



AC 139H-3(0)

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ARFFS - RECOMMENDED PRACTICES ANCILLARY EQUIPMENT

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1. REFERENCES

- MOS 139, subpart H. Ref; Chapter 13
- There are several publications available which address the elements of rescue and fire fighting in detail. These documents are listed below:
 - ◊ ICAO, Annex 14, Aerodromes, Vol.1
 - ◊ ICAO, Airport Services Manual, Part 1, rescue and fire fighting

◊ ICAO, Training Manual, Part E-2 Aerodrome fire service personnel

◊ National Fire Protection Codes

◊ Australian Standards (AS)

2. PURPOSE

This AC provides guidance and information to aerodrome operators and ARFFS providers at aerodromes where aerodrome rescue and fire fighting services are provided or required.

3. STATUS OF THIS AC

This recommended practice remains current until re-issue, withdrawal or suspended.

Advisory Circulars are intended to provide recommendations and guidance to illustrate a means but not necessarily the only means of complying with the Regulations, or to explain certain regulatory requirements by providing interpretative and explanatory material.

Where an AC is referred to in a 'Note' below the regulation, the AC remains as guidance material.

ACs should always be read in conjunction with the referenced regulations

4. SCALE OF ANCILLARY EQUIPMENT

4.1 The range of ancillary equipment to be carried on fire vehicles can be separated into to categories. Equipment that must be carried at all times and a range of supplementary equipment. When allocating equipment, due regard to standardisation between vehicles should be considered.

4.2 The table below is a guide for the scale of ancillary equipment stowage for the various categories that should be carried at all times.

Rescue Equipment		Aerodrome Category			
Item	Special	1, 2 & 3	4 & 5	6 & 7	8, 9 & 10
Fire Extinguisher		1 per Veh	1 per Veh	1 per Veh	1 per Veh
Grid Reference Map		1 per Veh	1 per Veh	1 per Veh	1 per Veh
Hand Lamps		2 per Veh	2 per Veh	2 per Veh	2 per Veh
Gloves		1 pairs	2 pairs	3 pairs	4 pairs
Branchpipe-Variable-Water		1	1 per Veh	1 per Veh	1 per Veh
Branchpipe-Foam					
FB10X, FW60, S4, or Equivalent		1 per Veh	1 per Veh	1 per Veh	1 per Veh
Adaptors-M and F (as applicable)		1 per Veh	1 per Veh	1 per Veh	1 per Veh
Standpipe and Key		1	1	1	2
Short Line		1	1	2	2
Long Line		1	1	2	2
Breathing Apparatus		2	3	4	7
B.A.Spare Cylinders		2	3	4	7
B.A Control Board		1	1	1	1
B.A.Spare Face-Piece		1	1	2	3
Hose - 50 mm		1 per Veh	2 per Veh	2 per Veh	2 per Veh
Hose - 64 mm		4	8	12	16
Hydraulic Tools Lifting / Forcing		1	1	1	1
Hydraulic Rescue Unit			1	1	1
Axe Large		1	1	2	2
Axe Fire Fighters		1	2	2	4
Bolt Cutters (Large)		1	1	1	1
Crowbar		1	1	1	2
Fire Blanket		1	1	1	2
Shovel		1	1	2	2
Portable Saw		1	1	1	1
Portable Saw Blades		2	4	6	6
Rescue Tool Box	*	1	1	2	2
9 kg DCP Extinguisher		1	1	2	2
Extension ladder		1	1	2	1 per Veh
Portable Transceiver		1	1	2	3
First Aid Kit		1	1	2	2
Crash First Aid Kit	AEP				
Emergency Keys		As applicable	As applicable	As applicable	As applicable

*** Note Rescue Tool Box should contain useful assortment of tools to assist in rescue. An example of items to be contained in the tool box are: Hacksaw, plus spare blades 300mm, Claw hammer, adjustable spanner 300mm, Screwdriver phillips head , Screwdriver standard, Pliers insulated, Pliers multigrip, Cable cutter, Knife seat belt (British type)**

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