

Notice No.

AWN – 02-16

Date:

10 Oct 2016

Hydrostatic Test Requirements for High Pressure Cylinders



1 INTRODUCTION

- 1.1 The Airworthiness Notice is a replacement for the former 'Letter to Operators' (LTOs).
- 1.2 This Airworthiness Notice replaces 'LTO: AIR 02-16' published 2nd March 2016. There are no significant differences to the instructions published in 'LTO: AIR 02-16' and this AWN.
- 1.3 Following removal by several Type Certificate Holders from various Maintenance Review Board Reports (MRBR) or Maintenance Planning Documents (MPD), of the hydrostatic test requirements, the BCAA is providing clarification regarding the applicable maintenance programme requirements for hydrostatic testing of High Pressure cylinders installed on Bermuda registered aircraft.

2 BACKGROUND

- 2.1 The maintenance task for the hydrostatic test of pressure bottles installed on aircraft is generated by:
 - (a) Maintenance Steering Group-3(MSG-3) logic analysis, reflected in the MRBR, MPD or Maintenance manual chapter 4 or 5 of the manufacturer maintenance manual; or
 - (b) National requirements, various aeronautical or non-aeronautical national regulations require hydrostatic test for pressure vessel; or
 - (c) Vendor/ equipment manufacturer recommendations; in addition, vendors of these bottles may publish maintenance recommendations applicable to their equipment.
- 2.2 Air Safety Support International (ASSI) has not published any requirements on this subject.


3 INSTRUCTIONS


- 3.1 The operators of Bermuda registered aircraft shall include in their maintenance programmes the hydrostatic test task recommended by the following:
 - (a) When the hydrostatic test is identified by the MSG-3 analysis, then the task is applicable to all aircraft using the MRBR/MPD and must be included in the aircraft operator maintenance programme. When the task makes reference to additional regulation, the additional regulation is considered to be applicable for the performance of the tasks.
 - (b) Vendor/ equipment manufacturer recommendations.
 - (c) If the source is a national regulation, then the task is only applicable to aircraft or operator under the concerned jurisdiction.



4 ENQUIRIES

- 4.1 Enquiries regarding the content of this Notice should be addressed to the Bermuda Civil Aviation Authority. Enquiries can be sent by email to info@bcaa.bm.


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Thomas Dunstan, Director General

A circular blue seal of the Bermuda Civil Aviation Authority (BCAA) is located to the right of the signature. The seal contains the text "BERMUDA CIVIL AVIATION AUTHORITY" around the top edge and "BCAA" in the center, with "BERMUDA" at the bottom.