

► This RA has been substantially re-written; for clarity no change marks are presented – please read RA in its entirety ◀

## RA 4971 - Military Airworthiness Review and Certification - MRP Part M Subpart I

### Rationale

To re-validate the configuration and Airworthiness of Air Systems on the UK Military Aircraft Register, a Military Airworthiness Review (Mil AR) is required to be carried out at least annually. Following a successful Mil AR, a Military Airworthiness Review Certificate (MARC) can be issued on behalf of the relevant Delivery Duty Holder (DDH) or Accountable Manager (Military Flying) (AM(MF)). Without a reassessment of an Air System's configuration and establishing whether it has been maintained in a controlled environment, Continuing Airworthiness cannot be guaranteed. This RA requires a valid MARC be maintained; providing confidence in the integrity and Airworthiness of an Air System.

### Contents

**4971(1): Military Continuing Airworthiness Manager Responsibilities**

**4971(2): Military Airworthiness Review Certificate**

### Regulation 4971(1)

#### Military Continuing Airworthiness Manager Responsibilities

4971(1) The Military Continuing Airworthiness Manager (Mil CAM) **shall** ensure that:

- a. A Mil AR of the Air System, together with its Continuing Airworthiness records, is carried out periodically<sup>1</sup>, by suitably approved and authorized Mil AR Surveyors<sup>2</sup>.
- b. Mil AR procedures are incorporated into the Continuing Airworthiness Management Exposition (CAME)<sup>3</sup>.

### Acceptable Means of Compliance 4971(1)

#### Military Continuing Airworthiness Manager Responsibilities

1. The Mil AR **should** be recorded on the MOD Form 710<sup>4</sup>.
2. For civil-derivative Air Systems where 'shadow' Airworthiness Reviews are conducted<sup>5</sup>, the Airworthiness Review activity **should** be used as part of the Mil AR process<sup>6</sup>. However, the Mil CAM **should** still document that they have confirmed that the MRP Part M Subpart I requirements have also been met.
3. Notwithstanding paragraph 2 above, Mil AR tasks **should** remain the responsibility of the Mil CAM even when support arrangements as described in paragraph 5 are used.
4. In addition to the annual requirement, the Mil CAM **should** consider the need to instigate a Mil AR whenever it is considered appropriate.

### Guidance Material 4971(1)

#### Military Continuing Airworthiness Manager Responsibilities

5. The ability to recognize 'shadow' Airworthiness Review activity is accepted by the MAA on the basis of satisfactory analysis and evidence presented in the CAME. The MARC is still signed by the Mil CAM who is to be satisfied with the robustness of

<sup>1</sup> Refer to RA 4973 – Military Airworthiness Review Process - MRP Part M Subpart I.

<sup>2</sup> Refer to RA 4972 – Military Airworthiness Review Surveyors - MRP Part M Subpart I.

<sup>3</sup> Refer to RA 4943 – Continuing Airworthiness Management Exposition - MRP Part M Subpart G.

<sup>4</sup> Refer to MOD Form 710 – Military Airworthiness Review Certificate, available from the Manual of Airworthiness Maintenance - Documentation (MAM-D).

<sup>5</sup> By approved organizations as part of civil oversight arrangements agreed with the Civil Aviation Authority and conducted in accordance with Civil Aviation Authority Regulation.

<sup>6</sup> Refer to RA 1165 – UK Civil Aviation Authority Oversight of UK Military Registered Air Systems.

**Guidance  
Material  
4971(1)**

the work conducted in accordance with (iaw) the civil oversight arrangements and that all military deltas pertaining to the platform have been identified.

6. Individual contracted personnel may be used as Mil AR Surveyors where the Mil CAM is personally satisfied that the individual concerned meets the specified requirements<sup>2</sup>, and is authorized as such. Such procedures are to be described in the CAME and records kept of contracted individuals used.

7. A MARC may be anticipated as required with a validity of 12 months from date of issue.

8. Examples of when further Mil ARs may be appropriate could be as a result of certain Modifications, Repair programmes or when the Military Continuing Airworthiness Management Organization (Mil CAMO) does not believe it has had adequate visibility of Continuing Airworthiness activity.

**Regulation  
4971(2)**

**Military Airworthiness Review Certificate**

4971(2) On completion of a satisfactory Mil AR, the Mil CAM **shall** issue a MARC on behalf of the DDH or AM(MF). Thereafter:

a. A MARC **shall** remain valid for a period of 1 year from date of issue, but with the potential to be extended or revoked<sup>7</sup>.

b. A MARC validity may be extended for a period not exceeding 90 calendar days; any such extension **shall** be approved by the Mil CAM.

c. A Mil CAM **shall** revoke the MARC if there is reason to believe that the Air System is not airworthy<sup>7</sup>.

**Acceptable  
Means of  
Compliance  
4971(2)**

**Military Airworthiness Review Certificate**

9. The Mil CAM **should** sign the MARC. A Deputy Mil CAM (DCAM), meeting the same requirements of the Mil CAM<sup>8</sup>, may sign the MARC when authorized by the DDH or AM(MF).

10. The Mil CAM **should** justify all MARC extensions that have been granted on the appropriate MOD Form 710.

11. The Mil CAM **should not** apply any MARC extensions for Air Systems subject to CAP 562 Leaflet B-40 arrangements<sup>6</sup>.

**Guidance  
Material  
4971(2)**

**Military Airworthiness Review Certificate**

12. The Mil CAM holds the automatic responsibility of issuing the MARC on behalf of the DDH or AM(MF) as part of the Mil CAMO Approval.

13. It is expected that routine maximum extensions will not be granted.

14. In the temporary absence of a Mil CAM or authorized DCAM, the DDH or AM(MF) may sign the MARC.

15. The MARC is not a statement of serviceability, but it is required to be valid for all flying<sup>9</sup>.

<sup>7</sup> Refer to RA 4974 – Circumstances when Military Airworthiness Review Certificates become invalid - MRP Part M Subpart I.

<sup>8</sup> Refer to RA 4945 – Personnel Requirements - MRP Part M Subpart G.

<sup>9</sup> Refer to RA 1016 – Military Continuing Airworthiness Management.