

Service Bulletin 19



1. General

(a) Service Bulletin No.:	SB19
(b) Revision / Date	0/13 August 2010
(b) Title:	Thunder & Colt Adjustable Height Burner Frames
(c) Description:	Inspection of Dowel Pins
(d) Applicability:	EASA.BA.012, EASA.BA.013
(e) Effectivity:	Burner Frame Part Numbers CB8811 (A0/BFSA/800/A), CB8813 (A0/BFSA/803/A), CB8821 (A0/BFSA/501/A), CB8823 (A3/BFMA/601/A), CB8825 (A3/BFMA/602/A), CB8903. <i>This SB only applies to adjustable height burner frames with dowel pins and grub screws not the later types fitted with bolts (see Section 10 of this document).</i>

Note: Applicability= All types and variants to which the change can be applied.
Effectivity= Actual CN or group of CN's to which the bulletin has been/will be applied.

2. Background: A dowel pin has failed in service. Subsequent investigation suggests that the failure could be due to abnormal loading caused by distortion of the inner frame. This SB only applies to adjustable height burner frames with dowel pins and grub screws not the later types fitted with bolts (see Section 10 of this document).

3. Compliance (Category): Recommended

4. Consequences of Non-Compliance(Possible)

Failure of support system causing secondary damage to burner

5. Accomplishment Instructions

	TASK	NOTES
5.1	Inspect Burner Frame to determine applicability of Service Bulletin (SB)	Refer to Section 10 of this document
5.2	If SB not applicable, make log book entry "SB19 Not applicable"	
5.3	If applicable, remove outer grub screws remove dowel pins and inspect	Inspect for wear, galling, distortion (bending). If any damage is found a dimensional check of the inner frame (C-arm) must be performed. Contact Cameron Balloons for details.
5.4	If pins show signs of wear replace	See Section 6
5.5	Lubricate pins	Molykote 33 low temperature bearing grease or similar.

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5.6	Reassemble ensuring copper washers are present to eliminate lateral float	Copper washers are at pin locations with additional washers (where required) on the opposite side to the gas strut
5.7	Refit grub screws and tighten	Use Loctite 270
5.8	Check: operate gas strut to check for correct operation	
5.8	Make Logbook entry "SB19 completed DD/MM/YYYY", Repeat inspection (including lubrication) required by first inspection date +ten years	

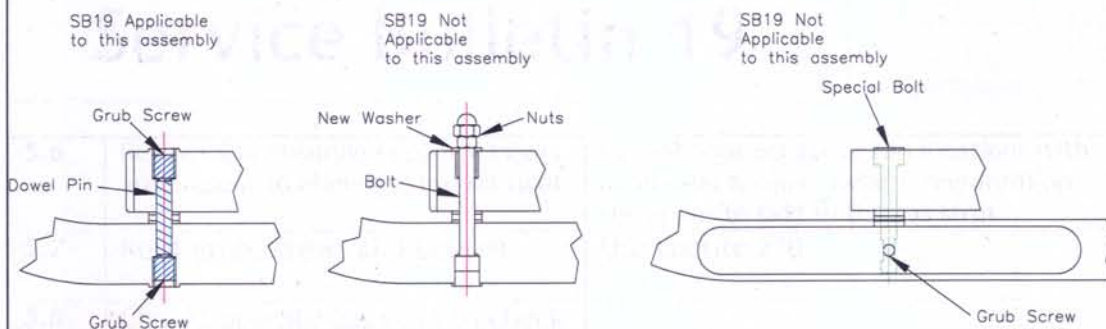
6. Materials: CB 8887-Dowel Pin

7. Other Publications Affected: None

8. Mass(Weight)/Balance: Not Affected

9. Maintenance and Operating Instructions: Not Affected

10. Additional Information: Identification guide



NOTE: The approximate date of manufacture of these assemblies is 1991-1994.

Compiled by:

Notes:

Date: 16/08/2010

Name: F J Davies

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11. Design Organisation Approval

Statement of Compliance Verification

I hereby confirm that the instructions identified in this bulletin provide for practical and well defined installation/inspection methods and when accomplished the product is in conformance with approved design data.

Signed, for and on behalf of Cameron Balloons Ltd.

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Head of Airworthiness



Date: 19-08-10

Name:

Approval Statement

I hereby confirm that these instructions are in compliance with all the applicable airworthiness requirements. The technical content of this document is approved under the authority of DOA nr EASA.21J.140

Signed, for and on behalf of Cameron Balloons Ltd.

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Head of Design



Date: 19-08-10

Name:

Note: If this Service Bulletin is or will become an Airworthiness Directive, a statement to that effect must be entered in Section 10 of this form.