



U. S. Department
of Transportation

**Federal Aviation
Administration**

Small Airplane Directorate
Cleveland Manufacturing Inspection District Office
Federal Facilities Bldg., Rm. 127
Cleveland Hopkins Intl. Airport
Cleveland, Ohio 44135

November 18, 2003

Aviation Component Solutions
1380 Heritage Drive
Cleveland, Ohio 44117

Attention: Mr. Dave Kvasnicka
General Manager

FEDERAL AVIATION ADMINISTRATION - PARTS MANUFACTURER APPROVAL

The statements dated November 17, 2003, 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. 30 dated November 18, 2003, 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 (216) 265-1380.

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. 30
DATE: November 18, 2003

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 Date</u>	<u>Installation Eligibility: MAKE</u>	<u>Installation Eligibility: MODEL</u>
Ring, Scaling	P00194	Liebherr-Aerospace P/N 6754-44 installed in Liebherr- Aerospace Bleed Valve P/Ns 6753B010000, 6753B020000 6753B030000	Test and Computations per 14 CFR § 21.303 DWG No.: P00194 Rev.: A Date: 07/23/03 or later FAA approved revisions	Airbus	A340-211, A340-311, A340-313
		6753D010000		Airbus	A340-313
		6754C020000, 6754D020000		Airbus	A340-211, A340-213, A340-311, A340-313
Seat, Poppet	P00300	AlliedSignal P/N 3163567-3 installed in Allied Signal High Stage Regulator P/Ns 107484-3	Test and Computations per 14 CFR § 21.303 DWG No.: P00300 Rev.: B Date: 07/23/03 or later FAA approved revisions	Boeing	737-300 Series
		107484-5, & -6		Boeing	737-300 Series, 737-400 Series, 737-500 Series, 737-700 Series, 737-800 Series
Retainer, Bushing	P00309	Hamilton Sundstrand P/N 790291-1 installed in Hamilton Sundstrand HP Shutoff Valve P/Ns 790270-1, -2, -3, -4, - 5, -6, -13, 14, 15; 820170-, -2, -3, -4, - 5, -9, -10	Test and Computations per 14 CFR § 21.303 DWG No.: P00309 Rev.: B Date: 07/23/03 or later FAA approved revisions	Boeing	747-400 Series, 747-400F Series
		790270-1, -2, -3, -4, - 5, -6; 802170-1, -2, -3, -4, - 5, -10		Boeing	767-300 Series

Plate, Thrust	P00310	Hamilton Sundstrand P/N 806165-1 installed in Hamilton Sundstrand HP Shutoff Valve P/Ns 790270-1, -2, -3, -4, - 5, -6, -13, -14, -15; 802170-1, -2, -3, -4, -5, -9, -10 790270-1, -2, -3, -4, - 5, -6; 802170-1, -2, -3, -4, - 5, -10	Test and Computations per 14 CFR § 21.303 DWG No.: P00310 Rev.: A Date: 07/23/03 or later FAA approved revisions	Boeing Boeing	747-400 Series 747-400F Series 767-300 Series
Ring, Sealing	P00335	Liebherr-Aerospace P/N 6730-46A installed in Liebherr- Aerospace Flow Control Valve P/Ns 1303A0000-01, -02 1303A0000-03	Test and Computations per 14 CFR § 21.303 DWG No.: P00335 Rev.: A Date: 07/25/03 or later FAA approved revisions	Airbus Airbus	A319-133, A320-211, A320-214, A321-131, A321-211, A321-231 A319-112, A319-131, A319-133, A320-211, A320-214, A320-232, A321-131, A321-211, A321-231
Pin-Straight	P00295	AlliedSignal P/N 112479-32 installed in AlliedSignal Check Valve P/N 123268-1-1	Test and Computations per 14 CFR § 21.303 DWG No.: P00295 Rev.: A Date: 07/15/03 or later FAA approved revisions	Boeing	737-300 Series 737-500 Series 737-700 Series
Pin-Indicator	P00312	AlliedSignal P/N 887479-1 installed in AlliedSignal Bleed Pressure Regulating Valve P/Ns 3214886-1, & -2 978690-3, & -6 978690-7, & -9 979146-1 & -3 979146-4 978892-2, -3, -4	Test and Computations per 14 CFR § 21.303 DWG No.: P00312 Rev.: C Date: 08/12/03 or FAA approved revisions	Airbus Airbus Airbus Airbus Boeing	A300B4-603, A300B4-605R, A310-204, A310-304 A310-304 A300B4-603, A300B4-605R, A310-204, A300B4-603 A300B4-605R A310-204, A310-304 A310-222, A310-322 A300B4-620, A310-222, A310-322 747-200B Series 747-200F Series

Support	P00177	Liebherr-Aerospace P/N 6713-106 installed in Liebherr- Aerospace HP REG Valve P/Ns 6713D020000, 6713D040000, 6713D050000, 6713D060000, 6713D070000	Test and Computations per 14 CFR § 21.303 DWG No.: P00177 Rev.: D Date: 08/14/03 or later FAA approved revisions	Airbus	A319-114, A319-131, A320-211, A320-212, A320-231, A320-232, A321-131, A321-231
		6753B010000, 6753B020000, 6753B030000, 6753B040000, 6753D010000		Airbus	A340-211, A340-212, A340-213, A340-311, A340-313
		6753D010000		Airbus	A340-211, A340-212, A340-213, A340-311, A340-313
		6773B020000		Airbus	A319-112, A320-214, A321-211
		6773E010000		Airbus	A319-112, A319-131, A319-133, A320-211, A320-212, A320-214, A320-232, A321-131, A321-211, A321-231
Ring, Piston	P00225	Liebherr-Aerospace P/N 6713-17A Installed in Liebherr- Aerospace Bleed Valve P/Ns 6753D010000	Test and Computations per 14 CFR § 21.303 DWG No.: P00225 Rev.: A Date: 07/22/03 or later FAA approved revisions	Airbus	A340-211, A340-212, A340-213, A340-311, A340-313
		6713D020000, 6713D040000, 6713D050000, 6713D060000, 6713D070000		Airbus	A319-114, A319-131, A319-133, A320-211, A320-212, A320-231, A320-232, A321-131, A321-231
		6714D010000, 6714D020000, 6714D040000, 6714D050000		Airbus	A319-114, A319-133, A320-211, A320-212
		6714D060000		Airbus	A319-112, A319-113, A319-114, A319-131, A319-133, A320-211, A320-212, A320-214, A320-232
		6754D010000		Airbus	A340-211, A340-213, A340-311, A340-313

		6773B020000		Airbus	A319-112, A320-211, A320-214, A321-211
		6773E010000		Airbus	A319-112, A319-131, A319-133, A320-211, A320-212, A320-214, A320-232, A321-131, A321-211, A321-231
		6774B020000		Airbus	A319-112, A319-133, A320-211, A320-214,
		6774B020000		Airbus	A320-232, A321-131, A321-211, A321-231
		6774E010000		Airbus	A319-112, A319-131, A319-133, A320-211, A320-212, A320-214, A320-231, A320-232, A321-131, A321-211, A321-231
Guide-Poppet (Matched Set)	P00236	Honeywell P/N 3181436-1 installed in Honeywell TAT Valve Assy P/Ns 3215618- 2, 3215618-3	Test and Computations per 14 CFR § 21.303 DWG No.: P00236 Rev.: D Date: 07/22/03 or later FAA approved revisions	Boeing	737-700
Valve, Poppet	P00299	AlliedSignal P/N 3163355-3 installed in Allied Signal High Stage Regulator P/Ns 107484-3 107484-5	Test and Computations per 14 CFR § 21.303 DWG No.: P00299 Rev.: B Date: 08/13/03 or later FAA approved revisions	Boeing Boeing	737-300 737-300 Series, 737-400 Series, 737-500 Series, 737-700 Series 737-800 Series
Poppet Valve	P00297	Honeywell P/N 3162384-1 installed in Honeywell High Stage Reg Valve P/Ns 107484-3 107484-5, 107484-6	Test and Computations per 14 CFR § 21.303 DWG No.: P00297 Rev.: A Date: 08/22/03 or later FAA approved revisions	Boeing Boeing	737-300 Series 737-300 Series, 737-400 Series, 737-500 Series, 737-700 Series, 737-800 Series

		3213868-3, 3213868-4		Pratt & Whitney	PW4152, PW4156A, PW4158
		3289834-1, 3289834-4		General Electric	CF6-80C2A2, CF6-80C2A3
Orifice, Threaded	P00307	Hamilton Sundstrand P/N 739134-2, installed on Hamilton Sundstrand Pylon Shut Off & Press Reg Valve P/Ns 738362-6, 738362-7, 738362-8, 738362-10	Test and Computations per 14 CFR § 21.303 DWG No.: P00307 Rev.: C Date: 09/09/03 or later FAA approved revisions	Boeing	747-200B Series
		738362-11, 738362-18		Boeing	747-200B Series, 747-200F Series
		738362-17		Boeing	747-200B Series, 747-200F Series, 747-300 Series
		738362-19, 738362-21, 738362-22		Boeing	747-200B Series, 747-200F Series, 747-300 Series 747-SP Series
		799801-1, 799801-2, 799801-3, 799801-4		Boeing	767-300 Series
		792999-2, 792999-4, 792999-6, 792999-8, 792999-10		Boeing	747-400 Series
		799801-1, 799801-2, 799801-3, 799801-4		Boeing	767-300 Series
Packing, Shaft	P00324	Eaton Vickers P/N 624912 installed in Eaton Vickers Hyd Pump P/Ns 623977	Test and Computations per 14 CFR § 21.303 DWG No.: P00324 Rev.: C Date: 08/22/03 or later FAA approved revisions	Airbus	A319-112, A319-114, A319-131, A319-133, A320-211, A320-212, A320-214, A320-231, A321-232, A321-131, A321-211, A321-231
		623977		Boeing	747-200B Series, 747-200F Series, 747-400 Series, 747-400F Series, 767-300 Series
		887111		Boeing	747-200B Series, 747-200F Series, 747-400 Series, 747-400F Series, 767-300 Series

		887673		Airbus	A310-324, A310-325, A319-112, A319-114, A319-131, A319-133, A320-211, A320-212, A320-214, A320-231, A321-131, A321-211, A321-231, A321-232
				Boeing	747-400 Series, 747-400F Series, 757-200 Series, 757-300 Series, 767-300 Series
				McDonnell Douglas	MD-11F
		972630		Airbus	A340-211, A340-212, A340-213, A340-311, A340-313
		350880-6, 350880-7		Boeing	747-200B Series, 747-200F Series, 747-400 Series, 757-200 Series, 757-300 Series, 767-300 Series
		350880-6, 350880-7		Airbus	A300B4-603, A300B4-620, A300B4-605R, A310-204, A310-222, A310-304, A310-322, A310-324, A310-325
		350880-6		McDonnell Douglas	MD-11F
Ring, Flexible	P00182	Liebherr-Aerospace P/N 6754-52 installed in Liebherr- Aerospace HP Reg Valve P/N 6773E010000	Test and Computations per 14 CFR § 21.303 DWC No : P00182 Rev.: D Date: 09/16/03 or later FAA approved revisions	Airbus	A319-112, A319-131, A319-133, A320-211, A320-214, A320-232, A321-131, A321-211, A321-231
		6774E010000		Airbus	A319-112, A319-131, A319-133, A320-211, A320-214, A320-231, A320-232, A321-131, A321-211, A321-231

		6742A030000, 6742A040000, 6742D010000		Airbus	A340-211, A340-212, A340-213, A340-311, A340-313
		6753B010000, 6753B020000, 6753B030000, 6753D010000		Airbus	A340-211, A340-311, A340-313
		6754C020000, 6754D010000		Airbus	A340-211, A340-213, A340-311, A340-313
Ring, Sealing	P00291	AlliedSignal P/N 859989-4 installed in AlliedSignal Air Shutoff Valve P/Ns 398310-2-1, 398310-3-1, 398310-4-1, 398310-5-1	Test and Computations per 14 CFR § 21.303 DWG No.: P00291 Rev.: E Date: 09/26/03 or later FAA approved revisions	Boeing	747-200B Series, 747-200F Series, 747-400 Series, 747-400F Series
		398310-3-1, 398310-5-1		Boeing	747-300 Series
		398310-2-1, 398310-3-1		Boeing	747-SP Series
Adapter	P00301	Honeywell P/N 3166274-3 installed in Honeywell Rcg Shutoff Valve P/Ns 3213868-3, 3213868-4	Test and Computations per 14 CFR § 21.303 DWG No.: P00301 Rev.: B Date: 08/29/03 or later FAA approved revisions	Pratt & Whitney	PW4152, PW4156A, PW4158
		3289834-1, 3289834-4		General Electric	CF6-80C2A2, CF6-80C2A3
Housing	P00302	Honeywell P/N 3170808-1 installed in Honeywell Valve Assy P/Ns 3213868-3	Test and Computations per 14 CFR § 21.303 DWG No.: P00302 Rev.: A Date: 08/25/03 or later FAA approved revisions	Pratt & Whitney	PW4152, PW4156A, PW4158
		3289834-1		General Electric	CF6-80C2A2, CF6-80C2A3
Flapper	P00304	Allied Signal P/N 662322 Installed in AlliedSignal Check Valve P/N 123268-1-1	Test and Computations per 14 CFR § 21.303 DWG No.: P00304 Rev.: A Date: 09/26/03 or later FAA approved revisions	Boeing	737-300 Series, 737-500 Series, 737-700 Series

Ring, Scaling	P00353	Liebherr-Aerospace P/N 6713-129A installed in Liebherr-Aerospace HP Reg Valve P/Ns 6713D020000, 6713D040000, 6713D050000, 6713D060000, 6713D070000	Test and Computations per 14 CFR § 21.303	Airbus	A319-114, A320-211, A320-212, A320-231, A320-232, A321-131, A321-231
		6713D050000		Airbus	A319-131, A319-133
		6753B010000, 6753B020000, 6753B030000, 6753D010000, 6754C020000, 6754C030000		Airbus	A340-211, A340-212, A340-213, A340-311, A340-313
		6754D010000		Airbus	A340-211, A340-213, A340-311, A340-313
		6773B020000		Airbus	A319-112, A320-211, A320-214, A321-211
		6773E010000		Airbus	A319-112, A319-131, A319-133, A320-211, A320-214, A320-232, A321-131, A320-211, A321-231
Ring, Piston	P00361	Honeywell P/N 859989-64 installed in Honeywell Air Starter Valve P/Ns 3289630-1 3289630-2	Test and Computations per 14 CFR § 21.303	Boeing	737-300 Series
		3289630-3	DWG No.: P00361 Rev.: A Date: 01/30/03 or later FAA approved revisions	Boeing	737-300 Series, 737-400 Series, 737-500 Series, 737-700 Series, 737-800 Series
				Boeing	737-300 Series, 737-400 Series, 737-500 Series

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

Kimberly S. Edwards

Matthew E. Tomsneck
 Manager, Manufacturing
 Inspection District Office