

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

Number SA7975SW

This Certificate issued to RAM Aircraft, Limited Partnership
7505 Karl May Drive
Waco, TX 76708

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 23 of the Federal Aviation Regulations.

Original Product Type Certificate Number : 3A25
Make: Cessna
Model: 335, 340, 340A

Description of Type Design Change:

Option 1: Install Vortex Generators on vertical stabilizer in accordance with RAM Drawing No. 1474 Rev. B. dated March 4, 1991 or later FAA approved revision.
Option 2: Same as Option 1 except no change in airspeeds; Supplemental Flight Manual not required. Option 3: Install vortex generators on vertical stabilizer and wing top surface in accordance with RAM Drawing No. 1474 Rev. B dated March 4, 1991 or later FAA approved revision. Option 4: Same as Option 3 except no change in airspeeds; Supplemental Flight Manual not required.

Limitations and Conditions:

(See continuation sheet 3 of 4)

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: December 13, 1990

Date reissued: October 08, 2001

Date of issuance: February 27, 1991

Date amended:



By direction of the Administrator

(Signature)
S. Frances Cox, Manager
Special Certification Office,
Southwest Region

(Title)

United States Of America
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Supplemental Type Certificate
(Continuation Sheet)

United States Of America
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Supplemental Type Certificate
(Continuation Sheet)

Number SA7975SW

Date of Issuance: February 27, 1991
Reissuance Date: October 8, 2001

Limitations and Conditions (Continued):

Option 1: Vortex Generator Installation on Vertical Stabilizer Only.

- A) Standard 335, 340 and 340A - FAA Approved Supplemental Flight Manual No. FM1001 dated April 2, 1991, is required. Compatibility of this modification with other previously approved modifications must be determined by the installer. 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.
- B) 340 and 340A Increased Gross Weight - This modification (STC SA7975SW) has been found to be compatible with STC SA7382SW and SA7365SW. Combined FAA Approved Supplemental Flight Manual No. FM1002 dated April 2, 1991, is required.
- C) 340 and 340A Increased Gross Weight and Horsepower - This modification (STC SA7975SW) has been found to be compatible with STC SA2346SW and SA4241SW. Combined FAA Approved Supplemental Flight Manual No. FM1003 dated April 2, 1991, is required.

Note: Compatibility of the combined modifications listed above with future revisions to either STC must be determined by the installer. Compatibility of the combined modifications with other previously approved modifications must be determined by the installer. 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.

Option 2: Vortex Generator Installation on Vertical Stabilizer Only. No change in airspeed markings; Supplemental Flight Manual not required.

Aircraft installation effectivity is the same as listed in Option 1 above.

Option 3: Vortex Generator Installation on Vertical Stabilizer and Wing Top Surface.

- A) Standard 335, 340, 340A - FAA Approved Supplemental Flight Manual No. FM1004 dated April 2, 1991, is required. Compatibility of this modification with other previously approved modifications must be determined by the installer. 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.
- B) 340 and 340A Increased Gross Weight - This modification (STC SA7975SW) has been found to be compatible with STC SA7382SW and SA7365SW. Combined FAA Approved Supplemental Flight Manual No. FM1005 dated April 2, 1991, is required.

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Date of Issuance: February 27, 1991

Reissuance Date: October 8, 2001

Limitations and Conditions (Continued):

- C) 340 and 340A Increased Gross Weight and Horsepower - This modification (STC SA7975SW) has been found to be compatible with STC SA2346SW and SA4241SW. Combined FAA Approved Supplemental Flight Manual No. FM1006 dated April 2, 1991, is required.

Note: Compatibility of the combined modifications listed above with future revisions to either STC must be determined by the installer. Compatibility of the combined modifications with other previously approved modifications must be determined by the installer. 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.

Option 4: Vortex Generator Installation on Vertical Stabilizer and Wing Top Surface. No change in airspeed Markings; Supplemental Flight Manual not required.

Aircraft installation effectivity is the same as listed in Option 3 above.

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