

Instructions for Use

Paveway IV (PWIV) (Typhoon): Preparation and Air Carriage History Report - MOD Form 706D(PWIV)(Typhoon)

Paveway IV (PWIV) (Typhoon): ECCG Keep-Alive Battery Change Record - MOD Form 706DA(PWIV)(Typhoon)

MOD Form 706D(PWIV)(Typhoon) - Paveway IV (PWIV) (Typhoon): Preparation and Air Carriage History Report.

1. **General.** The MOD Form 706D(PWIV)(Typhoon) provides a PWIV All Up Round (AUR) record of component details, Air Carriage Hour (ACH) life, Prep and Load Team activity, and a record of AUR release or de-preparation.
2. **Control.** Once raised, the F706D must be controlled by the Explosive Storage Area (ESA) until the related AUR is delivered to the Flying Unit. The F706D should remain under the control of the Weapons Trade Manager (TM) upon receipt at the Flying Unit and is to be retained alongside the Engineering Support Subsystem (ESS) or inserted into and removed from the MOD Form 700C as appropriate after the weapon is loaded to an Aircraft.
3. **Weapon Preparation.** When an AUR is first assembled, the Weapon Prep Team must raise a new F706D and complete Part A and Part C.

Compilation.

4. **Part A - Weapon Details.** The Weapon Prep Team are to compile Part A as follows when first raising the F706D:
 - a. **Unit Monogram & Local AUR Ser No.** Enter the Unit Monogram and a unique Local AUR Serial Number from the ESA master list.
 - b. **Date Prepared.** Enter the date that the AUR components were removed from their environmental protective containers.
 - c. **AUR Build Life-Ex Date.** Enter the Life-Ex date of the AUR as calculated from the Joint Service Munitions Control Register (JSMCR).
 - d. **Sheet Number.** Enter 'ONE'.
 - e. **Weapon Type.** Delete the text as appropriate for the standard of PWIV and enter any additional details in the 'Other' field.
 - f. **Component Details.** Enter details as applicable to the PWIV build standard, completing the 'Asset Type/Mark', 'Maker, Date and Lot Details',

'Makers Serial/Kit Number' and 'Lifed Items' fields. The 'ACH at Weapon Prep' column must be completed using the life taken from the component's RAF Form 6580.

- g. **AUR ACH Life Remaining.** Enter the ACH Life Remaining, as derived from the AUR component with the lowest remaining ACH life and as calculated from the JSMCR.
- h. **PRF Code at Weapon Prep.** Enter the Long Last Pulse Logic (LLPL) or Short Last Pulse Logic (SLPL) Pulse Repetition Frequency (PRF) code that was tested during AUR preparation (refer to **Table 1**).
5. **Part B - Load History.** The Weapon Load Team are to compile Part B as follows:
 - a. **Activity.** Enter 'L' (Loaded), 'F' (Flown), 'O' (Off-loaded), 'S' (Setting change) or 'CF' (Carried Forward), as applicable.
 - b. **Date Time Group (DTG).** Enter the 'Date Time Group' of the activity.
 - c. **Aircraft Serial No.** Enter the Aircraft Serial Number.
 - d. **Pylon Stn. No.** Enter the station number the AUR is loaded to.
 - e. **MWO/Ser No.** Enter the serial number or strike through as applicable.
 - f. **Hours Flown.** Enter hours flown as taken from ESS or the MOD Form 700, or strike through, as applicable.

Note: Where multiple sorties are flown with the AUR loaded to an Aircraft, the Flying Hours of each sortie must be recorded on separate lines in Part B.

 - g. **Cumulative ACHs.** Enter cumulative hours flown by adding the 'Hours Flown' figure to the 'ACH at Weapon Prep' figure in Part A or cumulative figure from the row above, as applicable.
 - h. **PRF Code.** Enter the LLPL or SLPL PRF code manually set on the

guidance section (refer to **Table 1**), or strike through, as applicable.

i. **Name (in Capitals).** The tradesperson entering the data is to enter their name in capitals.

j. **Signature.** The tradesperson entering the data is to sign (refer to MAM-P, Chapter 2.4).

6. **Part C - Certificate of Work.** The Weapon Prep Team is to compile Part C as follows:

a. **Work Required.** Enter the full details of the Work Required.

b. **Work Done.** Enter the full details of the Work Done. Include all the references as applicable (eg AP or Data Module codes and Special Instruction (Technical) references).

c. **Tradesperson 1, 2 & 3.** Each Tradesperson (1st Signature) involved in the work is to sign (refer to MAM-P, Chapter 2.4) and complete the 'Printed Name', 'Time', 'Date', 'Trade Code' and 'Work Hours' fields. Strike through any unused columns in the applicable row.

d. **Supervisor.** The Supervisor (2nd signature) of the work is to sign (refer to MAM-P, Chapter 2.4) and complete the 'Printed Name', 'Time', 'Date', 'Trade Code' and 'Work Hours' fields.

e. **Co-ordinator.** The Co-ordinator (3rd Signature) must certify completion of the work carried out on each row and is to sign (refer to MAM-P, Chapter 2.4) and complete the 'Printed Name', 'Time' and 'Date' fields after the Tradesperson and Supervisor certification has been recorded. The Co-ordinator's certification must be recorded before the AUR is released to the Flying Unit.

f. **Management Aid.** Available for use as required by local management.

g. **Final Co-ordination.** The Final Co-ordination certification is required following weapon release or once the AUR is de-prepped, and is to be completed by ESA personnel, not the Flying Unit. The Co-ordinator is to strike through any unused work lines in Part C, finalise Part A by annotating the 'Date of Weapon Release/De-prep' and 'ACH at Weapon Release/De-prep' columns and transfer this data onto the parent asset RAF Form 6580. The Co-ordinator is to enter the total Work Hours for each Trade Code recorded in the Work Done, then sign (refer to MAM-P, Chapter 2.4) and complete the 'Printed Name', 'Time' and 'Date' fields. The Co-ordinator is to ensure that copies of Part A and Part B of the F706D, inclusive of Continuation Sheets, are sent to the IGMR DT Paveway IV Team and Air & Space Warfare Centre (ASWC) after Final Co-ordination.

7. **Continuation Sheet(s).** If all the lines in Parts B or C are completed, another F706D must be raised as a continuation sheet. The 'Unit Monogram & Local AUR Ser. No.' and 'Weapon Type' details in Part A are to be transferred from the

previous sheet. The 'Sheet Number' field in Part A must be entered with the next consecutive number taken from the Continuation Sheet field on Sheet One. The relevant number is then to be crossed (x) through in the Continuation Sheet field on Sheet One. The 'Component Details' fields in Part A can be struck through. The 'AUR ACH Life Remaining' data must be carried forward from Part A of the previous sheet. Carry forward ('CF') the details from the last entry in Part B of the previous sheet to Part B of the new sheet, ensuring the 'Cumulative ACHs' value is retained. The new sheet must be attached to the existing sheets and all sheets retained together until disposal.

8. **Weapon Release.** The Flying Unit is responsible for advising the ESA of the AUR release, so that the ESA's Local AUR Serial Number master list can be updated. During the post-flight debrief, AUR details, including the 'Unit Monogram & Local AUR Ser. No.' and releasing Aircraft station, are to be passed in writing to the Aircraft Captain to enable completion of the Release Report. The Flying Unit must return the F706D and any continuation sheets to the ESA for Final Co-ordination.

9. **Transfer of Weapon/Return to ESA.** Whenever the PWIV AUR is transferred to another Flying Unit or returned to the ESA, the F706D must accompany the AUR. The dispatching Flying Unit Weapons TM is responsible for ensuring that Part B is up to date. Any copies made of the F706D should be annotated at the top of the form with "COPY" and the date the copy was made using red ink.

10. **Weapon De-preparation.** When the AUR is disassembled, the Weapon Prep Team is to complete Part C in accordance with **Paragraph 6.**

11. **Returns.** All completed sheets of F706D, Part A and Part B must be optically scanned and forwarded to the following within 7 days from the date of AUR release or de-prep:

a. **IGMR DT Paveway IV Team.** Email to: 'DES Wpns-IGMR-PavewayIV (MULTIUSER).'

b. **ASWC.** Email to: 'ASWC-OA OSW'.

12. **Disposal.** Completed sheets of F706D must be retained for a minimum of 28 after release or de-preparation of the AUR, after which they can be destroyed.

Weapon Type	Prefix Code	Function
PWIV	L XXXX	Selects LLPL & PRF
	S XXXX	Selects SLPL & PRF

Table 1 - PRF Code Prefix Letter

**MOD Form 706DA(PWIV)(Typhoon) - Paveway IV (PWIV)
(Typhoon): ECCG Keep-Alive Battery Change Record**

13. **General.** The MOD Form 706DA(PWIV)(Typhoon) is to be used as a continuation sheet to F706D and provides a method of recording the fitment and managing the change date forecasting of the ECCG Keep-Alive battery fitted to the PWIV AUR.

14. **Control.** Once raised by the Flying Unit upon loading of the AUR to Aircraft, the F706DA must be attached to the associated F706D and controlled in accordance with **Paragraph 2.**

15. **Compilation.** The Weapon Load Team are to compile the F706DA as follows:

- a. **Unit Monogram & Local AUR Ser. No.** Enter the same 'Unit Monogram & Local AUR Ser. No.' from the associated F706D.
- b. **Date Prepared.** Enter the same 'Date Prepared' from the associated 706D.
- c. **AUR Build Life-Ex Date.** Enter the same 'AUR Build Life-Ex Date' from the associated F706D.
- d. **Sheet Number.** Enter the next consecutive number taken from the Continuation Sheet field on Sheet One of the associated F706D. The number is then to be crossed (x) through in the Continuation Sheet field on Sheet One.
- e. **Battery Change History.**
 - (1) **Due Battery Change DTG.** Enter the 'Date Time Group' of when the battery change is next due. This must be forecast from the DTG in the preceding row, at the periodicity detailed in AP 118-1704-2(NR)1 and as specified in the Typhoon Topic 5A6 and Topic 5B1.
 - (2) **Battery Fitted/Changed DTG.** Enter the 'Date Time Group' of when the battery was fitted or changed.
 - (3) **Name (in Capitals).** The tradesperson entering the data is to enter their name in capitals.
 - (4) **Signature.** The tradesperson entering the data is to sign (refer to MAM-P, Chapter 2.4).
- f. **Final Battery Removal.** Upon final battery removal, annotate the next available row with "**battery removed**" and strike through the 'Due Battery Change DTG' field on the next row.

16. **Disposal.** Completed sheets of F706DA must be retained for a minimum of 28 days after release or de-preparation of the AUR, after which they can be destroyed