Instructions for Use

Maintenance and Component Replacement Control Document

1. **General.** The Maintenance and Component Replacement Control Document (M&CRCD) compiled as stated in **Paragraph 2** below, is to be used to control and forecast Scheduled and Out Of Phase Maintenance, SI(T) etc and component replacements applicable to individual Aircraft. It also provides data for completion of Maintenance and equipment documents.

2. **Contents.** The Maintenance and Component Replacement Control Document consists of:

a.	MOD Form 798(RC-135W)	Instructions for Use
b.	MOD Form 798B	Amendment Record
c.	AP101B-8400-2(R)1 Leaflet 102, Annex C	Component Life Register
d.	MOD Form 728(RC-135W)	Component Replacement Record
e.	MOD Form 728A	Component Replacement Record - High Frequency Items
f.	MOD Form 728X	Explosive Component Replacement Record
g.	AP101B-8400-2(R)1 Leaflet 102, Annex D	Scheduled and Out of Phase Maintenance Register (SOOPMR)
h.	MOD Form 727E	SOOPMR Record
i.	MOD Form 727C	Supplementary Maintenance Register
j.	MOD Form 727D	Supplementary Maintenance Record
k.	MOD Form 723/1(RC-135W)	Forecast Log

3. **Description of Forms.** The following paragraphs detail the use of the forms listed above.

    a. **Amendment Record (MOD Form 798B).** The Amendment Record is to be used to indicate the Amendment state of the MOD Form 700, Section 7 and details of any AIL/SAL incorporated. The person incorporating an amendment or AIL/SAL is to enter the details in the relevant block. Where an AP101B-8400-2(R)1, Lft 102 amendment has no effect on Section 7, the amendment record is to be completed with **"No change to Lft 102"** entered in the 'Date of Incorporation' column. When a new sheet is raised any outstanding AIL/SAL are to be transferred to the new sheet, before the old sheet is removed.

    b. **Component Life Register (CLR).** The CLR lists lifed Aircraft components and details occasions when they are to be changed. It is a reproduction of Annex C to Lft 102 of AP101B-8400-2(R)1. To make control easier, components are grouped together under their Life Measurement Units (LMUs) eg Flying Hours, calendar time etc.

    c. **Component Replacement Record (MOD Form 728 (RC-135W)).** This record gives details of components fitted to a particular Aircraft as listed in the associated CLR. When components are changed, information extracted from this form is to be stated on the Equipment Conditioning Label (MOD Form 731). If an item is extended, the entry in the 'Due at' column is to be struck through and the SNOW and 'Extended to' entered in the relevant columns using RED INK. Further guidance on how to complete the form is detailed below:

        (1) **SNOW (when fitted).** Enter the 4-digit SNOW used when the CLR code was initially raised/cleared. When the CLR code was completed by L3/USAF during Depth Maintenance activities and no SNOW is available enter the type of Depth Maintenance activity (eg **"PDM"**).

        (2) **Serial No. (of asset or higher level assembly).** Enter the Serial Number details of the item that the CLR code refers to. When the item does not have a designated Serial Number enter the details of the next higher level assembly.

        (3) **Location.** Enter the location of the component to be replaced if applicable (eg **"ECU #1", "INU #2", "Galley Area"**).

        (4) **Remarks.** This entry is a Management aid only. When components have been replaced during Depth Maintenance activities and lifing details have been obtained via L3 the USAF paperwork details are to be annotated (eg **"Lifing details obtained from Form 781E"**).

        (5) **Installed at (Aircraft Hrs/Landings/Date etc).** Enter the LMU details that the component was installed at. Use the same LMU type as detailed in the CLR (eg use date format for components that are calendar based).

        (6) **Life Used at Installation.** A number of items detailed in the CLR begin life from the date they are 'bay maintained' or begin to accrue life from the date of manufacture (DOM). Alternatively, certain items have a shelf life or expiry date which cannot be exceeded. Careful consideration must be made to determine how much life has already been used on the CLR code at the time of replacement (see example below):

CLR Code 401, due bay maintenance every 30 weeks.

MOD Form 731 indicates item is next due bay Maintenance 12 Dec 17

Item fitted on 29 Jun 17

Life used = 6 weeks, 3 days

(7) **Due At.** Enter the details when the item is next due replacement. This should be taken directly from any conditioning labels or certificates of conformity supplied with the items. If the CLR code was carried out during Depth Maintenance activities the details on the AFTO Form 781 series should be used. Any life expiry details are not to be exceeded. In certain cases this detail will have to be calculated using all information provided.

(8) **SNOW (if extended).** This column is only to be filled in if an extension has been granted by an individual holding the appropriate Auth Level. The details of the 4-digit SNOW raised to document the extension is to be entered using RED INK.

(9) **Extended To.** This column is only to be filled if an extension has been granted by an individual holding the appropriate Auth Level. The new (extended to) LMU forecast detail is to be entered using RED INK.

Note: Several rows can be grouped together to provide a suitable number of blank spaces for each CLR code (eg 4 rows for CLR code 419 which has a frequency of 52 weeks). A minimum of 1 blank row is to be left available for each code when compiling new sheets.

d. **Component Replacement Record-High Frequency Items (MOD Form 728A).** This form is provided for items which require replacing at high frequency and is to be used as follows:

(1) One form is to be raised for each component requiring high frequency replacement.

(2) The form is to be placed facing the relevant Component Replacement Record.

(3) The Component Replacement Record is to be annotated **"See MOD Form 728A"** opposite the CLR No. to which it refers.

(4) If an item is extended the entry in the 'Due at' column is to be struck through and the SNOW and 'Extended to' entered in the relevant columns using RED INK.

e. **Explosive Component Replacement Record (MOD Form 728X).** This form may be used instead of the MOD Form 728A for Explosive Components and is to be used as follows:

(1) The form is to be placed facing the relevant Component Replacement Record.

(2) The Component Replacement Record is to be annotated **"See MOD Form 728X"** opposite the CLR No(s) to which it refers.

(3) If an item is extended the entry in the 'Due at' column is to be struck through and the SNOW and 'Extended to' entered in the relevant columns using RED INK.

f. **Scheduled and Out of Phase Maintenance Register (SOOPMR).** The SOOPMR lists all Scheduled and Out of Phase Maintenance items having a defined life and shown in the appropriate -6 Tech Order. It is a reproduction of Annex D to Lft 102 of AP101B-8400-2(R)1. To make control easier, Maintenance items are grouped together under their LMUs eg Flying Hours, calendar time etc. Each group is identified by a Chapter number. When Maintenance operations are 'grouped' they are contained in annexes to each chapter and are to be considered as a single Out of Phase Maintenance carried out at the specified grouped Maintenance frequency.

g. **SOOPMR Record (MOD Form 727E).** The SOOPMR Record is to be used to control all SOOPMR activities. A 'Strike Off' facility permits the form to be used for both high and low frequency activities. A high frequency sheet may be used to control all high frequency activities irrespective of LMU. If an item is extended, the 'Due at' column is to be struck through and the SNOW entered in the 'SNOW' column using RED INK. The revised 'Due at' is then to be entered in the next 'Due at' column using RED INK.

h. **Supplementary Maintenance Register (SM Register (MOD Form 727C)).** The SM Register is to be used to register all non Master Maintenance List (MML) controlled Maintenance activities eg SI(T) etc, which are Out of Phase with Scheduled Maintenance.

(1) The 'SM Register Life Measurement Unit (LMU)' block is provided to detail the LMU concerned, eg Flying Hours, calendar time, landings etc. The 'LMU' block is only to be completed when all entries on the SM Register refer to a common LMU.

(2) Compilation of the form is the responsibility of Unit Management.

(3) All entries must be qualified by a Maintenance activity designation eg SI(T), 703/704, Unit/Sqn instruction etc, which must always appear in the 'Authority' column.

Notes:

1. On no account are local CLR No/OOP codes to be allocated.

2. Where Maintenance activities are at flight servicing frequency they are to be called up on MOD Form 705(SSR) - Supplementary Flight Servicing Register.

3. Where Maintenance activities are in phase with Scheduled Maintenance they are to be called up on the Supplementary Maintenance Card in the appropriate Maintenance schedule.

i. **Supplementary Maintenance Record (SM Record (MOD Form 727D)).** The SM Record is to be positioned opposite, and used in conjunction with, the SM Register to control all non MML activities (See also **Note** below). A 'Strike Off' facility is provided to permit the form to be used to control high or low frequency activities. If an item is extended, the 'Due at' column is to be struck through and the SNOW entered in the 'SNOW' column using RED INK. The revised 'Due at' is then to be entered in the next 'Due at' column using RED INK.

Note: Relevant Chapters/Pages of the CLR, SOOPMR and SM Registers that detail Miscellaneous LMUs (eg those randomly occurring items which do not have their own finite frequency and therefore cannot be forecast) may be lodged in Section 5 of the MOD Form 700. Associated MOD Forms 727 and 728 series, are not required in this case.