



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

December 29, 2004

Aviation Component Solutions
1380 Heritage Drive
Cleveland, Ohio 44117

Attention: Mr. Dave Kvasnicka
General Manager

FEDERAL AVIATION ADMINISTRATION - PARTS MANUFACTURER APPROVAL

The statements dated December 21, 2004, 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. 53 dated December 29, 2004, 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

Matthew E. Tomsheck
Manager, Manufacturing
Inspection District Office

Enclosure


PARTS MANUFACTURER APPROVAL NO: PQ2685CE-D
PRODUCTION APPROVAL LISTING - SUPPLEMENT NO. 53
DATE: December 29, 2004

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>
Bushing	P00453	Whittaker Controls P/N 322530 installed in Whittaker Controls Nose Cowl TAI Valve P/N 172625-7	Test and Computations per 14 CFR § 21.303 DWG No.: P00453 Rev.: A Date: 8/04/04 or later FAA approved revisions	Boeing	737-300 Series, 737-400 Series, 737-500 Series
Bushing	P00489	Whittaker Controls P/N 322531-I installed in Whittaker Controls Nose Cowl TAI Valve P/N 172625-7	Test and Computations per 14 CFR § 21.303 DWG No.: P00489 Rev.: A Date: 10/25/04 or later FAA approved revisions	Boeing	737-300 Series, 737-400 Series, 737-500 Series
Grommet Seal	P00532	Eaton Vickers P/N 751489 installed in Eaton Vickers Elec Driven Variable Displacement Hyd Motorpump P/N 848847	Test and Computations per 14 CFR § 21.303 DWG No.: P00532 Rev.: NC Date: 05/04/04 or later FAA approved revisions	Bombardier	CL-600-2B19

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

for 

Matthew E. Tomsheck
Manager, Manufacturing
Inspection District Office



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

October 2, 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 October 5, 2005, May 10, 2006, and August 15, 17 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. 87 dated October 2, 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 Matthew E. Tomscheck
Manager, Manufacturing
Inspection District Office

Enclosure

PARTS MANUFACTURER APPROVAL NO: PQ2685CE
 PRODUCTION APPROVAL LISTING - SUPPLEMENT NO. 87
 DATE: October 2, 2006

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>
Ring, Seal	P00169	Whittaker Controls P/N 321402 installed in Whittaker Controls Nose Cowl Thermal Anti Ice Valve P/N 172625-5	Test and Computations per 14 CFR § 21.303 DWG No.: P00169 Rev.: G2 Date: 04/03/2006 or later FAA approved revisions	Boeing	737-300 Series
Ring, Seal	P00169	Whittaker Controls P/N 321402 installed in Whittaker Controls Shutoff Valve P/N 324195-1	Test and Computations per 14 CFR § 21.303 DWG No.: P00169 Rev.: G2 Date: 04/03/2006 or later FAA approved revisions	Airbus	A318 Model -111, A319 Models -111, -112, -113, -115, A320 Models -111, -212, -214, A321 Models -111, -112, -211
Ring, Seal	P00169	Whittaker Controls P/N 321402 installed in Whittaker Controls Pressure Actuated Butterfly Valve P/Ns 321935, 321945	Test and Computations per 14 CFR § 21.303 DWG No.: P00169 Rev.: G2 Date: 04/03/2006 or later FAA approved revisions	SAAB	SF340A, 340B
Packing, Shaft	P00324	Eaton Vickers P/N 624912 installed in Eaton Vickers HYD Pump P/N 623977	Test and Computations per 14 CFR § 21.303 DWG No.: P00324 Rev.: C Date: 08/22/2003 or later FAA approved revisions	General Electric	CF6-80C2B1F, -80C2B2F, -80C2B4F, -80C2B5F, -80C2B6F, -80C2B6FA, -80C2B7F, -80C2B8F, -80C2D1F
Packing, Shaft	P00324	Eaton Vickers P/N 624912 installed in Eaton Vickers HYD Pump P/N 623977	Test and Computations per 14 CFR § 21.303 DWG No.: P00169 Rev.: C Date: 08/22/2003 or later FAA approved revisions	Airbus	A320 Models -111, -232, -233
Packing, Shaft	P00324	Eaton Vickers P/N 624912 installed in Eaton Vickers HYD Pump P/N 623977	Test and Computations per 14 CFR § 21.303 DWG No.: P00324 Rev.: C Date: 08/22/2003 or later FAA approved revisions	Boeing	747-100 Series, -100B Series, -100B SUD Series, -200C Series, -300 Series, -400D Series, 747SP Series, 747SR Series; 767-200 Series, -400ER Series

Packing, Shaft	P00324	Eaton Vickers P/N 624912 installed in Eaton Vickers HYD Pump P/N 887111	Test and Computations per 14 CFR § 21.303 DWG No.: P00324 Rev.: C Date: 08/22/2003 or later FAA approved revisions	Boeing	747-100 Series, -100B Series, -100B SUD Series, -200C Series, -300 Series, -400D Series, 747SP Series, 747SR Series; 767-200 Series, - 400ER Series
Packing, Shaft	P00324	Eaton Vickers P/N 624912 installed in Eaton Vickers HYD Pump P/N 887673	Test and Computations per 14 CFR § 21.303 DWG No.: P00324 Rev.: C Date: 08/22/2003 or later FAA approved revisions	Airbus	A318 Model: -111, A319 Models: -111, -113, -115, -132, A320 Models: -232, -233, A321 Models: -111, -112
Packing, Shaft	P00324	Eaton Vickers P/N 624912 installed in Eaton Vickers HYD Pump P/N 887673	Test and Computations per 14 CFR § 21.303 DWG No.: P00324 Rev.: C Date: 08/22/2003 or later FAA approved revisions	Boeing	747-100 Series, -100B Series, -100B SUD Series, -200B Series, -200C Series, -200F Series, -300 Series, -400D Series, 747SP Series, 747SR Series; 757-200PF Series; 767-200 Series, -400ER Series
Packing, Shaft	P00324	Eaton Vickers P/N 624912 installed in Eaton Vickers HYD Pump P/N 887673	Test and Computations per 14 CFR § 21.303 DWG No.: P00324 Rev.: C Date: 08/22/2003 or later FAA approved revisions	General Electric	CF6-80C2D1F
Packing, Shaft	P00324	Eaton Vickers P/N 624912 installed in Eaton Vickers HYD Pump P/N 972630	Test and Computations per 14 CFR § 21.303 DWG No.: P00324 Rev.: C Date: 08/22/2003 or later FAA approved revisions	Airbus	A340-211, -212, -213, -311, -313
Packing, Shaft	P00324	Eaton Vickers P/N 624912 installed in Eaton Vickers HYD Pump P/Ns 971844, 974976	Test and Computations per 14 CFR § 21.303 DWG No.: P00324 Rev.: C Date: 08/22/2003 or later FAA approved revisions	Airbus	A330-343; A340-211, -212, -213, -311, -313
Packing, Shaft	P00324	Eaton Vickers P/N 624912 installed in Eaton Vickers HYD Pump P/N 350880-6	Test and Computations per 14 CFR § 21.303 DWG No.: P00324 Rev.: C Date: 08/22/2003 or later FAA approved revisions	Airbus	A300C4-605R Var. F

Packing, Shaft	P00324	Eaton Vickers P/N 624912 installed in Eaton Vickers HYD Pump P/N 350880-6	Test and Computations per 14 CFR § 21.303 DWG No.: P00324 Rev.: C Date: 08/22/2003 or later FAA approved revisions	Boeing	747-100 Series, -100B Series, -100B SUD Series, -200C Series, -300 Series, -400D Series, -400F Series, 747SP Series, 747SR Series; 757-200PF Series; 767-200 Series, -400ER Series
Packing, Shaft	P00324	Eaton Vickers P/N 624912 installed in Eaton Vickers HYD Pump P/N 350880-6	Test and Computations per 14 CFR § 21.303 DWG No.: P00324 Rev.: C Date: 08/22/2003 or later FAA approved revisions	General Electric	CF6-80A, -80A1, -80A2, -80A3, -80C2A1, -80C2A2, -80C2A3, -80C2A5, -80C2A5F, -80C2A8, -80C2B1, -80C2B1F, -80C2B2, -80C2B2F, -80C2B4, -80C2B4F, -80C2B5F, -80C2B6, -80C2B6F, -80C2B6FA, -80C2B7F, -80C2B8F, -80C2D1F
Packing, Shaft	P00324	Eaton Vickers P/N 624912 installed in Eaton Vickers HYD Pump P/N 350880-7	Test and Computations per 14 CFR § 21.303 DWG No.: P00324 Rev.: C Date: 08/22/2003 or later FAA approved revisions	Airbus	A300C4-605R Var. F
Packing, Shaft	P00324	Eaton Vickers P/N 624912 installed in Eaton Vickers HYD Pump P/N 350880-7	Test and Computations per 14 CFR § 21.303 DWG No.: P00324 Rev.: C Date: 08/22/2003 or later FAA approved revisions	Boeing	747-100 Series, -100B Series, -100B SUD Series, -200C Series, -300 Series, -400D Series, -400F Series, 747SP Series, 747SR Series; 757-200PF Series; 767-200 Series, -400ER Series
Packing, Shaft	P00324	Eaton Vickers P/N 624912 installed in Eaton Vickers HYD Pump P/N 350880-7	Test and Computations per 14 CFR § 21.303 DWG No.: P00324 Rev.: C Date: 08/22/2003 or later FAA approved revisions	McDonnell Douglas	MD-11F
Packing, Shaft	P00324	Eaton Vickers P/N 624912 installed in Eaton Vickers HYD Pump P/N 350880-7	Test and Computations per 14 CFR § 21.303 DWG No.: P00324 Rev.: C Date: 08/22/2003 or later FAA approved revisions	General Electric	CF6-80A, -80A2, -80C2A1, -80C2A2, -80C2A3, -80C2A5, -80C2A8, -80C2B1, -80C2B1F, -80C2B2, -80C2B2F, -80C2B4, -80C2B4F, -80C2B5F, -80C2B6, -80C2B6F, -80C2B6FA, -80C2B7F, -80C2B8F

Bushing	P00453	Whittaker Controls Part Number 322530 installed in Whittaker Controls Pressure Actuated Butterfly Valve P/Ns 321935, 321945	Test and Computations per 14 CFR § 21.303 DWG No.: P00453 Rev.: A Date: 08/04/2004 or later FAA approved revisions	SAAB	SF340A, 340B
Carbon Bearing	P00472	Whittaker Controls Part Number 229711-1 installed in Whittaker Controls Pressure Actuated Butterfly Valve P/Ns 321935, 321945	Test and Computations per 14 CFR § 21.303 DWG No.: P00472 Rev.: B Date: 06/15/2004 or later FAA approved revisions	SAAB	SF340A, 340B
Carbon Bearing	P00472	Whittaker Controls Part Number 229711-1 installed in Whittaker Controls Nose Cowl TAI Valve P/N 172625-5	Test and Computations per 14 CFR § 21.303 DWG No.: P00472 Rev.: B Date: 06/15/2004 or later FAA approved revisions	Boeing	737-300 Series
Bushing	P00489	Whittaker Controls Part Number 322531-1 installed in Whittaker Controls Pressure Actuated Butterfly Valve P/Ns 321935, 321945	Test and Computations per 14 CFR § 21.303 DWG No.: P00489 Rev.: A Date: 10/25/2004 or later FAA approved revisions	SAAB	SF340A, 340B
Nut, Gland	P00496	Whittaker Controls Part Number 229710 installed in Whittaker Controls Nose Cowl TAI Valve P/N 172625- 5	Test and Computations per 14 CFR § 21.303 DWG No.: P00496 Rev.: A Date: 06/17/2004 or later FAA approved revisions	Boeing	737-300 Series
Nut, Gland	P00496	Whittaker Controls Part Number 229710 installed in Whittaker Controls Shutoff Valve Assy P/N 324195-1	Test and Computations per 14 CFR § 21.303 DWG No.: P00496 Rev.: A Date: 06/17/2004 or later FAA approved revisions	Airbus	A318 Model -111, A319 Models -111, -112, -113, -115, A320 Model -111, A321 Models -111, -112, -211
Nut, Gland	P00496	Whittaker Controls Part Number 229710 installed in Whittaker Controls Pressure Actuated Butterfly Valve P/Ns 321935, 321945	Test and Computations per 14 CFR § 21.303 DWG No.: P00496 Rev.: A Date: 06/17/2004 or later FAA approved revisions	SAAB	SF340A, 340B
Poppet	P00689	Monogram Sanitation P/N 50273-501 installed in Monogram Sanitation Toilet Assembly P/Ns 70200-1, 70200- 101	Test and Computations per 14 CFR § 21.303 DWG No.: P00689 Rev.: A Date: 11/09/2005 or later FAA approved revisions	Airbus	A300 Models B4-603, B4-605R, C4-605R (Var. F), A310 Models -324, -325

Poppet	P00689	Monogram Sanitation P/N 50273-501 installed in Monogram Sanitation Toilet Assembly P/N 70200-2	Test and Computations per 14 CFR § 21.303 DWG No.: P00689 Rev.: A Date: 11/09/2005 or later FAA approved revisions	Airbus	A300 Models B4-603, B4-605R, A310 Models -324, -325
Poppet	P00689	Monogram Sanitation P/N 50273-501 installed in Monogram Sanitation Toilet Assembly P/N 70200-102	Test and Computations per 14 CFR § 21.303 DWG No.: P00689 Rev.: A Date: 11/09/2005 or later FAA approved revisions	Airbus	A300 Models B4-603, B4-605R, A310 Model -324
Poppet	P00689	Monogram Sanitation P/N 50273-501 installed in Rogerson Aircraft Toilet Assembly P/Ns 50000-9, 50000-10, 50000-11, 50000-12, 50000-13, 50000-14	Test and Computations per 14 CFR § 21.303 DWG No.: P00689 Rev.: A Date: 11/09/2005 or later FAA approved revisions	Boeing	767-200 Series, 767-300 Series, 767-400ER Series
Element, Seal	P00647	Eaton Vickers P/N 972576 installed in Eaton Vickers Hyd Pump P/N 623977	Test and Computations per 14 CFR § 21.303 DWG No: P00647 Rev: C Date: Oct 4, 2005 or later FAA-approved revisions	Airbus	A319-112, A319-114, A319-131, A319-133, A320-111, A320-211, A320-212, A320-214, A320-231, A320-232, A320-233, A321-131, A321-211, A321-231
		Eaton Vickers P/N 972576 installed in Eaton Vickers Hyd Pump P/N 623977	Test and Computations per 14 CFR § 21.303 DWG No: P00647 Rev: C Date: Oct 4, 2005 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
		Eaton Vickers P/N 972576 installed in Eaton Vickers Hyd Pump P/N 887673	Test and Computations per 14 CFR § 21.303 DWG No: P00647 Rev: C Date: Oct 4, 2005 or later FAA-approved revisions	Airbus	A310-324, A310-325, A318-111, A319-111, A319-112, A319-113, A319-114, A319-115, A319-131, A319-132, A319-133, A320-211, A320-212, A320-214, A320-231, A320-232, A320-233, A321-111, A321-112, A321-131, A321-211, A321-231
		Eaton Vickers P/N 972576 installed in Eaton Vickers Hyd Pump P/N 887673	Test and Computations per 14 CFR § 21.303 DWG No: P00647 Rev: C Date: Oct 4, 2005 or later FAA-approved revisions	McDonnell Douglas	MD-11F

Element, Seal	P00647	Eaton Vickers P/N 972576 installed in Eaton Vickers Hyd Pump P/N 887673	Test and Computations per 14 CFR § 21.303 DWG No: P00647 Rev: C Date: Oct 4, 2005 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
		Eaton Vickers P/N 972576 installed in Eaton Vickers Hyd Pump P/N 887111	Test and Computations per 14 CFR § 21.303 DWG No: P00647 Rev: C Date: Oct 4, 2005 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
		Eaton Vickers P/N 972576 installed in Eaton Vickers Hyd Pump P/N 350880-6	Test and Computations per 14 CFR § 21.303 DWG No: P00647 Rev: C Date: Oct 4, 2005 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
		Eaton Vickers P/N 972576 installed in Eaton Vickers Hyd Pump P/N 350880-6	Test and Computations per 14 CFR § 21.303 DWG No: P00647 Rev: C Date: Oct 4, 2005 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
		Eaton Vickers P/N 972576 installed in Eaton Vickers Hyd Pump P/N 350880-6	Test and Computations per 14 CFR § 21.303 DWG No: P00647 Rev: C Date: Oct 4, 2005 or later FAA-approved revisions	McDonnell Douglas	MD-11F

Eaton Vickers P/N 972576 installed in Eaton Vickers Hyd Pump P/N 350880-6	Test and Computations per 14 CFR § 21.303 DWG No: P00647 Rev: C Date: Oct 4, 2005 or later FAA-approved revisions	General Electric	CF6-80A, CF6-80A1, CF6-80A2, CF6-80A3, CF6-80C2A1, CF6-80C2A2, CF6-80C2A3, CF6-80C2A5, CF6-80C2A5F, CF6-80C2A8, CF6-80C2B1, CF6-80C2B1F, CF6-80C2B2, CF6-80C2B4, CF6-80C2B5F, CF6-80C2B6F, CF6-80C2B6FA, CF6-80C2B7F, CF6-80C2B8F, CF6-80C2D1F
Eaton Vickers P/N 972576 installed in Eaton Vickers Hyd Pump P/N 350880-7	Test and Computations per 14 CFR § 21.303 DWG No: P00647 Rev: C Date: Oct 4, 2005 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
Eaton Vickers P/N 972576 installed in Eaton Vickers Hyd Pump P/N 350880-7	Test and Computations per 14 CFR § 21.303 DWG No: P00647 Rev: C Date: Oct 4, 2005 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
Eaton Vickers P/N 972576 installed in Eaton Vickers Hyd Pump P/N 350880-7	Test and Computations per 14 CFR § 21.303 DWG No: P00647 Rev: C Date: Oct 4, 2005 or later FAA-approved revisions	General Electric	CF6-80A, CF6-80A2, CF6-80C2A1, CF6-80C2A2, CF6-80C2A3, CF6-80C2A5, CF6-80C2A8, CF6-80C2B1, CF6-80C2B1F, CF6-80C2B2, CF6-80C2B2F, CF6-80C2B4, CF6-80C2B4F, CF6-80C2B5F, CF6-80C2B6F, CF6-80C2B6FA, CF6-80C2B7F, CF6-80C2B8F, CF6-80C2D1F

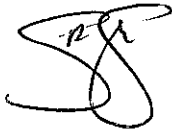
Eaton Vickers P/N 972576 installed in Eaton Vickers Hyd Pump P/Ns 971844, 972630, 974976

Test and Computations per 14 CFR § 21.303
DWG No: P00647
Rev: C
Date: Oct 4, 2005 or later
FAA-approved revisions

Airbus

A330-343,
A340-211, A340-212,
A340-213, A340-311,
A340-313

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



for Matthew E. Tomsheck
Manager, Manufacturing
Inspection District Office