

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

Number SA02255NY

This certificate issued to Innovative Solutions and Support
720 Pennsylvania Drive
Exton, PA 19341

certifies that the change in the type design for the following product with the limitations and conditions therefore as specified hereon meets the airworthiness requirements of Part 23 of the Federal Aviation Regulations.

Original Product -- Type Certificate Number: A78EU
Make: Pilatus Aircraft Limited
Model: PC-12, -12/45, -12/47 Series

Description of Type Design Change:

Configuration A – Dual 15” Flat Panel Display System (Pilot and Copilot Positions)

Installation of Innovative Solutions & Support - (IS&S) Dual 15” Flat Panel Display System in accordance with IS&S Master Drawing List, 1D-06319 Revision 9, dated March 27, 2009.

Configuration B – 10” Flat Panel Display System (Pilot and Copilot/Pilot Side Only Installation)

Installation of Innovative Solutions & Support - (IS&S) 10” Flat Panel Display System in accordance with IS&S Master Drawing List, 1D-06718 Revision E, dated March 27, 2009.

Configuration C – 10” Flat Panel Display System (Pilot Side) and 15” Flat Panel Display System (Copilot Side) Installation)

Installation of Innovative Solutions & Support - (IS&S) (2x10” and 1x15”) Flat Panel Display System in accordance with IS&S Master Drawing List, 1D-07356 Revision 4, dated March 27, 2009.

(See Continuation Sheet 2 of 2)

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: November 17, 2005

Date reissued:

Date of issuance: May 02, 2006

Date amended: September 13, 2006, June 19, 2007,
April 07, 2009

By direction of the Administrator



(Signature)

Anthony Socias
Manager
New York Aircraft Certification Office

(Title)

Any alteration of this certificate is punishable by a fine of not exceeding \$1,000, or imprisonment not exceeding 3 years, or both.

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Supplemental Type Certificate
(Continuation Sheet)

Number SA02255NY

Date of Amendment: April 07, 2009

Limitations and Conditions:

Configuration A – Dual 15” Flat Panel Display System (Pilot and Copilot Positions)

1. IS&S Airplane Flight Manual Supplement Document No. 1D-06314, Revision C, FAA Approved April 7, 2009 is required with this installation.
2. The aircraft must be maintained in accordance with IS&S Instructions for Continued Airworthiness, Flat Panel Display Installation, 1D-06313, Revision 7, dated January 29, 2009.
3. STC SA01933LA must be installed prior to using the GPS WAAS approach capabilities of this installation.
4. The Installer must determine whether this design change is compatible with previously approved modifications.
5. If the holder agrees to permit another person to use the certificate to alter a product, the holder must give the other person written evidence of that permission.

Configuration B – 10” Flat Panel Display System (Pilot and Copilot/Pilot Side Only Installation)

1. IS&S Airplane Flight Manual Supplement Document No. 1D-06715, Revision C, FAA Approved April 7, 2009 is required with this installation.
2. The aircraft must be maintained in accordance with IS&S Instructions for Continued Airworthiness, Flat Panel Display Installation, 1D-06714, Revision 4, dated January 29, 2009.
3. STC SA01933LA must be installed prior to using the GPS WAAS approach capabilities of this installation.
4. The Installer must determine whether this design change is compatible with previously approved modifications.
5. If the holder agrees to permit another person to use the certificate to alter a product, the holder must give the other person written evidence of that permission.

Configuration C – 10” Flat Panel Display System (Pilot Side) and 15” Flat Panel Display System (Copilot Side) Installation)

1. IS&S Airplane Flight Manual Supplement Document No. 1D-07357, Revision B, FAA Approved April 7, 2009 is required with this installation.
2. The aircraft must be maintained in accordance with IS&S Instructions for Continued Airworthiness, Flat Panel Display Installation, 1D-07358, Revision 3, dated January 29, 2009.
3. STC SA01933LA must be installed prior to using the GPS WAAS approach capabilities of this installation.
4. The Installer must determine whether this design change is compatible with previously approved modifications.
5. If the holder agrees to permit another person to use the certificate to alter a product, the holder must give the other person written evidence of that permission.

Certification Basis:

The Certification Basis for Configurations A, B and C are defined as:

1. The type certification basis for Pilatus PC-12 -12/45, -12/47 Series as shown on TCDS A78EU for parts not changed or not affected by the change.
2. Title 14 CFR Part 23, dated February 1, 1965, including Amendments 23-1 through 23-54 for the change and all areas affected by the change. The following lists the Federal Aviation Regulations complied with through Amendment Level 23-54.

23.301 23.303 23.305 23.307 23.321 23.331 23.333 23.335 23.337 23.341 23.561 23.603 23.607
23.613 23.619 23.625 23.771 23.773 23.777 23.1301 23.1303 23.1309 23.1311 23.1321
23.1322 23.1323 23.1327 23.1331 23.1351 23.1353 23.1357 23.1359 23.1361 23.1365 23.1367 23.1381
23.1431 23.1501 23.1523 23.1529 23.1541 23.1543 23.1545 23.1555 23.1581 23.1583 23.1585

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