



EASA Safety Information Bulletin

SIB No.: 2008-82
Issued: 04 September 2008

Subject: Passenger Seats causing Occupant Finger Injuries.

Ref. Publication: Federal Aviation Administration (FAA) Special Airworthiness Information Bulletin (SAIB) NM-08-43 dated 3 September 2008; and Brice Manufacturing Company, Inc. Service Letter SL67205-001 Revision A dated 11 January 2008.

Description: FAA has published the referenced advisory document (attached as page 2 of this bulletin) to advise all owners, operators of aircraft that have Brice Manufacturing Company, Inc. Type B1000 and B1010 series seats installed, that three finger injury incidents have been reported, involving children of age two or less. All three incidents occurred when the children had their finger(s) inserted into the lower inboard facing armrest cavity while the armrest was being lowered from its raised position.

After reviewing the available information, EASA concurs with the advisory and fully supports the FAA recommendations contained therein. This SIB is published to ensure that all owners and operators of the affected aircraft, registered in European Union Member States or associated countries, are aware of these recommendations.

Applicability: Brice Manufacturing Company, Inc. Type B1000 and B1010 series seats and aircraft on which these are known to be installed, as identified in the attached FAA SAIB.

The Brice Manufacturing Company, Inc. SL67205-001 that is referenced in the SAIB is attached as pages 3 through 8 of this bulletin.

Contact: For further information contact the Airworthiness Directives, Safety Management & Research Section, Certification Directorate, EASA.
E-mail: ADs@easa.europa.eu.



FAA
Aircraft Certification Service

SPECIAL AIRWORTHINESS INFORMATION BULLETIN

SAIB: NM-08-43

Date: September 3, 2008

SUBJ: Cabin Equipment/Furnishings - Seats

This is information only. Recommendations aren't mandatory.

Introduction

This Special Airworthiness Information Bulletin (SAIB) informs you that **Brice Manufacturing Company, Inc., Model B1000 and B1010 seats** installed on the airplanes listed below have been identified as having the potential for causing finger injuries. The affected seats were manufactured between January 1, 2004, and December 31, 2007.

- Airbus Model A310-200, -300 series airplanes
- Airbus Model A320-100, -200 series airplanes
- Airbus Model A319-100 series airplanes
- Airbus Model A330-200, -300 series airplanes
- BAE Systems (Operations) Limited Model BAe 146 airplanes
- BAE Systems (Operations) Limited Model Avro 146-RJ airplanes
- Boeing Model 737-200, -300, -500, -700, -800 series airplanes
- Boeing Model 767-200, -300, -400ER series airplanes
- McDonnell Douglas Model DC-9-81 (MD-81), DC-9-82 (MD-82), DC-9-83 (MD-83), DC-9-87 (MD-87), MD-88 airplanes

Background

Brice Manufacturing Company, Inc., reported three finger injury incidents involving children of age two or less. All three incidents occurred when the children had their finger(s) inserted into the lower inboard facing armrest cavity while the armrest was being lowered from its raised position.

Recommendations

Brice Manufacturing Company, Inc., has developed an armrest plug kit to mitigate potential injuries. We recommend that owners/operators of aircraft with the seats identified above incorporate Brice Manufacturing Company, Inc., Service Letter SL67205-001, Revision A, dated January 11, 2008. This service letter provides detailed instructions for the installation of an armrest plug kit.

For Further Information Contact

Simon Leung, Aerospace Engineer, Los Angeles Aircraft Certification Office, 3960 Paramount Boulevard, Suite 100, Lakewood, CA 90712; phone: (562) 627-5346; fax: (562) 627-5210; e-mail: simon.leung@faa.gov.

For Related Service Information Contact

Brice Manufacturing Company, Inc., 10262 Norris Avenue, Pacoima, CA 91331; Attention: Customer Service, phone: (818) 896-2938; fax: (818) 896-9149.


SERVICE LETTER

INTERIOR - PASSENGER SEATS
- TOURIST CLASS STANDARD PASSENGER SEAT ASSEMBLIES -
DESIGN IMPROVEMENT TO MODEL B1000 & B1010
CENTER PIVOTING ARMRESTS

REVISION A

DATED JANUARY 11, 2008

The undersigned have reviewed the attached document and approved it as witnessed by their signatures, below:

Prepared by:  Date: 01/11/08
Technical Writer

Approved by:  Date: 01/11/08
Engineering

SERVICE LETTER

*INTERIOR - PASSENGER SEATS
- TOURIST CLASS STANDARD PASSENGER SEAT ASSEMBLIES -
DESIGN IMPROVEMENT TO MODEL B1000 & B1010
CENTER PIVOTING ARMRESTS*

1. PLANNING INFORMATION

A. Effectivity

This service letter affects the center armrests of all Brice Model B1000 and B1010 Standard Tourist class seat assemblies manufactured between January 1st 2004 to December 31st 2007

These seats were manufactured by Brice Manufacturing Company, Inc. of Pacoima, California USA.

B. Concurrent Requirements

None.

C. Reason

This service letter incorporates a design improvement to all standard pivoting center armrests to protect against possible injury if a finger is forced into a cavity of the pivoting center armrests while an armrest is being lowered from its raised position.

D. Description

This service letter describes the installation of Ethafoam pads in the right hand and left hand cavities (2 cavities each side) of the center armrests. The armrest cavities are filled with Ethafoam pads to prevent possible finger insertion.

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E. Compliance

Not applicable.

F. Approval

The change specified herein is a minor change, not affecting the approved configuration; therefore no governmental approval is required.

G. Manpower

It is estimated that approximately 0.05 man-hour (3.0 minutes) is required per passenger armrest assembly to accomplish this service letter. The estimated time does not include time to access the passenger seats on the aircraft, which is beyond the scope of this service letter.

H. Weight and Balance

None.

I. Electrical Load Data

Not applicable.

J. Software Accomplishment Summary

Not applicable.

K. References

None.

L. Other Publications affected

None.

M. Interchangeability or Intermixability

Not applicable.

SERVICE LETTER

2. MATERIAL INFORMATION

A. Material – Price and Availability

The following parts are required for each affected seat assembly:

ITEM	PART NUMBER	DESCRIPTION	QTY	SOURCE
1	67237-401	KIT, ARMREST PLUG ASSY.	REF *	BRICE MANUFACTURING CO.
2		DENATURED ISOPROPYL ALCOHOL	AR	COMMERCIALY AVAILABLE

* NOTE: Modification kit NO. 67237-401 is for modifying one pivoting armrest.
(A typical triple seat assembly will require two kits of P/N 67237-401 and a
typical double seat assembly will require one kit of P/N 67237-401).

Contact Brice Manufacturing for additional information:

Brice Manufacturing Co. Inc.
10262 Norris Ave.
Pacoima, CA 91331, USA

ATTN: Customer Service
Ph: (818) 896-2938
FAX: (818) 896-9149

B. Industry Support Information

Not applicable.

C. Material Necessary for Each Aircraft/Engine/Component

(1) Material to Be Purchased

- Not applicable.

(2) Materials Supplied by Brice

- 67237-401 Kit, Armrest Plug Assy.

D. Material Necessary for Each Spare

Not applicable.

SERVICE LETTER

E. Re-identification of Parts

Not applicable.

F. Tooling – Price and Availability

Not applicable.

3. ACCOMPLISHMENT INSTRUCTIONS

On each pivoting center armrest of standard assembly do the following:

NOTE: These instructions do not apply to IAT seat assemblies

- (1) Raise the armrest to the full upright position.
- (2) Clean the armrest cavity surfaces with denatured isopropyl alcohol where the pads will be installed.

NOTE: Pads will be installed on the right side and the left side of each pivoting armrest. (Refer to Fig. 1)

- (3) Remove protective film from the pads and apply the adhesive side of the pads to the cleaned surface in the cavities of the armrest. Apply finger pressure to the pad surface to adhere the pad securely into the armrest cavities.
- (4) Test the armrest by moving it from the full upright position to the down position several times. The armrest should move easily without obstruction.
- (5) Note accomplishment of the modification in the appropriate records.

SERVICE LETTER

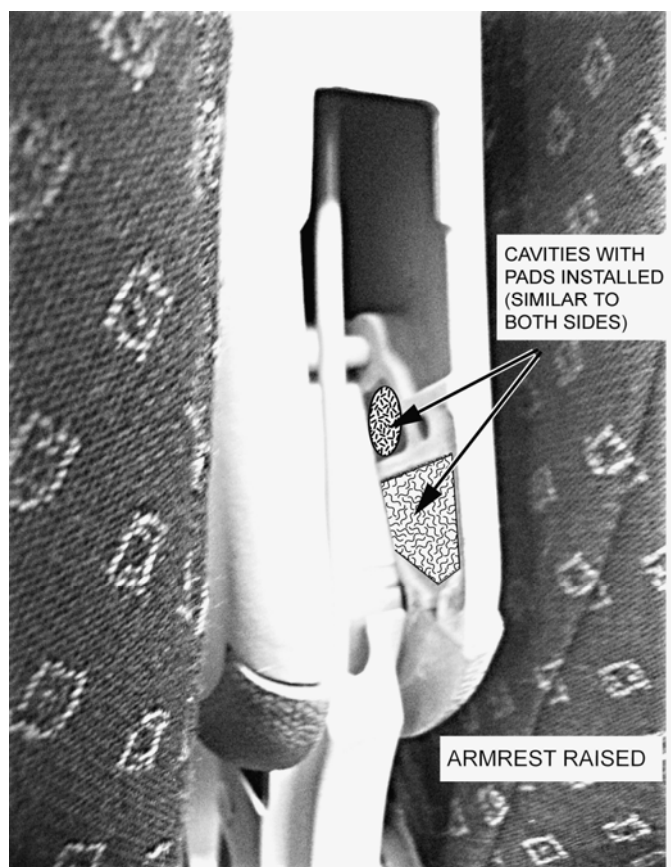


Figure 1 Raised Center Armrest