



FAA

Manufacturing Inspection District Office, AIR-8A1

**FEDERAL AVIATION ADMINISTRATION – PARTS MANUFACTURER APPROVAL**

R&D Dynamics Corporation  
49 West Dudley Town Road  
Bloomfield, CT 06002

PMA NO. PQ1092NE  
SUPPLEMENT NO.: 46  
DATE: March 16, 2020

| Article Name                       | Article Number | Approved Replacement for Article Number | Approval Basis and Approved Design Data   | Make/TCH Eligibility  | Model/Series Eligibility  |
|------------------------------------|----------------|---|---|---|---|
| Bearing Thrust - Matched Set (CW)  | RD2806339-1    | 2806339-1                               | Test and Computations per 14 CFR § 21.303, DWG No: 602107, Rev: C<br>Date: 08/02/19 or later FAA-approved revisions | Bombardier Inc.<br><br>ATR<br><br>Textron Aviation Inc.<br><br>Yaborã | CL-600-1A11 (600), CL-600-2A12 (601), CL-600-2B16 (601-3A Variant), CL-600-2B16 (601-3R Variant), CL-600-2B16 (604 Variant), CL-600-2B19 (Regional Jet Series 100 & 440), CL-600-2C10 (Regional Jet Series 700, 701 & 702), CL-600-2D15 (Regional Jet Series 705), CL-600-2D24 (Regional Jet Series 900), CL-600-2E25 (Regional Jet Series 1000)<br><br>ATR42-200,-300,-320,-500.<br>ATR72-101,-102,-201,-202,-211,-212,-212A<br><br>MU-300-10, 400, 400A, 400T.<br><br>EMB-120,-120RT,-120ER, -120FC, -120QC |
| Bearing Thrust - Matched Set (CCW) | RD2806339-2    | 2806339-2                               | Test and Computations per 14 CFR § 21.303, DWG No: 602106, Rev: C<br>Date: 08/01/19 or later FAA-approved revisions | Bombardier Inc.<br><br>ATR<br><br>Textron Aviation Inc.<br><br>Yaborã | CL-600-1A11 (600), CL-600-2A12 (601), CL-600-2B16 (601-3A Variant), CL-600-2B16 (601-3R Variant), CL-600-2B16 (604 Variant), CL-600-2B19 (Regional Jet Series 100 & 440), CL-600-2C10 (Regional Jet Series 700, 701 & 702), CL-600-2D15 (Regional Jet Series 705), CL-600-2D24 (Regional Jet Series 900), CL-600-2E25 (Regional Jet Series 1000)<br><br>ATR42-200,-300,-320,-500.<br>ATR72-101,-102,-201,-202,-211,-212,-212A<br><br>MU-300-10, 400, 400A, 400T.<br><br>EMB-120,-120RT,-120ER, -120FC, -120QC |
| Wheel, Turbine                     | RD2206508-1    | 2206508-1                               | Test and Computations per 14 CFR § 21.303, DWG No: 602204, Rev: A<br>Date: 09/30/19 or later FAA-approved revisions | ATR   | ATR42-200,-300,-320,-500.   |

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GENERAL NOTES:

Provide minor design changes in a manner as determined by the ACO. Process major design changes to drawings and specifications in the same manner as that for an original FAA-PMA.

The FAA accepted the ICA approach for the above articles with their designs. These ICA may refer to those of the respective articles from the holders of type certificates. Otherwise, provide supplemental ICA for differences in the replacement articles. Make referral statements or supplemental ICA readily available per 14 CFR 21.50.

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