Transport Canada Transports Canada **Department of Transport**

Part Design Approval

This approval is issued to:

3 Points Aviation Corp.
91 Watts Ave.
Charlottetown, Prince Edward Island
Canada C1E 2B7

Number: PDA17-20
Issue No.: 1
Approval Date: August 01, 2017
Issue Date: August 02, 2017

Responsible Office: Ontario

Aeronautical Product Type or Model: Bombardier 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

Canadian Type Certificate or Equivalent: A-142 (Bombardier 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)

Replacement Part: 85230229-101, 85230237-101, 85230303-101, 85230338-105, 85230447-101, 85230472-103, 85230248-101, 85230306-103, 85230473-109, 85230302-101, 85230303-003, 85230306-003, 85230443-103, 85230237-103, 85230448-001, 85230230-109, 85230231-101, 85230209-009, 852

Installation/Operating Data, Required Equipment and Limitations:

Manufacturing Data:
Manufacturer of replacement part(s) must be in accordance with Transport Canada approved 3 Points Aviation Master Drawing List MDL15015 Rev NC Dated 01 May 2017 or later Transport Canada approved revision.

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

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For Minister of Transport

Canada

Installation and Maintenance Data:
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.

The following ATA 52 Baggage Door Torque Tubes Assembly and select Parts are direct replacements.

Original Part	3 Points Aviation Part	Description
85230209-009	85230209-009-3PMA	Shaft Assy
85230230-109	85230230-109-3PMA	Crank, Fwd
85230229-101	85230229-101-3PMA	Crank, Mid
85230231-101	85230231-101-3PMA	Crank, Aft
85230277-101	85230277-101-3PMA	Collar
85230237-103	85230237-103-3PMA	Shaft
85230237-101	85230237-101-3PMA	Shaft
85230448-001	85230448-001-3PMA	Link Assy
85230447-101	85230447-101-3PMA	Link
85230241-103	85230241-103-3PMA	Shaft
85230247-107	85230247-107-3PMA	Crank
85230306-003	85230306-003-3PMA	Crank Assy, Roller
85230514-101	85230514-101-3PMA	Arm, Roller
85230306-103	85230306-103-3PMA	Crank, Roller
85230536-105	85230536-105-3PMA	Target Switch
85230473-109	85230473-109-3PMA	Crank
85230472-103	85230472-103-3PMA	Shaft
85230302-003	85230302-003-3PMA	Crank Assy, Roller

85230302-101	85230302-101-3PMA	Crank, Roller
85230248-101	85230248-101-3PMA	Collar
85230443-103	85230443-103-3PMA	Crank
85230241-107	85230241-107-3PMA	Shaft
85230303-003	85230303-003-3PMA	Crank Assy, Roller
85230303-101	85230303-101-3PMA	Crank, Roller
85230238-101	85230238-101-3PMA	Crank
85230257-101	85230257-101-3PMA	Crank
85230338-105	85230338-105-3PMA	Shaft
85230304-003	85230304-003-3PMA	Crank Assy
85230304-101	85230304-101-3PMA	Crank, Roller

– End –

MASTER DRAWING LIST

MDL15015

Transport Canada NAPA #: O-17-0229

PDA - Baggage Door Torque Tubes - Selected Parts

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

REV: NC

DATE: 01 May 2017

Document Release By: _____
John Tremblay, Director Engineering

This approval is only applicable to the type/model of aeronautical product specified herein. Prior to incorporating this modification, the installer shall establish that the interrelationship between this change and any other modification(s) incorporated will not adversely affect the airworthiness of the modified product.

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RECORD OF REVISIONS

Rev	Revision Description	Prepared By	Date
NC	Initial Release	John Tremblay	01 May 2017

The information in this document is proprietary to 3 Points Aviation and may not be copied or communicated to a third party without the express written consent of 3 Points Aviation.

This document summarizes all drawing documentation regarding the subject aeronautical product design change. This design change is only applicable to the aircraft as noted. All data is contained herein is proprietary and confidential to 3 Points Aviation. Data shall not be copied, duplicated, disclosed nor used in whole or part by any person, persons or organizations, without the written consent 3 Points Aviation. Only data specified by contractual agreement shall be supplied.

All parts are to be manufactured in accordance with the following drawings:

	Document No.	Rev.	Title	Document Holder
Detail Manufacturing Drawings	IPC ATA 52-30-00 Fig 20			
	85230209-009-3PMA	NC	Shaft Assy	3 Points Aviation
	├ 85230230-109-3PMA	NC	Crank, Fwd	3 Points Aviation
	├ 85230229-101-3PMA	NC	Crank, Mid	3 Points Aviation
	├ 85230231-101-3PMA	NC	Crank, Aft	3 Points Aviation
	├ 85230277-101-3PMA	NC	Collar	3 Points Aviation
	├ 85230237-103-3PMA	NC	Shaft	3 Points Aviation
	└ 85230237-101-3PMA	NC	Shaft	3 Points Aviation
	85230448-001-3PMA	NC	Link Assy	3 Points Aviation
	└ 85230447-101-3PMA	NC	Link	3 Points Aviation
	IPC ATA 52-30-00 Fig 30			
	Tube Assy, Baggage Door Torque Tube Lower Fwd			
	85230241-103-3PMA	NC	Shaft	3 Points Aviation
	85230247-107-3PMA	NC	Crank	3 Points Aviation
	85230306-003-3PMA	NC	Crank Assy, Roller	3 Points Aviation
	├ 85230514-101-3PMA	NC	Arm, Roller	3 Points Aviation
	└ 85230306-103-3PMA	NC	Crank, Roller	3 Points Aviation
	Tube Assy, Baggage Door Torque Tube Upper Fwd			
	85230536-105-3PMA	NC	Target Switch	3 Points Aviation
	85230473-109-3PMA	NC	Crank	3 Points Aviation
	85230472-103-3PMA	NC	Shaft	3 Points Aviation
	85230302-003-3PMA	NC	Crank Assy, Roller	3 Points Aviation
	├ 85230514-101-3PMA	NC	Arm, Roller	3 Points Aviation
	└ 85230302-101-3PMA	NC	Crank, Roller	3 Points Aviation
	IPC ATA 52-30-00 Fig 35			
	Tube Assy, Baggage Door Torque Tube Lower Aft			
	85230248-101-3PMA	NC	Collar	3 Points Aviation
	85230443-103-3PMA	NC	Crank	3 Points Aviation
	85230241-107-3PMA	NC	Shaft	3 Points Aviation
	85230303-003-3PMA	NC	Crank Assy, Roller	3 Points Aviation
	├ 85230514-101-3PMA	NC	Arm, Roller	3 Points Aviation
	└ 85230303-101-3PMA	NC	Crank, Roller	3 Points Aviation

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	Tube Assy, Baggage Door Torque Tube Upper Aft			
	85230238-101-3PMA	NC	Crank	3 Points Aviation
	85230257-101-3PMA	NC	Crank	3 Points Aviation
	85230338-105-3PMA	NC	Shaft	3 Points Aviation
	85230304-003-3PMA	NC	Crank Assy	3 Points Aviation
	├ 85230514-101-3PMA	NC	Arm, Roller	3 Points Aviation
	└ 85230304-101-3PMA	NC	Crank, Roller	3 Points Aviation
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The following reference specifies documentation utilized to certify the subject aeronautical product design change.

	Reference Document No.	Rev.	Title	Document Holder
Certification Record	CR15015	NC	Certification Record	3 Points Aviation

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