



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**

August 17, 2009

PMA No. PQ1682CE

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 July 1, 2009, 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. 56.

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. 56. Please keep the enclosed supplement with the original PMA letter as evidence of approval to produce the parts concerned.

Sincerely,

Jim Reeves
Manager, Atlanta Manufacturing
Inspection District Office

ADpma, LLC
 401 Century Ct.
 Piney Flats, TN 37686

PMA NO. PQ1682CE
 SUPPLEMENT NO. 56
 DATE: August 17, 2009

<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 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/C <u>DATE:</u> 06/16/05 or later FAA approved revisions.	Embraer	EMB-120 With Honeywell APU Model GTCP36-150[A] or GTCP36-150[AA] Installed.
				328 Suport Services GmbH	Dornier Model 328-300 With Honeywell APU Model GTCP36-150[DD] Installed.
				BAE Systems	BAe 146-200A, Avro 146-RJ70A, Avro 146-RJ85A & Avro 146-RJ100A With Honeywell APU GTCP36-150[M] Installed.
				Dassault	Mystere-Falcon 900 & Falcon 900EX With Honeywell APU GTCP36-150[F] 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/C <u>DATE:</u> 06/30/05 or later FAA approved revisions.	Fokker Services B.V.	Model F.28 Mark 0100 & Model F.28 Mark 0070 With Honeywell APU GTCP36-150[RR] Installed.
Gear Set, Matched Spur	PMA49011-101	Honeywell P/N 3860339-1	Test and Computations per 14 CFR § 21.303 <u>DWG NO:</u> PMA49011 <u>REV:</u> B <u>DATE:</u> 05/02/05 or later FAA approved revisions.	Embraer	EMB-120 With Honeywell APU Model GTCP36-150[A] or GTCP36-150[AA] Installed.
				328 Suport Services GmbH	Dornier Model 328-300 With Honeywell APU Model GTCP36-150[DD] Installed.
Seal Set, Interstage	PMA49012-103	Honeywell P/N 3614521-3	Test and Computations per 14 CFR § 21.303 <u>DWG NO:</u> PMA49012	328 Suport Services GmbH	Dornier Model 328-300 With Honeywell APU Model GTCP36-150[DD]

REV: C
DATE: 10/20/04 or later
FAA approved
revisions.

BAE
Systems

Installed.

BAe 146-200A,
Avro 146-RJ70A,
Avro 146-RJ85A &
Avro 146-RJ100A With
Honeywell APU
GTCP36-150[M]
Installed.

Dassault

Mystere-Falcon 900 &
Falcon 900EX With
Honeywell APU
GTCP36-150[F] Installed.

Fokker
Services
B.V.

Model F.28 Mark 0100 &
Model F.28 Mark 0070
With Honeywell APU
GTCP36-150[RR]
Installed.

Bushing
Nonmetallic

PMA49015-1

Honeywell P/N 3826790-1

Test and Computations
per 14 CFR § 21.303
DWG NO: PMA49015
REV: A
DATE: 10/20/04 or later
FAA approved
revisions.

Fokker
Services
B.V.

Model F.28 Mark 0100 &
Model F.28 Mark 0070
With Honeywell APU
GTCP36-150[RR]
Installed.

Bushing
Nonmetallic

PMA49016-2

Honeywell P/N 3826791-2

Test and Computations
per 14 CFR § 21.303
DWG NO: PMA49016
REV: A
DATE: 10/20/04 or later
FAA approved
revisions.

Fokker
Services
B.V.

Model F.28 Mark 0100 &
Model F.28 Mark 0070
With Honeywell APU
GTCP36-150[RR]
Installed.

Bushing

PMA49017-1

Honeywell P/N 3826797-1

Test and Computations
per 14 CFR § 21.303
DWG NO: PMA49017
REV: B
DATE: 09/01/06 or later
FAA approved
revisions.

Fokker
Services
B.V.

Model F.28 Mark 0100 &
Model F.28 Mark 0070
With Honeywell APU
GTCP36-150[RR]
Installed.

Shaft, Planet Gear	PMA49022-2	Honeywell P/N 3860005-2	Test and Computations per 14 CFR § 21.303 <u>DWG NO:</u> PMA49022 <u>REV:</u> A <u>DATE:</u> 10/20/04 or later FAA approved revisions.	Embraer 328 Suport Services GmbH	EMB-120 With Honeywell APU Model GTCP36-150[A] or GTCP36-150[AA] Installed. Dornier Model 328-300 With Honeywell APU Model GTCP36-150[DD] Installed.
				BAE Systems	BAe 146-100A, BAe 146-200A & BAe 146-300A With Honeywell APU GTCP36-100[M] Installed. BAe 146-200A, Avro 146-RJ70A, Avro 146-RJ85A & Avro 146-RJ100A With Honeywell APU GTCP36-150[M] Installed.
				Dassault	Mystere-Falcon 900 & Falcon 900EX With Honeywell APU GTCP36-150[F] Installed.
				Fokker Services B.V.	Model F.28 Mark 0100 & Model F.28 Mark 0070 With Honeywell APU GTCP36-150[RR] Installed.
Retainer, Ring Gear	PMA49023-3	Honeywell P/N 3860094-3	Test and Computations per 14 CFR § 21.303 <u>DWG NO:</u> PMA49023 <u>REV:</u> A <u>DATE:</u> 10/20/04 or later FAA approved revisions.	Embraer 328 Suport Services GmbH	EMB-120 With Honeywell APU Model GTCP36-150[A] or GTCP36-150[AA] Installed. Dornier Model 328-300 With Honeywell APU Model GTCP36-150[DD] Installed.

Gear, Internal	PMA49024-2	Honeywell P/N 3860331-2	Test and Computations per 14 CFR § 21.303 <u>DWG NO:</u> PMA49024 <u>REV:</u> C <u>DATE:</u> 04/03/08 or later FAA approved revisions.	Embraer 328 Suport Services GmbH	EMB-120 With Honeywell APU Model GTCP36-150[A] or GTCP36-150[AA] Installed. Dornier Model 328-300 With Honeywell APU Model GTCP36-150[DD] Installed.
Bushing	PMA49026-1	Honeywell P/N 3862008-1	Test and Computations per 14 CFR § 21.303 <u>DWG NO:</u> PMA49026 <u>REV:</u> A <u>DATE:</u> 10/20/04 or later FAA approved revisions.	Embraer 328 Suport Services GmbH BAE Systems Dassault Fokker Services B.V.	EMB-120 With Honeywell APU Model GTCP36-150[A] or GTCP36-150[AA] Installed. Dornier Model 328-300 With Honeywell APU Model GTCP36-150[DD] Installed. BAe 146-100A, BAe 146-200A & BAe 146-300A With Honeywell APU GTCP36-100[M] Installed. BAe 146-200A, Avro 146-RJ70A, Avro 146-RJ85A & Avro 146-RJ100A With Honeywell APU GTCP36-150[M] Installed. Mystere-Falcon 900 & Falcon 900EX With Honeywell APU GTCP36-150[F] Installed. Model F.28 Mark 0100 & Model F.28 Mark 0070 With Honeywell APU GTCP36-150[RR] Installed.

Seat, Spring	PMA49028-2	Honeywell P/N 3606985-2	Test and Computations per 14 CFR § 21.303 <u>DWG NO:</u> PMA49028 <u>REV:</u> A <u>DATE:</u> 10/20/04 or later FAA approved revisions.	Embraer 328 Suport Services GmbH	EMB-120 With Honeywell APU Model GTCP36-150[A] or GTCP36-150[AA] Installed. Dornier Model 328-300 With Honeywell APU Model GTCP36-150[DD] Installed.
				BAE Systems	BAe 146-200A, Avro 146-RJ70A, Avro 146-RJ85A & Avro 146-RJ100A With Honeywell APU GTCP36-150[M] Installed.
				Dassault	Mystere-Falcon 900 & Falcon 900EX With Honeywell APU GTCP36-150[F] Installed.
Seal, Inlet Plenum	PMA49032-3	Honeywell P/N 3810143-3	Test and Computations per 14 CFR § 21.303 <u>DWG NO:</u> PMA49032 <u>REV:</u> A <u>DATE:</u> 10/20/04 or later FAA approved revisions.	Fokker Services B.V.	Model F.28 Mark 0100 & Model F.28 Mark 0070 With Honeywell APU GTCP36-150[RR] Installed.
Gearshaft	PMA49033-1	Honeywell P/N 3822105-1	Test and Computations per 14 CFR § 21.303 <u>DWG NO:</u> PMA49033 <u>REV:</u> A <u>DATE:</u> 04/03/03 or later FAA approved revisions.	Embraer 328 Suport Services GmbH Fokker Services B.V.	EMB-120 With Honeywell APU Model GTCP36-150[A] or GTCP36-150[AA] Installed. Dornier Model 328-300 With Honeywell APU Model GTCP36-150[DD] Installed. Model F.28 Mark 0100 & Model F.28 Mark 0070 With Honeywell APU GTCP36-150[RR] Installed.

Rotor, Seal	PMA49035-2	Honeywell P/N 3827086-2	Test and Computations per 14 CFR § 21.303 <u>DWG NO:</u> PMA49035 <u>REV:</u> A <u>DATE:</u> 09/08/03 or later FAA approved revisions.	Embraer 328 Suport Services GmbH	EMB-120 With Honeywell APU Model GTCP36-150[A] or GTCP36-150[AA] Installed. Dornier Model 328-300 With Honeywell APU Model GTCP36-150[DD] Installed.
				BAE Systems	BAe 146-100A, BAe 146-200A & BAe 146-300A With Honeywell APU GTCP36-100[M] Installed.
					BAe 146-200A, Avro 146-RJ70A, Avro 146-RJ85A & Avro 146-RJ100A With Honeywell APU GTCP36-150[M] Installed.
				Dassault	Mystere-Falcon 900 & Falcon 900EX With Honeywell APU GTCP36-150[F] Installed.
				Fokker Services B.V.	Model F.28 Mark 0100 & Model F.28 Mark 0070 With Honeywell APU GTCP36-150[RR] Installed.
Ring, Unison	PMA49038-1	Honeywell P/N 3826792-1	Test and Computations per 14 CFR § 21.303 <u>DWG NO:</u> PMA49038 <u>REV:</u> A <u>DATE:</u> 10/20/04 or later FAA approved revisions.	Fokker Services B.V.	Model F.28 Mark 0100 & Model F.28 Mark 0070 With Honeywell APU GTCP36-150[RR] Installed.

Body, Relief Valve	PMA49043-2	Honeywell P/N 3601504-2	Test and Computations per 14 CFR § 21.303 <u>DWG NO:</u> PMA49043 <u>REV:</u> A <u>DATE:</u> 10/20/04 or later FAA approved revisions.	Embraer	EMB-120 With Honeywell APU Model GTCP36-150[A] or GTCP36-150[AA] Installed.
				328 Suport Services GmbH	Dornier Model 328-300 With Honeywell APU Model GTCP36-150[DD] Installed.
				BAE Systems	BAe 146-200A, Avro 146-RJ70A, Avro 146-RJ85A & Avro 146-RJ100A With Honeywell APU GTCP36-150[M] Installed.
				Dassault	Mystere-Falcon 900 & Falcon 900EX With Honeywell APU GTCP36-150[F] Installed.
Seat, Spring	PMA49044-2	Honeywell P/N 3601505-2	Test and Computations per 14 CFR § 21.303 <u>DWG NO:</u> PMA49044 <u>REV:</u> A <u>DATE:</u> 04/03/03 or later FAA approved revisions.	Embraer	EMB-120 With Honeywell APU Model GTCP36-150[A] or GTCP36-150[AA] Installed.
				328 Suport Services GmbH	Dornier Model 328-300 With Honeywell APU Model GTCP36-150[DD] Installed.
				BAE Systems	BAe 146-200A, Avro 146-RJ70A, Avro 146-RJ85A & Avro 146-RJ100A With Honeywell APU GTCP36-150[M] Installed.
				Dassault	Mystere-Falcon 900 & Falcon 900EX With Honeywell APU GTCP36-150[F] Installed.

Valve & Sleeve Set Assy, Fuel Control Metering Matched	PMA49045-101	Honeywell P/N 3601509-1	Test and Computations per 14 CFR § 21.303 <u>DWG NO:</u> PMA49045 <u>REV:</u> A <u>DATE:</u> 09/08/03 or later FAA approved revisions.	Embraer 328 Suport Services GmbH	EMB-120 With Honeywell APU Model GTCP36-150[A] or GTCP36-150[AA] Installed. Dornier Model 328-300 With Honeywell APU Model GTCP36-150[DD] Installed.
				BAE Systems	BAe 146-200A, Avro 146-RJ70A, Avro 146-RJ85A & Avro 146-RJ100A With Honeywell APU GTCP36-150[M] Installed.
				Dassault	Mystere-Falcon 900 & Falcon 900EX With Honeywell APU GTCP36-150[F] Installed.
Retainer, Valve	PMA49046-2	Honeywell P/N 3601510-2	Test and Computations per 14 CFR § 21.303 <u>DWG NO:</u> PMA49046 <u>REV:</u> A <u>DATE:</u> 10/20/04 or later FAA approved revisions.	Embraer 328 Suport Services GmbH	EMB-120 With Honeywell APU Model GTCP36-150[A] or GTCP36-150[AA] Installed. Dornier Model 328-300 With Honeywell APU Model GTCP36-150[DD] Installed.
				BAE Systems	BAe 146-200A, Avro 146-RJ70A, Avro 146-RJ85A & Avro 146-RJ100A With Honeywell APU GTCP36-150[M] Installed.
				Dassault	Mystere-Falcon 900 & Falcon 900EX With Honeywell APU GTCP36-150[F] Installed.

Gearshaft, Spur	PMA49047-3	Honeywell P/N 3606382-3	Test and Computations per 14 CFR § 21.303 <u>DWG NO:</u> PMA49047 <u>REV:</u> A <u>DATE:</u> 09/08/03 or later FAA approved revisions.	Embraer	EMB-120 With Honeywell APU Model GTCP36-150[A] or GTCP36-150[AA] Installed.
				328 Suport Services GmbH	Dornier Model 328-300 With Honeywell APU Model GTCP36-150[DD] Installed.
				BAE Systems	BAe 146-200A, Avro 146-RJ70A, Avro 146-RJ85A & Avro 146-RJ100A With Honeywell APU GTCP36-150[M] Installed.
				Dassault	Mystere-Falcon 900 & Falcon 900EX With Honeywell APU GTCP36-150[F] Installed.
Retainer, Spring	PMA49049-1	Honeywell P/N 3606984-1	Test and Computations per 14 CFR § 21.303 <u>DWG NO:</u> PMA49049 <u>REV:</u> A <u>DATE:</u> 10/20/04 or later FAA approved revisions.	Embraer	EMB-120 With Honeywell APU Model GTCP36-150[A] or GTCP36-150[AA] Installed.
				328 Suport Services GmbH	Dornier Model 328-300 With Honeywell APU Model GTCP36-150[DD] Installed.
				BAE Systems	BAe 146-200A, Avro 146-RJ70A, Avro 146-RJ85A & Avro 146-RJ100A With Honeywell APU GTCP36-150[M] Installed.
				Dassault	Mystere-Falcon 900 & Falcon 900EX With Honeywell APU GTCP36-150[F] Installed.
Vane Set, Matched	PMA49058-103	Honeywell P/N 3826825-3	Test and Computations per 14 CFR § 21.303 <u>DWG NO:</u> PMA49058 <u>REV:</u> A <u>DATE:</u> 09/08/03 or later FAA approved revisions.	Fokker Services B.V.	Model F.28 Mark 0100 & Model F.28 Mark 0070 With Honeywell APU GTCP36-150[RR] Installed.

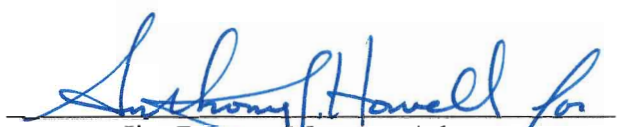
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NOTE:

- 1) 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.
- 2) The FAA approved the ICA for the above parts with their designs. If the TC holder's ICA applies to these replacement parts, provide a statement noting such. If not, provide supplementary ICA per 14 CFR § 21.50. Make referral statements or supplemental ICA readily available per 14 CFR § 21.50.



Melvin D. Taylor, Manager Atlanta
Aircraft Certification Office



Jim Reeves, Manager Atlanta
Manufacturing Inspection District Office