United States of America

Department of Transportation—Federal Aviation Administration

Supplemental Type Certificate

Number SA4171NM

This certificate, issued to Horizon Air Industries, Inc.
5551 NE. Cornfoot Road
Portland, Oregon 97218

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: 7A1
Make: Fairchild
Model: F27

Description of Type Design Change: Installation of a Bendix RDR-160/IN152A Weather Radar System in accordance with FAA approved Horizon E.O. #27-34-10-03, Revision "E", dated February 24, 1988, or later FAA approved revisions.

Limitations and Conditions: This change in type design applies to the Fairchild F27 aircraft, serial numbers 011, 014, 027, 048, 065, 070, 078, 079, 112, 116, 119 and 128 only. A copy of this certificate and the FAA approved Horizon E.O. must be kept in the permanent records of the modified aircraft. A copy of the Bendix Operator's Manual must be carried onboard each modified aircraft.

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 14, 1987

Date of issuance: March 4, 1988

Date reissued:

Date amended:

By direction of the Administrator

D. L. Riggin
(Signature)

Manager, Seattle Aircraft
Certification Office, ANM-100S
(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.

FAA Form 8110-2 (10-68)