

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

Number SA2119SW-AC

This certificate, issued to Aviation Standards National Field Office
6500 S. MacArthur Blvd.
Oklahoma City, OK 73125

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 Co.
Model: 727-30

Description of Type Design Change: Replace existing Litton LTN-58 inertial navigation system with Honeywell YG 1854 LASEREF SM inertial navigation system and replace Arma/Ambac navigation computer unit with Gull Electronics navigation computer unit P/N 367-049-001.

This alteration is in accordance with Data List Boeing 727-30 dated 10/10/89 or later FAA approved revisions.

Limitations and Conditions: FAA approved Flight Manual Supplement No. SA2119SW-AC, Honeywell LASEREF Special Mission (SM) Inertial Reference System (IRS) and Gull Inc. RNAV system dated November 3, 1989 is required. Compatibility of this alteration with other previously approved alterations must be determined by the installer.

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: 9/6/89

Date issued:

Date of issuance: 11/3/89

Date amended:



By direction of the Administrator

DR Seffern
(Signature)

Alterations Approval Staff,
Engineering Coordinator

(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.