

## Service Bulletin 14

# Service Bulletin



## 1. General

(a) Service Bulletin No.:	14
(b) Revision / Date	Revision 0 - 12 June 2006
(b) Title:	Colt Propane Cylinders - Liquid off-take fitting inspection
(c) Description:	Detailed visual inspection of weld at the base of the liquid off-take fitting.
(d) Applicability:	All hot air balloon types and variants where Colt V20, V30, V40, H20, H30, H40, H55 propane cylinders are fitted where the liquid off-take incorporates an integral mounting flange for a Quick Shut Off (QSO) system. All Thunder & Colt Hot Air Airship types and variants as above.
(e) Effectivity:	All CN's

**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 crack has been found at the outer edge of the weld at the base of the liquid off-take fitting of a Colt V30 Propane Cylinder (manufactured in 1986).

## 3. Compliance (Category)

Highly Recommended- within 30 Days

## 4. Consequences of Non-Compliance(Possible)

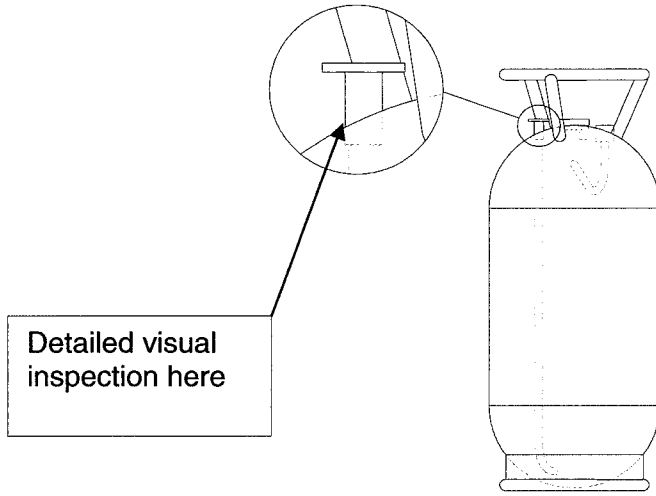
Uncontrolled leak of liquid propane

## 5. Accomplishment Instructions

1. Detailed visual inspection of cylinder(x5 magnification with suitable light source) through 360° at weld between cylinder shell and QSO mounting flange. Refer to Figure 1.
2. Reject any cylinder showing signs of cracking.
3. Report any rejections to Cameron Balloons Ltd.
4. For cylinders that have not yet been pressure tested in accordance with the 10-year periodic inspection programme, perform the periodic inspection at the next annual inspection.

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Figure 1



6. **Materials** None

7. **Other Publications Affected** None

8. **Mass(Weight)/Balance:** Not Affected

9. **Maintenance and Operating Instructions** Not Affected

10. **Additional Information**

Compiled by:

Notes:

Date: 12/06/06

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.

Head of Airworthiness



Date: 12-06-06

Name:

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### 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.



Head of Design

Date: 12/06/06

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.