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Canada

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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: PDA16-6

Issue No.: 2

Approval Date: March 31, 2016

Issue Date: January 10, 2017

Responsible Office:

Atlantic

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

Canadian Type Certificate or Equivalent:

A-142

Replacement Part:

ATA 32 Nose Landing Gear Forward Door Actuating Link
Mechanism Assy and Selected Parts and Assemblies as listed
on page 2 and 3 of this Parts Design Approval

**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 MDL15008 Rev NC or later Transport Canada approved revision.

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.

-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



Paul Garner
For Minister of Transport

Canada

*(Continuation Sheet)*

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

The following ATA 32 Nose Landing Gear Door Strut Linkage Assemblies (pre-mod 8/1737) are direct replacement:

Original Part	3 Points Aviation Part	Description
83232034-001	83232034-001-3PMA	Rod Assy, Strut Door Mechanism
83232036-001	83232036-001-3PMA	End Assy, Rod
83232036-101	83232036-101-3PMA	End, Rod
83232011-105	83232011-105-3PMA	Spacer, NLG Doors
83232035-101	83232035-101-3PMA	Yoke
83232019-003	83232019-003-3PMA	Swivel Assy, Strut Door Lower
83232023-101	83232023-101-3PMA	Bracket
83232025-101	83232025-101-3PMA	Fork
CSP192-101	CSP192-101-3PMA	Washer
83232020-101	83232020-101-3PMA	Washer
83232021-101	83232021-101-3PMA	Bushing
83232021-103	83232021-103-3PMA	Bushing
83232024-003	83232024-003-3PMA	Swivel Assy, Strut Door Upper
83232024-103	83232024-103-3PMA	Swivel
83232026-101	83232026-101-3PMA	Bushing, Special, Door, NLG
83232037-101	83232037-101-3PMA	Nut
83232011-113	83232011-113-3PMA	Spacer, NLG Doors

-See Continuation Sheet-



(Continuation Sheet)

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

The following ATA 32 Nose Landing Gear Door Strut Linkage Parts for the 83232044-003 Linkage Assy, Nose Landing Gear are direct replacement:

Original Assy P/N	3 Points Aviation Assy P/N	Description
83232044-003	83232044-003-3PMA	Linkage Assy, Nose Landing Gear
83232043-003	83232043-003-3PMA	Bracket Assy, Nose Landing Gear
83232041-001	83232041-001-3PMA	Link Assy
83232039-001	83232039-001-3PMA	Fork Assy
83232040-001	83232040-001-3PMA	Push Rod Assy
83232043-103	83232043-103-3PMA	Bracket
83232041-101	83232041-101-3PMA	Link
83232039-101	83232039-101-3PMA	Fork, Nose Landing Gear
83232040-101	83232040-101-3PMA	Rod, Push
83232038-101	83232038-101-3PMA	Fork
83232042-101	83232042-101-3PMA	Threaded Bearing

– End –



MASTER DRAWING LIST

MDL15008

Transport Canada NAPA #: O-15-0529

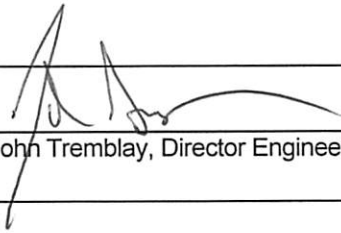
PDA
NLG Door Strut Components

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: 16 Dec 2015

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.

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.

RECORD OF REVISIONS

Rev	Revision Description	Prepared By	Date
NC	Initial Release	John Tremblay	16 Dec 2015

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:

Selected Parts / Assemblies from Nose Gear Linkage as shown in Bombardier DHC8 IPC 32-20-00 Fig 25 (pre-mod 8/1737):

	Document No.	Rev.	Title	Document Holder
Detail Manufacturing Drawings	83232034-001-3PMA	NC	Rod Assy, Strut Door Mechanism	3 Points Aviation
	83232036-001-3PMA	NC	End Assy, Rod	3 Points Aviation
	83232036-101-3PMA	NC	End, Rod	3 Points Aviation
	83232011-105-3PMA	NC	Spacer, NLG Doors	3 Points Aviation
	83232035-101-3PMA	NC	Yoke	3 Points Aviation
	-	-	-	-
	83232019-003-3PMA	NC	Swivel Assy, Strut Door Lower	3 Points Aviation
	83232023-101-3PMA	NC	Bracket	3 Points Aviation
	83232025-101-3PMA	NC	Fork	3 Points Aviation
	CSP192-101-3PMA	NC	Washer	3 Points Aviation
	83232020-101-3PMA	NC	Washer	3 Points Aviation
	83232021-101-3PMA	NC	Bushing	3 Points Aviation
	83232021-103-3PMA	NC	Bushing	3 Points Aviation
	-	-	-	-
	83232024-003-3PMA	NC	Swivel Assy, Strut Door Upper	3 Points Aviation
	83232024-103-3PMA	NC	Swivel	3 Points Aviation
	83232026-101-3PMA	NC	Bushing, Special, Door, NLG	3 Points Aviation
	-	-	-	-
	83232037-101-3PMA	NC	Nut	3 Points Aviation
	83232011-113-3PMA	NC	Spacer, NLG Doors	3 Points Aviation
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83232044-003 Linkage Assy, Nose Landing Gear:

	Document No.	Rev.	Title	Document Holder
Detail Manufacturing Drawings	83232044-003-3PMA	NC	Linkage Assy, Nose Landing Gear	3 Points Aviation
	83232043-003-3PMA	NC	Bracket Assy, Nose Landing Gear	3 Points Aviation
	83232041-001-3PMA	NC	Link Assy	3 Points Aviation
	83232039-001-3PMA	NC	Fork Assy	3 Points Aviation
	83232040-001-3PMA	NC	Push Rod Assy	3 Points Aviation
	83232043-103-3PMA	NC	Bracket	3 Points Aviation
	83232041-101-3PMA	NC	Link	3 Points Aviation
	83232039-101-3PMA	NC	Fork, Nose Landing Gear	3 Points Aviation
	83232040-101-3PMA	NC	Rod, Push	3 Points Aviation
	83232038-101-3PMA	NC	Fork	3 Points Aviation
	83232042-101-3PMA	NC	Threaded Bearing	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	CR15008	NC	Certification Record	3 Points Aviation