U. S. Department
of Transportation

**Federal Aviation
Administration**

Small Airplane Directorate
Cleveland Manufacturing Inspection District Office
Great Northern Technology Park II
25221 Country Club Blvd., Suite 255
North Olmsted, Ohio 44070

July 25, 2006

Aviation Component Solutions
1380 Heritage Drive
Cleveland, Ohio 44117

Attention: Mr. Dave Kvasnicka
General Manager

FEDERAL AVIATION ADMINISTRATION - PARTS MANUFACTURER APPROVAL

The statements dated March 8, 9, and 16, 2006, and April 4, 25, and 28, 2006, certifying that Aviation Component Solutions has established a fabrication inspection system that meets the requirements of 14 CFR part 21.303(h) for the parts listed, are accepted.

Transmitted herewith is Production Approval Listing, Supplement No. 84 dated July 25, 2006, which grants approval of the production of the parts listed thereon, under the same conditions and limitations included in the approval letter of June 27, 2000.

Should you have any questions regarding this matter, you may wish to direct them to this office at telephone number (440) 686-2800.

Sincerely,

for Kimberly S. Edwards

Matthew E. Tomsheck
Manager, Manufacturing
Inspection District Office

Enclosure

PARTS MANUFACTURER APPROVAL NO: PQ2685CE-D
PRODUCTION APPROVAL LISTING - SUPPLEMENT NO. 84
DATE: July 25, 2006

FEDERAL AVIATION ADMINISTRATION - PARTS MANUFACTURER APPROVAL

Aviation Component Solutions
1380 Heritage Drive
Cleveland, Ohio 44117

Part Name	Part Number	Approved Replacement For	FAA Approval Basis and Approved Design Data	Installation Eligibility: MAKE	Installation Eligibility: MODEL
Bearing Seal	P00612	Honeywell P/N 2205957-1 installed in Honeywell Air Cycle Machine P/Ns 2206400-1, 2206400-2	Test and Computations per 14 CFR § 21.303 DWG No.: P00612 Rev.: NC Date: 09/27/2004 or later FAA approved revisions	Boeing	737-600 Series, 737-700 Series, 737-800 Series
Ring Piston	P00698	Fairchild Controls P/N 203138-1 installed in Fairchild Controls Turbine Assy-Pneumatic Drive P/Ns 108440-10, 108440-12, 108440-14, 108440-16, 109300-2, 109300-4, 109300-6, 109300-14	Test and Computations per 14 CFR § 21.303 DWG No.: P00698 Rev.: C Date: 02/03/2006 or later FAA approved revisions	Boeing	747-100 Series, 747-100B Series, 747-100B SUD Series, 747-200B Series, 747-200C Series, 747-200F Series, 747-300 Series, 747-400 Series, 747-400F Series, 747SP Series, 747SR Series
Ring Piston	P00698	Fairchild Controls P/N 203138-1 installed in Fairchild Controls Turbine Assy-Pneumatic Drive P/Ns 109300-10, 109300-12	Test and Computations per 14 CFR § 21.303 DWG No.: P00698 Rev.: C Date: 02/03/2006 or later FAA approved revisions	Boeing	747-100 Series, 747-100B SUD Series, 747-200B Series, 747-200C Series, 747-200F Series, 747-300 Series, 747-400 Series, 747-400F Series, 747SP Series
Ring Piston	P00698	Fairchild Controls P/N 203138-1 installed in Fairchild Controls Turbine Assy-Pneumatic Drive P/N 109300-16	Test and Computations per 14 CFR § 21.303 DWG No.: P00698 Rev.: C Date: 02/03/2006 or later FAA approved revisions	Boeing	747-100 Series, 747-100B SUD Series, 747-200B Series, 747-200C Series, 747-200F Series, 747-300 Series, 747-400 Series, 747-400D Series, 747-400F Series, 747SP Series
Ring Piston	P00698	Fairchild Controls P/N 203138-1 installed in Fairchild Controls Turbine Assy-Pneumatic Drive P/N 109300-18	Test and Computations per 14 CFR § 21.303 DWG No.: P00698 Rev.: C Date: 02/03/2006 or later FAA approved revisions	Boeing	747-100 Series, 747-200B Series, 747-200C Series, 747-200F Series, 747-300 Series, 747-400 Series, 747-400D Series, 747-400F Series, 747SP Series
Ring Piston	P00698	Fairchild Controls P/N 203138-1 installed in Fairchild Controls Turbine Assy-Pneumatic Drive P/N 109300-20	Test and Computations per 14 CFR § 21.303 DWG No.: P00698 Rev.: C Date: 02/03/2006 or later FAA approved revisions	Boeing	747-200B Series, 747-200F Series, 747-300 Series, 747-400 Series, 747-400F Series

Seal-Fan	P00712	Honeywell P/N 2205793-1 installed in Honeywell Air Cycle Machine P/Ns 2206400-1, 2206400-2	Test and Computations per 14 CFR § 21.303 DWG No.: P00712 Rev.: NC Date: 05/23/2005 or later FAA approved revisions	Boeing	737-600 Series, 737-700 Series, 737-800 Series
Guide, Spring	P00731	Eaton Vickers P/N 624125 installed in Eaton Vickers Hydraulic Pump P/N 623977	Test and Computations per 14 CFR § 21.303 DWG No.: P00731 Rev.: A Date: 01/30/2006 or later FAA approved revisions	Airbus	A319 Models -112, -114, -131, -133; A320 Models -111, -211, -212, -214, -231, -232, -233; A321 Models -131, -211, -231
Guide, Spring	P00731	Eaton Vickers P/N 624125 installed in Eaton Vickers Hydraulic Pump P/N 623977	Test and Computations per 14 CFR § 21.303 DWG No.: P00731 Rev.: A Date: 01/30/2006 or later FAA approved revisions	Boeing	747-100 Series, 747-100B Series, 747-100B SUD Series, 747-200B Series, 747-200C Series, 747-200F Series, 747-300 Series, 747-400 Series, 747-400D Series, 747-400F Series, 747SP Series, 747SR Series; 767-200 Series, 767-300 Series, 767-400ER Series
Guide, Spring	P00731	Eaton Vickers P/N 624125 installed in Eaton Vickers Hydraulic Pump P/N 623977	Test and Computations per 14 CFR § 21.303 DWG No.: P00731 Rev.: A Date: 01/30/2006 or later FAA approved revisions	General Electric	CF6-80C2B1F, CF6-80C2B2F, CF6-80C2B4F, CF6-80C2B5F, CF6-80C2B6F, CF6-80C2B6FA, CF6-80C2B7F, CF6-80C2B8F, CF6-80C2D1F
Guide, Spring	P00731	Eaton Vickers P/N 624125 installed in Eaton Vickers Hydraulic Pump P/N 887673	Test and Computations per 14 CFR § 21.303 DWG No.: P00731 Rev.: A Date: 01/30/2006 or later FAA approved revisions	Airbus	A310-324, A310-325; A318 -111; A319 Models -111, -112, -113, -114, -115, -131, -132, -133; A320 Models -211, -212, -214, -231, -232, -233; A321 Models -111, -112, -131, -211, -231
Guide, Spring	P00731	Eaton Vickers P/N 624125 installed in Eaton Vickers Hydraulic Pump P/N 887673	Test and Computations per 14 CFR § 21.303 DWG No.: P00731 Rev.: A Date: 01/30/2006 or later FAA approved revisions	Boeing	747-100 Series, 747-100B Series, 747-100B SUD Series, 747-200B Series, 747-200C Series, 747-200F Series, 747-300 Series, 747-400 Series, 747-400D Series, 747-400F Series, 747SP Series, 747SR Series; 757-200 Series, 757-200PF Series, 757-300 Series; 767-200 Series, 767-300 Series, 767-400ER Series
Guide, Spring	P00731	Eaton Vickers P/N 624125 installed in Eaton Vickers Hydraulic Pump P/N 887673	Test and Computations per 14 CFR § 21.303 DWG No.: P00731 Rev.: A Date: 01/30/2006 or later FAA approved revisions	McDonnell Douglas	MD-11F

Guide, Spring	P00731	Eaton Vickers P/N 624125 installed in Eaton Vickers Hydraulic Pump P/N 887673	Test and Computations per 14 CFR § 21.303 DWG No.: P00731 Rev.: A Date: 01/30/2006 or later FAA approved revisions	General Electric	CF6-80C2D1F
Guide, Spring	P00731	Eaton Vickers P/N 624125 installed in Eaton Vickers Hydraulic Pump P/N 887111	Test and Computations per 14 CFR § 21.303 DWG No.: P00731 Rev.: A Date: 01/30/2006 or later FAA approved revisions	Boeing	747-100 Series, 747-100B Series, 747-100B SUD Series, 747-200B Series, 747-200C Series, 747-200F Series, 747-300 Series, 747-400 Series, 747-400D Series, 747-400F Series, 747SP Series, 747SR Series; 767-200 Series, 767-300 Series, 767-400ER Series
Seal, CPRSR	P00735	Honeywell P/N 2205956-1 installed in Honeywell Air Cycle Machine P/Ns 2206400-1, 2206400-2	Test and Computations per 14 CFR § 21.303 DWG No.: P00735 Rev.: NC Date: 09/03/2005 or later FAA approved revisions	Boeing	737-600 Series, 737-700 Series, 737-800 Series
Poppet	P00697	Fairchild Controls P/N 48604-1 installed in Fairchild Controls Turbine Assy-Pneumatic Drive P/Ns 109300-2, 109300-14	Test and Computations per 14 CFR § 21.303 DWG No.: P00697 Rev.: A Date: 02/02/2006 or later FAA approved revisions	Boeing	747-100 Series, 747-100B Series, 747-100B SUD Series, 747-200B Series, 747-200C Series, 747-200F Series, 747-300 Series, 747-400 Series, 747-400D Series, 747-400F Series, 747SP Series, 747SR Series
Poppet	P00697	Fairchild Controls P/N 48604-1 installed in Fairchild Controls Turbine Assy-Pneumatic Drive P/Ns 109300-16	Test and Computations per 14 CFR § 21.303 DWG No.: P00697 Rev.: A Date: 02/02/2006 or later FAA approved revisions	Boeing	747-100 Series, 747-100B SUD Series, 747-200B Series, 747-200C Series, 747-200F Series, 747-300 Series, 747-400 Series, 747-400D Series, 747-400F Series, 747SP Series
Poppet	P00697	Fairchild Controls P/N 48604-1 installed in Fairchild Controls Turbine Assy-Pneumatic Drive P/Ns 109300-18	Test and Computations per 14 CFR § 21.303 DWG No.: P00697 Rev.: A Date: 02/02/2006 or later FAA approved revisions	Boeing	747-100 Series, 747-200B Series, 747-200C Series, 747-200F Series, 747-300 Series, 747-400 Series, 747-400D Series, 747-400F Series, 747SP Series
Poppet	P00697	Fairchild Controls P/N 48604-1 installed in Fairchild Controls Turbine Assy-Pneumatic Drive P/Ns 109300-20	Test and Computations per 14 CFR § 21.303 DWG No.: P00697 Rev.: A Date: 02/02/2006 or later FAA approved revisions	Boeing	747-200B Series, 747-200F Series, 747-300 Series, 747-400 Series, 747-400F Series.

Seal	P00610	Honeywell P/N 2205783-1 installed in Honeywell Air Cycle Machine P/Ns 2206400-1, 2206400-2	Test and Computations per 14 CFR § 21.303 DWG No.: P00610 Rev.: A Date: 04/11/2006 or later FAA approved revisions	Boeing	737-600 Series, 737-700 Series, 737-800 Series
Seal	P00611	Honeywell P/N 2205783-2 installed in Honeywell Air Cycle Machine P/Ns 2206400-1, 2206400-2	Test and Computations per 14 CFR § 21.303 DWG No.: P00610 Rev.: A Date: 04/11/2006 or later FAA approved revisions	Boeing	737-600 Series, 737-700 Series, 737-800 Series
Valve, Seat	P00664	Liebherr-Aerospace P/N 962-0220 installed in Liebherr-Aerospace Pressure Regulating Valve P/N 962A0000-06	Test and Computations per 14 CFR § 21.303 DWG No.: P00664 Rev.: A2 Date: 11/21/2005 or later FAA approved revisions	Airbus	A330-343; A340-211, A340-212, A340-213, A340-311, A340-313, A340-642

----------End of Listing----------

Kimberly S. Edwards
for Matthew E. Tomsheck
Manager, Manufacturing
Inspection District Office