

# Instructions for Use

## Oil Replenishment/Sampling Record for GE T701D Engines - MOD Form 737(T701D) GE T701D Engines Oil Consumption Reference Table - MOD Form 737A(T701D)

1. MOD Form 737(T701D) is used to record the amount of oil added during replenishments, the oil consumption rate, and the EFD Sampling regime.
2. It is to be raised as follows:
  - a. Enter the Aircraft type, Mark and Serial number in the header detail.
  - b. Enter the Engine mark, Serial number and position, the Airframe hours at Installation and Engine hours Consumed at Installation, details to be entered in the appropriate columns.
  - c. If the EFD sampling periodicity is different from that specified in the platform servicing schedule, enter details in the 'Type / Periodicity' box, eg 'Soap / 10'.
3. Every oil replenishment is to be recorded as follows:
  - a. Enter the DTG, Place and current engine operating hours.
  - b. Enter the Replenishment Rig Serial Number used.
  - c. Enter the Batch(es) of the oil used.
  - d. Enter the amount of oil added, in litres. (Only add oil when the engine is Cold. An engine is considered 'Cold' 20 minutes after shut down).
  - e. Annotate the 'Filled to' and 'Hot / Cold' details as appropriate.
  - f. Calculate the consumption rate using T701D Engine - Oil Consumption Reference Table (MOD Form 737A(T701D)) as follows:

**Note:** Hours run since last replenishment are to be rounded down to the nearest 15 minutes.

    - (1) Plot hours run since last replenishment against amount of oil added.
    - (2) Once established, this figure is to be entered into the 'Consumption Rate' column of the MOD Form 737(T701D).
    - (3) If the calculated rate is 'Red', the actions specified on MOD Form 737A(T701D) are to be taken.
  - g. Complete 'Name' column.
4. When an EFD / SOAP sample is taken:
  - a. The 'DTG', 'Place', 'Airframe hours', 'Oil added', 'Filled to', 'Hot / Cold' and 'Name' columns are to be completed as necessary.
  - b. The sample type is to be entered in the 'Remarks' column.
    - c. The sample number is to be entered in the relevant column.
5. On receipt of the Clearance signal, make an appropriate entry in the relevant column, quoting the signal reference.

### Component Replacement.

6. When an engine is replaced, the Supervisor is to:
  - a. Dispatch the relevant MOD Form 737(T701D) with the removed engine.
  - b. Raise a MOD Form 737(T701D), in accordance with Paragraph 2, for the replacement engine.

### Disposal of Completed Forms

7. When full, the form is to be replaced as follows:
  - a. Raise a new form in accordance with Paragraph 2.
  - b. Transfer the Airframe hours of the final entry on the completed form to the B/F box of the replacement form.
  - c. MOD Form 737(T701D) are to be inserted and removed from the MOD Form 700C in accordance with the instructions for controlled forms on MOD Form 799/1.