

# Regulatory Instruction



14 Jul 11

## MAA RI/03/11 (DTECH) AL 1 – CHIEF AIR ENGINEERS

### Rationale

*Aviation Duty Holders (DH) are responsible for implementing effective Aviation Safety Management Systems and ensuring that their air operations are at all times conducted at a level of safety that is at least Tolerable and ALARP. In discharging these responsibilities they will be supported by Suitably Qualified and Experienced (SQEP) **crownservant** Chief Air Engineers.*

### Implementation

*This RI is effective immediately and supersedes extant regulation. The SQEP requirements for Chief Air Engineers should be implemented for all future personnel appointments to these roles.*

### Contents

#### (1) Chief Air Engineers

### Regulation

#### Chief Air Engineers

(1)

(1) DHs **shall** be supported at all times by SQEP **crownservant** Chief Air Engineers (CAE).

### Acceptable Means of Compliance (1)

1. Each DH **should** appoint a SQEP **crownservant** CAE to provide them with specialist technical support in delivering their air safety responsibilities.
2. CAEs **should** provide their DHs with:
  - a. Assurance that aircraft, airborne equipment and air systems are being maintained in accordance with extant regulations and procedures.
  - b. Assurance that engineering standards and practices are of the appropriate quality.
  - c. Technical advice on Risks to Life.
  - d. Where appropriate, advice on the technical issues associated with the acquisition of new aircraft or air capabilities.
3. DHs **should** issue their CAEs with personal Letters of Authority detailing their responsibilities.

4. DHs **should** ensure that CAEs meet the SQEP criteria in Table 1. Where an appointed CAE does not meet these criteria, the SDH level CAE **should** personally authorise non-compliance, and inform the MAA of such decisions, on a case-by-case basis.

SQEP Criteria	DDH CAE	ODH CAE	SDH CAE
Is Engineering Council Professional Registered at CEng <sup>1</sup>	X	X	X
Has previous JAP Authority Level J and K Experience		X	X
Has previous Acquisition or PT EA Experience		X	X
Has successfully completed MAA03 - Airworthiness of Military Aircraft Module (MAAMSC)	X	X	
Has successfully completed the relevant Aircraft Type Specific Managers Course <sup>2</sup>	X		
Has successfully completed the Duty Holder Air Safety Course (DHASC) <sup>3</sup>	X	X	X

**Table 1 – CAE SQEP Criteria**

**Guidance Material (1)**

5. Nil

**Queries**

6. Any queries or requests for further guidance on the content of this RI should be submitted, in the first instance, by email to MAA Tech D MA at [MAA-Tech-D MA@mod.uk](mailto:MAA-Tech-D_MA@mod.uk) or on 03067981728.

**MAA Tech Dir**

<sup>1</sup> Mandatory for SO1 and above wef 1 Sep 11, for SO2 wef 1 Apr 12 as per MAA/RI/DTECH/01/10.

<sup>2</sup> Where Ac Type Managers Courses are not available, or a DDH CAE is responsible for several ac types, an appropriate level of technical familiarisation is required for each ac type.

<sup>3</sup> DHASC 'Desirable' at DDH level, but 'Essential' at ODH and SDH levels.