



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 8, 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 December 1, 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. 31 dated December 8, 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,

*Kimberly S. Edwards*

*for* Matthew E. Tomsheck  
Manager, Manufacturing  
Inspection District Office

Enclosure

PARTS MANUFACTURER APPROVAL NO: PQ2685CE-D  
 PRODUCTION APPROVAL LISTING - SUPPLEMENT NO. 31  
 DATE: December 8, 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 Data</u>	<u>Installation Eligibility: MAKE</u>	<u>Installation Eligibility: MODEL</u>
Ring, Nozzle	P00138	Boeing P/N 2205178-1 Installed in AlliedSignal Cooling Turbine P/Ns 204050-10 & 204050-11	Test and Computations per 14 CFR § 21.303  DWG No.: P00138 Rev.: C Date: 08/14/03 or later FAA approved revisions	Boeing	737-500 Series
Pin-Bolt	P00226	AlliedSignal P/N 363391-1 Installed in Air Turbine Starter P/Ns: 384022-1-3, 384022-2,-1, 384022-3-1, 384022-4-1, 384022-4-2, 384022-5-1  3505448-5-1	Test and Computations per 14 CFR § 21.303  DWG No.: P00226 Rev.: F Date: 08/25/03 or later FAA approved revisions	Boeing	747-200B Series, 747-200F Series, 747-400F Series
Element, Scaling	P00333	Eaton P/N 571047 Installed in Eaton Motor Pump- Hyd AC Elec Driven Variable Displacement P/Ns 622199, 623303  731966	Test and Computations per 14 CFR § 21.303  DWG No.: P00333 Rev.: B Date: 10/17/03 or later FAA approved revisions	Boeing       Boeing	757-200 Series, 757-200PF Series, 767-200 Series, 767-300 Series,      767-200 Series, 767-300 Series, 777-200 Series

Clapper	P00349	Liebherr-Aerospace P/N 6764-118 Installed in Liebherr-Aerospace HP Regulating Valve P/Ns 6713D010000, 6713D020000, 6713D040000,  6713D050000	Test and Computations per 14 CFR § 21.303  DWG No.: P00349 Rev.: A2 Date: 10/17/03 or later FAA approved revisions	Airbus	A319-114, A320-211, A320-212, A320-231, A320-232, A321-131, A321-231
				Airbus	A319-114, A319-131, A319-133, A320-211, A320-212, A320-231, A320-232, A321-131, A321-231
		6714D060000		Airbus	A319-114, A319-131, A319-133, A320-211, A320-212, A320-231, A320-232, A321-131, A321-231
		6773B020000, 6773E010000,		Airbus	A319-112, A319-131, A319-133, A320-211, A320-214, A320-232, A321-131, A321-211, A321-231,
		6774B020000.		Airbus	A319-112, A319-133, A320-214, A320-231, A320-232, A321-131, A321-211, A321-231
		6774D010000.		Airbus	A319-112, A319-131, A319-133, A320-211, A320-214, A320-231, A320-232, A321-131, A321-211, A321-231
		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

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

*for* Kennedy J. Edwards

Matthew E. Tomsheck  
Manager, Manufacturing  
Inspection District Office