

**CAGE: 61423**

**KIDDE Aerospace & Defense**

## **SERVICE BULLETIN**

### **FIRE PROTECTION – FIRE EXTINGUISHING – LOW PRESSURE INDICATION ON FIRE EXTINGUISHER**

#### **Transmittal Sheet**

This Service Bulletin provides information to operators about the low pressure indication by the fire extinguishers.

The purpose of this revision is to update the effectivity of this service bulletin.

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**FIRE PROTECTION – FIRE EXTINGUISHING – LOW PRESSURE INDICATION ON  
FIRE EXTINGUISHER**

1. PLANNING INFORMATION

A. Effectivity

Kidde Fire Extinguisher part numbers, applicable to A330-200 Series, A330-300 Series, SAAB-2000, DHC-8-400 Series, CL-600-2C10, DC-9-81, ERJ 170-100 STD, ERJ 190-100 STD, CL-600-2E25, BD-500-1A10, BD-500-1A11, ERJ 190-300 and ERJ190-400 airplanes, with serial numbers listed in Table 1: PN/SN Effectivity on Page 4 of this document.

B. Concurrent Requirement

None.

C. Reason

Operators reported low charge pressure indication on fire extinguishers manufactured between 20 February 2018 and 6 June 2018.

Follow up testing confirmed that the extinguisher pressure was low. Low extinguisher pressure could impact the performance of fire suppressors in the event of a fire due to a low concentration of fire suppression agent in the cargo bay.

D. Description

Operators must remove and send the fire extinguishers to Kidde Aerospace and Defense. Kidde Aerospace and Defense will test the fire extinguisher for low pressure and refill, if necessary, at no charge to the operators.

E. Compliance

Twelve (12) months from the issue date of this service bulletin.

F. Approval

This Service Bulletin has been reviewed and accepted by Kidde Aerospace and the owners of the aircraft listed in Table 1: PN/SN Effectivity on Page 4. The repairs and modifications herein comply with 14CFR25 and are on record with the supplier as approved for installation on the respective aircraft.

G. Manpower

Four (4) hours for removal, packing, shipping and reinstallation of the fire extinguisher.

H. Weight and Balance

No change.

I. Electrical Load Data

No change.

J. Software Accomplishment Summary

None.

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K. References

(1) Existing Data

Component Maintenance Manual (CMM) 26-20-95, 26-20-96, 26-21-68, 26-21-76, 26-21-86, 26-21-87, 26-21-93, 26-22-54, 26-22-71, 26-22-80.

(2) Data supplied with this Service Bulletin

None.

L. Other Publications Affected

None.

M. Interchangeability or Intermixability of Parts

The aircraft interchangeability data for these components is controlled by the respective airframe or engine manufacturer.

2. MATERIAL INFORMATION

A. Material

(1) No operator furnished materials are necessary to accomplish this service bulletin.

B. Industry Support Information

(1) Kidde Aerospace and Defense warranty remedies are available for the A330-200 Series, A330-300 Series, SAAB-2000, DHC-8-400 Series, CL-600-2C10, DC-9-81, ERJ 170-100 STD, ERJ 190-100 STD, CL-600-2E25, BD-500-1A10, BD-500-1A11, ERJ 190-300 and ERJ190-400 airplanes in warranty as of the date 27 November 2018.

(2) For man-hour reimbursement for airplanes in warranty as of that date, send a warranty claim to Kidde Aerospace and Defense.

(3) Warranty remedies will include free of charge parts, no charge shipping, reimbursement of Labor hours and free of charge seed units as applicable.

(4) Kidde Aerospace and Defense will test and refill, as necessary, the fire extinguishers with low pressure, at no charge to the operators.

(5) Operators must send a No Charge purchase order to Kidde Aerospace & Defense. Please reference this Service Bulletin on the purchase order. Fax the purchase order to Kidde Aerospace & Defense (fax: 001-252-246-7185).

3. ACCOMPLISHMENT INSTRUCTIONS

Note: Some steps in the accomplishment instructions are identified as Required for Compliance (RC). If this service bulletin is mandated by an airworthiness directive (AD), the steps identified as RC must be done to comply with the AD. Steps not identified with RC are recommended and may be deviated from; done as a part of other actions; or done with accepted methods different from those given in this service bulletin if the RC steps can be done and the airplane returned to a serviceable condition.

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- A. RC Remove the fire extinguisher part number, with serial numbers listed in Table 1: PN/SN Effectivity on Page 4 of this document, from the aircraft (Refer to the applicable aircraft maintenance manual) or from stock.
- B. Return the fire extinguisher to Kidde Aerospace and Defense for inspection and refill, if required. The shipping address is:  
Kidde Aerospace & Defense  
4200 Airport Drive NW  
Building B  
Wilson, NC 27896-8630 USA
- C. Kidde Aerospace will test and refill, as necessary, the fire extinguishers with low pressure and ink stamp the fire extinguishers with a circled “G”, at a distance of one (1) inch from the left hand side edge of the label, as shown in Figure 1: Tested and Refilled Fire Extinguisher, and spray clear coat on the stamp.
- D. RC Install the Kidde Aerospace fire extinguisher part number with serial numbers listed in Table 1: PN/SN Effectivity on Page 4 of this document, with encircled “G” adjacent to the nameplate, in the aircraft (Refer to the applicable aircraft maintenance manual), if required, or return to stock.



Figure 1: Tested and Refilled Fire Extinguisher

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Table 1: PN/SN Effectivity

Part Number	Serial Number	Airplane	Part Number	Serial Number	Airplane
472620-2	10356C	A330-200 Series, A330-300 Series	474033-1	0799BP	DHC-8-400 Series
473021-6	0316AV	SAAB-2000	474033-1	0800BP	DHC-8-400 Series
473021-6	1319AV	SAAB-2000	474033-1	0801BP	DHC-8-400 Series
473021-6	1320AV	SAAB-2000	474033-1	0802BP	DHC-8-400 Series
473021-6	1321AV	SAAB-2000	474033-1	0803BP	DHC-8-400 Series
473880-1	1612AM	DHC-8-400 Series	474158-3	0527CV	ERJ 170-100 STD, ERJ 190-100 STD
473880-1	1613AM	DHC-8-400 Series	474901-1	AES0772	CL-600-2E25
473880-1	1614AM	DHC-8-400 Series	474901-1	AEV0385	CL-600-2E25
473880-1	1615AM	DHC-8-400 Series	474901-1	AEV0386	CL-600-2E25
473919-1	1134A	CL-600-2C10	475086-1	AEI6442	BD-500-1A10, BD-500-1A11
473919-1	1135A	CL-600-2C10	475086-1	AEJ0123	BD-500-1A10, BD-500-1A11
473919-1	1136A	CL-600-2C10	475086-1	AEV0384	BD-500-1A10, BD-500-1A11
473919-1	1137A	CL-600-2C10	475086-1	AEV6906	BD-500-1A10, BD-500-1A11
473919-1	1138A	CL-600-2C10	475086-1	AEV6907	BD-500-1A10, BD-500-1A11
473919-1	1139A	CL-600-2C10	475086-1	AEW0709	BD-500-1A10, BD-500-1A11
473919-1	1140A	CL-600-2C10	475086-1	AEW0710	BD-500-1A10, BD-500-1A11
473919-1	1141A	CL-600-2C10	475939-2	AEV6457	ERJ 190-300, ERJ 190-400
473919-1	1142A	CL-600-2C10	475939-2	AEV6458	ERJ 190-300, ERJ 190-400
473919-1	1143A	CL-600-2C10	475939-2	AEV6459	ERJ 190-300, ERJ 190-400
473920-1	0998N	CL-600-2C10	475939-2	AEV6460	ERJ 190-300, ERJ 190-400
473920-1	1001N	CL-600-2C10	475939-2	AEV6461	ERJ 190-300, ERJ 190-400
473920-1	1002N	CL-600-2C10	475939-2	AEV6462	ERJ 190-300, ERJ 190-400
473920-1	1003N	CL-600-2C10	475939-2	AEV9616	ERJ 190-300, ERJ 190-400
473924-1	5424DE	DC-9-81			
474033-1	0793BP	DHC-8-400 Series			
474033-1	0794BP	DHC-8-400 Series			
474033-1	0795BP	DHC-8-400 Series			
474033-1	0796BP	DHC-8-400 Series			
474033-1	0797BP	DHC-8-400 Series			
474033-1	0798BP	DHC-8-400 Series			

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4. If you have any technical questions on this service bulletin, contact your Field Service Representative. The information on your Field Service Representative can be found [here](#). You can also contact The Avionics Support Center as follows;

24/7 Collins Avionics Technical Support

Tel: +1 319 295 5000 Option 1, Option 1

E-mail: [AvionicsSupport@collins.com](mailto:AvionicsSupport@collins.com)

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