# Instructions for Use

## Oil Replenishment/Sampling Record for CFM 56/F108-CF-201Turbo Fan Engines - MOD Form 737(RC-135W)
## Spectrometric Oil Analysis Programme Sample Form - MOD Form 730(1710NAS)
## SOAP Sample Label - MOD Form 730C

### Oil Replenishment/Sampling Record - MOD Form 737(RC-135W)

1. **Introduction.** The MOD Form 737 is used for the recording of oil replenishments and sampling for the CFM 56/F108-CF-201 turbo fan engines being examined under a SOAP. When subject to a SOAP examination it is to be used in conjunction with the appropriate Spectrometric Oil Analysis Programme Sampling Sheet (see **Paragraphs 7 to 9**).

2. Certification for replenishment is to be made on MOD Forms 705, 707B(ADP) or 707B(IS), and for oil sampling on MOD Forms 707B(ADP) or 707B(IS).

3. **Insertion and Removal.** The form is to be inserted and removed from the MOD Form 700C iaw the instructions for controlled forms on MOD Form 799/1. Additionally the person inserting or removing this form is to ensure that the following elements have been completed:

   a. That the total quantity of oil added since the last oil sample has been brought forward from the removed sheet and that this figure is entered on the 'Last Sample Details Brought Forward' Row in the 'Oil Added' Column on the newly inserted form.

   b. The authorised person removing the completed MOD Form is to ensure that any oil samples entries have a corresponding Clearance Signal Ref No. If this Ref No. is not present, then the MOD Form 737(RC-135W) is not to be removed from the MOD Form 700C until the Clearance Signal Ref No. is entered.

4. **Completion of The MOD Form 737(RC-135W).** The MOD Form 737(RC-135W) is to be completed as follows:

   a. Enter the component details in the appropriate columns. If subject to SOAP Examination, enter the 'Sampling Periodicity', 'Last Sample Details' and 'Oil Added' since last sample. If not subject to SOAP Examination, strike through 'SOAP Examination' Columns.

   b. Post any engine operation, oil level(s) are to be checked, replenished as required, and recorded even if no oil is added as follows:

      (1) Enter the DTG, Place and current Airframe Hours.

      (2) Enter the Replenishment Rig Serial Number used.

      (3) Enter the Batch Numbers of the oil used.

      (4) Enter the amount of oil added, in US Quarts. If no oil added enter **"NIL"** in 'Oil Added' Column.

      (5) Identify the Oil Brand used ie Shell, Ryco 899, Turbonycoil 601 (see **Note 4**) etc.

      (6) Enter the Total content in the tank after replenishment.

      (7) Complete the 'Name' Column.

   c. Ensure each oil change is recorded (see **Note 1**).

5. When a sample is taken from an item subject to a sampling programme, the MOD Form 737 is to be completed as follows:

   a. Complete the 'DTG', 'Place' and 'Airframe Hours' Columns.

   b. Indicate that a sample has been taken by writing **"SAMPLE"** across the 'Oil Replenishment' Column.

   c. Annotate whether the sample was 'Hot' or 'Cold' by deleting as appropriate.

   d. Enter the tradesperson's name in the 'Name' Column and record the task ORN in the 'ORN' Column.

   e. In the corresponding line of the 'Components Subject To SOAP Examination Only' Block, complete the 'Component Running Hours' and 'Sample Bottle Number' Columns.

   f. Enter the Supply/Courier details for referencing. Where possible include

tracking codes.

g. On reciept of a sample feedback signal, the form Reference Number is to be recorded in the 'Clearance Signal Ref No.' Column and the signal is to be retained (see **Note 2**).

6. If the sampling periodicity is changed, delete the existing figure and enter the new figure in the next vacant square against the heading ‘Sampling Periodicity’. (Ensure that the date/hours due on the Scheduled and Out of Phase Maintenance Record is brought up to date).

7. **Component Replacement.** When a component is replaced, the Maintenance Work Order Co-ordinator is to raise a new MOD Form 737 (RC-135W) and enter the details of the new engine. If subject to a SOAP examination, the 'Last Sample Details' and 'Oil Added' since last sample is to be brought forward from the previous form, which may then be removed from the MOD Form 700C.

## SOAP Sample Label - MOD Form 730C

8. The MOD Form 730C is a stick-on label for oil sample bottles and is to be used in conjunction with MOD Forms 730 & 730(M & SG). The details relating to the component from which the sample was taken are to be entered on MOD Form 730C which is to be identified by a bottle number taken from its associated MOD Form 730 (see **Note 3**).

## Spectrometric Oil Analysis Programme Sample Form - MOD Form 730(1710NAS)

9. The MOD Form 730(1710NAS) supplied with the transit bottle is to be completed and despatched together with the sample.

**Notes:**

**1.** Any work carried out on oil-wetted systems subject to SOAP examination, including any Maintenance, modification or component replacement, is to be recorded. Enter the 'DTG', 'Place', 'Airframe Hours', 'Component Running Hours' and make an entry in the remaining columns.

**2.** If a sample is due, it is to be taken before any oil replenishment is undertaken.

**3.** Notification of the introduction/withdrawal of a Spectrometric Oil Analysis Programme together with the instructions for the compilation of the MOD Form 730C will be given by MOD through Command Headquarters.

**4.** The mixing of more than two different approved brands of oil and frequently changing (within one month) between approved brands of oil, must be prevented (Reference CFM56-2B Service Bulletin (SB) 79-0001 - Approved Oils for the CFM56-2B Engines dated 5th Mar 2020).