

Instructions for Use

Aircraft Data Transfer Media (A-DTM) Certificate - MOD Form 706C(HUMS)(Merlin)(HC)(Mk4/4A)

1. **General.** The MOD Form 706C(HUMS)(Merlin)(HC)(Mk4/4A) is used to certify the preparation, installation, removal and data interrogation/download of the Health and Usage Monitoring System (HUMS) for the Maintenance Data Transfer Device (mDTD) on HC Mk4/Mk4A Aircraft. Provision is made to record 18 before use sequences on each sheet. Responsibilities for completion are detailed in the following paragraphs.
2. **Insertion and Removal.** The MOD Form 706C(HUMS)(Merlin)(HC)(Mk4/4A) 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 0001-9999.
3. **Engineering Tradesperson.** It is the responsibility of the Engineering Tradesperson to certify the work that they have undertaken in the relevant column as follows:
 - a. **Interrogation of Aircraft Mission and Management System (AMMS) Data.** The Supervisor is to certify by printing their name, time, date and signing in **column (a)**, that the AMMS data has been interrogated for exceedances and avionic faults in accordance with the Compound Interactive Electronic Technical Publication (CIETP) PROC 46-21-00-01-420A-D.
 - b. **Unload Data from Aircraft.** Removal of the data from the Aircraft is the responsibility of the Engineering Tradesperson. The Tradesperson is to certify, by printing their name, time, date and signing in **column (b)**, that the A-DTM has been correctly unloaded and removed from the Aircraft in accordance with the CIETP PROC 46-21-00-02-553A-D.
 - c. **Data Downloaded to HUMS & Continuous Vibration Monitoring (CVM) Ground Station (H&CGS).** After flight or ground run, when the Aircraft has been passed back to the maintenance organization, the authorized Engineering Tradesperson is to certify by printing their name, time, date and signing in **column (c)**, that the data has been downloaded to the H&CGS in accordance with the Heliwise AUSPEX Operating Procedures, in accordance with Support Policy Statement Leaflet 167 (SPS 167). Additionally, the Supervisor signing for the download is to ensure that the Sortie Number (SN) assigned to AUSPEX during the A-DTM download are also recorded in **column (c)**. If the download to the ground station fails, or no data is found on the mDTD, then **“Data Download Failed”** is to be entered into the SN Box in **column (c)**.
 - d. **Data Transferred to 1710 NAS.** The authorized Engineering Tradesperson is to certify by printing their name, time, date and signing in **column (d)**, that the data has been transferred to 1710 NAS in accordance with the Heliwise AUSPEX Operating Procedures, in accordance with SPS 167.
4. **Retention and Disposal Instructions.** MOD Forms 706C(HUMS)(Merlin)(HC)(Mk4/4A) are to be retained in accordance with MAM-D part 1 Chapter 2.3.