



Australian Government

Civil Aviation Safety Authority

Instrument number CASA EX07/25

I, ADRIAN PAUL SLOOTJES, National Manager, Air Navigation, Airspace & Aerodromes, Air Navigation, Transformation & Risk Division, a delegate of CASA, make this instrument under regulations 11.160 and 11.205 of the *Civil Aviation Safety Regulations 1998*.

[Signed Adrian Slootjes]

Adrian Slootjes

National Manager, Air Navigation, Airspace & Aerodromes
Air Navigation, Transformation & Risk Division

31 January 2025

CASA EX07/25 – Operational Foam Use (ARFFS Attack Vehicle Monitor Training – Airservices Australia) Exemption 2025

1 Name

This instrument is *CASA EX07/25 – Operational Foam Use (ARFFS Attack Vehicle Monitor Training – Airservices Australia) Exemption 2025*.

2 Duration

This instrument:

- (a) commences on 1 February 2025; and
- (b) is repealed at the end of 31 January 2028.

3 Definitions

Note In this instrument, certain terms and expressions have the same meaning as they have in the *Civil Aviation Act 1988* and the regulations. These include: **AA**, **aerodrome**, **ARFFS provider** and **ICAO**.

In this instrument:

Airport Services Manual means the document titled *Airport Services Manual, Part 1 — Rescue and Firefighting*, fourth edition, published by ICAO in 2015, as it exists at the time this instrument commences.

ARFFS has the meaning given by subregulation 139.705(1) of CASR.

ARFFS Training Guide means the AA document titled *ARFFS Training Guide Operational Training*, OTng-123, version 10, effective 30 May 2024, as it exists at the time this instrument commences.

AVM means attack vehicle monitor.

Manual of Standards has the meaning given by subregulation 139.705(1) of CASR.

operational foam means an extinguishing agent that:

- (a) has the foam specifications mentioned in paragraph 8.1.5 (including Table 8-1) of the Airport Services Manual; and
- (b) meets the criteria for the foam production performance test mentioned in sub-subparagraphs 8.1.6.2(b) and 8.1.6.2(c) of the Airport Services Manual; and
- (c) meets the firefighting performance requirements, for a foam concentrate at each performance level, mentioned in subparagraph 8.1.10.1 of the Airport Services Manual.

registered training organisation has the meaning given by the *National Vocational Education and Training Regulator Act 2011*.

Solberg DoD 3155 means the foam concentrate referred to as “Solberg DoD 3155” in the technical sheet, with the physiochemical properties specified in the technical sheet.

technical sheet means the Solberg Asia Pacific Pty Limited document titled *Solberg Asia Pacific Technical Information: Solberg DoD 3155: Training Foam Concentrate* dated October 2007, as it exists at the time this instrument commences.

training foam means a solution of Solberg DoD 3155 that:

- (a) has a dilution ratio of 1 litre of Solberg DoD 3155 to 19 litres of water; and
- (b) has a mixture proportion of 6% through air-aspirated or non-air-aspirated equipment; and
- (c) maintains a visual resemblance to operational foam throughout hot or cold operational training exercises, drills or assessments.

Note An ARFFS training exercise may include the use of a heat source, including a fire. An ARFFS drill does not include the use of a heat source but includes the use of theatrical smoke (also known as special effect smoke). An ARFFS assessment includes, but is not necessarily limited to, each assessment phase mentioned in subsections 6(1) to (5).

4 Application

This instrument applies to AA, ARN 202210, in its capacity as:

- (a) a registered training organisation; and
- (b) the approved ARFFS provider for the aerodromes mentioned in an instrument made under regulation 139.965 of CASR, as the instrument exists from time to time.

Note At the time of making this instrument:

- (a) AA is listed as a registered training organisation on the National Register; and
- (b) instrument number CASA.139H.0007 Revision No: 5, *Approval – Aerodrome Rescue and Fire Fighting Service (ARFFS) Provider* approves AA as an ARFFS provider for the aerodromes mentioned in Schedule 1 to that instrument until the end of 30 June 2027.

5 Exemption

- (1) AA is exempt from compliance with subregulations 139.845(1) and (4) of CASR to the extent that those subregulations require AA to use operational foam to complete the core competency mentioned in paragraph 20.1.3.3(a) of the Manual of Standards.

Note Chapter 20 of the Manual of Standards relates to ARFFS Personnel Staffing and Training Requirements. Under paragraph 20.1.3.3(a) of the Manual of Standards, core competency

training for the application of foam onto a fire by an AVM must be conducted within a 90-day period.

- (2) The exemption is subject to the conditions mentioned in section 6.

6 Conditions

- (1) AA, in its capacity as a registered training organisation, must:
- (a) ensure that training foam is used by AA or another registered training organisation for hot or cold operational training exercises, drills or assessments (other than training exercises, drills or assessments carried out during a 90-day check of the firefighting vehicle monitor skills endorsement mentioned in the table in section 8.3.2 of the ARFFS Training Guide); and
 - (b) on request by a CASA officer, demonstrate on reasonable grounds that training foam is used by AA or another registered training organisation for the training exercises, drills or assessments mentioned in paragraph (a).

Note AA or another registered training organisation may use water for training exercises, drills or assessments carried out during a 90-day check of the firefighting vehicle monitor skills endorsement mentioned in paragraph (a).

- (2) AA, in its capacity as an ARFFS provider, must ensure that ARFFS staff undertaking training, provided by AA or another registered training organisation, in either of the following units of competency are competent to apply training foam through an AVM onto a fire as part of a simulated aircraft accident during the assessment phase of the unit of competency:
- (a) PUAFIR418 — Supervise specialist response to aviation accidents and incidents;
 - (b) a unit of competency, equivalent to the unit of competency mentioned in paragraph (a) and approved in writing by CASA.
- (3) AA, in its capacity as a registered training organisation, must ensure that ARFFS staff undertaking training provided by AA in either of the units of competency mentioned in subsection (2) are competent to apply training foam through an AVM onto a fire as part of a simulated aircraft accident during the assessment phase of the unit of competency.
- (4) AA, in its capacity as an ARFFS provider, must ensure that ARFFS staff undertaking training, provided by AA or another registered training organisation, in either of the following qualifications are competent to apply training foam through 1 or more AVM onto a fire as part of a simulated aircraft accident during the relevant assessment phase of the qualification:
- (a) PUA50519 — Diploma of Public Safety (Firefighting Management);
 - (b) a qualification, equivalent to the qualification mentioned in paragraph (a) and approved in writing by CASA.
- (5) AA, in its capacity as a registered training organisation, must ensure that ARFFS staff undertaking training provided by AA in either of the qualifications mentioned in subsection (4) are competent to apply training foam through 1 or more AVM onto a fire as part of a simulated aircraft accident during the relevant assessment phase of the qualification.
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