ST23054L

United States of America

Department of Transportation—Federal Aviation Administration

Supplemental Type Certificate

Number SA89GL

This certificate, issued to Northwest Airlines, Inc.
Minneapolis/St. Paul International Airport
St. Paul, Minnesota 55111

certifies that the change in the type design for the following product with the limitations and conditions thereto as specified hereon meets the airworthiness requirements of Part 4b *of the* Civil Air *Regulations.* See Type Certificate Data Sheet A3WE for complete certification basis.

Original Product—Type Certificate Number: A3WE
Make: Boeing
Model: 727-14, -51, -51C, -151C, -2B7, -227, -251

Description of Type Design Change:

Installation of Bendix GPW-83 Ground Proximity Warning System in accordance with Northwest Airlines, Inc. Engineering Order 4-34-38795 Section 1 Revision P and Section 2 Revision G or subsequent FAA approved revisions.

Limitations and Conditions:

The approval of this equipment installation should not be extended to other aircraft of this model 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 operation of this system. FAA Approved Flight Manual Supplement dated September 29, 1975 is required for Boeing 727-51, -51C, -151C,

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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: April 16, 1975 *Date reissued:*

Date of issuance: September 29, 1975 *Date amended:* December 17, 1982, May 10, 1983, July 21, 1983

By direction of the Administrator

[redacted]

for W. F. Horn *(Signature)*
Manager, Chicago Aircraft Certification Office
Central Region, ACE-115C
(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)

United States of America

Department of Transportation—Federal Aviation Administration

Supplemental Type Certificate

(Continuation Sheet)

Number SA89GL

July 21, 1983

Limitations and Conditions: (Cont.)

and -251 airplanes. FAA Approved Flight Manual Supplement dated December 17, 1982 is required for Boeing 727-227 airplanes. FAA Approved Flight Manual Supplement dated May 10, 1983 is required for Boeing 727-14 airplanes. FAA Approved Flight Manual Supplement dated July 21, 1983 is required for Boeing 727-2B7 airplanes.

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