



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

April 15, 2005

Aviation Component Solutions
1380 Heritage Drive
Cleveland, Ohio 44117

Attention: Mr. Dave Kvasnicka
General Manager

FEDERAL AVIATION ADMINISTRATION - PARTS MANUFACTURER APPROVAL

The statements dated April 11, 2005, 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. 59 dated April 15, 2005, 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,

Kimberly S. Edwards

for
Matthew E. Tomsheck
Manager, Manufacturing
Inspection District Office

Enclosure

PARTS MANUFACTURER APPROVAL NO: PQ2685CE-D
 PRODUCTION APPROVAL LISTING - SUPPLEMENT NO. 59
 DATE: April 15, 2005

FEDERAL AVIATION ADMINISTRATION - PARTS MANUFACTURER APPROVAL

Aviation Component Solutions
 1380 Heritage Drive
 Cleveland, Ohio 44117

<u>Part Name</u>	<u>Part Number</u>	<u>Approved Replacement For</u>	<u>FAA Approval Basis and Approved Design Data</u>	<u>Installation Eligibility: MAKE</u>	<u>Installation Eligibility: MODEL</u>
Retainer	P00479	Hamilton Sundstrand P/N 714933 installed in Hamilton Sundstrand IDG P/Ns 755469B, 755469C, 755469D	Test and Computations per 14 CFR § 21.303 DWG No.: P00479 Rev.: A Date: 2/4/2005 or later FAA approved revisions	Bombardier	CL-600-2B19
		Hamilton Sundstrand P/N 714933 installed in Hamilton Sundstrand IDG P/Ns 729714A, 729714B	Test and Computations per 14 CFR § 21.303 DWG No.: P00479 Rev.: A Date: 2/4/2005 or later FAA approved revisions	Airbus	A310-222, A310-322
		Hamilton Sundstrand P/N 714933 installed in Hamilton Sundstrand IDG P/Ns 729714, 735874B	Test and Computations per 14 CFR § 21.303 DWG No.: P00479 Rev.: A Date: 2/4/2005 or later FAA approved revisions	General Electric	CF6-80A1, CF6-80A3
		Hamilton Sundstrand P/N 714933 installed in Hamilton Sundstrand IDG P/Ns 729714C, 729714B, 729714E	Test and Computations per 14 CFR § 21.303 DWG No.: P00479 Rev.: A Date: 2/4/2005 or later FAA approved revisions	Airbus	A300B4-620, A310-222, A310-322, A310-324, A310-325
		Hamilton Sundstrand P/N 714933 installed in Hamilton Sundstrand IDG P/Ns 735874, 735874A	Test and Computations per 14 CFR § 21.303 DWG No.: P00479 Rev.: A Date: 2/4/2005 or later FAA approved revisions	Airbus	A310-204, A310-304
		Hamilton Sundstrand P/N 714933 installed in Hamilton Sundstrand IDG P/Ns 735874, 735874C	Test and Computations per 14 CFR § 21.303 DWG No.: P00479 Rev.: A Date: 2/4/2005 or later FAA approved revisions	General Electric	CF6-80A1, CF6-80A3, CF6-80C2A1, CF6-80C2A2, CF6-80C2A3, CF6-80C2A5, CF6-80C2A8

Retainer	P00479	Hamilton Sundstrand P/N 714933 installed in Hamilton Sundstrand IDG P/Ns 735874B, 735874C, 735874D	Test and Computations per 14 CFR § 21.303 DWG No.: P00479 Rev.: A Date: 2/4/2005 or later FAA approved revisions	Airbus	A300B4-603, A300B4-605R, A300C4-605R VAR F, A310-204, A310-304
		Hamilton Sundstrand P/N 714933 installed in Hamilton Sundstrand IDG P/N 735874B	Test and Computations per 14 CFR § 21.303 DWG No.: P00479 Rev.: A Date: 2/4/2005 or later FAA approved revisions	General Electric	CF6-80A1, CF6-80A3
		Hamilton Sundstrand P/N 714933 installed in Hamilton Sundstrand IDG P/N 735874D	Test and Computations per 14 CFR § 21.303 DWG No.: P00479 Rev.: A Date: 2/4/2005 or later FAA approved revisions	General Electric	CF6-80C2A1, CF6-80C2A2, CF6-80C2A3, CF6-80C2A5, CF6-80C2A8
		Hamilton Sundstrand P/N 714933 installed in Hamilton Sundstrand IDG P/N 740119B	Test and Computations per 14 CFR § 21.303 DWG No.: P00479 Rev.: A Date: 2/4/2005 or later FAA approved revisions	Airbus	A320-111
		Hamilton Sundstrand P/N 714933 installed in Hamilton Sundstrand IDG P/N 740119C	Test and Computations per 14 CFR § 21.303 DWG No.: P00479 Rev.: A Date: 2/4/2005 or later FAA approved revisions	Airbus	A320-111, A320-211, A320-212
		Hamilton Sundstrand P/N 714933 installed in Hamilton Sundstrand IDG P/Ns 740119D, 740119E, 740119F, 740119G	Test and Computations per 14 CFR § 21.303 DWG No.: P00479 Rev.: A Date: 2/4/2005 or later FAA approved revisions	Airbus	A319-111, A319-112, A319-113, A319-114, A319-115, A319-131, A320-111, A320-211, A320-212, A320-214, A320-231, A320-232, A320-233, A321-111, A321-112, A321-131, A321-211, A321-231
		Hamilton Sundstrand P/N 714933 installed in Hamilton Sundstrand IDG P/N 740119H	Test and Computations per 14 CFR § 21.303 DWG No.: P00479 Rev.: A Date: 2/4/2005 or later FAA approved revisions	Airbus	A319-111, A319-112, A319-113, A319-114, A319-115, A320-111, A320-211, A320-212, A320-214, A321-111, A321-112, A321-211
		Hamilton Sundstrand P/N 714933 installed in Hamilton Sundstrand IDG P/N 766219	Test and Computations per 14 CFR § 21.303 DWG No.: P00479 Rev.: A Date: 2/4/2005 or later FAA approved revisions	Airbus	A319-131, A319-132, A319-133, A320-231, A320-232, A320-233, A321-131, A321-231

Retainer	P00479	Hamilton Sundstrand P/N 714933 installed in Hamilton Sundstrand IDG P/N 739515	Test and Computations per 14 CFR § 21.303 DWG No.: P00479 Rev.: A Date: 2/4/2005 or later FAA approved revisions	Airbus	A300B4-603
		Hamilton Sundstrand P/N 714933 installed in Hamilton Sundstrand IDG P/N 739515A	Test and Computations per 14 CFR § 21.303 DWG No.: P00479 Rev.: A Date: 2/4/2005 or later FAA approved revisions	Boeing	747-400 Series, 767-200 Series, 767-300 Series, 747-400 Series, 767-200 Series, 767-300 Series
		Hamilton Sundstrand P/N 714933 installed in Hamilton Sundstrand IDG P/Ns 727972C, 727972D, 727972E, 727972F, 727972G, 727972I, 727972K, 727972L, 727972M	Test and Computations per 14 CFR § 21.303 DWG No.: P00479 Rev.: A Date: 2/4/2005 or later FAA approved revisions	Boeing	757-200 Series, 757-200PF Series
		Hamilton Sundstrand P/N 714933 installed in Hamilton Sundstrand IDG P/N 729825B	Test and Computations per 14 CFR § 21.303 DWG No.: P00479 Rev.: A Date: 2/4/2005 or later FAA approved revisions	Boeing	767-200 Series, 767-300 Series
		Hamilton Sundstrand P/N 714933 installed in Hamilton Sundstrand IDG P/Ns 729825B, 729825C	Test and Computations per 14 CFR § 21.303 DWG No.: P00479 Rev.: A Date: 2/4/2005 or later FAA approved revisions	General Electric	CF6-80A, CF6-80A2
		Hamilton Sundstrand P/N 714933 installed in Hamilton Sundstrand IDG P/Ns 729825C, 729825D, 729825E, 729825F, 729825G	Test and Computations per 14 CFR § 21.303 DWG No.: P00479 Rev.: A Date: 2/4/2005 or later FAA approved revisions	Boeing	757-200 Series, 767-200 Series, 767-300 Series
		Hamilton Sundstrand P/N 714933 installed in Hamilton Sundstrand IDG P/Ns 729825H, M729825C, 744041, 744041B	Test and Computations per 14 CFR § 21.303 DWG No.: P00479 Rev.: A Date: 2/4/2005 or later FAA approved revisions	Boeing	767-200 Series, 767-300 Series
		Hamilton Sundstrand P/N 714933 installed in Hamilton Sundstrand IDG P/Ns 745329, 745329A	Test and Computations per 14 CFR § 21.303 DWG No.: P00479 Rev.: A Date: 2/4/2005 or later FAA approved revisions	Boeing	767-300 Series

Cam	P00490	Whittaker Controls P/N 321509 installed in Whittaker Controls Nose Cowi TAI Valve P/Ns 172625-6, 172625-7	Test and Computations per 14 CFR § 21.303 DWG No.: P00490 Rev.: B2 Date: 01/10/05 or later FAA approved revisions	Boeing	737-300 Series, 737-400 Series, 737-500 Series
Gear Output	P00506	Flight Refueling P/N 9406565 installed in Flight Refueling Valve- Fill, Overflow and Drain P/N 8084240H	Test and Computations per 14 CFR § 21.303 DWG No.: P00506 Rev.: NC Date: 07/21/04 or later FAA approved revisions	Airbus	A300B4-603, A300B4-605R, A310-222, A310-304, A310-322, A310-324, A310-325
Guide, Valve	P00247	Honeywell P/N 3163812-2 installed in Honeywell HP Regulating Shutoff Valve P/N 3213876-11	Test and Computations per 14 CFR § 21.303 DWG No.: P00247 Rev.: D Date: 12/13/04 or later FAA approved revisions	Bombardier	CL-600-2B19
		Honeywell P/N 3163812-2 installed In Honeywell Anti-Icing Valve P/N 972A0000-03	Test and Computations per 14 CFR § 21.303 DWG No.: P00247 Rev.: D Date: 12/13/04 or later FAA approved revisions	Airbus	A330-343, A340-211, A340-212, A340-213, A340-311, A340-313, A340-642
		Honeywell P/N 3163812-2 installed In Honeywell Anti-Icing Valve P/N 972A0000-02	Test and Computations per 14 CFR § 21.303 DWG No.: P00247 Rev.: D Date: 12/13/04 or later FAA approved revisions	Airbus	A340-211, A340-212, A340-213, A340-311, A340-313
Clip	P00451	Honeywell P/N 3184948- 1 installed In Honeywell High Stage Valve P/N 3214446-4	Test and Computations per 14 CFR § 21.303 DWG No.: P00451 Rev.: NC Date: 01/12/04 or later FAA approved revisions	Boeing	737-300 Series, 737-400 Series, 737-500 Series, 737-600 Series, 737-700 Series, 737-800 Series
		Honeywell P/N 3184948- 1 installed In Honeywell High Stage Valve P/Ns 3214446-2, 3214446-3	Test and Computations per 14 CFR § 21.303 DWG No.: P00451 Rev.: NC Date: 01/12/04 or later FAA approved revisions	Boeing	737-300 Series, 737-400 Series, 737-500 Series
Guide	P00476	Kaiser Fluid Technologies P/N 300013015 installed in Kaiser Fluid Technologies Cowl Anti- Icing Valve P/Ns 300013000-002, 300013000-003	Test and Computations per 14 CFR § 21.303 DWG No.: P00476 Rev.: A Date: 06/28/04 or later FAA approved revisions	Bombardier	CL-600-2B19

Gear, Spur	P00586	Honeywell P/N 3163209-1 installed in Honeywell Trim Air Valve P/Ns 398396-2, 398398-2	Test and Computations per 14 CFR § 21.303 DWG No.: P00586 Rev.: A Date: 02/16/05 or later FAA approved revisions	Airbus	A300B4-603, A300B4-605R, A300B4-620, A300C4-605R VAR F, A310-203, A310-204, A310-222, A310-304, A310-322, A310-324, A310-325
		Honeywell P/N 3163209-1 installed in Honeywell Trim Air Valve P/N 398554-3	Test and Computations per 14 CFR § 21.303 DWG No.: P00586 Rev.: A Date: 02/16/05 or later FAA approved revisions	Airbus	A300B4-603, A300B4-605R, A300B4-620, A300C4-605R VAR F, A310-204, A310-222 A310-304, A310-322, A310-324, A310-325
Ring Set, Piston	P00591	Honeywell P/N 3162926-1 installed in Honeywell Bleed Press Reg Valve P/Ns 3214886-1, 3214886-2	Test and Computations per 14 CFR § 21.303 DWG No.: P00591 Rev.: B Date: 01/14/05 or later FAA approved revisions	Airbus	A300B4-603, A300B4-605R, A300C4-605R VAR F, A310-204, A310-304
		Honeywell P/N 3162926-1 installed in Honeywell PNEU Press Reg Valve P/N 898626-3	Test and Computations per 14 CFR § 21.303 DWG No.: P00591 Rev.: B Date: 01/14/05 or later FAA approved revisions	Airbus	A310-204, A310-304
		Honeywell P/N 3162926-1 installed in Honeywell Pneu Press Reg Valve P/N 898626-4	Test and Computations per 14 CFR § 21.303 DWG No.: P00591 Rev.: B Date: 01/14/05 or later FAA approved revisions	General Electric	CF6-80C2A1, CF6-80C2A2, CF6-80C2A3, CF6-80C2A5, CF6-80C2A8
		Honeywell P/N 3162926-1 installed in Honeywell Pneu Press Reg Valve P/N 898626-4	Test and Computations per 14 CFR § 21.303 DWG No.: P00591 Rev.: B Date: 01/14/05 or later FAA approved revisions	General Electric	CF6-80A1, CF6-80A3, CF6-80C2A1, CF6-80C2A2, CF6-80C2A3, CF6-80C2A5, CF6-80C2A8
		Honeywell P/N 3162926-1 installed in Honeywell Pneu Press Reg Valve P/N 898626-4	Test and Computations per 14 CFR § 21.303 DWG No.: P00591 Rev.: B Date: 01/14/05 or later FAA approved revisions	Airbus	CF6-80C2A1 CF6-80C2A2, CF6-80C2A3, CF6-80C2A5, CF6-80C2A8
		Honeywell P/N 3162926-1 installed in Honeywell Valve ASSY 3290280-3	Test and Computations per 14 CFR § 21.303 DWG No.: P00591 Rev.: B Date: 01/14/05 or later FAA approved revisions	General Electric	CF6-80C2D1F
		Honeywell P/N 3162926-1 installed in Honeywell Bleed Air Press Reg P/N 898806- 1	Test and Computations per 14 CFR § 21.303 DWG No.: P00591 Rev.: B Date: 01/14/05 or later FAA approved revisions	Boeing	747-200B Series, 747-200C Series, 747-200F Series, 747-300 Series

Ring, Piston Set	P00593	Honeywell P/N 3175901-1 installed in Honeywell HP Bleed Control Valve P/Ns 978690-7, 978690-9	Test and Computations per 14 CFR § 21.303 DWG No.: P00593 Rev.: B Date: 01/12/05 or later FAA approved revisions	Airbus	A300B4-603, A300B4-605R, A300C4-605R Var. F, A310-204, A310-304
				General Electric	CF6-80C2A1, CF6-80C2A2, CF6-80C2A3, CF6-80C2A5, CF6-80C2A8
		Honeywell P/N 3175901-1 installed in Honeywell HP Bleed Control Valve P/N 978690-11	Test and Computations per 14 CFR § 21.303 DWG No.: P00593 Rev.: B Date: 01/12/05 or later FAA approved revisions	General Electric	CF6-80C2A1, CF6-80C2A2, CF6-80C2A3, CF6-80C2A5, CF6-80C2A8
				Airbus	A300B4-603, A300B4-605R, A310-204, A310-304
		Honeywell P/N 3175901-1 installed in Honeywell HP Bleed Control Valve P/N 978892-5	Test and Computations per 14 CFR § 21.303 DWG No.: P00593 Rev.: B Date: 01/12/05 or later FAA approved revisions	Boeing	747-200B Series, 747-200C Series, 747-200F Series, 747-300 Series
				Boeing	747-200B Series
		Honeywell P/N 3175901-1 installed in Honeywell HP Bleed Control Valve P/N 978892-6	Test and Computations per 14 CFR § 21.303 DWG No.: P00593 Rev.: B Date: 01/12/05 or later FAA approved revisions		
		Honeywell P/N 3175901-1 installed in Honeywell HP Bleed Control Valve P/Ns 979146-3, 979146-4	Test and Computations per 14 CFR § 21.303 DWG No.: P00593 Rev.: B Date: 01/12/05 or later FAA approved revisions	Airbus	A300B4-620, A310-222, A310-322, A310-324, A310-325
Ring, Mating	P00613	Eaton Vickers P/ N 342853 installed in Eaton Vickers Hydraulic Pump P/N 371380	Test and Computations per 14 CFR § 21.303 DWG No.: P00613 Rev.: A Date: 01/13/05 or later FAA approved revisions	Boeing	737-200 Series, 737-300 Series, 737-400 Series, 737-500 Series
		Eaton Vickers P/ N 342853 installed in Eaton Vickers Hydraulic Pump P/N 623337	Test and Computations per 14 CFR § 21.303 DWG No.: P00613 Rev.: A Date: 01/13/05 or later FAA approved revisions	Boeing	737-300 Series, 737-400 Series, 737-500 Series

Ring, Sealing	P00645	Liebherr-Aerospace P/N 6713-113A installed in Liebherr-Aerospace High Pressure Regulating Valve P/Ns 6713D010000, 6713D020000, 6713D040000, 6713D060000, 6713D070000	Test and Computations per 14 CFR § 21.303 DWG No.: P00645 Rev.: A Date: 12/14/04 or later FAA approved revisions	Airbus	A319-113, A319-114, A320-111, A320-211, A320-212, A320-231, A320-232, A320-233, A321-131, A231-231
		Liebherr-Aerospace P/N 6713-113A installed in Liebherr-Aerospace High Pressure Regulating Valve P/Ns 6713D050000, 6714D060000	Test and Computations per 14 CFR § 21.303 DWG No.: P00645 Rev.: A Date: 12/14/04 or later FAA approved revisions	Airbus	A319-113, A319-114, A319-115, A319-131, A319-132, A319-133, A320-111, A320-211, A320-212, A320-231, A320-232, A320-233, A321-131, A321-231
		Liebherr-Aerospace P/N 6713-113A installed in Liebherr-Aerospace Bleed Pressure Regulating Valve P/Ns 6714D010000, 6714D020000, 6714D040000, 6714D050000	Test and Computations per 14 CFR § 21.303 DWG No.: P00645 Rev.: A Date: 12/14/04 or later FAA approved revisions	Airbus	A319-113, A319-114, A319-131, A320-111, A320-211, A320-212, A320-231, A320-232, A320-233, A321-131, A231-231
		Liebherr-Aerospace P/N 6713-113A installed in Liebherr-Aerospace High Pressure Bleed Valve P/N 6773B020000	Test and Computations per 14 CFR § 21.303 DWG No.: P00645 Rev.: A Date: 12/14/04 or later FAA approved revisions	Airbus	A319-111, A319-112, A320-214, A321-111, A320-112, A321-211
		Liebherr-Aerospace P/N 6713-113A installed in Liebherr-Aerospace Bleed Pressure Regulating Valve P/N 6774B020000	Test and Computations per 14 CFR § 21.303 DWG No.: P00645 Rev.: A Date: 12/14/04 or later FAA approved revisions	Airbus	A319-111, A319-112, A320-214, A321-111, A320-112, A321-211
Pin	P00660	Liebherr-Aerospace P/N 387-23 installed in Liebherr-Aerospace Thermostat Solenoid P/Ns 387B030000, 387B040000	Test and Computations per 14 CFR § 21.303 DWG No.: P00660 Rev. NC Date: 08/24/04 or later FAA approved revisions	Airbus	A340-211, A340-212, A340-213, A340-311, A340-313

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

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