Service Life Expiry	Service Life Extension Date	Date Applied	Rank/Grade and Name	Signature

Part Number	Description	Serial Number	Fill Date	Life Expiry
12110018408	Seeker			
12110018221	FWD Warhead			
12110018223	MAIN Warhead			
12100029589	Thermal Battery			
12110015955	Rocket Motor			

Section C - Transport Log

a	b	c	d	e		f		g		h		i		j		k	
Date Issued	Issuing Unit	Date Received	Receiving Unit	C130 Hrs (hh:mm)		C17 Hrs (hh:mm)		A400M Hrs (hh:mm)		Road (Km)		Rail (Km)		Sea (Days)		Chinook Hrs (hh:mm)	
				Elapsed	Cumulative	Elapsed	Cumulative	Elapsed	Cumulative	Elapsed	Cumulative	Elapsed	Cumulative	Elapsed	Cumulative	Elapsed	Cumulative
Total Brought Forward																	
Total Carried Forward																	

Logbook No._____

Section D - Operational Life Log

a	b	c	d	e	f	g
Storage Location	**Date Storage Started**	**Date Storage Ended**	**Operational Life (Days)**			**Climate Category*/Remarks** *A1/B3 accrues 2 days for every day
			Elapsed	**Cumulative**	**Remaining**	
Total Brought Forward						
Total Carried Forward						

Logbook No._____

Section E - Standby Life Log

a	b	c	d	e	f	g
Storage Location	**Date Storage Started**	**Date Storage Ended**	**Standby Life (Days)**			**Climate Category*/Remarks** *A1/B3 accrues 2 days for every day
			Elapsed	**Cumulative**	**Remaining**	
Total Brought Forward						
Total Carried Forward						

Logbook No._____

Section F - Air Carriage Log

a	b	c	d	e	f	g		h	
Date	Aircraft Type	Aircraft Serial No.	Aircraft Station No.	Launcher Serial No.	Rail Number	Total Air Carriage Hrs (hh:mm)		Total Over-Temp Exposure (hh:mm)	
						Elapsed	Cumulative	Elapsed	Cumulative
Total Brought Forward									
Total Carried Forward									

Logbook No._____

Section F - Air Carriage Log (cont)

a	b	c	d	e	f	g		h	
Date	Aircraft Type	Aircraft Serial No.	Aircraft Station No.	Launcher Serial No.	Rail Number	Total Air Carriage Hrs (hh:mm)		Total Over-Temp Exposure (hh:mm)	
						Elapsed	Cumulative	Elapsed	Cumulative
Total Brought Forward									
Total Carried Forward									

Logbook No._____

Section G - Gun Fire

a	b	c	d	e
			Rounds Fired	
Location	**Date**	**Aircraft Serial No.**	**Fired**	**Cumulative**
Total Brought Forward				
Total Carried Forward				

Logbook No._____

Section H - AURC Humidity Indicator Inspection Log

a	b	c	a	b	c	a	b	c
Date	S / U/S	N/A / Replace / Monitor	Date	S / U/S	N/A / Replace / Monitor	Date	S / U/S	N/A / Replace / Monitor

Section I - AURC Datalogger Log

a	b	c	a	b	c
Date of Download	File Name	Date Next Due	Date of Download	File Name	Date Next Due

Logbook No._____

Section J - Brimstone Fault Log

a	b	c	d
Date	F760 Reference Number	Fault Description	F760 Closure Date

Section K - SI(T), Concession, Modification and Maintenance Record (Including Software)

a	b	c	d	e
Date	Location	MWO Ref	SI(T)/Concession	Description of Task

Logbook No._____

Section L - Expenditure Log
Firing Record

Date	
Operation/Exercise	
Aircraft Type	

Disposal Record

Date	
Location	
Disposal Authority	

Firing/Disposal Sign Off

		Unit Stamp
Name		
Rank		
Signature		
Date		

Logbook No._____

Instructions for Use

Brimstone Missile Log - MOD Form 714(Brimstone Missile)

General

1.   This form is to be used to record usage and other details of the Brimstone missile throughout the asset's life as follows:

   a.   This Log is to be raised by MBDA or Defence Munitions on behalf of the Fleet Manager prior to the missile being issued.

   b.   This Log is to be held within the Brimstone All Up Round Container (AURC) document port, during transit only.

   c.   All entries are to be legible and made in black ink.

Raising a Logbook

2.   **Initial Logbook.** The individual raising the initial Logbook is to enter their details against 'Serial No. 01' in the 'Register of Logbooks Raised' and enter **"01"** against the 'Logbook Serial Number' Line. The missile details on this page and all applicable Sections of the form are then to be completed as described in **Paragraphs 3 to 13** inclusive.

3.   **Additional Logbook.** If a Section on the initial or subsequent Logbooks becomes full an additional Logbook is to be raised by the user as follows and the required Sections completed:

   a.   On the new MOD Form 714(Brimstone Missile) enter the sequential 'Logbook Serial Number' and update the 'Register of Logbooks Raised'.

   b.   Update the 'Logbook No.' at the bottom of each page.

   c.   Staple the new MOD Form 714(Brimstone Missile) to the front of the previous MOD Form 714(Brimstone Missile).

   d.   Strikethrough all unused areas of the previous Logbook.

   e.   All totals must be carried forward.

Data Entry

Note: If missile life is found to exceed the limits stated within AP118B-2401/2402-5A1 then the Brimstone Delivery Team (LMAS DT) are to be contacted for further direction.

4.   **Section A - Brimstone Particulars.** Entered by the Originator prior to despatch from depot.

5.   **Section B - Brimstone Lifed Items.** Entered by the Originator prior to despatch from depot. Service Life Extension certified when approved.

6.   **Section C - Transport Log.** Physical movement of the missile between units is to be recorded in this Section. **"N/A"** should be entered in unused boxes. The cumulative totals must not exceed the transport limits stated within the AP118B-2401/2402-5A1/ Joint Service Munitions Control Register (JSMCR).

7.   **Section D - Operational Life Log.** Information regarding the deployed missile storage (outside of optimal conditions) in AURC is to be entered in this Section. The cumulative operational storage time must not exceed the Operational Life limits stated within the AP118B-2401/2402-5A1/DEF-STAN 00-035 Part 4. The Climatic Category (iaw DEF-STAN 00-035 Part 4) is to be entered in **Column (g)**. If in an A1 or B3 climatic category, a penalty exposure of 2 days for every 1 day is to be applied and recorded in **Column (g).**

8.   **Section E - Standby Life Log.** Information regarding periods of time that the missile is removed from the AURC are to be entered in this Section. The cumulative Standby Life must not exceed the Standby Life limits stated within the AP118B-2401/2402-5A1/DEF-STAN 00-035 Part 4. The Climatic Category (iaw DEF-STAN 00-035 Part 4) and a brief description of the conditions the missile was exposed to when removed from the AURC are to be entered in **Column (g),** eg 'uncovered', 'desert conditions'. If in an A1 or B3 Climatic Category, a penalty exposure of 2 days for every 1 day is to be applied and recorded in **Column (g).**

9.   **Section F - Air Carriage Log.** Air carriage details are to be entered daily when missile use is reflected in the Daily Flight Return. Data is to be transposed from the Missile Daily Flight Returns (MOD Form 714B(RAF) or local equivalent). The cumulative totals must not exceed the air carriage and overtemp limits stated within the AP118B-2401/2402- 5A1.

10. **Section G - Gunfire Log.** Gun rounds fired while the missile is carried are to be entered in this Section. The date of firing should correlate to an entry in the Air Carriage Log for completeness of data capture. The gunfire limit must not exceed the limits stated within the AP118B-2401/2402-5A1/JSMCR.

11. **Section H - AURC Humidity Indicator Inspection Log.** Humidity Indicator Inspection should be recorded in this Section. Inspection date to be listed in **Column (a),** serviceability of indicator paper in **Column (b)** and action taken in **Column (c).** Action taken can be **"N/A"** if indicator paper serviceable and **"Replace"** if unserviceable. **"Monitor"** is to be used as required. Any Maintenance task must be recorded in **Section K.**

12. **Section I - Datalogger Log.** 'Date of Download' and 'Next Due Date' are to be completed, along with the 'Download File Name'.

13. **Section J - Brimstone Fault Log.** MOD Form 760 details are to be recorded in this Section.

14. **Section K - SI(T), Concession, Modification and Maintenance Record (Including Software).** Detail of modifications, Maintenance and software upgrades are to be recorded in this Section. Where this changes the missile variant, NSN or ADAC, a new Logbook is to be raised reflecting the resultant changes. All desiccant changes must be recorded in this Section.

15. **Section L - Expenditure Log.** End of life data as a result of either firing or disposal are to be completed in this Section. This Logbook is then to be sent to DE&S DM Beith to enable stock management closedown and data retention completeness. Where the AURC is fitted with a datalogger, a final download of the datalogger should take place and the resultant data file should accompany the Logbook.