Instructions for Use

Fuel Uplifts Undertaken Away From Parent Unit - MOD Form 706B(T)(RC-135W)
RC-135W Engine and JFS Running Log - MOD Form 726(RC-135W)

Fuel Uplifts Undertaken Away From Parent Unit - MOD Form 706B(T)(RC-135W)

1.   **General.** The MOD Form 706B(T)(RC-135W) is used to record all instances of AAR and ground refuel uplifts undertaken for fuels other than JP-8(F-34) and JP-4(F-40) when the Aircraft is operating away from an MOD or USAF establishment.

2.   **Insertion and Removal.** The MOD Form 706B(T)(RC-135W) is to be inserted and removed from the MOD Form 700C i.a.w the instructions for controlled forms on MOD Form 799/1. Sheet numbers in the series 001 to 999 are to be used. The authorized person replacing the form is to raise a new form as follows:

   a.   Raise the next MOD Form 726(RC-135W), populating the 'Sheet No.' field with the next number in the series.

   b.   Enter the Aircraft Serial No.

3.   The various recommended and alternative fuels authorized for use on the RC-135W are listed in the T.O. 1C-135(RC)(I)-1.

4.   Fuels not containing FSII may only be uplifted providing that the following criteria is meet:
   a.   A concentration level of 0.05% FSII level is maintained in any given tank.

   Note: To ensure that a 0.05% concentration level is maintained, the maximum amount of non FSII that can be loaded into any given fuel tank that already contains FSII inhibited fuel is equal to 80% of the FSII inhibited fuel already present.

5.   **Completion.** After completing an AAR operation the responsible aircrew member is to complete the actions in **Paragraph 5 a.** When a ground refuel operation is undertaken then the authorized person is to carry out actions as detailed in **Paragraph 5 b.**

   a.   Responsible Aircrew Member. If an AAR operation is undertaken then the Responsible Aircrew Member is to undertake the following actions:

   (1)   **Column (a)** Enter the date of the fuel uplift.

   (2)   **Column (b)** Insert the following **"AAR"**.

   (3)   **Column (c)** Enter the date and time of the fuel uplift.

   (4)   **Column (d)** Strike through.

   (5)   **Columns (e) and (f)** Enter the amount of fuel in lbs in the relevant column. Strike through the unused field.

   (6)   **Column (g)** Enter the total A/F hours.

   (7)   **Column (h)** Strike through.

   (8)   **Column (j)** Enter the NATO Code of the fuel uplifted. If the fuel has no NATO code then enter **"None"**.

   Note: A list of NATO codes and their associated fuel grades are listed in T.O. 1C-135(RC)(I)-1.

   (9)   **Column (k)** Delete as applicable.

   Note: A list of recommended and alternative wide cut fuels are listed in T.O. 1C-135(RC)(I)-1.

   (10) Inform the engineering organisation on RTB.

   b.   Engineering Tradesperson. An authorized person undertaking refuelling operation is to undertake the following actions:

   (1)   Complete the Fuel Certificate on the reverse of the MOD Form 705(RC-135W) Flight Servicing Certificate.

   (2)   **Column (a)** Enter the date of the fuel uplift.

   (3)   **Column (b)** Enter the place of the fuel uplift.

   (4)   **Column (c)** Enter the date/time of refuel.

   (5)   **Column (d)** Enter the anticipated date/time of take-off.

   (6)   **Column (e) and (f)** Carry out actions as detailed in **Paragraph 5 a (5).**

   (7)   **Column (g)** Enter the Total A/F Hours.

   (8)   **Column (h)** Enter the Fuel Bill Number (If applicable) if this field is unused then strike through.

   (9)   **Column (j) and (k)** Carry out actions as detailed as at **Paragraph 5 a (8)** and **Paragraph 5 a (9).**

   (10) Carry out action as detailed in **Paragraph 5 a (10).**

RC-135W Engine and JFS Running Log - MOD Form 726(RC-135W)

1. **General.** The MOD Form 726(RC-135W) - RC-135W Engine and JFS Running Log is used to record the total hours of each engine (recorded as Engine Flight Time (EFT) and Engine Operating Time (EOT)) and their accrued number of starts. It is also utilised to record the use of the Jet Fuel Starter (JFS).

2. **Insertion and Removal.** The MOD Form 726(RC-135W) is to be inserted into and removed from, the MOD 700C i.a.w the instructions for controlled forms on the MOD Form 799/1 by authorized personnel. Sheet numbers in the series 001 to 999 are to be used. The authorized person replacing the form is to raise a new form as follows:

    a. Raise the next MOD Form 726(RC-135W), populating the 'Sheet No.' field with the next number in the series.

    b. Enter the Aircraft Serial No.

    c. Transfer the following details for each Engine No. 1 to 4 in the relevant fields:

        (1). ECU Serial No.

        (2). ECU EOT Hrs on Installation.

        (3). ECU Installed at Airframe Hrs.

        (4). The Total ECU Running Hours for EFT and EOT, enter this value in the Brought Fwd field.

        (5). The Total ECU Starts, enter this value in the Brought Fwd field.

        (6). JFS Serial No.

        (7). JFS Total starts, enter this value in the Brought Fwd field.

3. **Form Completion.** It is the responsibility of the Flight Servicing Co-ordinator (FSC) to ensure all calculations are correct from the previous inputs. The following information is to be transferred from the MOD Form 725(RC-135W) Flight and Equipment Running Log:

    a. The last flight duration. This figure is to be entered in the 'Duration' column on the next available line along with the corresponding date of the flight. The FSC is then to enter Total ECU Running Hours (EFT and EOT) for each ECU from the provided CEMS printout.

    b. ECU Starts this flight. Utilising the information provided from the MOD Form 725(RC-135W), enter the number of ECU starts for the relevant ECU and calculate the total number of ECU starts, entering this value into the 'Total ECU Starts' column for the relevant engine.

    c. JFS Starts this flight. Utilising the information provided from the MOD Form 725(RC-135W), enter the number of JFS starts and calculate the total number of JFS starts, entering this value into the 'Total Starts' column for the JFS.

4. **Engine Ground Runs for Maintenance Activities.** If there is a requirement to carry out an Engine Ground Run (EGR), then this event is to be recorded on the MOD Form 726(RC-135W). The tradesperson/Aircrew are to complete the following fields on the form:

    a. The date of the EGR.

    b. Strike through the 'Duration' field.

    c. Enter **"EGR"** into the 'Event Type' column.

    d. Enter into the relevant EOT column the updated EOT figures and bring forward the EFT figures from the previous column.

    e. Enter the number of starts and calculate Total ECU Starts, entering this in the 'Total ECU Starts' column for the ECU ran into the relevant column.

    f. If the JFS was utilized to start the ECU(s) then enter the number of starts, calculate and enter the Total Starts in the relevant JFS columns.

    g. Strike through any unused fields.

5. **ECU Replacement.** When an ECU is replaced it is the responsibility of the Maintenance supervisor to insert a new MOD Form 726(RC-135W) and complete the following actions:

    a. Undertake actions in **Paragraphs 2 to 2b.**

    b. Undertake actions as detailed in **Paragraph 2 c (1) to (7)** for existing ECU and JFS.

    c. Enter the Serial number of the replacement ECU in the relevant column.

    d. Enter the EOT Hrs on Installation of the replacement ECU in the relevant column.

    e. Enter the Installed at Airframe Hrs in the relevant ECU column.

    f. Enter the Total EOT Hours and Total EFT Hours of the replacement ECU in the 'Brought Forward Totals' field.

    g. Enter the replacement Total ECU Starts in the 'Brought Forward Totals' field in the relevant ECU column.

6. **JFS Replacement.** When the JFS is replaced it is the responsibility of the Maintenance supervisor to insert a new MOD Form 726(RC-135W) and complete the following actions:

    a. Undertake actions in **Paragraph 2 to 2.b.**

    b. Undertake the actions detailed in **Paragraph 2 c (1) to (7)** for existing ECU's.

    c. Enter the Serial number of the replacement JFS in the relevant column.

    d. Enter the Total Starts on Installation on the 'Brought Forward Totals' field.

    e. Enter the Installed at Airframe Hrs in the JFS table column.