

ALERT SERVICE BULLETIN

1 General

- A. Fire Suppression – Cabin Portable Fire Extinguishers
Lavatory Waste Bin Fire Extinguisher
- B. This ASB has been amended to issue C dated January 2010 and reflects amended serial numbers shown in appendix 1 (vertical bars indicate). This ASB supercedes all previous issues.

2 Planning Information

All Cabin Portable fire extinguishers and lavatory waste bin extinguishers manufactured by Fire Fighting Enterprises with serial Numbers shown under “Effectivity”

(1) Effectivity

- (a) Portable and lavatory waste bin fire extinguishers with part numbers and serial numbers as shown in Appendix 1

(2) Reason

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 lavatory waste bin and handheld fire extinguishers, usually fitted or stowed in lavatory compartments and / or aircraft cabins.

The results of the ongoing investigation now show that LyonTech Engineering Ltd, a UK based company, has supplied a quantity of contaminated Halon 1211 (BCF) to Fire Fighting Enterprises (FFE). This Halon 1211 has subsequently been used to fill certain FFE lavatory waste bin and portable fire extinguishers that are now likely to be installed in or carried on board aircraft.

(3) Description

- (a) The contents of this Alert Service Bulletin describes the action necessary to:

- 1 Carry out check for affected Fire Extinguishers.
- 2 Remove all affected Fire Extinguishers.

(4) Approval

The contents of this Alert Service Bulletin are approved by Fire Fighting Enterprises (POA) Reference UK.21G.2235

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- (5) Manpower
 - (a) Manpower to carry out in service check, 10 minutes per extinguisher.
 - (b) Manpower to remove affected unit from aircraft and replacement, 10 minutes for portable fire extinguisher, 2 hours for toilet compartment fire extinguisher.
- (6) Tooling – No special tools required.

3 Accomplishment Instructions

A. Identification of affected parts

The serial number can be found on the main aluminium body of each fire extinguisher.

(1) Compliance

- (a) Identify and remove affected serial numbered fire extinguishers from aircraft use within one month from the date of this ASB, refer to appendix 1.

(2) In service check / or stores

- (a) Remove affected serial number fire extinguishers from the aircraft.
- (b) Replace affected fire extinguishers in accordance with applicable requirements.

- (c) Route affected fire extinguisher(s) for repair to Fire Fighting Enterprises or an approved repair station.

Note: Approved repair station must contact FFE for a replacement serial number. Email; info@ffeuk.com

4 Material Information

A Material required to accomplish the Alert Service Bulletin.

One fire extinguisher with serial number outside those mentioned earlier in this ASB to replace each fire extinguisher with a serial number mentioned / affected by this ASB.



Appendix 1

FFE Part Number	Serial Number(s)
BA20509AA-4	60768, 60769
BA20509AM-4	045330
BA20509G-4	58218 through 58223 inc., 58230 through 58232 inc.
BA20509N-4	54679, 58119, 58120.
BA20509P-4	58073 through 58078 inc., 58178 through 58186 inc., 60501 through 60515 inc.
BA20509Q-4	58079 through 58084 inc., 58163 through 58177 inc., 60433 through 60452 inc. 60659 through 60667 inc.
BA20509W-4	57750
BA20703GR-3	044851 through 044862 inc., 045142 through 045147 inc., 045273 through 045280 inc., 045516 through 045521 inc., 045708 through 045711 inc., 55450, 55451, 55874 through 55881 inc., 56118 through 56122 inc., 58224 through 58229 inc., 58238, 58239, 58334, 58362, 58733 through 58738 inc., 58751 through 58756 inc., 58873 through 58878 inc., 59055 through 59064 inc., 59211, 60611 through 60623 inc., 60819, 60856 through 60871 inc.,
BA20703GSR-3	044686 through 044691 inc., 045623, 045624, 045645 through 045650 inc., 58097, 58098, 58383 through 58402 inc.
BA20703R-3	47489 through 47498 inc.
BA20723A-2	57847, 58246 through 58251 inc.
BA21741GR-2	045200 through 045205 inc., 045285 through 045289 inc., 54689 through 54695 inc., 54703 through 54712 inc.,
BA21741GSR-2	044966 through 045015 inc., 045281, 045282, 045400 through 045402 inc., 045409 through 045411 inc., 045537 through 045543 inc., 045625 through 045644 inc., 045703 through 045706 inc., 54680, 54681, 54815 through 54828 inc., 55026 through 55047 inc., 58699 through 58701 inc., 59101 through 59110 inc., 59231, 59232, 59347 through 59360 inc.,
BA21741SR-2	044764 through 044773 inc., 045016 through 045030 inc., 045148 through 045162 inc., 046894 through 046903 inc., 54924 through 54950 inc., 54973 through 55001 inc., 60539 through 60561 inc.,
BA21783GSR-3	55173, 55174, 061482, 061596
BA22594-3	58363 through 58382 inc.
BA22594GR-3	044863 through 044868 inc., 045283, 045284, 045681, 045879, 54674 through 54678 inc., 54849, 54850, 55427, 58879 through 58888 inc., 60625, 60626, 061381, 061395, 061396, 061519 061586, 061648,
BA22594R-3	045105 through 045124 inc.
BA23044SR-1	045343. 045692, 045693, 045938 through 045943 inc., 045742 through 045749 inc.,
BA23729-1	58403, 58404.
BA23792-1	04756 through 04786 inc., 04828 through 04832 inc., 04839 through 04840 inc., 05818 through 05840 inc., 05847 through 05871 inc., 05934 through 05955 inc., 06135 through 06204 inc., 58537, 58538, 58213 through 58216 inc., 60453 through 60455 inc., 61009 through 61011 inc.



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FFE Part Number	Serial Number(s)
BA24180R-1	54905 through 54919 inc., 55469 through 55471 inc., 60604 through 60610 inc., 60820 through 60825 inc., 61006 through 61008 inc.
BA40015GR-2	045842
BA51012GR-3	045102 through 045104 inc., 045694 through 045702 inc. 58257 through 58268 inc.
BA51012GSR-3	54781 through 54785 inc., 58253 through 58256 inc., 58417, 58539, 58666,
BA51012R-3	044831 through 044850 inc., 044925 through 044944 inc. 58934 through 58973 inc.
BA51012SR-4	045191 through 045195 inc., 045481 through 045490 inc.
BA51015-3	044782 through 044823 inc., 045067 through 045082 inc., 045253 through 045272 inc., 045395 through 045399 inc. 045407, 045792 through 045818 inc., 58312 through 58333 inc., 58447 through 58466 inc., 58540 through 58619 inc., 58813 through 58832 inc., 59065 through 59074 inc., 59326 through 59335 inc., 59434 through 59439 inc., 60876 through 60895 inc., 061334 through 061338 inc., 061761 through 061770 inc.
BA51015G-3	045032 through 045057 inc., 045163 through 045187 inc., 045211 through 045232 inc., 045290 through 045309 inc., 045354 through 045363 inc., 045408, 045431 through 045480 inc., 045522 through 045536 inc., 045548 through 045572 inc., 045651 through 045670 inc., 045682 through 045691 inc., 045718 through 045737 inc., 045739 through 045741 inc., 045843 through 045852 inc., 045861 through 045863 inc., 54773 through 54779 inc., 54801 through 54814 inc., 54841 through 54848 inc., 54966, 55087 through 55106 inc., 58143 through 58162 inc., 58208 through 58212 inc., 58240 through 58245 inc., 58405 through 58416 inc., 58422 through 58423 inc., 58443 through 58446 inc., 58467 through 58505 inc., 58506 through 58515 inc., 58627 through 58651 inc., 58727 through 58732 inc., 58739 through 58744 inc., 58757 through 58771 inc., 58805 through 58812 inc., 58833 through 58836 inc., 60627, 60635 through 60640 inc., 60812, 60817, 60899 through 60901 inc.,
BA51015GR-3	045125 through 045136 inc., 045196 through 045199 inc., 045310 through 045319 inc., 045403 through 045406 inc., 045425 through 045430 inc., 045544 through 045547 inc., 045671 through 045680 inc., 046206 through 046209 inc., 54790 through 54799 inc., 54857 through 54897 inc., 58022 through 58031 inc., 58088 through 58096 inc., 58127 through 58132 inc., 58187 through 58197 inc., 58428 through 58442 inc., 58620 through 58626 inc., 58837 through 58852 inc., 59043 through 59047 inc., 60589 through 60598 inc., 60770, 60771, 60818, 60896 through 60898 inc., 60947 through 60656 inc.,
BA51015GS-3	045379, 54669 through 54672 inc., 54713 through 54770 inc., 58853 through 58858 inc., 60628 through 60634 inc.,
BA51015GSR-3	045789 through 045791 inc., 045937, 55313 through 55317 inc., 58121 through 58126 inc., 58217, 58252, 59166 through 59171 inc.,
BA51015R-3	044951 through 044965 inc., 045331 through 045342 inc., 045491 through 045515 inc., 045573 through 045581 inc., 045582 through 045622 inc., 045784 through 045788 inc., 046220 through 046222 inc., 58269 through 58293 inc., 58424 through 58425 inc., 58772.
BA51015S-3	045738
BA51015SR-3	045422 through 045424 inc., 046554 through 046557 inc.
	09/12/2009

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