

Department of Transportation—Federal Aviation Administration

Supplemental Type Certificate

Number ST00553SE

This certificate, issued to **Raisbeck Commercial Air Group, Inc.
4411 South Ryan Way
Seattle, WA 98178**

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: 727-100 and 727-200

Description of the Type Design Change: Incorporation of the Raisbeck Commercial Air Group inlet acoustical treatment and associated structure on certain engine nose cowls on Boeing 727 airplanes accomplished in accordance with Raisbeck Commercial Air Group Master Drawing List 97B54001, Revision C, dated August 21, 1998, or later FAA approved revision.

Limitations and Conditions: Approval of this change in type design applies specifically to the airplane models listed above. This modification shall not be installed on any aircraft on which other previously approved modifications are incorporated unless it is determined by the installer that the relationship between this change and any of these other previously approved modifications, including changes in type design, will introduce no adverse effects upon the airworthiness of that aircraft, nor change the certification status under Part 36. Modified aircraft shall be operated in accordance with the appropriate FAA approved Airplane Flight Manual. A copy of this certificate must be maintained as part of the permanent records for the modified aircraft.

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.

(See Continuation Sheet Page 3 for additional Limitations and Conditions)

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: January 5, 1998

Date reissued:

Date of issuance: August 18, 1998

Date amended: November 10, 1998



By direction of the Administrator

J. A. [Signature]
(Signature)

Acting Manager, Seattle Aircraft
Certification Office

(Title)

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 in accordance with FAR 21.47

Supplemental Type Certificate

(Continuation Sheet)

Number ST00553SE

Issued to: Raisbeck Commercial Air Group, Inc.

Revised: November 10, 1998

Limitations and Conditions: (continued)

Applicability of the Change:

The Raisbeck Commercial Air Group (RCAG) modification consists of a redesigned inlet acoustical treatment plus associated structural components. The installation of this modification must be accomplished in accordance with the master drawing list cited in page 1 of this certificate.

This change is applicable to Boeing 727-100 and 727-200 series aircraft utilizing Boeing engine nose cowls, part numbers 65-19865-475, 65-19865-476, 65-19685-4015, 65-19685-4016, 65-19685-1, and 65-19685-2; these part numbers are referred to as "Stage 1 Inlet". After the RCAG modification is incorporated on the above engine nose cowls, these engine nose cowls are acoustically equivalent to the Boeing engine nose cowls, part numbers:

65-19685-4141, 65-19685-4142, 65-19685-4355, 65-19685-4356,
65-19685-4539, 65-19685-4540, 65-19685-4331, 65-19685-4332,
65-19685-4377, 65-19685-4378, 65-19685-4541, 65-19685-4542,
65-19685-4579, 65-19685-4580, 65-85450-1, and 65-85450-2

These part numbers are referred to as "Stage 2" Quiet Nacelle Inlets.

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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.