

United States of America
Department of Transportation -- Federal Aviation Administration

Supplemental Type Certificate

Number SA2698CE

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 4b of the Civil Air Regulations.

Original Product - Type Certificate Number : A3WE
Make : Boeing
Model : 727, 727C, 727-100/100C/200/200F

Description of Type Design Change: Installation of Collins Traffic Alert and Collision Avoidance System (TCAS II) in accordance with Sextant P/N 457400KA1300 TA/RA/VSI Indicators or Collins TVI-920 TA/RA/VSI in accordance with: (1) Collins Drawing Index 992-1923-001, as listed on Sheet 2, and (2) Collins Airplane Flight Manual Supplement (AFMS) listed on Sheet 2 or later FAA Approved revisions to (1) or (2).

Limitations and Conditions: (1) Installation of STC SA2693CE, Mode S Transponder, is a prerequisite to this modification. (2) This approval should not be extended to other specific airplanes of these models on which other previously approved modifications are incorporated, unless it is determined by the installer that the interrelationship between this change and any of those other previously approved modifications will introduce no adverse effect upon the airworthiness of that airplane. (3) 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 16, 1990

Date reissued : October 10, 1997

Date of issuance : March 22, 1991

Date amended : August 12, 1992; January 21, 1994;
September 30, 1999



By direction of the Administrator

Dale R. Koonts
(Signature)

Dale R. Koonts

Manager, DAS-3CE

(Title)

United States of America
Department of Transportation - Federal Aviation Administration

Supplemental Type Certificate
(Continuation Sheet)

Number SA2698CE
(Continued)

Airplane Flight
Manual Supplement
(AFMS)

Applicable to:

Airplane Flight
Manual Supplement
(AFMS) Revision Level

ACC-90-207

TCAS II with Sextant 457400KA1300
TA/RA/VSI Indicators
(Drawing Index 992-1923-001, Revision B,
dated July 24, 1992, to Revision D, dated
March 5, 1993)

No revision dated
March 22, 1991, to
Revision C, dated April
5, 1993

TCAS II (Version 6.04A) with Sextant
457400KA1300 TA/RA/VSI Indicators
(Drawing Index 992-1923-001, Revision E
to Revision H, dated February 15, 1999)

Revision D, dated
January 21, 1994

ACC-99-037

TCAS II (Version 7.0) with Sextant
457400KA1300 TA/RA/VSI Indicators
(Drawing Index 992-1923-001, Revision H,
dated February 15, 1999)

No Revision, dated
September 30, 1999

ACC-92-100

TCAS II with Collins TVI-920 TA/RA/VSI
Indicators (Drawing Index 992-1923-001,
Revision B, dated July 24, 1992, to
Revision D, dated March 5, 1993)

No revision dated
August 12, 1992, to
Revision A, dated April
5, 1993

TCAS II (Version 6.04A) with Collins
TVI-920 TA/RA/VSI Indicators
(Drawing Index 992-1923-001, Revision E
to Revision H, dated February 15, 1999)

Revision B, dated
January 21, 1994

ACC-99-038

TCAS II (Version 7.0) with Collins
TVI-920 TA/RA/VSI Indicators (Drawing
Index 992-1923-001, Revision H, dated
February 15, 1999)

No revision, dated
September 30, 1999