



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

Number: SR00847DE

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 therefore as specified hereon meets the airworthiness requirements of Part 29 of the Federal Aviation Regulations.

Original Product – Type Certificate Number: H1NE
Make: Sikorsky
Model: S-76B, S-76C

Description of Type Design Change:

Replacement of Honeywell (formerly Sperry) ED-800 cathode ray tube (CRT) display, part number (p/n) 7003110-901/-902, with Esterline CMC Electronics CMA-6800 multi-purpose liquid crystal display (LCD), p/n 100-604045-001/-002, respectively, in accordance with Peregrine *Master Drawing List*, E-DI-16-0002, Rev. A, dated October 20, 2016, or later FAA-approved revision.

Limitations and Conditions:

1. The installation must not be incorporated in any aircraft unless the installer determines this design change is compatible with previously approved modifications and will not introduce any adverse effect upon the airworthiness of the aircraft.
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: April 26, 2016 *Date Reissued:* January 4, 2017, January 30, 2017
Date of Issuance: December 27, 2016 *Date Amended:*

By Direction of the Administrator

Signature _____
Todd Dixon
Title: Manager, Denver Aircraft Certification Office
Northwest Mountain Region

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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Supplemental Type Certificate

(Continuation Sheet)

Number: SR00847DE

Date of Issuance: December 27, 2016

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: _____

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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Supplemental Type Certificate

(Continuation Sheet)

Number: SR00847DE

Date of Issuance: December 27, 2016

Limitations and Conditions (continued):

3. The rotorcraft flight manual supplement identified below must be maintained onboard the modified aircraft:
 - a. *FAA Approved Rotorcraft Flight Manual Supplement to the Sikorsky S-76 Model _____ Rotorcraft Flight Manual for the Installation of CMA-6800 Electronic Display. Rotorcraft Serial Number _____ Rotorcraft Registration Number _____ E-DI-16-0009, Rev. IR dated November 8, 2016, approved by Jim Plackis, DERT-955087-NE, and accepted by the FAA.*
4. This STC is limited to installations in which the CMA-6800 electronic display is replacing an approved installation of the Honeywell ED-800 CRT display.
5. The CMA 6800 electronic display must be installed in the following configurations:
 - a. As a replacement for any single ED-800 CRT display on the pilot or co-pilot electronic attitude direction indicator (EADI) and 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 ED-800 CRT displays in both the pilot and co-pilot positions for the EADI and EHSI.
6. When the CMA-6800 electronic display is installed for use as an EADI, an Esterline CMC Electronic slip indicator/inclinometer must be installed.
 - a. Slip Indicator/Inclinometer Kit p/n 241-601240-001 is installed with CMA-6800 p/n 100-604045-001.
 - b. Slip Indicator/Inclinometer Kit p/n 241-601240-002 is installed with CMA-6800 p/n 100-604045-002.
7. A copy of this certificate, its continuation sheet, and the approved rotorcraft flight manual supplement per item number 3 above, must be maintained as part of the permanent records of the modified aircraft.
8. If the 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.

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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).
