I, CHRISTOPHER PAUL MONAHAN, Executive Manager, National Operations & Standards, a delegate of CASA, make this instrument under regulations 11.160 and 11.205 of the *Civil Aviation Safety Regulations 1998*.

[Signed Christopher P. Monahan]
Christopher P. Monahan
Executive Manager, National Operations & Standards

18 February 2019

**CASA EX17/19 — Use of Operational Foam during ARFFS Training (Airservices Australia) Exemption 2019**

1 **Name**

This instrument is *CASA EX17/19 — Use of Operational Foam during ARFFS Training (Airservices Australia) Exemption 2019*.

2 **Definitions**

*Note* In this instrument, certain terms and expressions have the same meaning as they have in the Act and the Regulations. These include: *AA, aerodrome, ARFFS provider* and *ICAO*. The following terms have the same meaning as in subregulation 139.705 (1) of CASR: *ARFFS, category, Manual of Standards*.

In this instrument:


*approved training foam* means a substance approved by CASA in accordance with section 6.

*AVM* means attack vehicle monitor.

*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*.
3 **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 — see http://training.gov.au/Organisation/Details/5168 or search for “Airservices Australia” using the “Quick Search” facility available at http://training.gov.au/home/tga. For the definitions of National Register and registered training organisation, see section 3 of the National Vocational Education and Training Regulator Act 2011.

(b) Instrument CASA.139H.0004, 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 30 June 2021 (unless the instrument is varied, suspended, revoked or cancelled).

4 **Exemption**

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.

5 **Conditions**

The exemption is subject to the conditions mentioned in Schedule 1.

6 **Approval of training foam**

(1) After receiving a written application from AA for approval of a substance as training foam, CASA may approve, in writing, the substance to be:

(a) training foam; and

(b) used by AA as a substitute for operational foam during ARFFS training exercises or ARFFS drills.

*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).

(2) If CASA approves the use of a substance under subsection (1), CASA must specify in the approval any purposes, other than the purpose mentioned in paragraph (1) (b), for which the substance may be used.

7 **Repeal**

This instrument is repealed at the end of 31 January 2022.

**Schedule 1 Conditions**

1 AA, in its capacity as an ARFFS provider, must ensure that the type of training foam used by AA or another registered training organisation during cold or hot operational training exercises or drills is approved by CASA for that purpose.
2 AA, in its capacity as an ARFFS provider, must ensure that ARFFS staff undertaking training in either of the following units of competency, provided by AA or another registered training organisation, are competent to apply operational foam through a foam-making branch onto a simulated aircraft fire during the assessment phase of the unit of competency:

(a) PUAFIR205B — Respond to aviation incident (specialist);
(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 clause 2 are competent to apply operational foam through a foam-making branch onto a simulated aircraft fire 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 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) PUAFIR416 — 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.

5 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 clause 4 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.

6 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) PUA50513 — Diploma of Public Safety (Firefighting Management);
(b) a qualification, equivalent to the qualification mentioned in paragraph (a) and approved in writing by CASA.

7 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 clause 6 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.