



U.S. Department
of Transportation
Federal Aviation
Administration

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

June 11, 2002

Project No. PQ1469CE

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

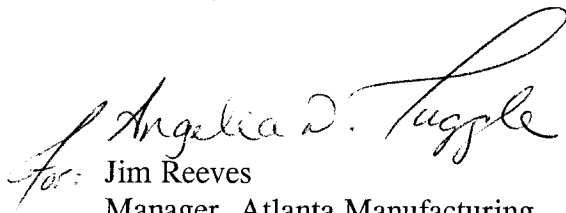
FEDERAL AVIATION ADMINISTRATION - PARTS MANUFACTURER APPROVAL

In accordance with the provisions of 14 CFR part 21, Subpart K, we have found that the design data, based on Test and Computations submitted by DEC Technologies, Inc. with letter dated June 5, 2002, meet the airworthiness requirements of the regulations applicable to the products on with the parts are to be installed. Additionally, it has been determined that DEC Technologies, Inc. has established the fabrication inspection system required by part 21 § 21.303(h) at 501 Industrial Park Road, Piney Flats, TN. Accordingly, Parts Manufacturer Approval (PMA) is hereby granted for production of the replacement parts listed in the enclosed Supplement No. 60.

You are reminded that the provisions of the Federal Aviation Regulations, noted in our PMA letter of approval dated October 17, 1995, also apply to the enclosed PMA Listing-Supplement No. 60.

Should you have any questions regarding this matter, you may wish to direct them to Ms. Angelia D. Gann, at the Atlanta MIDO office, telephone (770) 703-6104.

Sincerely,


For: Jim Reeves
Manager, Atlanta Manufacturing
Inspection District Office

Enclosure

PARTS MANUFACTURER APPROVAL NO. PQ1469CE
 PRODUCTION APPROVAL LISTING - SUPPLEMENT NO. 60

DATED JUNE 10, 2002

FEDERAL AVIATION ADMINISTRATION - PARTS MANUFACTURER APPROVAL

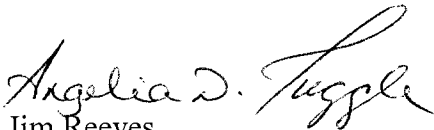
DEC Technologies, Inc.
 501 Industrial Park Road
 Piney Flats, Tennessee 37686

<u>Part Name</u>	<u>Part Number</u>	<u>Approved Replacement For Part Number</u>	<u>Approved Basis and Approved Design Data</u>	<u>Make Eligibility</u>	<u>Model Eligibility</u>
Shaft Assembly Flexible	DEC39-166-503	General Electric P/N 9041M47P01 Allied Signal P/N 121282-2/-17	Test & Computation per 14 CFR § 21.303(c)(4) <u>Dwg No:</u> DEC39-166, <u>Rev:</u> N/A, <u>Dated:</u> 03/01/02 or later FAA approved revisions	General Electric	CF6-6, Series CF6-50 Series
Shaft Assembly Flexible	DEC39-166-505	General Electric P/N 9041M67P02 Allied Signal P/N 121282-3/-18	Test & Computation per 14 CFR § 21.303 (c)(4) <u>Dwg No:</u> DEC39-166, <u>Rev:</u> N/A, <u>Dated:</u> 03/01/02 or later FAA approved revisions	General Electric	CF6-6, Series CF6-50 Series
Shaft Assembly Flexible	DEC39-166-513	Allied Signal P/N 121282-7/-22	Test & Computation per 14 CFR § 21.303 (c)(4) <u>Dwg No:</u> DEC39-166, <u>Rev:</u> N/A, <u>Dated:</u> 03/01/02 or later FAA approved revisions	General Electric	CF6-6, Series CF6-50 Series
Shaft Assembly Flexible	DEC39-166-515	General Electric P/N 9280M82P01 Allied Signal P/N 121282-8/-23	Test & Computation per 14 CFR § 21.303 (c)(4) <u>Dwg No:</u> DEC39-166, <u>Rev:</u> N/A, <u>Dated:</u> 03/01/02 or later FAA approved revisions	General Electric	CF6-80A Series
Shaft Assembly Flexible	DEC39-166-517	General Electric P/N 9280M82P02 Allied Signal P/N 121282-9/-24	Test & Computation per 14 CFR § 21.303 (c)(4) <u>Dwg No:</u> DEC39-166, <u>Rev:</u> N/A, <u>Dated:</u> 03/01/02 or later FAA approved revisions	General Electric	CF6-80A Series
Shaft Assembly Flexible	DEC39-166-519	General Electric P/N 9280M82P03 Allied Signal P/N 121282-10/-25	Test & Computation per 14 CFR § 21.303 (c)(4) <u>Dwg No:</u> DEC39-166, <u>Rev:</u> N/A, <u>Dated:</u> 03/01/02 or later FAA approved revisions	General Electric	CF6-80A, Series CF6-80C, Series CF6-80E Series

<u>Part Name</u>	<u>Part Number</u>	<u>Approved Replacement For Part Number</u>	<u>Approved Basis and Approved Design Data</u>	<u>Make Eligibility</u>	<u>Model Eligibility</u>
Shaft Assembly Flexible	DEC39-166-521	General Electric P/N 9280M82P04 Allied Signal P/N 121282-11/-26	Test & Computation per 14 CFR § 21.303 (c)(4) <u>Dwg No:</u> DEC39-166, <u>Rev:</u> N/A, <u>Dated:</u> 03/01/02 or later FAA approved revisions	General Electric	CF6-80A, Series CF6-80C, Series CF6-80E Series
Shaft Assembly Flexible	DEC39-166-527	General Electric P/N 9041M47P03 Allied Signal P/N 121282-14/-29	Test & Computation per 14 CFR § 21.303 (c)(4) <u>Dwg No:</u> DEC39-166, <u>Rev:</u> N/A, <u>Dated:</u> 03/01/02 or later FAA approved revisions	General Electric	CF6-6, Series CF6-50 Series
Shaft Assembly Flexible	DEC39-166-529	General Electric P/N 9041M67P04 Allied Signal P/N 121282-15/-30	Test & Computation per 14 CFR § 21.303 (c)(4) <u>Dwg No:</u> DEC39-166, <u>Rev:</u> N/A, <u>Dated:</u> 03/01/02 or later FAA approved revisions	General Electric	CF6-50 Series

-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: 
 Angelia D. Tuggle
 Jim Reeves
 Manager, Atlanta Manufacturing
 Inspection District Office



Small Airplane Directorate
Atlanta Manufacturing Inspection
District Office
One Crown Center, Suite 225
1895 Phoenix Boulevard,
Atlanta, GA 30349

U.S. Department
of Transportation

Federal Aviation
Administration

February 15, 2006

PMA No. PQ1469CE

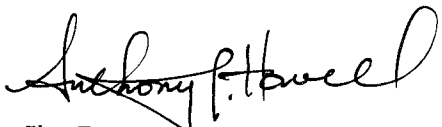
DEC Technologies, Inc.
501 Industrial Park Road
Piney Flats, TN 37686

FEDERAL AVIATION ADMINISTRATION-PARTS MANUFACTURER APPROVAL

Per 14 CFR part 21, Subpart K, we found design data submitted with your letter dated February 2, 2006 to meet the airworthiness requirements of the regulations for the products on which the parts are to be installed. We based our finding on test and computation. Also, we determined that your company set up the fabrication inspection system at, 501 Industrial Park Road, Piney Flats, Tennessee as required by 14 CFR, § 21.303(h). Therefore, we grant parts manufacturer approval (PMA), which authorizes you to produce the replacement parts in the enclosed Supplement No. 116R (revised).

We remind you that the provisions of 14 CFR, noted in our PMA letter of approval dated October 17, 1995, also apply to the enclosed PMA Listing-Supplement No. 116R. Please keep the enclosed supplement with the original PMA letter as evidence of approval to produce the parts concerned.

Sincerely,

for 
Jim Reeves
Manager, Atlanta Manufacturing
Inspection District Office

Enclosure

FEDERAL AVIATION ADMINISTRATION-PARTS MANUFACTURER APPROVAL

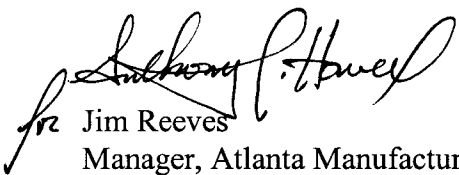
DEC Technologies, Inc.
501 Industrial Park Road
Piney Flats, TN 37686

PMA NO. PQ1469CE
SUPPLEMENT NO. 116R
DATE: February 15, 2006

Part Name	Part Number	Approved Replacement For Part Number	Approved Basis and Approved Design Data	Make Eligibility	Model Eligibility
Shaft Assy, Flexible	DEC39-166-503	Allied Signal, 121282-2, -17	Test and Computation per 14 CFR § 21.303 <u>Dwg:</u> DEC39-166 <u>Rev:</u> A <u>Date:</u> 03/18/05 or later FAA approved revisions	General Electric	CF6-45A2 Engine
Shaft Assy, Flexible	DEC39-166-505	Allied Signal, 121282-3, -18	Test and Computation per 14 CFR § 21.303 <u>Dwg:</u> DEC39-166 <u>Rev:</u> A <u>Date:</u> 03/18/05 or later FAA approved revisions	General Electric	CF6-45A2 Engine
Shaft Assy, Flexible	DEC39-166-527	Allied Signal, 121282-14, -29	Test and Computation per 14 CFR § 21.303 <u>Dwg:</u> DEC39-166 <u>Rev:</u> A <u>Date:</u> 03/18/05 or later FAA approved revisions	General Electric	CF6-45A2 Engine
Shaft Assy, Flexible	DEC39-166-529	Allied Signal, 121282-15, -30	Test and Computation per 14 CFR § 21.303 <u>Dwg:</u> DEC39-166 <u>Rev:</u> A <u>Date:</u> 03/18/05 or later FAA approved revisions	General Electric	CF6-45A2 Engine

-END OF LISTING-

NOTE: Provide minor design changes in a manner as determined by the ACO. Handle major design changes to drawings and specifications in the same manner as that for an original FAA-PMA. If TC holder's ICA applies to these replacement parts, provide a statement noting such. If not, provide supplementary ICA per 14 CFR § 21.50.


for Jim Reeves
Manager, Atlanta Manufacturing
Inspection District Office