Transport Canada Transports Canada

Department of Transport

Part Design Approval

This approval is issued to:

3Points Aviation
91 Watts Avenue
Charlottetown, Prince Edward Island
Canada C1E 2B7

Number: PDA19-21
Issue No.: 1
Approval Date: April 09, 2019
Issue Date: April 09, 2019

Responsible Office:	Prairie and Northern
Aeronautical Product Type or Model:	Bombardier DHC-8-101, DHC-8-102, DHC-8-103, DHC-8-106, DHC-8-201, DHC-8-202, DHC-8-301, DHC-8-311, DHC-8-314, DHC-8-315, DHC-8-400, DHC-8-401, DHC-8-402
Canadian Type Certificate or Equivalent:	A-142
Replacement Part:	Fairing Beam Assemblies Replacement (See Eligibility List)

Installation/Operating Data, Required Equipment and Limitations:

Manufacturing of Replacement Fairing Beam Assemblies must be in accordance with Transport Canada Civil Aviation (TCCA) approved Avio Design Group Master Data List MDLF15000535A Revision "--", dated March 25, 2019 or later TCCA approved revision.

Replacement parts are to be installed, inspected and maintained in accordance with the applicable maintenance manuals appropriate to the aircraft listed above. Replacement parts introduce no new limitations or maintenance requirements.

— See Continuation Sheet —

Conditions: The installation of the approved part is to be limited only to the type / model of aeronautical product(s) listed above

Scott W. Wales
For Minister of Transport

Canada

NOTE: THIS ADDENDUM SHALL REMAIN PART OF THE CERTIFICATE REFERRED TO THEREIN.

ELIGIBILITY LIST

OEM P/N	3Points Aviation P/N	Description	Series Applicability
85350638-005	85350638-005-3PA	Beam Assy (LH)	DHC-8-100/200/300
85350597-003	85350597-003-3PA	Channel Assy, Gang	DHC-8-100/200/300
85350573-103	85350573-103-3PA	Fitting, Fork X427.8	DHC-8-100/200/300
85350585-101	85350585-101-3PA	Fitting, Fork, Machined	DHC-8-100/200/300
85350588-103	85350588-103-3PA	Channel, F/Fairing	DHC-8-100/200/300
85350891-101	85350891-101-3PA	Pin	DHC-8-100/200/300/400
85350638-006	85350638-006-3PA	Beam Assy (RH)	DHC-8-100/200/300
85350573-104	85350573-104-3PA	Fitting, Fork X427.8	DHC-8-100/200/300
85350585-102	85350585-102-3PA	Fitting, Fork, Machined	DHC-8-100/200/300
85350588-104	85350588-104-3PA	Channel, F/Fairing	DHC-8-100/200/300

– End –

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Canada

BOMBARDIER DHC-8 FAIRING BEAM ASSEMBLIES REPLACEMENT

Master Data List

MDLF15000535A

Revision --

Prepared By: M. Jaques

Released By:

AVIO dg
TRANSPORT CANADA
DESIGN APPROVAL ORGANIZATION
NO.: 17-C-01

APPROVED

By: API
Appr'l Date: 09 Apr 2019
Appr'l No.: PDA19-21
Issue No.: 1

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Record of Revisions

Revision	*Date*	*Description*
--	21 Mar 2019	Initial Release

1. GENERAL

The following is a list of all the documents that are approved for the Fairing Beam Assemblies Replacement in the Bombardier DHC-8-100/200/300/400 Series aircraft.

Document Number	Rev	Date	Title
Fabrication Drawings			
85350638-005-3PA	NC	26 Mar 2019	Drawing, Beam Assy (LH)
85350638-006-3PA	NC	26 Mar 2019	Drawing, Beam Assy (RH)
85350597-003-3PA	NC	26 Mar 2019	Drawing, Channel Assy, Gang
85350597-003-3P1-3PA	NC	26 Mar 2019	Drawing, Channel, Gang
85350573-103-3PA	NC	26 Mar 2019	Drawing, Fitting, Fork X427.8
85350573-104-3PA	NC	26 Mar 2019	Drawing, Fitting, Fork X427.8
85350585-101-3PA	NC	26 Mar 2019	Drawing, Fitting, Fork, Machined
85350585-102-3PA	NC	26 Mar 2019	Drawing, Fitting, Fork, Machined
85350588-103-3PA	NC	26 Mar 2019	Drawing, Channel, F/Fairing
85350588-104-3PA	NC	26 Mar 2019	Drawing, Channel, F/Fairing
85350638-005-3P1-3PA	NC	26 Mar 2019	Drawing, Spacer X427.8
85350638-005-3P2-3PA	NC	26 Mar 2019	Drawing, Spacer
85350638-005-3P3-3PA	NC	26 Mar 2019	Drawing, Spacer, Stepped
85350891-101-3PA	NC	26 Mar 2019	Drawing, Pin
Substantiation Data – New			
CPF15000535A	--	25 Mar 2019	Certification Plan, Bombardier DHC-8 Fairing Beam Assemblies Replacement
53-50-00F15-18-09A1	NC	15 Mar 2019	Structural Substantiation Report, Fairing Install – Beam Assemblies
53-50-00F15-18-09A2	NC	29 Mar 2019	Fit Form Function Report, Fairing Install – Beam Assemblies