

FEDERAL AVIATION ADMINISTRATION - PARTS MANUFACTURER APPROVAL

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

PMA NO. PQ1092NE
SUPPLEMENT NO. 33
DATE: June 16, 2016

Article Name	Article Number	Approved Replacement for Article Number	Approval Basis and Approved Design Data	Make/TCH Eligibility	Model/Series Eligibility
Shaft, Compressor S-A	RD3456-0106	3456-0106	Test and Computations per 14 CFR § 21.303, <u>DWG No:</u> 609202, <u>Rev:</u> A <u>Date:</u> 02/18/16 or later FAA-approved revisions	Airbus	A319-111,-112,-113, -114,-115, -131,-132,-133. A320-111,-211,-212,-214,-231, -232,-233,-271n. A321-111,-112,-131,-211, -212, -213,-231,-232.
Wheel, Compressor	RD3456-1	3456-1	Test and Computations per 14 CFR § 21.303, <u>DWG No:</u> 609202-1, <u>Rev:</u> A, <u>Date:</u> 02/19/16 or later FAA-approved revisions	Airbus	A319-111,-112,-113, -114,-115, -131,-132,-133. A320-111,-211,-212,-214,-231, -232,-233,-271n. A321-111,-112,-131,-211, -212, -213,-231,-232.
Shaft, CV Long End	RD3456-16	3456-16	Test and Computations per 14 CFR § 21.303, <u>DWG No:</u> 609202-2, <u>Rev:</u> A <u>Date:</u> 03/10/16 or later FAA-approved revisions	Airbus	A319-111,-112,-113, -114,-115, -131,-132,-133. A320-111,-211,-212,-214,-231, -232,-233,-271n. A321-111,-112,-131,-211, -212, -213,-231,-232.
Shaft, CBT Short End	RD3455-3	3455-3	Test and Computations per 14 CFR § 21.303, <u>DWG No:</u> 609202-3, <u>Rev:</u> A <u>Date:</u> 03/10/16 or later FAA-approved revisions	Airbus	A319-111,-112,-113, -114,-115, -131,-132,-133. A320-111,-211,-212,-214,-231, -232,-233,-271n. A321-111,-112,-131,-211, -212, -213,-231,-232.
Wheel, Fan	RD3456-7	3456-7	Test and Computations per 14 CFR § 21.303, <u>DWG No:</u> 609203, <u>Rev:</u> A <u>Date:</u> 03/18/16 or later FAA-approved revisions	Airbus	A319-111,-112,-113, -114,-115, -131,-132,-133. A320-111,-211,-212,-214,-231, -232,-233,-271n. A321-111,-112,-131,-211, -212, -213,-231,-232.
Ring, Sealing	RD3456-47	3456-47	Test and Computations per 14 CFR § 21.303, <u>DWG No:</u> 609205, <u>Rev:</u> A <u>Date:</u> 03/18/16 or later FAA-approved revisions	Airbus	A319-111,-112,-113, -114,-115, -131,-132,-133. A320-111,-211,-212,-214,-231, -232,-233,-271n. A321-111,-112,-131,-211, -212, -213,-231,-232.

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Article Name	Article Number	Approved Replacement for Article Number	Approval Basis and Approved Design Data	Make/TCH Eligibility	Model/Series Eligibility
Ring, Sealing Shrunken	RD3456-48	3456-48	Test and Computations per 14 CFR § 21.303, <u>DWG No:</u> 609206, <u>Rev:</u> A, <u>Date:</u> 03/18/16 or later FAA-approved revisions	Airbus	A319-111,-112,-113, -114,-115, -131,-132,-133. A320-111,-211,-212,-214,-231, -232,-233,-271n. A321-111,-112,-131,-211, -212, -213,-231,-232.
Washer, Balancing	RD3456-25	3456-25	Test and Computations per 14 CFR § 21.303, <u>DWG No:</u> 609214, <u>Rev:</u> A, <u>Date:</u> 03/18/16 or later FAA-approved revisions	Airbus	A319-111,-112,-113, -114,-115, -131,-132,-133. A320-111,-211,-212,-214,-231, -232,-233,-271n. A321-111,-112,-131,-211, -212, -213,-231,-232.
Shroud	RD3456-22	3456-22	Test and Computations per 14 CFR § 21.303, <u>DWG No:</u> 609226, <u>Rev:</u> A, <u>Date:</u> 03/18/16 or later FAA-approved revisions	Airbus	A319-111,-112,-113, -114,-115, -131,-132,-133. A320-111,-211,-212,-214,-231, -232,-233,-271n. A321-111,-112,-131,-211, -212, -213,-231,-232.
Diffuser, S-A	RD3456-045	3456-045	Test and Computations per 14 CFR § 21.303, <u>DWG No:</u> 609229, <u>Rev:</u> A, <u>Date:</u> 03/18/16 or later FAA-approved revisions	Airbus	A319-111,-112,-113, -114,-115, -131,-132,-133. A320-111,-211,-212,-214,-231, -232,-233,-271n. A321-111,-112,-131,-211, -212, -213,-231,-232.
Pin	RDS527AB020178	S527AB020178	Test and Computations per 14 CFR § 21.303, <u>DWG No:</u> 609240, <u>Rev:</u> A, <u>Date:</u> 03/18/16 or later FAA-approved revisions	Airbus	A319-111,-112,-113, -114,-115, -131,-132,-133. A320-111,-211,-212,-214,-231, -232,-233,-271n. A321-111,-112,-131,-211, -212, -213,-231,-232.

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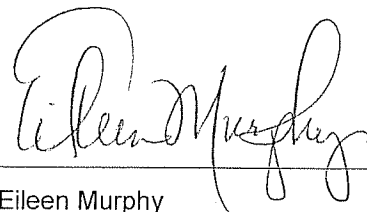
GENERAL NOTES:

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.



for Raymond Reinhardt
 Acting Manager, Boston Aircraft Certification Office



Eileen Murphy
 Acting Manager, Bradley Manufacturing Inspection
 District Office, ANE-MIDO-41