United States of America

Department of Transportation — Federal Aviation Administration

Supplemental Type Certificate

SURRENDERED

Number SA4140NM

This certificate, issued to Alaska Airlines

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 25 *of the* Federal Aviation *Regulations.*

Original Product — Type Certificate Number: A3WE
Make: Boeing
Model: 727-200

Description of Type Design Change: Installation of a Racal 5000 Radio Navigation System as a dual DME, dual VOR, Inertial RNAV System, in accordance with the Alaska Airlines E.O. 3-34-60-374, Rev. E and Alaska Airlines E.O. 3-34-00-384, original revision. This Model 5000 installation is approved in an inoperative status only.

Limitations and Conditions: The approval of this change applies to the aircraft model 727-200 S/N 21458 only and should not be extended to other specific models of these airplanes on which other previously approved modifications are incorporated unless it is determined that the interrelationship between this change and any of those previously approved modifications will introduce no adverse effect upon the airworthiness of that airplane. A copy of this Certificate shall be maintained as part of permanent records for this 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: February 20, 1987

Date of issuance: November 3, 1987

Date reissued:

Date amended:

By direction of the Administrator

D. L. Rieger
(Signature)

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.

FAA Form 8110-2 (10-68)

Surrendered STC file located on shelf with STC binders.

Pamela Reckamp
05/21/2004 08:21 AM

To: Connie Fruits/AMC/FAA@FAA
cc:
Subject: Surrendered STC's

Sorry, my name and phone number were left off the first message. Here you go again!

Pamela Reckamp, Secretary
ANM-140S, (425) 917-6512
----- Forwarded by Pamela Reckamp/ANM/FAA on 05/21/2004 08:19 AM -----

Pamela Reckamp
05/21/2004 08:18 AM

To: Connie Fruits/AMC/FAA@FAA
cc:
Subject: Surrendered STC's

Hi Connie,

Thanks for returning my phone call. The 30 STC's that have been surrendered by Alaska Airlines are shown below. They were surrendered by letter dated December 5, 2002.

SA4364NM	MD-80 Install Lermer Meal & Beverage Cart in Nordskog Galleys
SA4358NM	MD-80 Installation of Auxiliary Galley
SA2245WE	B-727 Interior Installation Arrangement Modification
SA2280WE	B-727-90C Installation of Interior Configuration
SA2322WE	B-727 Installation of Gravel Deflector Equipment
SA19NM	B-727-90C & -155C Installation of Cabin Interior
SA2080NM	B-727-90C Navigation-installation of CAT II Qualified Equipment
SA129NW	B-727 Installation of Cabin Interior
SA139NW	B-727-90C & -155C Install Coffee Bar in 4 Pallet/48 Pax Config.
SA264NW	B-727-21 Install KME Garmet Module "Wide Look" Interior
SA327NW	B-727-90C Cargo Pallets/Pax Cabin Interior Configuration
SA1240NW	B-727-200 Installation of Interior Arrangements
SA5165NM	B-727-212 Installation of Life Rafts
SA5162NM	B-727-212 Installation of 2nd Racal 5000 Radio Navigation Sys.
SA1239NW	B-727-212 Installation of Sperry VG-311 Vertical Gyros
SA2187NM	B-727-200 SIADS/HAROWE Performance Command System
SA4174BN	B-727-200 Installation of Racal 5000 radio navigation
SA4163NM	B-727-200 Installation of a Racal 5000 Radio Navigation System
SA4140NM	B-727-200 Installation of a Racal 5000 Radio Navigation System
*SA1274WE	L-382B Triple Seat/Bunk
*SA417EA-D	30A Installation of Mount Bracket & Adapter Harness for FDR
*SA1429WE	Installation of Sell-Haus Galley Units
*SA310NW	B-727-155C Interior Configuration
*SA 303NW	B-727-27 12 First Class/92 Economy Interior Configuration
SA2272WE	727-90C Installation of Interior Configuration
*SA889WE	L-382 Install Fuel Tanks for Transporting Fuel to North Slopes
*SA2460WE	L-382B Install Independent Landing Monitor System
*SA1824WE	4A30 Convair Interior Configuration
*SA1940WE	727-14 Interior Configuration
*SA2044WE	727-14 Interior Configuration

*Original STC certificate, or a copy were no longer in Alaska Airlines possession. They submitted an affidavit of loss for these.