

United States of America Department of Transportation Federal Aviation Administration

Supplemental Type Certificate

Number: ST00813DE

This certificate issued to: Peregrine

7385 S. Peoria Street Unit C4 Englewood, CO 80112

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 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:

Make: FAA Approved Model List (AML) for CMA-6800 Multi-

Model:

Purpose Liquid Crystal Dispaly, 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.

Description of 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 the 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, and revoked or a termination date is otherwise established by the Administrator of the Federal Aviation Administration.

Date of Application: March 3, 2015 Date Reissued: December 19, 2018

Date of Issuance: May 23, 2016 Date Amended:

By Direction of the Administrator

Signature

Todd Dixon

Title: Manager, Denver ACO Branch

Compliance and Airworthiness Division

Any alteration of this certificate is punishable by a fine of not exceeding \$1,000, or imprisonment not exceeding 3 years, or both. This certificate may be transferred or made available to third persons by licensing agreements in accordance with 14 CFR 21.47. Possession of this Supplemental Type Certificate (STC) document by persons other than the STC holder does not constitute rights to the design data nor to alter an aircraft, aircraft engine, or propeller. The STC's supporting documentation (drawings, instructions, specifications, flight manual supplements, etc.) is the property of the STC holder. An STC holder who allows a person to use the STC to alter an aircraft, aircraft engine, or propeller must provide that person with written permission acceptable to the FAA. (Ref. 14 CFR 21.120).

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INSTRUCTIONS: The transfer endorsement below may be used to notify the appropriate FAA Aircraft Certification Office of the transfer of this Supplemental Type Certificate. The FAA will reissue the certificate in the name of the transferee and forward it to him.

Transfer Endorsement

Transfer the ownership of Supplemental Type Certificate Number:

To (Name and address of transferee)	
From (Name and address of grantor)	
Extent of Authority (if licensing agreement):	
	Date of transfer:
	Signature of grantor:

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Limitations and Conditions (cont'd)

- 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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