Design Change: CAPPING OF CABIN SYSTEMS REDUNDANT WIRING

Project No: AAG-17-C028

Effective Aircraft:

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Head of Design Organisation (HDO),
Atlantic Aviation Group,
Shannon Airport, Co. Clare
Ireland
1.0 Signatures

COMPILED BY

[Signature]
Joseph Doona
2017.11.09 17:26:32 Z

CHECKED BY

[Signature]
Colm Carty
2017.11.09 17:31:04 Z

APPROVED – Head of Airworthiness (HOA)

[Signature]
Colm Carty
2017.11.09 17:31:25 Z

2.0 Record of Revisions

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4.0 Introduction

This Instruction for Continued Airworthiness (ICA) document has been developed using the guidelines in Appendix “H” of EASA CS 25 as required by Commission Regulation (EC) 748/2012 Part 21A Subpart D (21A.107) and CS 25.1529. This document is designed to provide aircraft technicians with sufficient information to inspect, troubleshoot, adjust, repair, test, remove, and install the components pertaining to the subject Atlantic Aviation Group (AAG) Design Change.

The Appendixes to this ICA list the documents that constitute the required information considered essential for continued airworthiness of the aircraft. These manual supplements are effective for the aircraft listed on the front sheet of this document, using the Effectivity numbers stated to identify differences between each configuration.

This document is also the means by which recommendations for the amendment of Maintenance Schedules and Maintenance Manuals is advised.

The information in this document supplements or supersedes the original manufacturer’s maintenance manuals only in those areas listed. For limitations, procedures and other information not contained in this document, refer to the aircraft manufacturer’s maintenance manuals, illustrated parts manuals and wiring diagrams or the vendor manuals as listed in the LOAP (APPENDIX A).

5.0 Revisions

For continuous use, the revision status of this ICA must be confirmed and maintained. Refer to the Record of Revision for information relevant to changes made to this document since initial issue. Each time the Design Change holder finds it necessary to revise this document; a revision will be distributed to all users of the Design Change.

Upon receipt of the revision, any publications produced on the basis of the information contained herein should be reviewed and updated accordingly.

It is the responsibility of the person(s) performing maintenance on the installed system to ensure that this document is current prior to performing any maintenance in accordance with this document. The current revision number may be verified by contacting Atlantic Aviation Group Design Services.
6.0 EWIS

EWIS – This Design Engineering Change has been reviewed as per the guidance provided in AMC 20-21 and AMC 20-23, and it has been determined that this Change does not necessitate a revision to EWIS ICA previously developed for this aircraft model.

7.0 Airworthiness Limitations

There are no airworthiness limitations associated with this Design Change.

8.0 Maintenance Scheduling Recommendations
9.0 Contact Details

9.1 Technical Enquiries
Defect reporting or queries of a general nature concerning the changed product should be directed to:

Design Services
Atlantic Aviation Group,
Shannon Airport,
Co. Clare,
Ireland
Email: designreporting@atlanticaviation.ie

Please use Reporting Form DOF-052 provided on the next page.

9.2 Supply of Parts
Replacement parts to support the changed product may be ordered from:

Design Services
Atlantic Aviation Group,
Shannon Airport,
Co. Clare,
Ireland
Email: designservices@atlanticaviation.ie

9.3 Occurrence Reporting
Form DOF-052 is provided on the next page for reporting of information related to failures, malfunctions, defects or other occurrences which cause or might cause adverse effects on the continuing airworthiness of a product, part or appliance related to a Design issued by Atlantic Aviation Group Design Organisation.
INSTRUCTIONS FOR CONTINUED AIRWORTHINESS
DOA No. EASA.21J.540

REPORTING FORM
DOA No. EASA.21J.540

Purpose:
This form is provided as a means to submit information related to failures, malfunctions, defects or other occurrences which cause or might cause adverse effects on the continuing airworthiness of a product, part or appliance related to a Design issued by Atlantic Aviation Group Design Organisation.

Procedure:
In the event of an occurrence, during the embodiment (or production) of a Design, or during subsequent operations, please complete this form and forward it by email to designreporting@atlanticaviation.ie

Atlantic Aviation Group Design Organisation may be contacted by telephone on +353 61 717 700

Please provide the following details:

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<th>Aircraft Registration:</th>
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<td>Name:</td>
<td>Signature:</td>
<td>Date:</td>
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Description of Problem, Issue, Incident or Occurrence:

Requested Design Change (if any):

Attach additional sheets as necessary.

Please complete and forward this form by email to: designreporting@atlanticaviation.ie

For Design Office Use

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<th>Occurrence Report</th>
<th>Production/Embodiment Issue</th>
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REFERENCE PROCEDURE DOP-019, DOP-006 & DOP-017

Form Ref No.: DOF-052

REFERENCE PROCEDURE DOP-013 & DOP-018

Form Ref No.: DOF-020

INSTRUCTIONS FOR CONTINUED AIRWORTHINESS

Form Issue and date: Issue 11 – APR. 2017

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10.0 APPENDIX A - LIST OF APPLICABLE PUBLICATIONS

The publications listed in the LOAP constitute the required information essential for continued airworthiness for the aircraft.

<table>
<thead>
<tr>
<th>Document Number</th>
<th>Document Title</th>
<th>Published By/Contact Details</th>
<th>Rev. / Date (or later approved rev.)</th>
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It is the responsibility of the owner/operator to obtain copies of all vendor manuals listed above and to make arrangements with the vendor for provision of an amendment service to same. If any of the parts or appliances for the changed product were supplied to Atlantic Aviation Group. as Buyer Furnished Equipment (BFE), then it is the responsibility of the owner/operator to register with the vendor of such items to ensure future provision of continued airworthiness documents such as service letters or bulletins.
11.0 APPENDIX B – ILLUSTRATED PARTS LIST SUPPLEMENT

<table>
<thead>
<tr>
<th>Figure Item</th>
<th>Part Number</th>
<th>NOMENCLATURE</th>
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– not illustrated
12.0 APPENDIX C – AIRCRAFT MAINTENANCE MANUAL SUPPLEMENT

No change.
13.0 APPENDIX D – ELECTRICAL WIRING MANUAL SUPPLEMENT

Refer to ICA AAG-17-C028-ICA and AAG drawing AAG-23-0003 insert.
14.0 APPENDIX E – STRUCTURE REPAIR MANUAL SUPPLEMENT

No change.