

# Notification of Escape

(Form Instructions Included)

\*\*\* BOEING PROPRIETARY \*\*\*

**1. DOCUMENT IDENTIFICATION**  
1.1. Identification of Customer:  
Boeing Commercial Supplier Code #:

1.3. Document Reference Number:  
Customer #: 578121

1.5. Category\*:

1.2. Identification of Supplier/Subcontractor: BAE SYSTEMS Controls, Inc.

1.4. Document Issue: Rev New

1.6 Number of Sheets:

## 2. IDENTIFICATION OF PRODUCT AFFECTED

2.1 Model of Product/Program: 2.2 Part Number(s):  
Replacement Parts Spares 906-60069-149  
B717 B767  
B737 B777  
B747 B787  
B757 Aircraft  
2.3 Part Description:  
Programmable Gate Array

2.4 Part /Serial Number/Batch/Effectivity Number Lot Number: See Attached  
2.5 Quantity: See Attached  
2.8 Assembly Serial Number \*: See Attached

2.6 Product Number \*: See Attached  
2.7 Work/Purchase Order Number \*: See Attached  
2.9 Assembly Drawing Number \*: See Attached

## 3. DESCRIPTION ON NONCONFORMITY

### 3.1 Detailed Description of Nonconformity:

The noted FPGA is an obsolete part. There is evidence that the components purchased by BAE Systems beginning in December 2008, are reworked parts and unacceptable for use. Inconsistencies include:

- Repainted metal tabs
- Signs of resurfacing
- Bent leads
- Peeling coating
- Nicks and dents on surface of pins

## 5. PROPOSED DISPOSITION OF NONCONFORMITY

### 5.1 Proposed Dispositoy by Supplier/Subcontractor:

BAE systems recommends replacement of the suspect components. It is notable that none of the modules have failed in service.

## 4. DESCRIPTION OF CAUSE/CORRECTIVE ACTION:

### 5.2 Limitations Imposed on the Part Design Decision:

Quality Decision \*:

5.3 Flight Operations That are Affected \*: Describe Below Unknown

## 6. SIGNATURE

### ORIGINATOR

Name: Murry Hall  
Phone: [REDACTED]  
Date: 1/7/2010

## 7. ADDITIONAL INFORMATION

7.1 Which Regulatory(ies) Have Been Notified:

7.2 Availability of Replacement Parts:  
7.3 Availability of Personnel to Perform Work:  
7.4 In-Service Units Affected:

## 8. DISTRIBUTION LIST:

9. HOW DEFICIENCY WAS DISCOVERED: Internal Investigation

10. RESPONSIBLE PQA REPRESENTATIVE: LeRoy Anderson

10.1 Responsible Procurement Agent/ Contract Administrator: Theo Rozario

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### Parts Listing

Part Number	Part Name	Part Identification	Quantity	Boeing PO	Ship Date	AssemblyDrawing	LineUnits
69-78533-1 MOD A	Module Assy - Ice Detection	D00078	1	614-000235217	06-23-2009	69-78533	Unknown
69-78533-1 MOD A	Module Assy - Ice Detection	D00079	1	614-000235217	06-23-2009	69-78533	Unknown
69-78533-1 MOD A	Module Assy - Ice Detection	D00080	1	614-000235217	06-20-2009	69-78533	Unknown
69-78533-1 MOD A	Module Assy - Ice Detection	D00081	1	614-000242510	07-15-2009	69-78533	Unknown
69-78533-1 MOD A	Module Assy - Ice Detection	D00082	1	614-000242510	08-07-2009	69-78533	Unknown
69-78533-1 MOD A	Module Assy - Ice Detection	D00083	1	614-000247118	08-13-2009	69-78533	Unknown
69-78533-1 MOD A	Module Assy - Ice Detection	D00084	1	614-000247118	08-21-2009	69-78533	Unknown
69-78533-1 MOD A	Module Assy - Ice Detection	D00085	1	614-000247118	11-09-2009	69-78533	Unknown

BAE 006091

BAE Systems Proprietary