

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

Number ST00813DE

This certificate, issued to

Peregrine
13000 E. Control Tower Road
Suite 220, Box K-4
Englewood, CO 80112

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 25 of the Federal Aviation Regulations.*

* Certification basis is established in the Type Certificate Data Sheet applicable to the listed models in the FAA Approved Model List (AML).

Original Product—Type Certificate Number:

FAA Approved Model List (AML) for CMA-6800 Multi-Purpose Liquid Crystal Display, Document No. ST00813DE, Rev IR, dated May 23, 2016, or later FAA approved revision, lists the approved airplane models, applicable installation data requirements, and specific limitations.

Make:

Model:

Description of the Type Design Change:

Replacement of Honeywell (formerly Sperry) ED-800 cathode ray tube (CRT) display, part number 7003110-901 or 7003110-902, with Esterline CMC Electronics CMA-6800 multi-purpose liquid crystal display (LCD), in accordance with Master Drawing List, E-DI-15-0002, Rev. A, dated March 11, 2016, or later FAA approved revision.

Limitations and Conditions:

1. The installer must determine if this design change is compatible with previously approved modifications.
2. Reference existing Instructions for Continued Airworthiness, if applicable.

(Limitations and Conditions continue on page 3 of 3)

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: March 03, 2015

Date reissued:

Date of issuance: May 23, 2016

Date amended:

By direction of the Administrator



Gregory Johnson
(Signature)

Gregory Johnson
Program Manager
Denver Aircraft Certification Office

(Title)

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(Continuation Sheet)

Number ST00813DE

Date of Issuance: May 23, 2016

Limitations and Conditions (continued):

3. The airplane flight manual supplement identified below must be maintained onboard the modified aircraft:
 - a. Airplane Flight Manual Supplement to the Aircraft Make _____ Model _____ (Select approved Make and Model from Supplemental Type Certificate (STC) ST00813DE Approved Model List (AML)) Airplane Flight Manual for the Installation of CMA-6800 Electronic Display, E-DI-15-0009, Rev. IR, approved by the FAA on May 20, 2016.
4. This STC is limited to installations where the CMA-6800 electronic display is replacing an approved installation of the Honeywell ED-800 CRT display.
5. The CMA-6800 electronic display may be installed in any of the following configurations:
 - a. As a replacement for any single ED-800 in the pilot or co-pilot electronic attitude direction indicator (EADI) or electronic horizontal situation indicator (EHSI) position.
 - b. As a replacement for both ED-800 CRT displays in the pilot EADI and EHSI positions.
 - c. As a replacement for both ED-800 CRT displays in the pilot and copilot EADI and EHSI positions.
 - d. As a replacement for the center ED-800 CRT display in the multi-function display (MFD) position, independent of or in combination with any configuration listed in a thru c above.
6. When the CMA-6800 electronic display is installed for use as an EADI, an Esterline CMC Electronics slip indicator/inclinometer must be installed.
7. A copy of this certificate, its continuation sheet, and the FAA-approved airplane flight manual supplement per item number 3 above, must be maintained as part of the permanent records of the modified aircraft.
8. If the STC holder agrees to permit another person to use this certificate to alter the product, the holder shall give the other person written evidence of that permission.

Note:

It has been determined that this modification is a No Acoustical Change per 14 CFR 21.93 (b).

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