

# Service Bulletin 24



<i>1. General</i>	
(a) Service Bulletin No.:	24
(b) Revision / Date	1 / 27 April 2016 Note: Revised text is in <b>Bold</b> . Text which is no longer applicable has been struck out e.g. <del>no longer applicable</del>
(b) Title:	Sirocco Double Burner, Mounting Bracket Failure
(c) Description:	Inspection / Replacement of gimbal mounting bracket
(d) Applicability:	Manufacturers: <b>Altisph'air, Ballons Libert sprl, Ballonservice &amp; Technik, Balóny Kubíček spol. s.r.o.,</b> Cameron Balloons Ltd., Lindstrand Hot Air Balloons Ltd., Llopis Balloons, Schroeder Fire Balloons GmbH, Ultramagic S.A.  TCDS Numbers: Austria BA 009-ACG, United Kingdom (UK) BB5, UK BB19, UK BB20, UK BB25, EASA.BA.001, EASA.BA.002, EASA.BA.003, EASA.BA.004, EASA.BA.012, EASA.BA.013, EASA.BA.014, EASA.BA.015, EASA.BA.016, EASA.BA.017, EASA.BA.021, EASA.BA.120, EASA.BA.501, EASA.BA.502, EASA.BA.503, EASA.BA.504, EASA.BA.505, EASA.BA.506, EASA.BA.517 and France No.186.  Burner Assembly Part Numbers: CB2691, CB2694, CB2695, CB2698, CB2699, CB 2700, CB2702.
(e) Effectivity:	All CN where Sirocco Double Burners are fitted.
Note: Applicability= All types and variants to which the change can be applied. <b>Effectivity= Actual CN or group of CN's to which the bulletin has been/will be applied.</b>	
<i>2. Background</i>  <b><i>A Sirocco gimbal mount bracket, CB2723, has failed in service after landing. Both burner units detached from the bracket. The burner was supplied in May 2000 and the original bracket is fitted.</i></b>  <b><i>The burner was subjected to an annual inspection (where the bracket is checked) two weeks previous to the failure. There was no indication during this inspection that there was any damage to the bracket.</i></b>  <b><i>The burner is estimated to have done 800 hr flight time.</i></b>	

# Service Bulletin 24



A previous failure occurred where a burner was continually transported by road in the rigged position. As a result, an improved design was introduced in 2012 which is stronger and has additional external welding which is more easily inspected. This service bulletin recommends the replacement of the original bracket (CB2723-Issues A to D) with the latest standard bracket (CB2723-Issue E or later).

**Revision 1: Subsequent investigation by Cameron Balloons Limited and the UK CAA has determined that the failure was not fatigue induced and was possibly the result of unrecorded abuse loading and not as a result of flight operations. It is highly unlikely that similar failure will occur if the burner system is operated in accordance with the Flight Manual.**

**The design improvement further reduces the risk of any further occurrences (due to abuse or fatigue) and it is therefore recommended that the latest standard of bracket is retrofitted when convenient.**

**Revision 1 of this SB changes the compliance category from Required to Recommended as the initial unsafe condition is no longer believed to be present.**

3. Compliance (Category): ~~Required~~ **Recommended**

4. Consequences of Non-Compliance (Possible): ~~Burner unit becoming detached resulting in temporary loss of control of the balloon resulting in an unsafe condition.~~  
**Not Applicable (recommended only).**

5. Required Action (s) and Compliance Times (s)

~~1. For burners that have been transported on the road in the rigged configuration or have 500 or more flight hours (except where the latest standard of bracket is fitted).~~

~~The mounting bracket shall be replaced with the modified bracket (CB2723-Issue E or later) within 10 hr of flight.~~

~~2. For burners with less than 500 flight hours that have not been transported on the road in the rigged configuration (except where the latest standard of bracket is fitted).~~

~~The mounting bracket shall be replaced with the modified bracket (CB2723-Issue E or later) within 20 hr of flight.~~

**Replacement of burner bracket with latest standard (CB2723-Issue E or later) at owner's convenience (recommended). The latest standard of bracket can be identified by visible welds between the central bobbin and the brackets (see Appendix 1)**

6. Accomplishment Instructions Repair is by the replacement of the bracket.  
*Refer to CBL/TN/DCB/2922*

7. Materials CB2723-Issue E or later, Sirocco Mounting Bracket, Double

# Service Bulletin 24



8. Other Publications Affected None

9. Mass(Weight)/Balance: Not affected

10. Maintenance and Operating Instructions: Not affected

11. Additional Information: Note Cameron issue 10 flight manual Section 7, para. 7.4.2

Compiled by:

  
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Notes:

Date: 27/04/2016

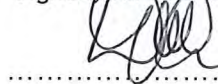
Name: F.J. Davies

## 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

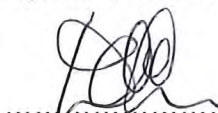
Date: 27/04/2016

Name: D.A. Cameron

### 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: 27/04/2016

Name: D.A. Cameron

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.

Appendix 1:

Cameron Balloons Ltd., St Johns Street  
Bedminster, Bristol BS3 4NH, United Kingdom



Fig 1.1: CB2723-Issue A to D  
Original Bracket (no external  
weld)



Fig 1.2: CB2723-Issue E  
Modified Bracket (additional external  
weld visible)

**Note: Brackets to CB2723 Issue F have the text “F-SB24” engraved on the mounting bracket.**

~~Appendix 2:~~