United States of America

Department of Transportation—Federal Aviation Administration

Supplemental Type Certificate

Number SA1178EA

This certificate, issued to Arnav Systems, Inc.

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 3 *of the* Civil Air *Regulations.*

Original Product—Type Certificate Number: 1A15

Make: Piper

Model: PA-24-250, PA-24-260 with fuel-injected normally-aspirated engine.

Description of Type Design Change: Installation of Silver Instruments Fueltron IG, IP, or Fuelgard digital fuel flow indicating system in accordance with FAA approved Silver Instruments Master Drawing List A01713 "A", or later FAA approved revision.

Original equipment press-type fuel flow gauge must remain in instrument panel with this installation.

Limitations and Conditions: Approval of this change in type design applies basically to the above model aircraft only. This approval should not be extended to other aircraft of this model on which other previously approved modifications are incorporated unless it is determined that the relationship between this change and any of those other previously approved modifications will introduce no adverse effect upon the airworthiness of that aircraft. A copy of this Certificate, and FAA Approved Silver Instruments Airplane Flight Manual Supplement S160 (required with Fueltron installation only,) dated October 15, 1980, or later FAA Approved revision, must be maintained as part of the permanent records for the 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: June 28, 1979

Date of issuance: December 11, 1979

Date reissued: April 2, 1981; April 29, 1991

Date amended: October 15, 1980; March 4, 1981
April 29, 1991

By direction of the Administrator

(Signature)

Manager, Aircraft Modification Branch
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)