



# PPS Revision Notice

As of August 19, 2020, the following PPS's have been released, having been revised as noted below:

## **PPS 9.04, Issue 50 - Assembly and Installation of Electrical and Electronic Wire Assemblies**

- Specified this is a jointly owned PPS by both De Havilland Aircraft of Canada Limited and Bombardier Inc.
- Deleted use of the following fiberglass lacing tape: A-A-52083-C-2; A-A-52083-C-3; A-A-52083-D-2; or MIL-T-43435 Type IV, Finish F. These were allowed to be used to depletion for more than 3 years. Hence for current production, fiberglass lacing tape to A-A-52083-F-3 shall be used.
- Allowed use of Guideline tape to achieve the maximum allowable gap between a clamp and the wire bundle. However, specified that it is preferred not to wrap the wire bundle in Guideline (filler) tape or woven metal braid to achieve this maximum gap.
- Specified if using non-conductive clamps or if the wire bundle is not covered with an overbraid shield, all heavy feeder cables (i.e., 12 to 2/0 AWG cables) shall be wrapped with Guideline tape at all primary and secondary support locations.

## **PPS 9.06, Issue 43 - Electrical Bonding and Grounding of Aircraft Structures**

- Specified this is a jointly owned PPS by both De Havilland Aircraft of Canada Limited and Bombardier Inc.
- Updated BASF red dye product name, mixed with Humiseal 1B15 sealant, from 335 Neozapon to Orasol Red 335.
- Specified that Paisley Products of Canada Inc. distributes mixed Chase Co. Humiseal 1B15 sealant with BASF Orasol Red 335 dye as Paisley product name "Electrical Connector Coating (Red)".
- Revised Facilities section.
- Revised Note 3 in Table I (Surfaces to be Prepared for Electrical Contact Bonding).
- Deleted Antenna Installation Data table and specified to torque to the engineering drawing torque value.

## **PPS 10.16, Issue 12 - Installation of Heat Shrinkable Tubing, Tape and Identification Sleeves**

- Specified this is a jointly owned PPS by both De Havilland Aircraft of Canada Limited and Bombardier Inc.
- Replaced Figure 1 (M23053/5) and Figure 2 (M23053/8) from issue 11 with one part number breakdown for heat shrinkable tubing as per [PPS 9.01](#).

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This revision notice lists brief summaries of technical changes introduced for each of the revised PPS's. Please note that these summaries are not detailed and are intended only to assist in alerting PPS users to changes which may affect them; refer to the applicable PPS for authorized, detailed procedure and requirements.

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- Specified the maximum temperature for heat shrinkable tubing, M23053/5 (135°C max.) and M23053/8 (175°C max.).
- Added details for TE Connectivity RT555 heat shrinkable tubing.
- Specified Steinel HG 2520E as an example of an acceptable hot air gun.

## **PPS 34.08, Issue 53 - Application of Epoxy-Polyamide Primer (F19 & F45)**

- Specified this is a jointly owned PPS by both De Havilland Aircraft of Canada Limited and Bombardier Inc.
- Specified use of the following documents at frozen revisions for the DASH 8 program - BAERD GEN-018 at Rev. E; BAERD GEN-023 at Rev. A; and BAMS 565-001 at Rev. D.
- Specified that cure oven or area (convection or infrared (IR)) shall be qualified according to AMS 2750 meeting Type D, Class 3 requirements.
- Replaced all reference to "Akzo Nobel" with reference to "AkzoNobel".
- Replaced BAEMM-001 reference with [PPS 13.28](#).
- Specified AkzoNobel Aerospace Coatings Aerodur HS Primer 37092 as a two component system (i.e., 37092 (Base)/92217 (Hardener)).
- Defined pot life.
- Added sample of DH4900 Form to indicate data to be logged.
- Allowed use of alternate equipment cleaning methods, provided all equipment is completely free of primer and contaminants prior to the next use of such equipment.
- Added reference to [PPS 32.35](#) C10 coating if called out on the engineering drawing.

## **PPS 34.39, Issue 13 - Application of Alkyd Baking Enamel (F5)**

- Replaced throughout PPS where "Bombardier" is specified with "De Havilland Aircraft of Canada Limited" or "DHC".
- Specified use of the following documents at frozen revisions for the DASH 8 program - BAERD GEN-007 at Rev. C; BAERD GEN-023 at Rev. A; and BAPS 138-055 at Rev. D.
- Deleted micrometer as an example of a film thickness gauge.
- Defined masking tape and masking paper, if masking of parts are required.
- Added reference to [PPS 32.35](#) C10 coating if called out on the engineering drawing.
- Defined relative humidity recording and/or indicating equipment.

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- Specified to mask off areas which are not to be enamel applied.
- Specified to wear clean lint-free gloves when handling parts for painting.
- Defined pot life.
- Revised mixing ratio of base to catalyst to 4:1 in place of 2:1 as per manufacturer's technical data sheet.
- Revised dry film thickness to 0.002" - 0.004" in place of 0.001" - 0.0015".
- Allowed use of alternate equipment cleaning methods, provided all equipment is completely free of enamel and contaminants prior to the next use of such equipment.

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