

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 modify the export classification of the service bulletin.

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FIRE EXTINGUISHER**

1. PLANNING INFORMATION

A. Effectivity

Kidde Fire Extinguisher part numbers, applicable to all Boeing 737 airplanes, with serial numbers listed in Table 1: PN/SN Effectivity 1 on Page 4 of this document.

NOTE:

Kidde Fire Extinguisher part numbers/serial numbers listed in Table 2: PN/SN Effectivity 2 have been inspected for the low pressure indication, but were not marked with the circled "G" as shown in Figure 1: Tested and Refilled Fire Extinguisher. No action is required for the fire extinguishers listed in Table 2.

B. Concurrent Requirement

None.

C. Reason

Operators/Boeing 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 Boeing and Kidde Aerospace and Defense. 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.

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J. Software Accomplishment Summary

None.

K. References

(1) Existing Data

Component Maintenance Manual (CMM) 26-21-63.

(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 remedies are available for all Boeing 737 airplanes as of the date 27 November 2018 as identified in Effectivity section.

(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 Check to see if the fire extinguisher part number 473957-4 or 473957-7 installed in the aircraft is marked with an ink stamp 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.

RESULT:

- (1) If the fire extinguisher is marked with the ink stamp with a circled “G”, no further action is required.
- B. RC Remove the fire extinguisher part number 473957-4 or 473957-7 from the aircraft (Refer to the applicable aircraft maintenance manual) or from stock.
- C. Return the fire extinguisher to Kidde Aerospace and Defense for inspection and refill. The shipping address is:
Kidde Aerospace & Defense
4200 Airport Drive NW
Building B
Wilson, NC 27896-8630 USA
- D. 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.
- E. RC Install the Kidde Aerospace fire extinguisher part number 473957-4 or 473957-7, 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 1

Part Number	Serial Number	Part Number	Serial Number	Part Number	Serial Number	Part Number	Serial Number	Part Number	Serial Number
473957-4	12783K	473957-4	12838K	473957-4	12877K	473957-4	12905K	473957-4	12937K
473957-4	12784K	473957-4	12839K	473957-4	12878K	473957-4	12906K	473957-4	12938K
473957-4	12785K	473957-4	12840K	473957-4	12879K	473957-4	12907K	473957-4	12939K
473957-4	12786K	473957-4	12841K	473957-4	12880K	473957-4	12908K	473957-4	12940K
473957-4	12787K	473957-4	12842K	473957-4	12881K	473957-4	12909K	473957-4	12941K
473957-4	12788K	473957-4	12843K	473957-4	12882K	473957-4	12910K	473957-4	12942K
473957-4	12789K	473957-4	12844K	473957-4	12883K	473957-4	12911K	473957-4	12943K
473957-4	12790K	473957-4	12845K	473957-4	12884K	473957-4	12912K	473957-4	12944K
473957-4	12791K	473957-4	12846K	473957-4	12886K	473957-4	12913K	473957-4	12945K
473957-4	12795K	473957-4	12847K	473957-4	12887K	473957-4	12914K	473957-4	12946K
473957-4	12796K	473957-4	12848K	473957-4	12888K	473957-4	12915K	473957-4	12976K
473957-4	12797K	473957-4	12849K	473957-4	12889K	473957-4	12916K	473957-4	12977K
473957-4	12807K	473957-4	12850K	473957-4	12890K	473957-4	12917K	473957-4	12978K
473957-4	12808K	473957-4	12851K	473957-4	12892K	473957-4	12918K	473957-4	12979K
473957-4	12809K	473957-4	12853K	473957-4	12894K	473957-4	12919K	473957-4	12980K
473957-4	12810K	473957-4	12855K	473957-4	12895K	473957-4	12920K	473957-4	12981K
473957-4	12811K	473957-4	12856K	473957-4	12896K	473957-4	12921K	473957-4	12984K
473957-4	12812K	473957-4	12857K	473957-4	12897K	473957-4	12922K	473957-4	12986K
473957-4	12813K	473957-4	12870K	473957-4	12898K	473957-4	12923K	473957-7	0080GV
473957-4	12814K	473957-4	12871K	473957-4	12899K	473957-4	12924K		
473957-4	12832K	473957-4	12872K	473957-4	12900K	473957-4	12925K		
473957-4	12833K	473957-4	12873K	473957-4	12901K	473957-4	12926K		
473957-4	12834K	473957-4	12874K	473957-4	12902K	473957-4	12927K		
473957-4	12835K	473957-4	12875K	473957-4	12903K	473957-4	12935K		
473957-4	12836K	473957-4	12876K	473957-4	12904K	473957-4	12936K		

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Table 2: PN/SN Effectivity 2

Part Number	Serial Number	Part Number	Serial Number	Part Number	Serial Number	Part Number	Serial Number	Part Number	Serial Number
473957-4	12806K	473957-4	12960K	473957-4	12964K	473957-4	12968K	473957-4	12972K
473957-4	12837K	473957-4	12961K	473957-4	12965K	473957-4	12969K	473957-4	12973K
473957-4	12852K	473957-4	12962K	473957-4	12966K	473957-4	12970K	473957-4	12974K
473957-4	12885K	473957-4	12963K	473957-4	12967K	473957-4	12971K	473957-4	12975K

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