

United States of America
Department of Transportation -- Federal Aviation Administration
Supplemental Type Certificate

Number SA02652CH

This certificate issued to

Jet Works Air Center
5035 Warbird Drive
Denton, TX 76207

certifies that the change in the type design for the following product with the limitations and conditions therefor as specified hereon meets the airworthiness requirements of Part 23 of the Federal Aviation Regulations. (See Sheet 3 for complete certification basis)

Original Product--Type Certificate Number: A59EU

Make: PIAGGIO AERO INDUSTRIES S.p.A

Model: Piaggio P-180

Description of Type Design Change:

Installation of a Rockwell Collins GWX-5000 VHF Datalink Weather System in accordance with Envoy Aerospace, LLC Master Data List, Document No. JW4199-2320-01, Rev. A, dated November 18, 2008, or later FAA approved revision.

Limitations and Conditions:

1. The installer must determine whether this design change is compatible with previously approved modifications.
2. FAA Approved Flight Manual Supplement, Jet Works Air Center Document No. JW4199-2320-100, Revision -, dated November 24, 2008 or later FAA approved revision is required onboard the modified aircraft.
3. The aircraft must be maintained in accordance with Airworthiness Limitations contained in Jet Works Air Center Document No. JW4199-2320-200, Chapter 10 Airworthiness Limitations, Revision A, approved November 24, 2008 or later FAA approved revision, in addition to the basic aircraft maintenance manuals.
4. If the holder agrees to permit another person to use this certificate to alter a product, the holder must give the other person written evidence of that permission.

This certificate and the supporting data which is the basis for approval shall remain in effect until surrendered, suspended, revoked or a termination date is otherwise established by the Administrator of the Federal Aviation Administration.

Date of application: August 19, 2008

Date reissued: January 12, 2009

Date of issuance: November 25, 2008

Date amended:



By direction of the Administrator

(Signature)

Charles L. Smalley, Manager
Systems and Flight Test Branch
Chicago Aircraft Certification Office

(Title)

United States of America
Department of Transportation - Federal Aviation Administration
Supplemental Type Certificate
(Continuation Sheet)

Number SA02652CH

Date of Issuance: November 25, 2008

Certification Basis (continued)

Based on 14 CFR §§ 21.101 and 21.115, and the FAA policy for significant changes in FAA Order 8110.48, the certification basis for the Piaggio P-180 aircraft with the installation of the Rockwell Collins GWX-5000 VHF Datalink Graphical Weather System is as follows:

- a. The type certification basis for the Piaggio P-180 is shown on TCDS A59EU for parts not changed or not affected by this change.
- b. The type certification basis for the parts changed or affected by this change since the reference date of application, August 19, 2008, is based upon Part 23 as amended by Amendment 23-55. Based on 14 CFR §§ 21.101 and 21.115, and the FAA policy for significant changes in FAA Order 8110.48, the certification basis for this modification was determined to be:

Applicable Regulations at the latest amendment 23-0 through 23-55

23.301(a), (b); 23.303; 23.305(a), (b); 23.307(a); 23.365(a), (b), (d); 23.561(a), (b), (e); 23.571(c); 23.573(b); 23.575; 23.603(a), (b); 23.605(a); 23.607(b); 23.609(a), (b); 23.611; 23.613(a), (b), (d); 23.619; 23.625(a); 23.867(a), (b); 23.1301(a), (b), (c), (d); 23.1309(a), (b), (c), (d), (e); 23.1351(a); 23.1357(a), (b), (c), (d); 23.1359(b); 23.1365(a), (b), (d), (e), (f); 23.1431(a), (b); 23.1501; 23.1529; 23.1581(a), (b), (c), (d), (f); 23.1583(m); 23.1585(a), (j).

-----END-----