



PMA Supplements Index:

ARTICLE NUMBER	ARTICLE	PMA SUPP.	DATE ISSUED
AQS-2005 AQS-2007 AQS-2012 AQS-2014	TEMP SENSOR	AD2	MARCH 30, 1995
AQS-2022 AQS-2027 AQS-2029 AQS-2030		AD43	AUG 19, 1997



U.S. Department
of Transportation
**Federal Aviation
Administration**

Small Airplane Directorate
Atlanta Manufacturing Inspection
District Office
Campus Building
1701 Columbia Ave, Suite 2-150
College Park, GA 30337-2747

April 10, 1995

Ms. Carloyn Lynn
Vice-President
Aero Design, Inc.
181 Due West Drive
Mt. Juliet, TN 37122

Dear Ms. Lynn:

The statements dated April 5, 1995 certifying that Aero Design Inc. has established a fabrication inspection system that meets the requirements of FAR 21.303(h) for the parts listed are accepted.

Transmitted herein is Production Approval Listing, Supplement No. 2, dated April 10, 1995, which grants approval for the production of the parts listed thereon, under the same conditions and limitations included in the Approval Letter of March 30, 1995.

Should you have any questions regarding this matter, you may wish to direct them to Mr. Nate Watts, Nashville MISO, at telephone (615) 781-5441.

Sincerely,


Jim Reeves

Manager, Atlanta Manufacturing
Inspection District Office

Enclosure

PROPRIETARY
AERO DESIGN, INC.

Enclosure

Parts Manufacturer Approval Listing

Supplement No. 2 to Parts Manufacturer Approval Letter

Dated March 30, 1995

Federal Aviation Administration

Aero Design, Inc.

Aero Design, Inc.
181 Due West Drive
Mt. Juliet, TN 37122

<u>FAA Approved Design Data</u>	<u>Approved Replacement for</u>	<u>FAA Design Approval Means</u>	<u>Installation Eligibility</u>	<u>Model</u>
Aero Design, Temperature Probe, P/N AQS-2012, as shown on Aero Design Dwg. No. A-1015A, I/R, dated 9/27/94, or Later FAA Approval	Avall P/N BS2036	Identity per FAR 21.303(c)4 and verified by DER	Beech Aircraft	200 Series

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 Mt. Juliet, TN 37122

<u>FAA Approved Design Data</u>	<u>Approved Replacement for</u>	<u>FAA Design Approval Means</u>	<u>Installation Eligibility</u>	<u>Model</u>
Aero Design, Temperature Probe, P/N AQS-2022, as shown on Aero Design Dwg. No. A-1026A, I/R, dated 10/6/94, or Later FAA Approval	Avail P/N BS2044	Identity per FAR 21.303(c)4 and verified by DER	Israel Aircraft	1121 Model

Aero Design, Temperature Probe, P/N AQS-2028, as shown on Aero Design Dwg. No. A-1032A, I/R, dated 10/12/94, or Later FAA Approval	Avail P/N BS2053	Identity per FAR 21.303(c)4 and verified by DER	Piper	PA-31 Series
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Aero Design, Temperature Probe, P/N AQS-2036, as shown on Aero Design Dwg. No. A-1040A, I/R, dated 10/25/94, or Later FAA Approval	Avail P/N BS2118	Identity per FAR 21.303(c)4 and verified by DER	Hughes	369 Series
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<u>FAA Approved Design Data</u>	<u>Approved Replacement for</u>	<u>FAA Design Approval Means</u>	<u>Installation Eligibility</u>	<u>Model</u>
Aero Design, Temperature Probe, P/N AQS-2030, as shown on Aero Design Dwg. No. A-1034A, I/R, dated 10/19/94, or Later FAA Approval	Availl P/N BS2051	Identity per FAR 21.303(c)4 and verified by DER	Lear Jet	Model 23

Aero Design, Temperature Probe, P/N AQS-2026, as shown on Aero Design Dwg. No. A-1030A, I/R, dated 10/11/94, or Later FAA Approval	Availl P/N BS2046	Identity per FAR 21.303(c)4 and verified by DER	Sikorsky	S-58B
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Aero Design, Temperature Probe, P/N AQS-2002, as shown on Aero Design Dwg. No. A-1005A, I/R, dated 11/4/94, or Later FAA Approval	Availl P/N BS2147	Identity per FAR 21.303(c)4 and verified by DER	SAAB	SF340A
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<u>FAA Approved Design Data</u>	<u>Approved Re- placement for</u>	<u>FAA Design Approval Means</u>	<u>Installation Eligibility</u>	<u>Model</u>
Aero Design, Temperature Probe, P/N AQS-2005, as shown on Aero Design Dwg. No. A-1008A, I/R, dated 11/4/94, or Later FAA Approval	Avall P/N BS2146	Identicality per FAR 21.303(c)4 and verified by DER	Messerschmitt	BOLKOW-BLOHM BO-105A, BO-105C, BO-105S, BO105LSA-1, BO105LSA-3
Aero Design, Temperature Probe, P/N AQS-2014, as shown on Aero Design Dwg. No. A-1018A, I/R, dated 10/3/94, or Later FAA Approval	Avall P/N BS2031	Identicality per FAR 21.303(c)4 and verified by DER	British Aerospace	BAe 125-800A
Aero Design, Temperature Probe, P/N AQS-1002, as shown on Aero Design Dwg. No. A-1003A, I/R, dated 9/11/94, or Later FAA Approval	Avall P/N BS2145	Identicality per FAR 21.303(c)4 and verified by DER	Cessna	208, 208A, 208B

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Aero Design, Temperature Probe, P/N AQS-2013, as shown on Aero Design Dwg. No. A-1016A, I/R, dated 9/28/94, or Later FAA Approval	Availl P/N BS2033	Identity per FAR 21.303(c)4 and verified by DER	Bell	222U

Aero Design, Temperature Probe, P/N AQS-2007, as shown on Aero Design Dwg. No. A-1010A, I/R, dated 9/22/94, or Later FAA Approval	Availl P/N BS2029	Identity per FAR 21.303(c)4 and verified by DER	Piper	PA-42-1000
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Aero Design, Temperature Probe, P/N AQS-2027, as shown on Aero Design Dwg. No. A-1031A, I/R, dated 10/12/94, or Later FAA Approval	Availl P/N BS2077	Identity per FAR 21.303(c)4 and verified by DER	Lear Jet	Model 55
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FAA Approved Design Data	Approved Re- placement for	FAA Design Approval Means	Installation Eligibility	Model
Aero Design, Temperature Probe, P/N AQS-2029, as shown on Aero Design Dwg. No. A-1033A, I/R, dated 10/19/94, or Later FAA Approval	Availl P/N BS2052	Identity per FAR 21.303(c)4 and verified by DER	Lear Jet	Model 35, -55
Aero Design, Temperature Probe, P/N AQS-2042, as shown on Aero Design Dwg. No. A-1047A, I/R, dated 11/2/94, or Later FAA Approval	Availl P/N BS2135	Identity per FAR 21.303(c)4 and verified by DER	Boeing	737 Series 747 Series 757 Series 767 Series
Aero Design, Temperature Probe, P/N AQS-2038, as shown on Aero Design Dwg. No. A-1042A, I/R, dated 10/25/94, or Later FAA Approval	Availl P/N BS2129	Identity per FAR 21.303(c)4 and verified by DER	Aerospatiale	AS-350C AS-350D AS-350D1 AS355E AS355F AS355F1 AS355F2 AS355N

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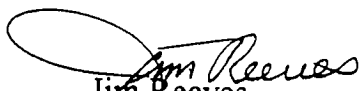
<u>FAA Approved Design Data</u>	<u>Approved Replacement for</u>	<u>FAA Design Approval Means</u>	<u>Installation Eligibility</u>	<u>Model</u>
Aero Design, Temperature Probe, P/N AQS-2041, as shown on Aero Design Dwg. No. A-1046A, I/R, dated 11/2/94, or Later FAA Approval	Avail P/N BS2134	Identity per FAR 21.303(c)4 and verified by DER	Gulfstream	G-1159A, G-IV

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<u>FAA Approved Design Data</u>	<u>Approved Replacement for</u>	<u>FAA Design Approval Means</u>	<u>Installation Eligibility</u>	<u>Model</u>
Aero Design, Temperature Probe, P/N AQS-2037, as shown on Aero Design Dwg. No. A-1041A, I/R, dated 10/26/94, or Later FAA Approval	Avall P/N BS2054	Identicality per FAR 21.303(c)4 and verified by DER	Beech	99 Series, A99, A99A, B99, C99, A100 Series, B100
			Bell	204A, 212, AB204, AB205
			Dassault Fan Jet	Falcon Series
			Mystere	Falcon Series
			Fairchild	SA26-T, -AT, SA226 Series, SA227 Series
			Fokker	F27 Series
			Gulfstream	G-159
			Lockheed	1329 Series
			Mitsubishi Aircraft, Ind.	MU-2B Series
			Mitsubishi Heavy, Ind.	MU-2B Series
Raytheon Corp.	DH-125 Series HS-125 Series			
BAe	125-800A, -1000A			
Sabreliner	NA-265 Series			

-END OF LISTING-


 Jim Reeves
 Manager, Atlanta MDO

PROPRIETARY
AERO DESIGN, INC.

April 10, 1995



U.S. Department
of Transportation

**Federal Aviation
Administration**

Small Airplane Directorate
Atlanta Manufacturing Inspection
District Office
One Crown Center
1895 Phoenix Blvd., Suite 475
Atlanta, GA 30349

September 17, 1997

Project No. PQ1465CE

Mrs. Carolyn Lynn
President
Aero Design, Inc.
181 Due West Drive
Mt. Juliet, TN 37122

Dear Mrs. Lynn:

In response to your letter dated September 12, 1997, we have made the corrections you noted to your Parts Manufacturing Approval, Supplement No. 43.

Please replace the previous PMA Supplement No. 43, dated August 19, 1997, and replace it with this new revised Supplement No. 43, dated September 17, 1997. We apologize for any inconvenience this may have caused you.

If we can be of any further assistance, please do not hesitate to call us at (770) 703-6100.

Sincerely,


Jim Reeves

Manager, Atlanta Manufacturing
Inspection District Office

Enclosure

PROPRIETARY
AERO DESIGN, INC.

PARTS MANUFACTURER APPROVAL NO. PQ1465CE

PRODUCTION APPROVAL LISTING - SUPPLEMENT NO. 43

DATED AUGUST 19, 1997

REVISED SEPTEMBER 17, 1997

FEDERAL AVIATION ADMINISTRATION - PARTS MANUFACTURER APPROVAL

Aero Design, Inc.
181 Due West Drive
Mt. Juliet, TN 37122

<u>Part Name</u>	<u>Part Number</u>	<u>Approved Replacement for</u>	<u>FAA Approval Basis & Approved Design Data</u>	<u>Installation Eligibility</u>	<u>Model</u>
Temp Sensor	AQS-2000	Aviall P/N BS-2145 Marathon P/N 29432-005	Identity per FAR 21.303(c) 4 and verified by DER, as shown on Drawing No. A-1003A, Rev. 2, Dated 04/25/97, or Later FAA Approval	Cessna	208 Series
Temp Sensor	AQS-2005	Aviall P/N BS-2146 Saft P/N 19437	Identity per FAR 21.303(c) 4 and verified by DER, as shown on Drawing No. A-1008A, Rev. 1, Dated 04/25/97, or Later FAA Approval	Eurocopter	BO-105 Series
Temp Sensor	AQS-2007	Aviall P/N BS-2029 Saft P/N 19640	Identity per FAR 21.303(c) 4 and verified by DER, as shown on Drawing No. A-1010A, Rev. 1, Dated 04/22/97, or Later FAA Approval	Piper	PA-42 Series
Temp Sensor	AQS-2012	Aviall P/N BS-2036 Saft P/N 17694	Identity per FAR 21.303(c) 4 and verified by DER, as shown on Drawing No. A-1015A, Rev. 2, Dated 04/25/97, or Later FAA Approval	Beech	200 Series
Temp Sensor	AQS-2014	Aviall P/N BS- 2031 Saft P/N 413049	Identity per FAR 21.303(c) 4 and verified by DER, as shown on Drawing No. A-1018A, Rev. 1, Dated 04/25/97, or Later FAA Approval	Raytheon	BAe 125-800 Series


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<u>Part Name</u>	<u>Part Number</u>	<u>Approved Replacement for</u>	<u>FAA Approval Basis & Approved Design Data</u>	<u>Installation Eligibility</u>	<u>Model</u>
Temp Sensor	AQS-2021	Aviall P/N BS-2039 Saft P/N 19757 Marathon P/N 31023-001	Identicality per FAR 21.303(c) 4 and verified by DER, as shown on Drawing No. A-1025A, Rev. 2, Dated 04/97, or Later FAA Approval	Bombardier/ Canadair	CL-600 Series
Temp Sensor	AQS-2022	Aviall P/N BS-2044	Identicality per FAR 21.303(c) 4 and verified by DER, as shown on Drawing No. A-1026A, Rev. 1, Dated 04/97, or Later FAA Approval	Israel Aircraft Industries	1100 Series
Temp Sensor	AQS-2023	Aviall P/N BS-2045 Saft P/N 19498 Marathon P/N 29565-001, -002, - 003	Identicality per FAR 21.303(c) 4 and verified by DER, as shown on Drawing No. A-1027A, Rev. 1, Dated 04/97, or Later FAA Approval	Sikorsky Aircraft Division	S-76 Series
Temp Sensor	AQS-2024	Aviall P/N BS-2048 Saft P/N 18931	Identicality per FAR 21.303(c) and verified by DER, as shown on Drawing No. A-1028A, Rev. 1, Dated 04/97, or Later FAA Approval	Cessna	441 Conquest Series 500, 501, 552, S550, 550, 560 Series
Temp Sensor	AQS-2025	Aviall P/N BS-2049 Saft P/N 19504 Marathon P/N 2983-003	Identicality per FAR 21.303(c) and verified by DER, as shown on Drawing No. A-1028A, Rev. 1, Dated 04/97, or Later FAA Approval	Cessna	441 Conquest Series 500, 501, 552, S550, 550, 560 Series
Temp Sensor	AQS-2026	Aviall P/N BS-2046	Identicality per FAR 21.303(c) and verified by DER, as shown on Drawing No. A-1030A, Rev. 1, Dated 04/97, or Later FAA Approval	Sikorsky Aircraft Division	S-58 Series
Temp Sensor	AQS-2027	Aviall P/N BS-2077 Saft AI. P/N 19437 Saft FA. P/N 162366 Marathon P/N 28900-006	Identicality per FAR 21.303(c) and verified by DER, as shown on Drawing No. A-1031A, Rev. 1, Dated 04/97, or Later FAA Approval	Learjet	55 Series
Temp Sensor	AQS-2028	Aviall P/N BS-2053	Identicality per FAR 21.303(c) 4 and verified by DER, as shown on Drawing No. A-1032A, Rev. 1, Dated 04/97, or Later FAA Approval	Piper	PA-31 Series

PROPRIETARY
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<u>Part Name</u>	<u>Part Number</u>	<u>Approved Replacement for</u>	<u>FAA Approval Basis & Approved Design Data</u>	<u>Installation Eligibility</u>	<u>Model</u>
Temp Sensor	AQS-2029	Aviall P/N BS-2052 AID P/N 23-2100	Identicality per FAR 21.303(c) 4 and verified by DER, as shown on Drawing No. A-1033A, Rev. 2, Dated 04-97, or Later FAA Approval	Learjet	24 Series - S/N 259 & After 25 Series - S/N 134 & After 28, 29, 31, 35, 36 Series
Temp Sensor	AQS-2030	Aviall P/N BS-2051 Lear Avia P/N 800508-1 Marathon P/N 28900-002	Identicality per FAR 21.303(c) 4 and verified by DER, as shown on Drawing No. A-1034A, Rev. 2, Dated 04-97, or Later FAA Approval	Learjet	23 Series - All Models 24 Series - S/N 1-258 25 Series - S/N 1-134
Temp Sensor	AQS-2031	Aviall P/N BS-2108 Marathon P/N 29529-001 Saft P/N 19756	Identicality per FAR 21.303(c) and verified by DER, as shown on Drawing No. A-1035A, Rev. 1, Dated 04/97, or Later FAA Approval	Dehavilland Aircraft Co., Ltd.	DHC-6 & -7 Series Empresa Brasileira De Aeronautica S/A 110 & 120 Series
Temp Sensor	AQS-2032	Aviall P/N BS-2050 Marathon P/N 28900-001 Saft P/N 19950	Identicality per FAR 21.303(c) and verified by DER, as shown on Drawing No. A-1036A, Rev.2, Dated 04-97, or Later FAA Approval	Learjet	23, 24, 25, 28, 29, 31, 35, 36 Series
Temp Sensor	AQS-2035	Aviall P/N BS-2112 Marathon P/N 29783-001 Saft P/N 18931	Identicality per FAR 21.303(c) and verified by DER, as shown on Drawing No. A-1036A, Rev.1, Dated 04/97, or Later FAA Approval	Cessna	441 Conquest Series
Temp Sensor	AQS-2036	Aviall P/N BS-2118 Marathon P/N 29170-001 Saft P/N 18931	Identicality per FAR 21.303(c) and verified by DER, as shown on Drawing No. A-1040A, Rev.1, Dated 04/97, or Later FAA Approval	McDonnell Douglas Helicopter Co.	369 & 500 Series

-END OF LISTING-


Jim Reeves
Manager, Atlanta Manufacturing
Inspection District Office

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