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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.: 40  
DATE: April 3, 2018

Article Name	Article Number	Approved Replacement for Article Number	Approval Basis and Approved Design Data	Make/TCH Eligibility	Model/Series Eligibility
Shaft – Fan End	RD1001235-3	1001235-3	Test and Computations per 14 CFR § 21.303, DWG No: 617118, Rev: A Date: 03/01/18 or later FAA-approved revisions	Embraer	ERJ 170-100- LR, SE, STD, SU. ERJ 170-200- LR, STD, SU.  ERJ 190-100 ECJ, IGW, LR, STD. ERJ 190-200 IGW, LR, STD.
Fan - Cooling	RD1026103-1	1026103-1	Test and Computations per 14 CFR § 21.303, DWG No: 617119, Rev: A Date: 03/01/18 or later FAA-approved revisions	Embraer	ERJ 170-100- LR, SE, STD, SU. ERJ 170-200- LR, STD, SU.  ERJ 190-100 ECJ, IGW, LR, STD. ERJ 190-200 IGW, LR, STD.
Ring - Containment	RD1018508-1	1018508-1	Test and Computations per 14 CFR § 21.303, DWG No: 617120, Rev: A Date: 03/01/18 or later FAA-approved revisions	Embraer	ERJ 170-100- LR, SE, STD, SU. ERJ 170-200- LR, STD, SU.  ERJ 190-100 ECJ, IGW, LR, STD. ERJ 190-200 IGW, LR, STD.

(END OF LISTING)

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.

*Neil DoH*  
NEIL DOH

for **Kevin Dickert, Manager**  
**Boston ACO Branch AIR-7B0**

*Eileen Murphy*

**Eileen Murphy, Manager**  
**Bradley MIDO Section AIR-8A1**