



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

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

January 5, 2006

PMA No. PQ1682CE

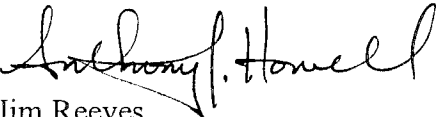
ADpma, LLC
P.O. Box 190
401 Century Court
Piney Flats, TN 37686

FEDERAL AVIATION ADMINISTRATION-PARTS MANUFACTURER APPROVAL

Per 14 CFR part 21, Subpart K, we found design data submitted with your letter dated January 3, 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, 401 Century Court, 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. 19.

We remind you that the provisions of 14 CFR, noted in our PMA letter of approval dated January 8, 2002, also apply to the enclosed PMA Listing-Supplement No. 19. 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

ADpma, LLC
 401 Century Court
 Piney Flats, Tennessee 37686

PMA NO. PQ1682CE
 SUPPLEMENT NO. 19
 DATE: January 5, 2006

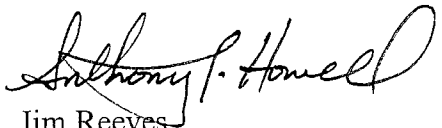
Part Name	Part Number	Approved Replacement for Part Number	Approval Basis and Approved Design Data	Make Eligibility	Model Eligibility
Rotor, Matched Set	ADP49112-107	Honeywell / Aero Controlex P/N 3881007-7	Test and Computations per 14 CFR §21.303 <u>DWG No:</u> ADP49112 <u>Rev:</u> N/A <u>Date:</u> 6/30/2005 or later FAA-approved revisions	Bombardier	CL-600-2B19 When Allied Signal (Garrett) GTCP36-150[RJ] APU is installed
Rotor, Matched Set	ADP49112-108	Honeywell / Aero Controlex P/N 3881007-8	Test and Computations per 14 CFR §21.303 <u>DWG No:</u> ADP49112 <u>Rev:</u> N/A <u>Date:</u> 6/30/2005 or later FAA-approved revisions	Bombardier	CL-600-2B19 When Allied Signal (Garrett) GTCP36-150[RJ] APU is installed
Rotor, Matched Set	ADP49112-109	Honeywell / Aero Controlex P/N 3881007-9	Test and Computations per 14 CFR §21.303 <u>DWG No:</u> ADP49112 <u>Rev:</u> N/A <u>Date:</u> 6/30/2005 or later FAA-approved revisions	Bombardier	CL-600-2B19 When Allied Signal (Garrett) GTCP36-150[RJ] APU is installed
Ring Rotor Assembly	ADP49113-101	Honeywell / Aero Controlex P/N 3881385-1	Test and Computations per 14 CFR §21.303 <u>DWG No:</u> ADP49113 <u>Rev:</u> N/A <u>Date:</u> 6/30/2005 or later FAA-approved revisions	Bombardier	CL-600-2B19 When Allied Signal (Garrett) GTCP36-150[RJ] APU is installed
Ring Rotor Assembly	ADP49113-102	Honeywell / Aero Controlex P/N 3881385-2	Test and Computations per 14 CFR §21.303 <u>DWG No:</u> ADP49113 <u>Rev:</u> N/A <u>Date:</u> 6/30/2005 or later FAA-approved revisions	Bombardier	CL-600-2B19 When Allied Signal (Garrett) GTCP36-150[RJ] APU is installed
Ring Rotor Assembly	ADP49113-103	Honeywell / Aero Controlex P/N 3881385-3	Test and Computations per 14 CFR §21.303 <u>DWG No:</u> ADP49113 <u>Rev:</u> N/A <u>Date:</u> 6/30/2005 or later FAA-approved revisions	Bombardier	CL-600-2B19 When Allied Signal (Garrett) GTCP36-150[RJ] APU is installed
Drive Shaft	ADP49114-1	Honeywell / Aero Controlex P/N 3881121-1	Test and Computations per 14 CFR §21.303 <u>DWG No:</u> ADP49114 <u>Rev:</u> N/A <u>Date:</u> 6/30/2005 or later FAA-approved revisions	Bombardier	CL-600-2B19 When Allied Signal (Garrett) GTCP36-150[RJ] APU is installed

Seal Assembly	ADP49115-101	Honeywell P/N 2707351-1	Test and Computations per 14 CFR §21.303 <u>DWG No:</u> ADP49115 <u>Rev:</u> N/A <u>Date:</u> 6/15/2005 or later FAA-approved revisions	Bombardier	CL-600-2B19 When Allied Signal (Garrett) GTCP36- 150[RJ] APU is installed
Seal Assembly	ADP49116-101	Honeywell P/N 3883925-1	Test and Computations per 14 CFR §21.303 <u>DWG No:</u> ADP49116 <u>Rev:</u> N/A <u>Date:</u> 6/15/2005 or later FAA-approved revisions	Bombardier	CL-600-2B19 When Allied Signal (Garrett) GTCP36- 150[RJ] APU is installed
Time Totalizing Meter, Miniature - Digital	ADP49117-101	Honeywell P/N 3876316-1	Test and Computations per 14 CFR §21.303 <u>DWG No:</u> ADP49117 <u>Rev:</u> N/A <u>Date:</u> 6/30/2005 or later FAA-approved revisions	Bombardier	CL-600-2B19 When Allied Signal (Garrett) GTCP36- 150[RJ] APU is installed
Lube Fitting	ADP49118-1	Honeywell P/N 3881839-1	Test and Computations per 14 CFR §21.303 <u>DWG No:</u> ADP49118 <u>Rev:</u> N/A <u>Date:</u> 6/30/2005 or later FAA-approved revisions	Bombardier	CL-600-2B19 When Allied Signal (Garrett) GTCP36- 150[RJ] APU is installed
Tube Retainer	ADP49119-1	Honeywell P/N 3881840-1	Test and Computations per 14 CFR §21.303 <u>DWG No:</u> ADP49119 <u>Rev:</u> N/A <u>Date:</u> 6/30/2005 or later FAA-approved revisions	Bombardier	CL-600-2B19 When Allied Signal (Garrett) GTCP36- 150[RJ] APU is installed
Tube Assembly	ADP49120-101	Honeywell P/N 3881849-1	Test and Computations per 14 CFR §21.303 <u>DWG No:</u> ADP49120 <u>Rev:</u> N/A <u>Date:</u> 6/30/2005 or later FAA-approved revisions	Bombardier	CL-600-2B19 When Allied Signal (Garrett) GTCP36- 150[RJ] APU is installed
Tube Assembly	ADP49121-101	Honeywell P/N 3881851-1	Test and Computations per 14 CFR §21.303 <u>DWG No:</u> ADP49121 <u>Rev:</u> N/A <u>Date:</u> 6/30/2005 or later FAA-approved revisions	Bombardier	CL-600-2B19 When Allied Signal (Garrett) GTCP36- 150[RJ] APU is installed
Fan Inlet Assembly	ADP49122-101	Honeywell P/N 3884631-2	Test and Computations per 14 CFR §21.303 <u>DWG No:</u> ADP49122 <u>Rev:</u> N/A <u>Date:</u> 6/30/2005 or later FAA-approved revisions	Bombardier	CL-600-2B19 When Allied Signal (Garrett) GTCP36- 150[RJ] APU is installed
Drive Pin	ADP49124-1	Honeywell / Aero Controlex P/N 3881019-1	Test and Computations per 14 CFR §21.303 <u>DWG No:</u> ADP49124 <u>Rev:</u> N/A <u>Date:</u> 6/30/2005 or later FAA-approved revisions	Bombardier	CL-600-2B19 When Allied Signal (Garrett) GTCP36- 150[RJ] APU is installed
Drive Pin	ADP49124-5	Honeywell / Aero Controlex P/N 3881019-5	Test and Computations per 14 CFR §21.303 <u>DWG No:</u> ADP49124 <u>Rev:</u> N/A <u>Date:</u> 6/30/2005 or later FAA-approved revisions	Bombardier	CL-600-2B19 When Allied Signal (Garrett) GTCP36- 150[RJ] APU is installed

Shaft Assembly, Special Clutch	ADP49125-101	Honeywell P/N 3860325-1	Test and Computations per 14 CFR §21.303 <u>DWG No:</u> ADP49125 <u>Rev:</u> N/A <u>Date:</u> 6/30/2005 or later FAA-approved revisions	Bombardier	CL-600-2B19 When Allied Signal (Garrett) GTCP36- 150[RJ] APU is installed
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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