



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

July 24, 2009

Williams Air Parts, Inc.
730 Lincoln Lake Ave.
Lowell, MI 49331

Attention: Mr. Dan Williams

FEDERAL AVIATION ADMINISTRATION - PARTS MANUFACTURER APPROVAL

In accordance with Title 14, Code of Federal Regulations (14 CFR), part 21, Certification Procedures for Products and Parts, subpart K, the FAA has found that the design data, as submitted by Williams Air Parts, Inc. on July 8, 2009, meets the airworthiness requirements of 14 CFR applicable to the product(s) on which the part(s) is to be installed. Additionally, the FAA has determined that Williams Air Parts, Inc. has established the Fabrication Inspection System (FIS) required by § 21.303(h) at 730 Lincoln Lake Ave., Lowell, MI 49331. Accordingly, Parts Manufacturer Approval (PMA) is hereby granted to Williams Air Parts, Inc. to produce the replacement parts (or modification parts, as applicable) listed in the enclosed supplement(s) in conformity with the FAA-approved design data. Subsequent changes to these design data must be approved in a manner acceptable to the FAA.

The following terms and conditions apply to this approval:

1. Williams Air Parts, Inc.'s FIS, methods, procedures and manufacturing facilities, including suppliers, are subject to FAA surveillance and investigations. Accordingly, Williams Air Parts, Inc. must advise its suppliers that their facilities are also subject to FAA surveillance and investigations.
2. Williams Air Parts, Inc. must notify the Detroit Manufacturing Inspection Satellite Office (MISO) in writing within ten working days from the date the manufacturing facilities, at which parts are manufactured, are relocated or expanded, to include additional facilities at other locations. This requirement also applies to Williams Air Parts, Inc.'s suppliers with major inspection authorization, and those suppliers who furnish parts or related services where a determination of safety and conformance to the approved design cannot or will not be made upon receipt at the approved receiving facility.

3. Upon request, Williams Air Parts, Inc. must make available to the FAA any pertinent information concerning their suppliers who furnish parts/services. This includes:

- a. A description of the part or service;
- b. Where and by whom the part or service will undergo inspection;
- c. Any delegation of inspection duties;
- d. Any delegation of materials review authority;
- e. The name and title of FAA contact at the supplier facility;
- f. The inspection procedures required to be implemented;
- g. Any direct-shipment authority;
- h. Results of Williams Air Parts, Inc.'s evaluation, audit, and/or surveillance of their suppliers;
- i. The purchase/work order number (or equivalent); and
- j. Any feedback relative to service difficulties originating at Williams Air Parts, Inc.'s suppliers.

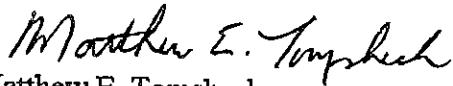
4. Parts, appliances, or manufacturing services furnished by any suppliers located in a foreign country may not be used in the production of any part listed in the enclosed supplement unless:

- a. That part or service can and will be completely inspected for conformity at Williams Air Parts, Inc.'s U.S. facility; or,
- b. The FAA has determined that the location of the foreign supplier facility places no undue burden on the FAA in administering applicable airworthiness requirements. Williams Air Parts, Inc. must advise the FAA at least ten working days in advance when the use of such foreign suppliers is contemplated. This will allow the FAA time to make this determination.

5. Parts produced under the terms of this approval must be permanently marked with the identification information as required by 14 CFR part 45, Identification and Registration Marking, § 45.15. Use the letters "FAA-PMA," the name, trademark, or symbol of the company, the part number, and the name and model designation of each type-certificated product on which the part is eligible for installation. If the part is too small or impractical to mark, the FAA must approve alternate means of identification. For a part based on an STC, the identification of installation-eligible type-certificated products must refer to the STC on the shipping document.

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6. This approval is not transferable and it may be withdrawn for any reason which would preclude its issuance or whenever the FAA finds that the FIS is not being maintained. A withdrawal may occur if unsafe or nonconforming parts are accepted under the FIS.
7. The Detroit MISO must be notified within ten working days from the date that the address shown in this approval has been changed.
8. Williams Air Parts, Inc. must maintain its FIS in continuous compliance with the requirements of part § 21.303(h). Williams Air Parts, Inc. also must ensure that each part conforms to the approved design data and is safe for installation on type-certificated products.
9. Williams Air Parts, Inc. is eligible for the appointment of qualified individuals in their employ to represent the FAA as Designated Manufacturing Inspector Representatives (DMIRs). The DMIRs may issue an export airworthiness approval for Class II and Class III products.
10. Williams Air Parts, Inc. must report in a timely manner, to the Detroit MISO, information concerning service difficulties on any part produced under this approval. Williams Air Parts, Inc. also must report any failures, malfunctions, and defects that are required to be reported in accordance with § 21.3.
11. All technical data required by § 21.303(c)(3), for the parts to be produced in accordance with this approval, must be readily available to the FAA at the facility where the parts are being produced.
12. Williams Air Parts, Inc. must notify the Detroit MISO immediately in writing of any changes to the FIS that may affect the inspection, conformity, or airworthiness of the parts approved in this letter.
13. Williams Air Parts, Inc. must produce all parts in accordance with Williams Air Parts, Inc.'s Quality manual, dated May 19, 2009, that has been presented as evidence of compliance with § 21.303(h). Accordingly, any revisions to these data must be submitted to the Detroit MISO prior to implementation.



Matthew E. Tomsheck
Manager, Manufacturing
Inspection District Office

Enclosure
Parts Manufacturer Approval Listing
Supplement No. 1

PARTS MANUFACTURER APPROVAL NO. PO4069CE
 PRODUCTION APPROVAL LISTING - SUPPLEMENT NO. 1
 DATE: July 24, 2009

FEDERAL AVIATION ADMINISTRATION - PARTS MANUFACTURER APPROVAL

Williams Air Parts, Inc.
 730 Lincoln Lake Ave.
 Lowell, MI 49331

<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>
Circuit Breaker Switch 5 Amps	WAPI-10004- SYEL	35-380132-1, 35-380132-61	Test and Computations by Comparative Analysis per 14 CFR § 21.303 <u>DWG No:</u> WAPI-10004 <u>Rev:</u> A <u>Date:</u> 7/8/2009 or later FAA-approved revisions	Hawker Beechcraft	F33, and G33 F33A F33C V35B A36 A36TC and B36TC 95-B55 D55 E55 A56TC 58 58P 58TC G58 77
Circuit Breaker Switch 5 Amps	WAPI-10004- SBLU	35-380132-11, 35-380132-71	Test and Computations by Comparative Analysis per 14 CFR § 21.303 <u>DWG No:</u> WAPI-10004 <u>Rev:</u> A <u>Date:</u> 7/8/2009 or later FAA-approved revisions	Hawker Beechcraft	F33, and G33 F33A F33C V35B A36 A36TC and B36TC 95-B55 D55 E55 A56TC 58 58P 58TC G58 77
Circuit Breaker Switch 5 Amps	WAPI-10004- 5GRN	35-380132-21, 35-380132-81	Test and Computations by Comparative Analysis per 14 CFR § 21.303 <u>DWG No:</u> WAPI-10004 <u>Rev:</u> A <u>Date:</u> 7/8/2009 or later FAA-approved revisions	Hawker Beechcraft	F33, and G33 F33A F33C V35B A36 A36TC and B36TC 95-B55 D55 E55 A56TC 58 58P 58TC G58 77

Circuit Breaker Switch 5 Amps	WAPI-10004- 5BLK	35-380132-31, 35-380132-91	Test and Computations by Comparative Analysis per 14 CFR § 21.303 <u>DWG No:</u> WAPI-10004 <u>Rev:</u> A <u>Date:</u> 7/8/2009 or later FAA-approved revisions	Hawker Beechcraft	F33, and G33 F33A F33C V35B A36 A36TC and B36TC 95-B55 D55 E55 A56TC 58 58P 58TC G58 77
Circuit Breaker Switch 5 Amps	WAPI-10004-5SIL	35-380132-41, 35-380132-101	Test and Computations by Comparative Analysis per 14 CFR § 21.303 <u>DWG No:</u> WAPI-10004 <u>Rev:</u> A <u>Date:</u> 7/8/2009 or later FAA-approved revisions	Hawker Beechcraft	F33, and G33 F33A F33C V35B A36 A36TC and B36TC 95-B55 D55 E55 A56TC 58 58P 58TC G58 77
Circuit Breaker Switch 10 Amps	WAPI-10005- 10YEL	35-380132-3, 35-380132-63	Test and Computations by Comparative Analysis per 14 CFR § 21.303 <u>DWG No:</u> WAPI-10005 <u>Rev:</u> A <u>Date:</u> 7/8/2009 or later FAA-approved revisions	Hawker Beechcraft	F33, and G33 F33A F33C V35B A36 A36TC and B36TC 95-B55 D55 E55 A56TC 58 58P 58TC G58 77
Circuit Breaker Switch 10 Amps	WAPI-10005- 10BLU	35-380132-13, 35-380132-73	Test and Computations by Comparative Analysis per 14 CFR § 21.303 <u>DWG No:</u> WAPI-10005 <u>Rev:</u> A <u>Date:</u> 7/8/2009 or later FAA-approved revisions	Hawker Beechcraft	F33, and G33 F33A F33C V35B A36 A36TC and B36TC 95-B55 D55 E55 A56TC 58 58P 58TC G58 77

Circuit Breaker Switch 10 Amps	WAPI-10005- 10GRN	35-380132-23, 35-380132-83	Test and Computations by Comparative Analysis per 14 CFR § 21.303 <u>DWG No:</u> WAPI-10005 <u>Rev:</u> A <u>Date:</u> 7/8/2009 or later FAA-approved revisions	Hawker Beechcraft	F33, and G33 F33A F33C V35B A36 A36TC and B36TC 95-B55 D55 E55 A56TC 58 58P 58TC G58 77
Circuit Breaker Switch 10 Amps	WAPI-10005- 10BLK	35-380132-33, 35-380132-93	Test and Computations by Comparative Analysis per 14 CFR § 21.303 <u>DWG No:</u> WAPI-10005 <u>Rev:</u> A <u>Date:</u> 7/8/2009 or later FAA-approved revisions	Hawker Beechcraft	F33, and G33 F33A F33C V35B A36 A36TC and B36TC 95-B55 D55 E55 A56TC 58 58P 58TC G58 77
Circuit Breaker Switch 10 Amps	WAPI-10005- 10SIL	35-380132-43, 35-380132-103	Test and Computations by Comparative Analysis per 14 CFR § 21.303 <u>DWG No:</u> WAPI-10005 <u>Rev:</u> A <u>Date:</u> 7/8/2009 or later FAA-approved revisions	Hawker Beechcraft	F33, and G33 F33A F33C V35B A36 A36TC and B36TC 95-B55 D55 E55 A56TC 58 58P 58TC G58 77
Circuit Breaker Switch 15 Amps	WAPI-10006- 15YEL	35-380132-5, 35-380132-65	Test and Computations by Comparative Analysis per 14 CFR § 21.303 <u>DWG No:</u> WAPI-10006 <u>Rev:</u> A <u>Date:</u> 7/8/2009 or later FAA-approved revisions	Hawker Beechcraft	F33, and G33 F33A F33C V35B A36 A36TC and B36TC 95-B55 D55 E55 A56TC 58 58P 58TC G58 77

Circuit Breaker Switch 15 Amps	WAPI-10006- 15BLU	35-380132-15, 35-380132-75	Test and Computations by Comparative Analysis per 14 CFR § 21.303 <u>DWG No:</u> WAPI-10006 <u>Rev:</u> A <u>Date:</u> 7/8/2009 or later FAA-approved revisions	Hawker Beechcraft	F33, and G33 F33A F33C V35B A36 A36TC and B36TC 95-B55 D55 E55 A56TC 58 58P 58TC G58 77
Circuit Breaker Switch 15 Amps	WAPI-10006- 15GRN	35-380132-25, 35-380132-85	Test and Computations by Comparative Analysis per 14 CFR § 21.303 <u>DWG No:</u> WAPI-10006 <u>Rev:</u> A <u>Date:</u> 7/8/2009 or later FAA-approved revisions	Hawker Beechcraft	F33, and G33 F33A F33C V35B A36 A36TC and B36TC 95-B55 D55 E55 A56TC 58 58P 58TC G58 77
Circuit Breaker Switch 15 Amps	WAPI-10006- 15BLK	35-380132-35, 35-380132-95	Test and Computations by Comparative Analysis per 14 CFR § 21.303 <u>DWG No:</u> WAPI-10006 <u>Rev:</u> A <u>Date:</u> 7/8/2009 or later FAA-approved revisions	Hawker Beechcraft	F33, and G33 F33A F33C V35B A36 A36TC and B36TC 95-B55 D55 E55 A56TC 58 58P 58TC G58 77
Circuit Breaker Switch 15 Amps	WAPI-10006- 15SL	35-380132-45, 35-380132-105	Test and Computations by Comparative Analysis per 14 CFR § 21.303 <u>DWG No:</u> WAPI-10006 <u>Rev:</u> A <u>Date:</u> 7/8/2009 or later FAA-approved revisions	Hawker Beechcraft	F33, and G33 F33A F33C V35B A36 A36TC and B36TC 95-B55 D55 E55 A56TC 58 58P 58TC G58 77

Circuit Breaker Switch 20 Amps	WAPI-10007- 20YEL	35-380132-7, 35-380132-67	Test and Computations by Comparative Analysis per 14 CFR § 21.303 <u>DWG No:</u> WAPI-10007 <u>Rev:</u> A <u>Date:</u> 7/8/2009 or later FAA-approved revisions	Hawker Beechcraft	F33, and G33 F33A F33C V35B A36 A36TC and B36TC 95-B55 D55 E55 A56TC 58 58P 58TC G58 77
Circuit Breaker Switch 20 Amps	WAPI-10007- 20BLU	35-380132-17, 35-380132-77	Test and Computations by Comparative Analysis per 14 CFR § 21.303 <u>DWG No:</u> WAPI-10007 <u>Rev:</u> A <u>Date:</u> 7/8/2009 or later FAA-approved revisions	Hawker Beechcraft	F33, and G33 F33A F33C V35B A36 A36TC and B36TC 95-B55 D55 E55 A56TC 58 58P 58TC G58 77
Circuit Breaker Switch 20 Amps	WAPI-10007- 20GRN	35-380132-27, 35-380132-87	Test and Computations by Comparative Analysis per 14 CFR § 21.303 <u>DWG No:</u> WAPI-10007 <u>Rev:</u> A <u>Date:</u> 7/8/2009 or later FAA-approved revisions	Hawker Beechcraft	F33, and G33 F33A F33C V35B A36 A36TC and B36TC 95-B55 D55 E55 A56TC 58 58P 58TC G58 77
Circuit Breaker Switch 20 Amps	WAPI-10007- 20BLK	35-380132-37, 35-380132-97	Test and Computations by Comparative Analysis per 14 CFR § 21.303 <u>DWG No:</u> WAPI-10007 <u>Rev:</u> A <u>Date:</u> 7/8/2009 or later FAA-approved revisions	Hawker Beechcraft	F33, and G33 F33A F33C V35B A36 A36TC and B36TC 95-B55 D55 E55 A56TC 58 58P 58TC G58 77

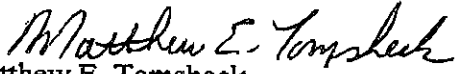
Circuit Breaker Switch 20 Amps	WAPI-10007- 20SIL	35-380132-47, 35-380132-107	Test and Computations by Comparative Analysis per 14 CFR § 21.303 <u>DWG No:</u> WAPI-10007 <u>Rev:</u> A <u>Date:</u> 7/8/2009 or later FAA-approved revisions	Hawker Beechcraft	F33, and G33 F33A F33C V35B A36 A36TC and B36TC 95-B55 D55 E55 A56TC 58 58P 58TC G58 77
Circuit Breaker Switch 30 Amps	WAPI-10008- 30YEL	35-380132-9, 35-380132-69	Test and Computations by Comparative Analysis per 14 CFR § 21.303 <u>DWG No:</u> WAPI-10008 <u>Rev:</u> A <u>Date:</u> 7/8/2009 or later FAA-approved revisions	Hawker Beechcraft	F33, and G33 F33A F33C V35B A36 A36TC and B36TC 95-B55 D55 E55 A56TC 58 58P 58TC G58 77
Circuit Breaker Switch 30 Amps	WAPI-10008- 30BLU	35-380132-19, 35-380132-79	Test and Computations by Comparative Analysis per 14 CFR § 21.303 <u>DWG No:</u> WAPI-10008 <u>Rev:</u> A <u>Date:</u> 7/8/2009 or later FAA-approved revisions	Hawker Beechcraft	F33, and G33 F33A F33C V35B A36 A36TC and B36TC 95-B55 D55 E55 A56TC 58 58P 58TC G58 77
Circuit Breaker Switch 30 Amps	WAPI-10008- 30GRN	35-380132-29, 35-380132-89	Test and Computations by Comparative Analysis per 14 CFR § 21.303 <u>DWG No:</u> WAPI-10008 <u>Rev:</u> A <u>Date:</u> 7/8/2009 or later FAA-approved revisions	Hawker Beechcraft	F33, and G33 F33A F33C V35B A36 A36TC and B36TC 95-B55 D55 E55 A56TC 58 58P 58TC G58 77

Circuit Breaker Switch 30 Amps	WAPI-10008- 30BLK	35-380132-39, 35-380132-99	Test and Computations by Comparative Analysis per 14 CFR § 21.303 <u>DWG No:</u> WAPI-10008 <u>Rev:</u> A <u>Date:</u> 7/8/2009 or later FAA-approved revisions	Hawker Beechcraft	F33, and G33 F33A F33C V35B A36 A36TC and B36TC 95-B55 D55 E55 A56TC 58 58P 58TC G58 77
Circuit Breaker Switch 30 Amps	WAPI-10008- 30SL	35-380132-49, 35-380132-109	Test and Computations by Comparative Analysis per 14 CFR § 21.303 <u>DWG No:</u> WAPI-10008 <u>Rev:</u> A <u>Date:</u> 7/8/2009 or later FAA-approved revisions	Hawker Beechcraft	F33, and G33 F33A F33C V35B A36 A36TC and B36TC 95-B55 D55 E55 A56TC 58 58P 58TC G58 77
Circuit Breaker Switch 7.5 Amps	WAPI-10009- 7.5SL	35-380132-51, 35-380132-111	Test and Computations by Comparative Analysis per 14 CFR § 21.303 <u>DWG No:</u> WAPI-10009 <u>Rev:</u> A <u>Date:</u> 7/8/2009 or later FAA-approved revisions	Hawker Beechcraft	F33, and G33 F33A F33C V35B A36 A36TC and B36TC 95-B55 D55 E55 A56TC 58 58P 58TC G58 77
Circuit Breaker Switch 7.5 Amps	WAPI-10009- 7.5YEL	35-380132-53, 35-380132-113	Test and Computations by Comparative Analysis per 14 CFR § 21.303 <u>DWG No:</u> WAPI-10009 <u>Rev:</u> A <u>Date:</u> 7/8/2009 or later FAA-approved revisions	Hawker Beechcraft	F33, and G33 F33A F33C V35B A36 A36TC and B36TC 95-B55 D55 E55 A56TC 58 58P 58TC G58 77

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

NOTE:

1. Provide minor design changes in a manner as determined by the ACO. Handle major design changes to drawings and specifications in the same manner as that for an original FAA-PMA.
2. The FAA approved ICA for the above parts with their designs. These ICA may refer to those of the respective parts from the holders of type certificates. Otherwise, provide supplemental ICA for differences in the replacement parts. Make referral statements or supplemental ICA readily available per 14 CFR 21.50.


Matthew E. Tomsheck
Manager, Manufacturing
Inspection District Office