



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

PMA No. PQ1682CE

June 29, 2007

ADpma
401 Century Ct
Piney Flats, TN. 37686

FEDERAL AVIATION ADMINISTRATION-PARTS MANUFACTURER APPROVAL

Per 14 CFR part 21, Subpart K, we found design data submitted with your letters dated (6ea) December 8, 2006 and (2ea) January 15, 2007, 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. 29.

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. 29. 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 Ct.
Piney Flats, TN 37686

PMA NO. PQ1682CE
SUPPLEMENT NO. 29
DATE: 06/27/2007

<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>
Seal	ADP49146-1	Honeywell P/N 3810630-1	Test and Computations per 14 CFR § 21.303 <u>DWG NO:</u> ADP49146 <u>REV:</u> A <u>DATE:</u> 01/05/07 or later FAA Approved revisions	McDonnell Douglas	DC-9-82 (MD-82) MD-88 When Honeywell Auxiliary Power Unit Model GTCP36-280[D], P/N 3800504-1 Installed
Spring, Washer – Seal	ADP49147-1	Honeywell P/N 3846444-1	Test and Computations per 14 CFR § 21.303 <u>DWG NO:</u> ADP49147 <u>REV:</u> N/C <u>DATE:</u> 08/16/06 or later FAA Approved revisions	Airbus	A319 Model -111, A319 Model -112, A319 Model -114, A319 Model -132 A320 Model -111, A320 Model -211, A320 Model -212, A320 Model -214, A320 Model -231, A320 Model -232, A320 Model -233 A321 Model -111, A321 Model -112, A321 Model -131, A321 Model -211, A321 Model -231 When Honeywell Auxiliary Power Unit Model GTCP36-300[A], P/N's 3800278-3, 3800278-4 Installed.
Spring, Washer – Seal	ADP49147-1	Honeywell P/N 3846444-1	Test and Computations per 14 CFR § 21.303 <u>DWG NO:</u> ADP49147 <u>REV:</u> N/C <u>DATE:</u> 08/16/06 or later FAA Approved revisions	Boeing	737-300 Series When Honeywell Auxiliary Power Unit Model GTCP36-280[B], P/N 3800516-1 Installed.
Spring, Washer – Seal	ADP49147-1	Honeywell P/N 3846444-1	Test and Computations per 14 CFR § 21.303 <u>DWG NO:</u> ADP49147 <u>REV:</u> N/C <u>DATE:</u> 08/16/06 or later FAA Approved revisions	McDonnell Douglas	DC-9-82 (MD-82) MD-88 When Honeywell Auxiliary Power Unit Model GTCP36-280[D], P/N 3800504-1 Installed.

<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>
Air – Oil Seal Assembly	ADP49148-104	Honeywell P/N 3846446-4	Test and Computations per 14 CFR § 21.303 <u>DWG NO:</u> ADP49148 <u>REV:</u> N/C <u>DATE:</u> 01/09/07 or later FAA Approved revisions	Airbus	A319 Model -111, A319 Model -112, A319 Model -114, A319 Model -132 A320 Model -111, A320 Model -211, A320 Model -212, A320 Model -214, A320 Model -231, A320 Model -232, A320 Model -233 A321 Model -111, A321 Model -112, A321 Model -131, A321 Model -211, A321 Model -231 When Honeywell Auxiliary Power Unit Model GTCP36-300[A], P/N's 3800278-3, 3800278-4 Installed.
Air – Oil Seal Assembly	ADP49148-104	Honeywell P/N 3846446-4	Test and Computations per 14 CFR § 21.303 <u>DWG NO:</u> ADP49148 <u>REV:</u> N/C <u>DATE:</u> 01/09/07 or later FAA Approved revisions	Boeing	737-300 Series When Honeywell Auxiliary Power Unit Model GTCP36-280[B], P/N 3800516-1 Installed.
Air – Oil Seal Assembly	ADP49148-104	Honeywell P/N 3846446-4	Test and Computations per 14 CFR § 21.303 <u>DWG NO:</u> ADP49148 <u>REV:</u> N/C <u>DATE:</u> 01/09/07 or later FAA Approved revisions	McDonnell Douglas	DC-9-82 (MD-82) MD-88 When Honeywell Auxiliary Power Unit Model GTCP36-280[D], P/N 3800504-1 Installed.
Air – Oil Seal Assembly	ADP49148-105	Honeywell P/N 3846446-5	Test and Computations per 14 CFR § 21.303 <u>DWG NO:</u> ADP49148 <u>REV:</u> N/C <u>DATE:</u> 01/09/07 or later FAA Approved revisions	Airbus	A319 Model -111, A319 Model -112, A319 Model -114, A319 Model -132 A320 Model -111, A320 Model -211, A320 Model -212, A320 Model -214, A320 Model -231, A320 Model -232, A320 Model -233

<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>
					A321 Model -111, A321 Model -112, A321 Model -131, A321 Model -211, A321 Model -231 When Honeywell Auxiliary Power Unit Model GTCP36- 300[A], P/N's 3800278-3, 3800278- 4 Installed.
Air – Oil Seal Assembly	ADP49148- 105	Honeywell P/N 3846446-5	Test and Computations per 14 CFR § 21.303 <u>DWG NO:</u> ADP49148 <u>REV:</u> N/C <u>DATE:</u> 01/09/07 or later FAA Approved revisions	Boeing	737-300 Series When Honeywell Auxiliary Power Unit Model GTCP36- 280[B], P/N 3800516- 1 Installed.
Air – Oil Seal Assembly	ADP49148- 105	Honeywell P/N 3846446-5	Test and Computations per 14 CFR § 21.303 <u>DWG NO:</u> ADP49148 <u>REV:</u> N/C <u>DATE:</u> 01/09/07 or later FAA Approved revisions	McDonnell Douglas	DC-9-82 (MD-82) MD-88 When Honeywell Auxiliary Power Unit Model GTCP36- 280[D], P/N 3800504-1 Installed.
Nut	ADP49153-1	Honeywell P/N 3822180-1	Test and Computations per 14 CFR § 21.303 <u>DWG NO:</u> ADP49153 <u>REV:</u> N/C <u>DATE:</u> 12/7/06 or later FAA Approved revisions	Airbus	A319 Model -111, A319 Model -112, A319 Model -114, A319 Model -132 A320 Model -111, A320 Model -211, A320 Model -212, A320 Model -214, A320 Model -231, A320 Model -232, A320 Model -233 A321 Model -111, A321 Model -112, A321 Model -131, A321 Model -211, A321 Model -231 When Honeywell Auxiliary Power Unit Model GTCP36- 300[A], P/N's 3800278-3, 3800278- 4 Installed.

<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>
Nut	ADP49153-1	Honeywell P/N 3822180-1	Test and Computations per 14 CFR § 21.303 <u>DWG NO:</u> ADP49153 <u>REV:</u> N/C <u>DATE:</u> 12/7/06 or later FAA Approved revisions	Boeing	737-300 Series When Honeywell Auxiliary Power Unit Model GTCP36-280[B], P/N 3800516-1 Installed.
Nut	ADP49153-1	Honeywell P/N 3822180-1	Test and Computations per 14 CFR § 21.303 <u>DWG NO:</u> ADP49153 <u>REV:</u> N/C <u>DATE:</u> 12/7/06 or later FAA Approved revisions	McDonnell Douglas	DC-9-82 (MD-82) MD-88 When Honeywell Auxiliary Power Unit Model GTCP36-280[D], P/N 3800504-1 Installed.
Carbon Seal	ADP49155-1	Honeywell P/N 3826535-1	Test and Computations per 14 CFR § 21.303 <u>DWG NO:</u> ADP49155 <u>REV:</u> N/C <u>DATE:</u> 01/15/07 or later FAA Approved revisions	Airbus	A319 Model -111, A319 Model -112, A319 Model -114, A319 Model -132 A320 Model -111, A320 Model -211, A320 Model -212, A320 Model -214, A320 Model -231, A320 Model -232, A320 Model -233 A321 Model -111, A321 Model -112, A321 Model -131, A321 Model -211, A321 Model -231 When Honeywell Auxiliary Power Unit Model GTCP36-300[A], P/N's 3800278-3, 3800278-4 Installed.
Carbon Seal	ADP49155-1	Honeywell P/N 3826535-1	Test and Computations per 14 CFR § 21.303 <u>DWG NO:</u> ADP49155 <u>REV:</u> N/C <u>DATE:</u> 01/15/07 or later FAA Approved revisions	Boeing	737-300 Series When Honeywell Auxiliary Power Unit Model GTCP36-280[B], P/N 3800516-1 Installed.
Carbon Seal	ADP49155-1	Honeywell P/N 3826535-1	Test and Computations per 14 CFR § 21.303 <u>DWG NO:</u> ADP49155 <u>REV:</u> N/C <u>DATE:</u> 01/15/07 or later FAA Approved revisions	McDonnell Douglas	DC-9-82 (MD-82) MD-88 When Honeywell Auxiliary Power Unit Model GTCP36-280[D], P/N 3800504-1 Installed.

<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>
Shim, Compressor Wheel	ADP49156-1	Honeywell P/N 3826562-1	Test and Computations per 14 CFR § 21.303 <u>DWG NO:</u> ADP49156 <u>REV:</u> N/C <u>DATE:</u> 08/16/06 or later FAA Approved revisions	Airbus	A319 Model -111, A319 Model -112, A319 Model -114, A319 Model -132 A320 Model -111, A320 Model -211, A320 Model -212, A320 Model -214, A320 Model -231, A320 Model -232, A320 Model -233 A321 Model -111, A321 Model -112, A321 Model -131, A321 Model -211, A321 Model -231 When Honeywell Auxiliary Power Unit Model GTCP36-300[A]], P/N's 3800278-3, 3800278-4 Installed.
Shim, Compressor Wheel	ADP49156-1	Honeywell P/N 3826562-1	Test and Computations per 14 CFR § 21.303 <u>DWG NO:</u> ADP49156 <u>REV:</u> N/C <u>DATE:</u> 08/16/06 or later FAA Approved revisions	Boeing	737-300 Series When Honeywell Auxiliary Power Unit Model GTCP36-280[B], P/N 3800516-1 Installed.
Shim, Compressor Wheel	ADP49156-1	Honeywell P/N 3826562-1	Test and Computations per 14 CFR § 21.303 <u>DWG NO:</u> ADP49156 <u>REV:</u> N/C <u>DATE:</u> 08/16/06 or later FAA Approved revisions	McDonnell Douglas	DC-9-82 (MD-82) MD-88 When Honeywell Auxiliary Power Unit Model GTCP36-280[D], P/N 3800504-1 Installed.
Shim, Compressor Wheel	ADP49156-2	Honeywell P/N 3826562-2	Test and Computations per 14 CFR § 21.303 <u>DWG NO:</u> ADP49156 <u>REV:</u> N/C <u>DATE:</u> 08/16/06 or later FAA Approved revisions	Airbus	A319 Model -111, A319 Model -112, A319 Model -114, A319 Model -132 A320 Model -111, A320 Model -211, A320 Model -212, A320 Model -214, A320 Model -231, A320 Model -232, A320 Model -233

<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>
					A321 Model -111, A321 Model -112, A321 Model -131, A321 Model -211, A321 Model -231 When Honeywell Auxiliary Power Unit Model GTCP36- 300[A], P/N's 3800278-3, 3800278- 4 Installed.
Shim, Compressor Wheel	ADP49156-2	Honeywell P/N 3826562-2	Test and Computations per 14 CFR § 21.303 <u>DWG NO:</u> ADP49156 <u>REV:</u> N/C <u>DATE:</u> 08/16/06 or later FAA Approved revisions	Boeing	737-300 Series When Honeywell Auxiliary Power Unit Model GTCP36- 280[B], P/N 3800516-1 Installed.
Shim, Compressor Wheel	ADP49156-2	Honeywell P/N 3826562-2	Test and Computations per 14 CFR § 21.303 <u>DWG NO:</u> ADP49156 <u>REV:</u> N/C <u>DATE:</u> 08/16/06 or later FAA Approved revisions	McDonnell Douglas	DC-9-82 (MD-82) MD-88 When Honeywell Auxiliary Power Unit Model GTCP36- 280[D], P/N 3800504-1 Installed.
Shim, Compressor Wheel	ADP49156-3	Honeywell P/N 3826562-3	Test and Computations per 14 CFR § 21.303 <u>DWG NO:</u> ADP49156 <u>REV:</u> N/C <u>DATE:</u> 08/16/06 or later FAA Approved revisions	Airbus	A319 Model -111, A319 Model -112, A319 Model -114, A319 Model -132 A320 Model -111, A320 Model -211, A320 Model -212, A320 Model -214, A320 Model -231, A320 Model -232, A320 Model -233 A321 Model -111, A321 Model -112, A321 Model -131, A321 Model -211, A321 Model -231 When Honeywell Auxiliary Power Unit Model GTCP36- 300[A], P/N's 3800278-3, 3800278- 4 Installed.

<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>
Shim, Compressor Wheel	ADP49156-3	Honeywell P/N 3826562-3	Test and Computations per 14 CFR § 21.303 <u>DWG NO:</u> ADP49156 <u>REV:</u> N/C <u>DATE:</u> 08/16/06 or later FAA Approved revisions	Boeing	737-300 Series When Honeywell Auxiliary Power Unit Model GTCP36-280[B], P/N 3800516-1 Installed.
Shim, Compressor Wheel	ADP49156-3	Honeywell P/N 3826562-3	Test and Computations per 14 CFR § 21.303 <u>DWG NO:</u> ADP49156 <u>REV:</u> N/C <u>DATE:</u> 08/16/06 or later FAA Approved revisions	McDonnell Douglas	DC-9-82 (MD-82) MD-88 When Honeywell Auxiliary Power Unit Model GTCP36-280[D], P/N 3800504-1 Installed.
Shim, Compressor Wheel	ADP49156-4	Honeywell P/N 3826562-4	Test and Computations per 14 CFR § 21.303 <u>DWG NO:</u> ADP49156 <u>REV:</u> N/C <u>DATE:</u> 08/16/06 or later FAA Approved revisions	Airbus	A319 Model -111, A319 Model -112, A319 Model -114, A319 Model -132 A320 Model -111, A320 Model -211, A320 Model -212, A320 Model -214, A320 Model -231, A320 Model -232, A320 Model -233 A321 Model -111, A321 Model -112, A321 Model -131, A321 Model -211, A321 Model -231 When Honeywell Auxiliary Power Unit Model GTCP36-300[A], P/N's 3800278-3, 3800278-4 Installed.
Shim, Compressor Wheel	ADP49156-4	Honeywell P/N 3826562-4	Test and Computations per 14 CFR § 21.303 <u>DWG NO:</u> ADP49156 <u>REV:</u> N/C <u>DATE:</u> 08/16/06 or later FAA Approved revisions	Boeing	737-300 Series When Honeywell Auxiliary Power Unit Model GTCP36-280[B], P/N 3800516-1 Installed.

<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>
Shim, Compressor Wheel	ADP49156-4	Honeywell P/N 3826562-4	Test and Computations per 14 CFR § 21.303 <u>DWG NO:</u> ADP49156 <u>REV:</u> N/C <u>DATE:</u> 08/16/06 or later FAA Approved revisions	McDonnell Douglas	DC-9-82 (MD-82) MD-88 When Honeywell Auxiliary Power Unit Model GTCP36-280[D], P/N 3800504-1 Installed.
Washer – Wavespring	ADP49157-1	Honeywell P/N 3826630-1	Test and Computations per 14 CFR § 21.303 <u>DWG NO:</u> ADP49157 <u>REV:</u> N/C <u>DATE:</u> 08/17/06 or later FAA Approved revisions	Airbus	A319 Model -111, A319 Model -112, A319 Model -114, A319 Model -132 A320 Model -111, A320 Model -211, A320 Model -212, A320 Model -214, A320 Model -231, A320 Model -232, A320 Model -233 A321 Model -111, A321 Model -112, A321 Model -131, A321 Model -211, A321 Model -231 When Honeywell Auxiliary Power Unit Model GTCP36-300[A], P/N's 3800278-3, 3800278-4 Installed.
Washer – Wavespring	ADP49157-1	Honeywell P/N 3826630-1	Test and Computations per 14 CFR § 21.303 <u>DWG NO:</u> ADP49157 <u>REV:</u> N/C <u>DATE:</u> 08/17/06 or later FAA Approved revisions	Boeing	737-300 Series When Honeywell Auxiliary Power Unit Model GTCP36-280[B], P/N 3800516-1 Installed.
Washer – Wavespring	ADP49157-1	Honeywell P/N 3826630-1	Test and Computations per 14 CFR § 21.303 <u>DWG NO:</u> ADP49157 <u>REV:</u> N/C <u>DATE:</u> 08/17/06 or later FAA Approved revisions	McDonnell Douglas	DC-9-82 (MD-82) MD-88 When Honeywell Auxiliary Power Unit Model GTCP36-280[D], P/N 3800504-1 Installed.
Gasket, Metal	ADP49158-1	Honeywell P/N 3846496-1	Test and Computations per 14 CFR § 21.303 <u>DWG NO:</u> ADP49158 <u>REV:</u> N/C <u>DATE:</u> 08/17/06 or later FAA Approved revisions	Airbus	A319 Model -111, A319 Model -112, A319 Model -114, A319 Model -132

<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>
					A320 Model -111, A320 Model -211, A320 Model -212, A320 Model -214, A320 Model -231, A320 Model -232, A320 Model -233
					A321 Model -111, A321 Model -112, A321 Model -131, A321 Model -211, A321 Model -231
					When Honeywell Auxiliary Power Unit Model GTCP36- 300[A], P/N's 3800278-3, 3800278- 4 Installed.
Gasket, Metal	ADP49158-1	Honeywell P/N 3846496-1	Test and Computations per 14 CFR § 21.303 <u>DWG NO:</u> ADP49158 <u>REV:</u> N/C <u>DATE:</u> 08/17/06 or later FAA Approved revisions	Boeing	737-300 Series When Honeywell Auxiliary Power Unit Model GTCP36- 280[B], P/N 3800516- 1 Installed.
Gasket, Metal	ADP49158-1	Honeywell P/N 3846496-1	Test and Computations per 14 CFR § 21.303 <u>DWG NO:</u> ADP49158 <u>REV:</u> N/C <u>DATE:</u> 08/17/06 or later FAA Approved revisions	McDonnell Douglas	DC-9-82 (MD-82) MD-88 When Honeywell Auxiliary Power Unit Model GTCP36- 280[D], P/N 3800504- 1 Installed.

-----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 Jerry Robinette
Melvin D. Taylor, Manager Atlanta
Aircraft Certification Office

Jim Reeves
Jim Reeves, Manager Atlanta
Manufacturing Inspection District Office