

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

Number ST00682WI-D

This certificate, issued to Rockwell Collins, Inc.
400 Collins Road NE, MS 164-100
Cedar Rapids, IA 52498

*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 * of the * Regulations.*

Original Product - Type Certificate Number :* *See attached FAA Approved Model List (AML)
Make : * No. ST00682WI-D for list of approved airplane models
Model : * and applicable airworthiness regulations.

Description of Type Design Change: Modification of Collins VHF-20/VHF-20A/VHF-20B VHF COMM Receiver Transmitter with CTL-20 Control Pro Line I System Installation to a Collins VHF-22C/VHF-22D VHF COMM Receiver Transmitter with CTL-22C Control 8.33 kHz Pro Line II System Installation in accordance with Collins Installation Instructions as listed on AML No. ST00682WI-D, Revision -, or later FAA approved revisions.

Limitations and Conditions: (1) Approval of this change in type design applies to the above model aircraft only. (2) Compatibility of this design change with previously approved modifications must be determined by the installer. (3) A copy of this Certificate and FAA Approved Model List (AML) No. ST00682WI-D issued November 17, 1998, or later FAA approved revision, must be maintained as part of the permanent records for the modified aircraft. (4) A VHF-22C unit can be installed to replace an existing VHF-20/VHF-20A/VHF-20B unit. A VHF-22D unit can only be installed to replace an existing VHF-20B unit. (5) 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.

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 : May 22, 1998

Date reissued : May 14, 1999

Date of issuance : November 17, 1998

Date amended :



By direction of the Administrator

(Signature)

Dale R. Koonts

Manager, DAS-3CE

(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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TABLE 1

Collins
Drawing
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Configuration

Airplane Flight
Manual Supplement
(AFMS)