

Instructions for Use

Paveway IV (PWIV)(F-35): Preparation and Air Carriage History Record - MOD Form 706D(PWIV)(F-35)

MOD Form 706D(PWIV)(F-35) - Paveway IV (PWIV) Preparation and Air Carriage History Report.

1. **General.** The MOD Form 706D(PWIV)(F-35) provides an All Up Round (AUR) record of build, usage and disassembly or expenditure; it also provides a mechanism to capture all the required parameters for the management of PWIV on F-35.
 2. **Control.** Once raised, the MOD Form 706D(PWIV)(F-35) must be controlled by the Explosive Storage Area (ESA) until the related AUR is delivered to the Flying unit. The MOD Form 706D(PWIV)(F-35) should remain under the control of the Weapons Trade Manager (TM) upon receipt at the Flying Unit.
 3. **Weapon Preparation.** When an AUR is first assembled, the Weapon Preparation Team is to raise a new MOD Form 706D(PWIV)(F-35) and complete **Part A** up to and including **Column 7** 'STOVL Landings (L)', as detailed at **Paragraph 3. Part C** is also to be completed.
 4. **Part A.** The Weapon Preparation Team are to compile **Part A** as follows:
 - a. **Unit Monogram & Local AUR Serial Number.** Enter the 'Unit Monogram' and a 'Unique Local AUR Serial Number' as detailed in AP100B-01 Order 2.1.9. For the Serial No. the ECCG Serial No. is to be used.
 - b. **Date Prepared.** Enter the date that the weapon components were removed from their environmental protective containers and built into an AUR.
 - c. **AUR Build Life-Ex Date.** Refer to the Joint Services Munitions Constraint Register (JSMCR) for current build life.
 - d. **Sheet Number & Continuation Sheets.** When the weapon is first built, **"ONE"** is to be entered in the box. If all lines in **Part B** and/or **Part C** are completed and the weapon remains assembled, then a new MOD Form 706D(PWIV)(F-35) is to be raised iaw these Instructions and allocated the next consecutive Sheet Number; the appropriate Continuation Sheet box is to be crossed through on Sheet One. **Part A** details on the Continuation Sheet are to be completed by transferring details from the previous MOD Form 706D(PWIV)(F-35), excluding **Columns 9 to 14**.
 - e. **Weapon Type/Carriage.** Delete whichever is inappropriate to the build standard of the weapon. The Weapon Load Team are to strike through the non-applicable weapon carriage location [internal or external] after the first sortie, if the weapon has 0 ACH.
 - f. **Weapon Details.** From components and/or MOD Form 6580(PWIV)(F-35) if applicable, enter the details at **Columns 1 to 7**, completing 'Asset Type/Mark', 'Batch Key indicator (BKI)' and 'Makers Serial/Kit Number' Fields.
 - g. **AUR Events Remaining (ACH / Inboard Door Cycles / Outboard Door Cycles and STOVL).** The 'AUR Events Remaining' (**Column 8**) is to be completed using data from the components' MOD Form 6580 (if a new build) or previous MOD Form 6580(PWIV)(F-35), if raising a Continuation Sheet. These figures are derived from the weapon component with the highest ACH life/highest Door Cycles/highest STOVL Take Offs or Landings. The JSMCR states the lifing limitation for each data point.
 - h. **PRF Code.** Enter the required Long Last Post Logic (LLPL).
- Note: Part A, Columns 9 to 14** are to be populated by the Final Co-ordinator on the Weapon Load Team only after weapon release or Weapon Preparation Team after de-prep, transferring final entry data from the Weapon Usage Cumulative Figures at **Part B** of this form.
5. **Delivery to Flying Unit.** When the weapon is delivered to the Flying Unit, the MOD Form 706D PWIV)(F-35) is to be handed to the Weapons TM for subsequent compilation by the Weapon Load Team.
 6. **Location of MOD Form 706D(PWIV)(F-35) at a Flying Unit.** Whenever a PWIV is held as 'Ready Use' by a squadron, the MOD Form 706D(PWIV)(F-35) is to remain in the MOD Form 700C under control of the Weapons TM. When loaded to an Aircraft, the form is to be updated after every flight to maintain the weapon's airworthiness. If the weapon is relocated to another squadron or returned to the Explosive Storage Area, the MOD Form 706D(PWIV)(F-35) is to accompany the weapon.
 7. **Insertion and Removal.** F-35 does not have a paper MOD Form 700. MOD Forms 706D(PWIV)(F-35) are to be inserted and removed from a MOD Form 700C as an Uncontrolled Form as detailed in MOD Form 799/1. The MOD Form 700C is to be controlled by the Squadron Weapons TM.
 8. **Part B Loading History.** Following the loading of a weapon onto an F-35, the Weapon Load Team are to complete the MOD Form 706D(PWIV)(F-35), **Part B** as follows:
 - a. **Activity.** Enter **"L"** (Load), **"F"** (Flown), **"C"** (Check), **"U"** (Unload), or **"CF"** (Carried Forward) as applicable.

- b. **Activity DTG.** Enter Date Time Group (DTG) of Activity.
 - c. **A/C Serial Number.** Enter Aircraft serial number details.
 - d. **Pylon/Stn.** Enter the loaded station identifier.
 - e. **Air Carriage Hours Flown (ACH) (at Fit).** Enter hours from **Part A, Column 8**, Events Remaining (if applicable).
 - f. **Cumulative Figures Columns.** After initial loading, **Columns 1 to 15** are to be completed iaw the Activity code using information and updated after every flight or activity.
 - g. **Tradesperson Detail.** The tradesperson entering the data is to sign and complete with their printed name in capitals.
9. **Part C Certificate of Work.** A Certificate of Work, at **Part C** of this form, is to be completed for activity codes 'L' and 'U', or weapon preparation or de-preparation. The Weapon Preparation or Weapon Load Team (as appropriate) are to compile **Part C** as follows:
- a. **Work Detail & References.** Enter the full details of the work to be carried out. Include all the references as applicable.
 - b. **Date.** Enter the date that Work Detail & References were populated.
 - c. **Detail of Work Carried Out.** Enter the details of work carried out.
 - d. **Tradesperson 1, 2 & 3.** Tradesperson (1st Signature) is to sign and complete the 'Printed Name', 'Time', 'Date', 'Trade Code' (refer to MAM-P, Chapter 2.4) and 'Work Hours' boxes as appropriate. Strike through any unused columns in the applicable row.
 - e. **Supervisor.** The Supervisor (2nd Signature) is to sign and complete the 'Printed Name', 'Time', 'Date', 'Trade Code' (refer to MAM-P, Chapter 2.4) and 'Work Hours' as appropriate.
 - f. **Management Aid.** Available for use as required by local management.
 - g. **Co-ordination.** The Co-ordinator is to:
 - (1) Strike through any unused work lines in **Part C**.
 - (2) Finalise **Part A** by completing **Columns 9 to 14** and transfer this data to the parent asset MOD Form 6580 (PWIV)(F-35) to this Leaflet.
 - (3) Totalize and enter the Work Hours for each Trade Code recorded in work lines. In the event of Continuation Sheets being utilised, check the tick box in the 'Carry Over' Line.
 - (4) Ensure that copies of MOD Form F706D (PWIV)(F-35), inclusive of Continuation Sheets, are dispatched to the AWC and IGMR PWIV Team as per **Paragraph 13** and, where required, copied to local management.

The original MOD Form 706D(PWIV)(F-35) is to be retained & archived by the Unit.

Note: Once an AUR has flown once, it must be clearly identified as either an external or internal AUR and only reloaded to an appropriate pylon/stn; the non-applicable weapon carriage location [internal or external] at **Part A** is to be struck through. This is vital to maintain configuration control of weapons, thus ensuring the AUR airworthiness. Any round that has flown but cannot be identified as an internal or external weapon must be withdrawn from service and quarantined pending DT direction.

10. Weapon Release. The flying sqn is responsible for advising the ESA of a weapon release so that the ESA's 'Local All Up Round Serial Number Master List' can be updated. During the post-flight debrief, weapon detail including the Unit Monogram Local AUR Serial Number and release station are to be passed in writing to the releasing Aircrew to enable compilation of the mandatory Weapon Release Report(s). The Flying Unit is to return the MOD Form 706D(PWIV)(F-35) and any Continuation Sheets to the ESA for final co-ordination.

11. Transfer of Weapon/Return to ESA. Whenever the weapon is transferred to another Flying Sqn or returned to the ESA, the MOD Form 706D(PWIV)(F-35) is to accompany the weapon. The dispatching Flying Sqn Weapons TM is responsible for ensuring that **Parts B and C** are up to date. Any additional copies of the Form should be annotated with "**COPY**" and the date it was made in red ink at the top of the form.

12. Weapon De-preparation. When a weapon is disassembled, the Weapon Preparation Team is to complete the detail in Part C. The Co-ordinator is responsible for ensuring **Part A** is completed iaw **Paragraph 8 g**.

13. Report Distribution. Completed copies of MOD Forms 706D(PWIV)(F-35) are to be forwarded to the following within 7 days from the date of expenditure or de-prep (originals are to be retained by the Unit):

IGMR DT, Paveway Team (DES WPNS-IGMR-PWIV(Multiuser)) FAO DES Wpns-IGMR-Air1e.

Air Warfare Centre (ASWC-OA OSW) FAO AWC 92 Sqn SO2 ATTK Wpns.