



U.S. Department
of Transportation
**Federal Aviation
Administration**

Manufacturing Inspection District Office, 41
Building 85-214 Bradley International Airport
Windsor Locks, CT 06096
TEL: 860-654-1090
FAX: 860-654-1089

April 7, 2009

R & D Dynamics, Inc.
15 Barber Pond Road
Bloomfield, CT 06002

FEDERAL AVIATION ADMINISTRATION – PARTS MANUFACTURER APPROVAL

In accordance with the provisions of Title 14, Code of Federal Regulations (14 CFR), Part 21, Certification Procedures for Products and Parts, subpart K, the FAA has found that the design data, based on test and computation submitted by R & D Dynamics, Inc., with your letter dated March 18, 2009, meet the airworthiness requirements of the regulations applicable to the products on which the parts are to be installed. Additionally, the FAA has determined that R & D Dynamics, Inc., has established the fabrication inspection system required by § 21.303(h) at 15 Barber Pond Road, Bloomfield, CT. Accordingly, Parts Manufacturer Approval (PMA) is hereby granted for production of the replacement parts listed in the enclosed Supplement No. 19.

You are reminded that the provisions of 14 CFR, Parts 21 and 45, noted in our PMA letter of approval dated May 12, 1999, also apply to the enclosed PMA Listing-Supplement No. 19. The enclosed supplement should be retained with the original PMA letter as evidence of approval to produce the parts concerned.

Sincerely,

A handwritten signature in black ink, appearing to read "Paul T. Horridge".

Paul T. Horridge, Acting Manager
Windsor Locks Manufacturing Inspection District Office

Enclosure:
PMA Listing-Supplement No. 19

FEDERAL AVIATION ADMINISTRATION - PARTS MANUFACTURER APPROVAL

R&D Dynamics Corporation
15 Barber Pond Road.
Bloomfield, CT 06002

PMA NO. PQ1092NE
SUPPLEMENT NO. 19
DATE April 7, 2009

Part Name	Part Number	Approved Replacement for Part Number	Approval Basis and Approved Design Data	Make Eligibility	Model Eligibility
Wheel, Turbine	RD3470-73	3470-73	Test and Computations per 14 CFR § 21.303 <u>DWG No:</u> 613101 <u>Rev:</u> A <u>Date:</u> 8/15/08 or later FAA-approved revisions	Bombardier Inc.	CL-600-2C10 CL-600-2D15 CL-600-2D24
Shaft, Compressor, S/A	RD3470-064	3470-064	Test and Computations per 14 CFR § 21.303 <u>DWG No:</u> 613102 <u>Rev:</u> A <u>Date:</u> 7/21/08 or later FAA-approved revisions	Bombardier Inc.	CL-600-2C10 CL-600-2D15 CL-600-2D24
Wheel, Fan, S/A	RD3470-051	3470-051	Test and Computations per 14 CFR § 21.303 <u>DWG No:</u> 613103 <u>Rev:</u> A <u>Date:</u> 8/11/08 or later FAA-approved revisions	Bombardier Inc.	CL-600-2C10 CL-600-2D15 CL-600-2D24
Stop	RD3470-75	3470-75	Test and Computations per 14 CFR § 21.303 <u>DWG No:</u> 613104 <u>Rev:</u> A <u>Date:</u> 8/15/08 or later FAA-approved revisions	Bombardier Inc.	CL-600-2C10 CL-600-2D15 CL-600-2D24
Rod, Tie	RD3470-76	3470-76	Test and Computations per 14 CFR § 21.303 <u>DWG No:</u> 613105 <u>Rev:</u> A <u>Date:</u> 6/3/08 or later FAA-approved revisions	Bombardier Inc.	CL-600-2C10 CL-600-2D15 CL-600-2D24

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Part Name	Part Number	Approved Replacement for Part Number	Approval Basis and Approved Design Data	Make Eligibility	Model Eligibility
Diffuser	RD3470-56	3470-56	Test and Computations per 14 CFR § 21.303 <u>DWG No: 613106</u> <u>Rev: A</u> <u>Date: 7/24/08 or later</u> FAA-approved revisions	Bombardier Inc.	CL-600-2C10 CL-600-2D15 CL-600-2D24
Bearing, Thrust (CW)	RDS978C035	S978C035	Test and Computations per 14 CFR § 21.303 <u>DWG No: 613107</u> <u>Rev: A</u> <u>Date: 10/1/08 or later</u> FAA-approved revisions	Bombardier Inc.	CL-600-2C10 CL-600-2D15 CL-600-2D24
Bearing, Thrust (CCW)	RDS979C035	S979C035	Test and Computations per 14 CFR § 21.303 <u>DWG No: 613108</u> <u>Rev: A</u> <u>Date: 10/1/08 or later</u> FAA-approved revisions	Bombardier Inc.	CL-600-2C10 CL-600-2D15 CL-600-2D24
Journal Bearing Assembly	RD3470-67	3470-67 and S970C035	Test and Computations per 14 CFR § 21.303 <u>DWG No: 613109</u> <u>Rev: A</u> <u>Date: 10/1/08 or later</u> FAA-approved revisions	Bombardier Inc.	CL-600-2C10 CL-600-2D15 CL-600-2D24
Ring, Sealing, Shrunk	RD3470-038B	3470-038B	Test and Computations per 14 CFR § 21.303 <u>DWG No: 613110</u> <u>Rev: A</u> <u>Date: 9/30/08 or later</u> FAA-approved revisions	Bombardier Inc.	CL-600-2C10 CL-600-2D15 CL-600-2D24

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Part Name	Part Number	Approved Replacement for Part Number	Approval Basis and Approved Design Data	Make Eligibility	Model Eligibility
Ring, Sealing, Shrunk	RD3470-031A	3470-031A	Test and Computations per 14 CFR § 21.303 <u>DWG No:</u> 613111 <u>Rev:</u> A <u>Date:</u> 9/2/08 or later FAA-approved revisions	Bombardier Inc.	CL-600-2C10 CL-600-2D15 CL-600-2D24
Ring, Sealing, Shrunk	RD3470-030A	3470-030A	Test and Computations per 14 CFR § 21.303 <u>DWG No:</u> 613112 <u>Rev:</u> A <u>Date:</u> 8/14/08 or later FAA-approved revisions	Bombardier Inc.	CL-600-2C10 CL-600-2D15 CL-600-2D24
Nut	RD3470-78	3470-78	Test and Computations per 14 CFR § 21.303 <u>DWG No:</u> 613113 <u>Rev:</u> A <u>Date:</u> 7/9/08 or later FAA-approved revisions	Bombardier Inc.	CL-600-2C10 CL-600-2D15 CL-600-2D24
Nut	RD3470-77	3470-77	Test and Computations per 14 CFR § 21.303 <u>DWG No:</u> 613114 <u>Rev:</u> A <u>Date:</u> 8/13/08 or later FAA-approved revisions	Bombardier Inc.	CL-600-2C10 CL-600-2D15 CL-600-2D24
Washer, Stop	RD3460-74	3460-74	Test and Computations per 14 CFR § 21.303 <u>DWG No:</u> 613115 <u>Rev:</u> A <u>Date:</u> 6/12/08 or later FAA-approved revisions	Bombardier Inc.	CL-600-2C10 CL-600-2D15 CL-600-2D24

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Part Name	Part Number	Approved Replacement for Part Number	Approval Basis and Approved Design Data	Make Eligibility	Model Eligibility
Washer, Wear	RD3470-83	3470-83	Test and Computations per 14 CFR § 21.303 <u>DWG No:</u> 613116 <u>Rev:</u> A <u>Date:</u> 6/19/08 or later FAA-approved revisions	Bombardier Inc.	CL-600-2C10 CL-600-2D15 CL-600-2D24
Injector	RD3470-055	3470-055 and 3470-84 and 3470-69	Test and Computations per 14 CFR § 21.303 <u>DWG No:</u> 613117 <u>Rev:</u> A <u>Date:</u> 8/8/08 or later FAA-approved revisions	Bombardier Inc.	CL-600-2C10 CL-600-2D15 CL 600 2D24
Shim	RD3460-38, -39,-87	3460-38, -39,-87	Test and Computations per 14 CFR § 21.303 <u>DWG No:</u> 613118 <u>Rev:</u> A <u>Date:</u> 6/12/08 or later FAA-approved revisions	Bombardier Inc.	CL-600-2C10 CL-600-2D15 CL-600-2D24
Shim	RD3470-128 thru -130	3470-128 thru -130	Test and Computations per 14 CFR § 21.303 <u>DWG No:</u> 613119 <u>Rev:</u> A <u>Date:</u> 6/18/08 or later FAA-approved revisions	Bombardier Inc.	CL-600-2C10 CL-600-2D15 CL-600-2D24
Shroud, Turbine, S/A	RD3470-077	3470-077	Test and Computations per 14 CFR § 21.303 <u>DWG No:</u> 613120 <u>Rev:</u> A <u>Date:</u> 9/29/08 or later FAA-approved revisions	Bombardier Inc.	CL-600-2C10 CL-600-2D15 CL-600-2D24

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Shroud, Compression	RD3470-50	3470-50	Test and Computations per 14 CFR § 21.303 <u>DWG No:</u> 613121 <u>Rev:</u> A <u>Date:</u> 9/29/08 or later FAA-approved revisions	Bombardier Inc.	CL-600-2C10 CL-600-2D15 CL-600-2D24
Housing, S/A	RD3470-050	3470-050	Test and Computations per 14 CFR § 21.303 <u>DWG No:</u> 613122 <u>Rev:</u> A <u>Date:</u> 9/29/08 or later FAA-approved revisions	Bombardier Inc.	CL-600-2C10 CL-600-2D15 CL-600-2D24
Cover	RD3470-43	3470-43	Test and Computations per 14 CFR § 21.303 <u>DWG No:</u> 613123 <u>Rev:</u> A <u>Date:</u> 9/29/08 or later FAA-approved revisions	Bombardier Inc.	CL-600-2C10 CL-600-2D15 CL-600-2D24

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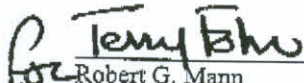
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Flange, S/A	RD3470-056	3470-056	Test and Computations per 14 CFR § 21.303 <u>DWG No: 613124</u> <u>Rev: A</u> <u>Date: 9/30/08 or later</u> FAA approved revision	Bombardier Inc.	CL-600-2C10 CL-600-2D15 CL-600-2D24
Pin	RD3470-61	3470-61	Test and Computations per 14 CFR § 21.303 <u>DWG No: 613125</u> <u>Rev: A</u> <u>Date: 9/29/08 or later</u> FAA approved revision	Bombardier Inc.	CL-600-2C10 CL-600-2D15 CL-600-2D24

NOTE:

- 1) Provide minor design changes in a manner as determined by the ACO. Handle major design changes to drawings and specifications in the same manner as that for an original FAA-PMA.
- 2) The FAA approved ICA for the above parts with their designs. These ICA may refer to those of respective parts from the holders of type certificates. Otherwise, provide supplemental ICA for differences in the replacement parts. Make referral statements or supplemental ICA readily available per 14 CFR 21.50.


Robert G. Mann
Manager, Boston Aircraft
Certification Office, ANE-150


Paul T. Horridge
Acting Manager, Manufacturing Inspection
District Office, ANE-MIDO-41