



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

Manufacturing Inspection District Office, 42  
Building 85-214 Bradley International Airport  
Windsor Locks, CT 06096  
TEL: 860-654-1090  
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February 22, 2001

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

ATTN: Mr. Eugene F. Sullivan, Program Manager

**FEDERAL AVIATION ADMINISTRATION - PARTS MANUFACTURER APPROVAL**

In accordance with the provisions of 14 CFR Part 21, Subpart K, the FAA has found that the design data, based on test and computation, submitted by R&D Dynamics Corporation, with letter dated August 1, 2000, meets the airworthiness requirements of the Federal Aviation Regulations applicable to the product(s) on which the part(s) are to be installed. Additionally, it has been determined that R&D Dynamics Corporation, has established the fabrication inspection system required by Part 21 § 21.303(h), at 15 Barber Pond Road, Bloomfield, CT 06002.

Accordingly, Parts Manufacturer Approval (PMA) is hereby granted for production of the replacement part(s) listed in the enclosed Supplement No. 7, in conformity with the enclosed FAA-approved design data. Any subsequent changes to these design data must be approved in a manner acceptable to the FAA.

You are reminded that provisions of the Federal Aviation Regulations, noted in our PMA letter of May 12, 1999, also apply to the enclosed PMA Listing-Supplement No. 7.

Sincerely,

A handwritten signature in black ink, appearing to read "Francis A. Favara".

Francis A. Favara  
Manager, ANE-MIDO-42

Enclosure

FEDERAL AVIATION ADMINISTRATION – PARTS MANUFACTURER APPROVAL

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


PMA No. PQ1092NE  
SUPPLEMENT NO. 7  
DATE February 22, 2001

Part Name	Part Number	Approved Replacement for Allied Signal Part Number	Approval Basis and Approved Design Data	Make Eligibility	Model Eligibility
Impeller-Axial	RD2205358-1	2205358-1	Test and computation per 14 CFR § 21.303 <u>DWG No: 606101</u> <u>Rev: A</u> <u>Date: 12/3/99</u>	Boeing  Airbus	DC-10-10, -10F, -15, -30, -30F, -40, -40F MD-11, -11F A300, Model B2-1A, B2-1C, B4-2C, B2K-3C, B4-103, B2-203, B4-203, B4-601, B4-603, B4-620, B4-605R, B4-622R, F4-605R, F4-622R A310, Model 221, 222, 203, 322, 324, 304, 325
Shaft-Fan End	RD2206706-1	2206706-1	Test and computation per 14 CFR § 21.303 <u>DWG No: 606102</u> <u>Rev: A</u> <u>Date: 7/28/00</u>	Boeing  Airbus	DC-10-10, -10F, -15, -30, -30F, -40, -40F MD-11, -11F A300, Model B2-1A, B2-1C, B4-2C, B2K-3C, B4-103, B2-203, B4-203, B4-601, B4-603, B4-620, B4-605R, B4-622R, F4-605R, F4-622R A310, Model 221, 222, 203, 322, 324, 304, 325
Shaft-Interwheel	RD2206782-1	2206782-1	Test and computation per 14 CFR § 21.303 <u>DWG No: 606103</u> <u>Rev: A</u> <u>Date: 7/28/00</u>	Boeing  Airbus	DC-10-10, -10F, -15, -30, -30F, -40, -40F MD-11, -11F A300, Model B2-1A, B2-1C, B4-2C, B2K-3C, B4-103, B2-203, B4-203, B4-601, B4-603, B4-620, B4-605R, B4-622R, F4-605R, F4-622R A310, Model 221, 222, 203, 322, 324, 304, 325

Disc-Thrust	RD2206781-1	2206781-1	Test and computation per 14 CFR § 21.303 DWG No: 606104 <u>Rev: A</u> <u>Date: 6/15/00</u>	Boeing	DC-10-10, -10F, -15, -30, -30F, -40, -40F MD-11, -11F
				Airbus	A300, Model B2-1A, B2-1C, B4-2C, B2K-3C, B4-103, B2-203, B4-203, B4-601, B4-603, B4-620, B4-605R, B4-622R, F4-605R, F4-622R A310, Model 221, 222, 203, 322, 324, 304, 325
Bushing	RD204987-1	204987-1	Test and computation per 14 CFR § 21.303 DWG No: 606105 <u>Rev: A</u> <u>Date: 7/14/00</u>	Boeing	DC-10-10, -10F, -15, -30, -30F, -40, -40F MD-11, -11F
				Airbus	A300, Model B2-1A, B2-1C, B4-2C, B2K-3C, B4-103, B2-203, B4-203, B4-601, B4-603, B4-620, B4-605R, B4-622R, F4-605R, F4-622R A310, Model 221, 222, 203, 322, 324, 304, 325
Segment Assembly- Bearing	RD204873-1	204873-1	Test and computation per 14 CFR § 21.303 DWG No: 606109 <u>Rev: A</u> <u>Date: 6/5/00</u>	Boeing	DC-10-10, -10F, -15, -30, -30F, -40, -40F MD-11, -11F
				Airbus	A300, Model B2-1A, B2-1C, B4-2C, B2K-3C, B4-103, B2-203, B4-203, B4-601, B4-603, B4-620, B4-605R, B4-622R, F4-605R, F4-622R A310, Model 221, 222, 203, 322, 324, 304, 325

-----End of Listing-----

NOTE: Minor design changes (reference 14 CFR part 21 §§ 21.93 and 21.95) must be submitted in a manner as determined by the ACO. Major design changes (reference 14 CFR part 21 §§ 21.93 and 21.97) to drawings and specifications are to be handled in the same manner as that for an original FAA-PMA.

for 

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



Francis A. Pavara  
Manager, Manufacturing  
Inspection District Office, ANE-MIDO-42