Instructions for Use
Litening III Record Card - MOD Form 742(LDP)

1.   **General.** The MOD Form 742(LDP) is to be used to control and monitor the usage of the Pod and its component Line Replacement Unit/Line Replacement Items (LRU/LRIs). It is to be used in conjunction with LITS and ESS, for tracking the life of the Pod and its component LRU/LRIs on Tornado GR4 and Typhoon fleets respectively.

2.   When not fitted to an aircraft, the Pod Record Card and MOD Form 735A(Supp) for the lifed items, are to accompany the Pod at all times. When the Pod is fitted to an aircraft they are all to be retained:

a. Tornado GR4 - in Section 9 of the aircraft MOD Form 700. The MOD Form 742(LDP) is to be inserted into and removed from the MOD Form 700 in accordance with the instructions for controlled forms on MOD Form 799/1. The number sequence to be used in this series is to be 001-999.

b. Typhoon - in a suitable folder on the owner squadron.

c. Other aircraft types - as per local instructions.

3.   **Raising.** When any part of the card is full, a new card is to be raised and the relevant details carried forward, including the last entries in 'Total Pod Hrs Flown', all current entries in Component Record Card Register, outstanding Lims/ADFs and current Software Configuration.

4.   Completed or closed Pod Record Cards are to be returned to APS-TMS6e, Walnut 0c #1024, MOD Abbey Wood, Bristol BS34 8JH.

5.   If a Pod is received without a Pod Record Card, or any one of the required MOD Forms 735A(Supp), or if they are lost or misplaced, the Pod is to be declared unserviceable until the missing Card is supplied, found, or authority to compile a replacement (using LITS or ESS) is obtained from the equipment EA through APS-TMS6e.

6.   **Pod Limitations/Acceptable Deferred Faults.** Any Pod fault/modification/ RTI etc, which imposes an Operational Limitation or Acceptable Deferred Fault is to be entered in the 'Pod Limitations and Acceptable Deferred Faults Log' on the reverse of the Pod Record Card. A corresponding entry is also to be made in the aircraft Lim or ADF Log iaw MOD Forms 799/3 and 799/4. On Pod removal from the aircraft, the entry is to be cleared from the aircraft Lim or ADF Log, but remain on the Pod Record Card. This entry is then to be transferred to the Lim or ADF Log of the next aircraft as detailed in Paragraph 8.a. The Pod Record Card entry is to remain extant until the fault, etc has been rectified.

7.   **Issue by Prime Contractor.** Prior to issue, the Prime Contractor (PC) is to check the MOD Forms 742(LDP) and 735A(Supp) to ensure that the following are correct:

a. Pod Serial Number.

b. Total Pod Hours and individual LRU/LRI Hours Flown.

c. Serial Numbers and completeness of associated MOD Forms 735A(Supp).

d. Pod and LRU/LRI Software Configuration details.

8.   **Pod Fitment.** The Maintenance Supervisor responsible for the fitment of the Pod to an aircraft is to:

a. Enter in the fitment record on the next available Pod Record Card line:

(1) Aircraft Serial Number.

(2) Date fitted.

(3) Airframe hours when fitted.

b. Raise Maintenance Work Orders for any POD Limitations/ADFs in the Aircraft Maintenance Log or ESS as applicable.

9.   **Pod Removal**. When a Pod is removed from an aircraft, the Maintenance Supervisor is to:

a. Enter on the relevant line of the Pod Record Card:

(1) Date removed.

(2) Airframe hours when removed.

b. Calculate and enter new 'Pod Hrs Flown'.

c. Calculate and enter new 'Total Pod Hours Flown'.

d. Clear any aircraft Limitations or ADFs imposed on the aircraft as a result of a Pod Limitation or ADF, using the Maintenance Work Order SNOW for the Pod removal as authority.

e. Remove the Pod Record Card and associated 5 MOD Forms 735A(Supp) from the prescribed location as detailed at Paragraph 2, and ensure that they accompany the Pod.

10. **Pod Transfer Between Aircraft.** When a Pod is transferred between aircraft, the Maintenance Supervisor is to ensure that the actions detailed in Paragraphs 8 and 9 have been undertaken.

11. **Pod Transfer Between Units.** When the Pod is being transferred between units, the Maintenance Supervisor is to ensure that a photocopy of all Pod Record Cards accompany the Pod to its new destination, whilst the originals are sent separately through Unit Eng Records. On receipt of the originals at the receiving unit, the photocopies may be destroyed.

12. **MACE/Bale Lugs.** Whenever a MACE/Bale Lug is removed/fitted, the Maintenance Supervisor is to update the MOD Form 735A(Supp) with:

    a. Component Installed In details.

    b. Component Life Consumed At Installation details.

    c. Component Life Consumed At Removal details.

      Notes:

      1. Instructions for MOD Form 735A(Supp) are contained within MOD Form 799(ERC) of the MAM-D Part 2.

      2. If the MACE/Bale Lug does not have a Serial Number, APS-TMS6e is to be contacted for further advice.

13. **LRU/LRI Replacement.** When an LRU/LRI is replaced, the Maintenance Supervisor is to update MOD Forms 742(LDP) and 735A(Supp).

    a. Component Record Card Register: ensure Date, Pod Hrs, LRU/LRI Ser No, and Form Ser No are completed.

    Note: The MOD Form 735A(Supp) Form Serial No is not necessarily a consecutive number from the one removed.

    b. When an LRU/LRI is replaced, calculate the current 'Pod Hrs' and enter into 'Removed' column of MOD Form 735A(Supp) Register area with date removed. Calculate and update MOD Form 735A(Supp) Component 'Hrs Flown'.

    c. Ensure LRU/LRI cumulative usage from LITS/ESS agrees with the data calculated using the LRU/LRI Component Life Consumed and the current Pod Flying Hours.

    d. Complete the MOD Form 735A(Supp) for the relevant removed item and ensure it is placed with the unserviceable item.

    e. Complete the next column on the MOD Form 742(LDP) for the installed LRU/LRI.

    f. Check and update the data on the new LRU/LRI MOD Form 735A(Supp) and place with the other Component Record Cards.

15. **Software Configuration Change.** On change of Pod or LRU/LRI Software Configuration, the details of the new software is to be entered on the relevant line of the Software Configuration Log.

    Note: The MOD Form 742(LDP) is configured to allow up to 4 changes of the same LRU/LRI type before a new record card has to be used. The 5 items which require life tracking data, must be accompanied by the relevant MOD Form 735A(Supp) at all times.