



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, Georgia 30349

April 28, 2004

PMA No. PQ1682CE

ADpma, LLC  
P.O. Box 190  
401 Century Court  
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 ADpma, LLC. with letter dated April 21, 2004, meet the airworthiness requirements of the regulations applicable to the products on which the parts are to be installed. Additionally, it has been determined that ADpma, LLC. has established the fabrication inspection system required by part 21 § 21.303(h) at P.O. Box 190, 401 Century Court, Piney Flats, TN. Accordingly, Parts Manufacturer Approval (PMA) is hereby granted for production of the replacement parts listed in the enclosed Supplement No. 11.

You are reminded that the provisions of the Federal Aviation Regulations, noted in our PMA letter of approval dated January 8, 2002, also apply to the enclosed PMA Listing-Supplement No. 11.

Sincerely,

For: Jim Reeves  
Manager, Atlanta Manufacturing  
Inspection District Office

Enclosure

**FEDERAL AVIATION ADMINISTRATION-PARTS MANUFACTURER APPROVAL**

ADpma, LLC  
P.O. Box 190  
401 Century Court  
Piney Flats, TN 37686

PMA NO. PQ1682CE  
SUPPLEMENT NO. 11  
DATE: APRIL 28, 2004

<u>Part Name</u>	<u>Part Number</u>	<u>Approved Re-placement for Part Number</u>	<u>Approval Basis And Approved Design Data</u>	<u>Make Eligibility</u>	<u>Model Eligibility</u>
Ring, Gear Carrier	PMA49002-1	Allied-Signal P/N: 3860397-1	Test and Computations, per 14 CFR §21.303(c)4, <u>DWG. No</u> PMA49002, <u>Rev.</u> N/A, <u>Dated:</u> 4/3/2002, or later FAA approved revisions	Bombardier	CL-600-2B19 When Allied Signal (Garrett) GTCP36-150[RJ] APU is installed
Gearshaft, Generator	PMA49003-1	Allied-Signal P/N: 3860399-1	Test and Computations, per 14 CFR §21.303(c)4, <u>DWG. No</u> PMA49003, <u>Rev.</u> N/A, <u>Dated:</u> 4/3/2002, or later FAA approved revisions	Bombardier	CL-600-2B19 When Allied Signal (Garrett) GTCP36-150[RJ] APU is installed
Gear Set, Matched Spur	PMA49011-101	Allied-Signal P/N: 3860339-1	Test and Computations, per 14 CFR §21.303(c)4, <u>DWG. No</u> PMA49011, <u>Rev.</u> N/A, <u>Dated:</u> 4/3/2002, or later FAA approved revisions	Bombardier	CL-600-2B19 When Allied Signal (Garrett) GTCP36-150[RJ] APU is installed
Shaft, Planet Gear	PMA49022-2	Allied-Signal P/N: 3860005-2	Test and Computations, per 14 CFR §21.303(c)4, <u>DWG. No</u> PMA49022, <u>Rev.</u> N/A, <u>Dated:</u> 4/3/2002, or later FAA approved revisions	Bombardier	CL-600-2B19 When Allied Signal (Garrett) GTCP36-150[RJ] APU is installed
Gearshaft	PMA49033-1	Allied-Signal P/N: 3822105-1	Test and Computations, per 14 CFR §21.303(c)4, <u>DWG. No</u> PMA49033, <u>Rev.</u> N/A, <u>Dated:</u> 4/3/2002, or later FAA approved revisions	Bombardier	CL-600-2B19 When Allied Signal (Garrett) GTCP36-150[RJ] APU is installed

<u>Part Name</u>	<u>Part Number</u>	<u>Approved Re-placement for Part Number</u>	<u>Approval Basis And Approved Design Data</u>	<u>Make Eligibility</u>	<u>Model Eligibility</u>
Body, Relief Valve	PMA49043-2	Allied-Signal P/N: 3601504-2	Test and Computations, per 14 CFR §21.303(c)4, DWG. No PMA49043, Rev. N/A, Dated: 4/3/2002, or later FAA approved revisions	Bombardier	CL-600-2B19 When Allied Signal (Garrett) GTCP36-150[RJ] APU is installed
Valve and Sleeve Set Assy, Fuel Control Metering Matched	PMA49045-101	Allied-Signal P/N: 3601509-1	Test and Computations, per 14 CFR §21.303(c)4, DWG. No PMA49045, Rev. N/A, Dated: 4/3/2002, or later FAA approved revisions	Bombardier	CL-600-2B19 When Allied Signal (Garrett) GTCP36-150[RJ] APU is installed
Gearshaft, Spur, Splined	PMA49050-2	Allied-Signal P/N: 3882741-2	Test and Computations, per 14 CFR §21.303(c)4, DWG. No PMA49050, Rev. N/A, Dated: 4/3/2002, or later FAA approved revisions	Bombardier	CL-600-2B19 When Allied Signal (Garrett) GTCP36-150[RJ] APU is installed

**-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