



**NATIONAL TRANSPORTATION SAFETY BOARD**

Office of Aviation Safety

Washington, D.C. 20594

**AIRCRAFT MAINTENANCE RECORDS FACTUAL REPORT**

DCA09MA021

**Attachment F**  
**Service Difficulty Reports**

Service Difficulty Report

1. Submitter Information

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 (a) Unique Control #: CALA0800350 (b) Difficulty Date: 04/24/2008  
 (c) Registration # : 18611 (d) Submitter Type : A - CARRIER PART 121  
 (e) Submitter Designator:

2. Codes

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 (a) Operator Designator : CALA (b) Operator Type : Air Carrier  
 (c) JASC/ATA Code : 2612  
 (d) Stage of Operation : LD - LANDING  
 (e) How Discovered : O - Other  
 (f) Nature of Condition : N - FALSE WARNING  
 (g) Precautionary Procedures: F - ACTIVATE FIRE EXT.  
 (h) FAA Region : SW (i) District Office : 27  
 (j) Flight Number :

3. Major Equipment Identity

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	Manufacturer	Model	Serial Number	Total Time	Total Cyc
(a) Aircraft	BOEING	737524	27324	38880	20631
(b) Engine					
(c) Propeller					

4. Problem Description

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 UPON TOUCHDOWN AND T/R ACTIVATION THE A-LOOP NR 2 AFT CARGO SMOKE DETECTOR LIGHT ILLUMINATED. QUICK REFERENCE HANDBOOK FOR CARGO FIRE DETECTION/FIRE WARNING LIGHT D ILLUMINATE. COMPLETED THE CARGO FIRE INDICATION CHECK LIST - BOTTLE DISCHARGED, FIR SMOKE NOT PRESENT IN AFT CARGO PIT. FOUND AIRCRAFT A-LOOP DETECTION LIGHT ON. REMO AND REPLACED AFT CARGO A-LOOP, MFG P/N CGAB1400-00. A3 DETECTOR SYSTEM OPERATION CH GOOD PER AMM 26-16-10.

5. Specific Part or Structure Causing Difficulty

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 (a) Part Name : FIRE LOOP (b) Manufacturer's Name :  
 (c) Part Number : CGAB140000 (d) Serial Number :  
 (e) Part Condition: FAULTY (f) Part/Defect Location: CARGO BAY  
 (g) Total Time : (h) Total Cycles :  
 (i) Time Since : OVERHAUL

6. Component/Assembly That Includes Defective Part

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 (a) Component Name: (b) Manufacturer's Name :  
 (c) Part Number : (d) Serial Number :  
 (e) Model Number : (f) Location :  
 (g) Total Time : (h) Total Cycles :  
 (i) Time Since :

7. Structure Causing Difficulty

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 (a) Body or Fuselage Station - From/At: To:  
 (b) Water Line - From/At: To:  
 (c) Crack Length : (d) Number of Cracks:  
 (e) Stringer - From/At: To:  
 (f) Butt Line - From/At: To:  
 (g) Wing Station - From/At: To:  
 (h) Structural Other: (i) Corrosion Level :