



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

Small Airplane Directorate
Atlanta Manufacturing Inspection
District Office
One Crown Center, Suite 475
1895 Phoenix Blvd
Atlanta, GA 30349

January 28, 1999

Project No. PQ1469CE

Mr. Rick Rathbun
Project Engineer
DEC Technologies, Inc.
501 Industrial Park Road
P.O. Box 583
Piney Flats, TN 37686

Dear Mr. Rathbun:

The statements dated January 25, 1999, certifying that DEC Technologies, Inc. has established a fabrication inspection system that meets the requirements of FAR 21.303(h) for the parts listed are accepted.

Transmitted herein is Production Approval Listing, Supplement No. 48, dated January 28, 1999 which grants approval for the production of the parts listed thereon, under the same conditions and limitations included in the Approval Letter of October 17, 1995.

Should you have any questions regarding this matter, you may wish to direct them to Mr. Nate Watts, of the Nashville MISO at (615) 781-5441.

Sincerely,

A handwritten signature in cursive script that reads "Jim Reeves".

Jim Reeves

Manager, Atlanta Manufacturing
Inspection District Office

Enclosure

PARTS MANUFACTURER APPROVAL NO. PQ1469CE

PRODUCTION APPROVAL LISTING - SUPPLEMENT NO. 48

DATED JANUARY 28, 1999

FEDERAL AVIATION ADMINISTRATION - PARTS MANUFACTURER APPROVAL

DEC Technologies, Inc.
501 Industrial Park Road
Piney Flats, Tennessee 37686

Part Name	Part Number	Approved Replacement For	FAA Approval Basis & Approved Design Data	Installation Eligibility	Model
Shaft Assembly, Flexible	DEC31-017-501	Airesearch P/N 121750-1	Identicity IAW 14 CFR FAR 21.303(c)(4), Dwg. DEC31-017, No Rev. dated 11/04/98, or Later FAA Approval	Boeing McDonnell Douglas General Electric	747 DC-10 CF6-6 and CF6-50
Shaft Assembly, Flexible	DEC31-018-501	Airesearch P/N 121762-1	Identicity IAW 14 CFR FAR 21.303(c)(4), Dwg. DEC31-018, No Rev. dated 11/04/98, or Later FAA Approval	Boeing CFM International	737 CFM56-2, -3 and -5
Shaft Assembly, Flexible	DEC31-018-503	Airesearch P/N 121762-2	Identicity IAW 14 CFR FAR 21.303(c)(4), Dwg. DEC31-018, No Rev. dated 11/04/98, or Later FAA Approval	Boeing CFM International	737 CFM56-2, -3 and -5
Shaft Assembly, Flexible	DEC31-018-505	Airesearch P/N 121762-3	Identicity IAW 14 CFR FAR 21.303(c)(4), Dwg. DEC31-018, No Rev. dated 11/04/98, or Later FAA Approval	CFM International	CFM56-2, -3 and -5
Shaft Assembly, Flexible	DEC31-018-507	Airesearch P/N 121762-4	Identicity IAW 14 CFR FAR 21.303(c)(4), Dwg. DEC31-018, No Rev. dated 11/04/98, or Later FAA Approval	CFM International	CFM56-2, -3 and -5

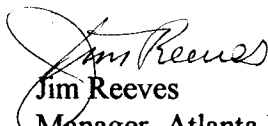
<u>Part Name</u>	<u>Part Number</u>	<u>Approved Replacement For</u>	<u>FAA Approval Basis & Approved Design Data</u>	<u>Installation Eligibility</u>	<u>Model</u>
Shaft Assembly, Flexible	DEC31-045-501	Airesearch P/N 121178-1	Identity IAW 14 CFR FAR 21.303(c)(4), Dwg. DEC31-045, No Rev. dated 11/04/98, or Later FAA Approval	Boeing	747
Shaft Assembly, Flexible	DEC31-046-501	Airesearch P/N 121652-1	Identity IAW 14 CFR FAR 21.303(c)(4), Dwg. DEC31-046, No Rev. dated 11/04/98, or Later FAA Approval	Boeing	747
Shaft Assembly, Flexible	DEC31-160-503	Airesearch P/N 121754-2	Identity IAW 14 CFR FAR 21.303(c)(4), Dwg. DEC31-160, No Rev. dated 11/04/98, or Later FAA Approval	Bombardier	CL600-1A11, CL600-2A12 and CL600-2B16
Shaft Assembly, Flexible	DEC31-160-505	Airesearch P/N 121754-3	Identity IAW 14 CFR FAR 21.303(c)(4), Dwg. DEC31-160, No Rev. dated 11/04/98, or Later FAA Approval	Bombardier	CL600-1A11, CL600-2A12 and CL600-2B16
Shaft Assembly, Flexible	DEC31-160-509	Airesearch P/N 121754-5	Identity IAW 14 CFR FAR 21.303(c)(4), Dwg. DEC31-160, No Rev. dated 11/04/98, or Later FAA Approval	Bombardier	CL600-1A11, CL600-2A12 and CL600-2B16
Shaft Assembly, Flexible	DEC31-160-511	Airesearch P/N 121754-6	Identity IAW 14 CFR FAR 21.303(c)(4), Dwg. DEC31-160, No Rev. dated 11/04/98, or Later FAA Approval	Bombardier	CL600-1A11, CL600-2A12 and CL600-2B16
Shaft Assembly, Flexible	DEC31-161-503	Airesearch P/N 121734-2	Identity IAW 14 CFR FAR 21.303(c)(4), Dwg. DEC31-161, No Rev. dated 11/04/98, or Later FAA Approval	Boeing Rolls Royce	747, 747-400 and 767 RB211

<u>Part Name</u>	<u>Part Number</u>	<u>Approved Replacement For</u>	<u>FAA Approval Basis & Approved Design Data</u>	<u>Installation Eligibility</u>	<u>Model</u>
Shaft Assembly, Flexible	DEC31-161-505	Airesearch P/N 121734-3	Identity IAW 14 CFR FAR 21.303(c)(4), Dwg. DEC31-161, No Rev. dated 11/04/98, or Later FAA Approval	Boeing Rolls Royce	747, 747-400 and 767 RB211
Shaft Assembly, Flexible	DEC31-161-507	Airesearch P/N 121734-4	Identity IAW 14 CFR FAR 21.303(c)(4), Dwg. DEC31-161, No Rev. dated 11/04/98, or Later FAA Approval	Boeing Rolls Royce	747 RB211
Shaft Assembly, Flexible	DEC31-161-509	Airesearch P/N 121734-5	Identity IAW 14 CFR FAR 21.303(c)(4), Dwg. DEC31-161, No Rev. dated 11/04/98, or Later FAA Approval	Rolls Royce	RB211
Shaft Assembly, Flexible	DEC31-161-511	Airesearch P/N 121734-6	Identity IAW 14 CFR FAR 21.303(c)(4), Dwg. DEC31-161, No Rev. dated 11/04/98, or Later FAA Approval	Rolls Royce	RB211
Shaft Assembly, Flexible	DEC31-162-501	Airesearch P/N 121184-1	Identity IAW 14 CFR FAR 21.303(c)(4), Dwg. DEC31-162, No Rev. dated 11/04/98, or Later FAA Approval	Boeing	747
Shaft Assembly, Flexible	DEC31-162-503	Airesearch P/N 121184-2	Identity IAW 14 CFR FAR 21.303(c)(4), Dwg. DEC31-162, No Rev. dated 11/04/98, or Later FAA Approval	Boeing	747
Shaft Assembly, Flexible	DEC31-163-505	Airesearch P/N 121196-3-1	Identity IAW 14 CFR FAR 21.303(c)(4), Dwg. DEC31-163, No Rev. dated 11/04/98, or Later FAA Approval	Rolls Royce	RB211

Part Name	Part Number	Approved Replacement For	FAA Approval Basis & Approved Design Data	Installation Eligibility	Model
Shaft Assembly, Flexible	DEC31-164-501	Airesearch P/N 121728-1	Identicality IAW 14 CFR FAR 21.303(c)(4), Dwg. DEC31-164, No Rev. dated 11/04/98, or Later FAA Approval	Boeing	747
				Lockheed	L-1011
				Rolls Royce	RB211
Shaft Assembly, Flexible	DEC31-165-503	Airesearch P/N 121388-2-1	Identicality IAW 14 CFR FAR 21.303(c)(4), Dwg. DEC31-165, No Rev. dated 11/04/98, or Later FAA Approval	Boeing	747
Shaft Assembly, Flexible	DEC31-166-503	Airesearch P/N 121282-2	Identicality IAW 14 CFR FAR 21.303(c)(4), Dwg. DEC31-166, No Rev. dated 11/04/98, or Later FAA Approval	Boeing	747
				McDonnell Douglas	DC-10
				General Electric	CF6-6 and CF6-50
Shaft Assembly, Flexible	DEC31-166-505	Airesearch P/N 121282-3	Identicality IAW 14 CFR FAR 21.303(c)(4), Dwg. DEC31-166, No Rev. dated 11/04/98, or Later FAA Approval	Boeing	747
				McDonnell Douglas	DC-10
				General Electric	CF6-6 and CF6-50
Shaft Assembly, Flexible	DEC31-166-513	Airesearch P/N 121282-7	Identicality IAW 14 CFR FAR 21.303(c)(4), Dwg. DEC31-166, No Rev. dated 11/04/98, or Later FAA Approval	Boeing	747
				McDonnell Douglas	DC-10
				General Electric	CF6-6 and CF6-50
Shaft Assembly, Flexible	DEC31-166-515	Airesearch P/N 121282-8	Identicality IAW 14 CFR FAR 21.303(c)(4), Dwg. DEC31-166, No Rev. dated 11/04/98, or Later FAA Approval	General Electric	CF6-80A

<u>Part Name</u>	<u>Part Number</u>	<u>Approved Replacement For</u>	<u>FAA Approval Basis & Approved Design Data</u>	<u>Installation Eligibility</u>	<u>Model</u>
Shaft Assembly, Flexible	DEC31-166-517	Airesearch P/N 121282-9	Identicality IAW 14 CFR FAR 21.303(c)(4), Dwg. DEC31-166, No Rev. dated 11/04/98, or Later FAA Approval	General Electric	CF6-80A
Shaft Assembly, Flexible	DEC31-166-519	Airesearch P/N 121282-10	Identicality IAW 14 CFR FAR 21.303(c)(4), Dwg. DEC31-166, No Rev. dated 11/04/98, or Later FAA Approval	Boeing	747, 747-400 and 767
Shaft Assembly, Flexible	DEC31-166-521	Airesearch P/N 121282-11	Identicality IAW 14 CFR FAR 21.303(c)(4), Dwg. DEC31-166, No Rev. dated 11/04/98, or Later FAA Approval	Boeing	747, 747-400 and 767

END OF LISTING


 Jim Reeves
 Manager, Atlanta Manufacturing
 Inspection District Office