

EASA	EMERGENCY AIRWORTHINESS DIRECTIVE
	AD No.: 2009-0251-E Date: 25 November 2009 Note: This Emergency Airworthiness Directive (AD) is issued by EASA, acting in accordance with Regulation (EC) No 216/2008 on behalf of the European Community, its Member States and of the European third countries that participate in the activities of EASA under Article 66 of that Regulation.
This AD is issued in accordance with EC 1702/2003, Part 21A.3B. In accordance with EC 2042/2003 Annex I, Part M.A.301, the continuing airworthiness of an aircraft shall be ensured by accomplishing any applicable ADs. Consequently, no person may operate an aircraft to which an AD applies, except in accordance with the requirements of that AD, unless otherwise specified by the Agency [EC 2042/2003 Annex I, Part M.A.303] or agreed with the Authority of the State of Registry [EC 216/2008, Article 14(4) exemption].	
Type Approval Holder's Name : Fire Fighting Enterprises Limited	Type/Model designation(s) : Portable Halon 1211 Fire Extinguishers
Approval Number : Various National approvals.	
Foreign AD : Not applicable	
Supersedure : None	
ATA 26	Fire Protection – Portable Fire Extinguishers – Identification / Replacement
Manufacturer(s):	Fire Fighting Enterprises Limited
Applicability:	Portable Halon 1211 (BCF) fire extinguishers, identified by Finished Goods (FG) number and serial number (s/n) in Appendix 1 of this AD. These fire extinguishers are known to be installed (or carried/stowed on board) on, but not limited to, Airbus, Alenia, Boeing, Embraer, Fokker and SAAB transport aeroplanes, Pilatus, Hawker Beechcraft (formerly Raytheon) and Vulcanair (formerly Partenavia) general aviation aeroplanes and Agusta and Eurocopter helicopters.
Reason:	The Civil Aviation Authority of the United Kingdom (UK) has informed EASA that significant quantities of Halon 1211 gas, determined to be outside the required specification, have been supplied to the aviation industry for use in fire extinguishing equipment. Halon 1211 (BCF) is used in handheld fire extinguishers, usually fitted or stowed in aircraft cabins. EASA published Safety Information Bulletin (SIB) 2009-39 on 23 October 2009 to make the aviation community aware of this safety concern. The results of the ongoing investigation now show that LyonTech Engineering Ltd, a UK-based company, has supplied a quantity of heavily contaminated Halon 1211 (BCF) to Fire Fighting Enterprises (FFE). This Halon 1211 has subsequently been used to fill certain FFE portable fire extinguishers that are now likely to be installed in or carried on board aircraft. The contaminated nature of this gas, when used against a fire, may lead to release of toxic fumes, possibly causing injury to aircraft occupants.

	For the reason described above, this EASA AD requires the identification and removal from service of all affected fire extinguishers and replacement with serviceable units.
Effective Date:	26 November 2009
Required Action(s) and Compliance Time(s):	Required as indicated, unless accomplished previously: (1) Within two (2) days after the effective date of this AD, identify the FG number and s/n of the portable fire extinguisher(s) installed or carried on board the aircraft. (2) If any portable fire extinguisher identified as required by paragraph (1) of this AD is listed in Appendix 1 of this AD, before next flight, remove it from the aircraft and replace it with a serviceable unit. (3) From the effective date of this AD, do not install any portable fire extinguisher as identified in Appendix 1 of this AD on any aircraft, unless it has been serviced with Halon 1211 that has been verified to conform to the correct specification.
Ref. Publications:	None
Remarks :	1. If requested and appropriately substantiated, EASA can approve Alternative Methods of Compliance for this EAD. 2. The safety assessment has requested not to implement the full consultation process and an immediate publication and notification. 3. Enquiries regarding this AD should be referred to the Airworthiness Directives, Safety Management & Research Section, Certification Directorate, EASA. E-mail: ADs@easa.europa.eu. 4. For any question concerning the technical content of the requirements in this AD, please contact: Fire Fighting Enterprises Ltd, 9 Hunting Gate, Hitchin, Hertfordshire SG4 0TJ, United Kingdom Telephone: +44 (0) 845 402 4242 E-mail: sales@ffeuk.com, Website: www.ffeuk.com

APPENDIX 1

FG Number	serial number(s)
BA20703GR-3	044293, 044339 and 044340.
BA20703GSR-3	044650, 044651, and 044682 through 044685 inclusive.
BA20703R-3	044398 through 044417 inclusive, 044692, 045066, 045206, 045207 and 045208.
BA21741GR-2	044336, 044337, 044338, 044562, 044563, 044564, 044585, and 044728 through 044733 inclusive.
BA21741GSR-2	044241, 044242, 044294, 044295, 044882, 044950, 045188, 045189, and 046753 through 046756 inclusive,.
BA21741SR-2	044325 through 044329 inclusive, 044490 through 044499 inclusive, 044542 through 044546 inclusive, and 044744 through 044763 inclusive,
BA21783GSR-3	044586 and 044587
BA22594GR-3	044369, 044370, 044371, and 044466 through 044471 inclusive
BA23044SR-1	044429 through 044432 inclusive, 044889 through 044895 inclusive, 045099, 045100 and 045101.
BA23792-1	04645 through 04744 inclusive
BA23792R-1	044877 through 044881 inclusive
BA24180R-1	044227 through 044232 inclusive, 046010 and 046011
BA51012GS-3	045137 and 045138.
BA51012R-3	044485 through 044489 inclusive
BA51012SR-1	045190.
BA51015-3	044243 through 044282 inclusive, 044355 through 044368 inclusive, 044433 through 044452 inclusive, 044512 through 044531 inclusive, 044693 through 044723 inclusive, and 044774 through 044781 inclusive,
BA51015G-3	044724, 044725, 044824 through 044830 inclusive, and 044869 through 044876 inclusive.
BA51015GR-3	044532 through 044541 inclusive, 044734 through 044737 inclusive, 044913 through 044924 inclusive, and 045058 through 045063 inclusive.
BA51015GS-3	044883 through 044888 inclusive, and 044945 through 044949 inclusive.
BA51015GSR-3	044738 through 044743 inclusive, 044911 and 044912.
BA51015R-3	044568 through 044584 inclusive.
BA51015S-3	044459 through 044465 inclusive
BA51015SR-3	044565, 044566 and 044567.