

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

Number SA4-915

This Certificate issued to J. L. OSBORNE
8399 Poytt Road
Lake in The Hills, IL 60156

certifies that the change in the type design for the following product with the limitations and conditions therefore as specified hereon meets the airworthiness requirements of Part 3 of the Civil Air Regulations.

Original Product Type Certificate Number: A-782

Make: Navion Aircraft Company

Model: Navion Series*

Description of Type Design Change: Installation of Brittain Mark II 20 gallon wing tip tanks (P/N 2009) in accordance with Installation Manual TT2-1, dated November 21, 1959, or later FAA approved revisions.

Brittain Aircraft Enterprises FAA Approved Airplane Flight Manual Supplement dated March 2, 1983, lists applicable eligible aircraft models and approved maximum weights for each model. Drawings needed to manufacture parts required for this modification are Nos. 2008 (N/C and 2009 (Rev. E) and EOs #2-002 , #2-003.

Limitations and Conditions: The approval of this change in type design applied basically to Standard Navion(s) A,B,D,E,F 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 by the installer that the interrelationship between this change and any of those other previously approved modifications will introduce no adverse effect upon the airworthiness of that aircraft. If the holder agrees to permit another person to use this certificate to alter the product, the holder shall give the other person written evidence of that permission. (Continued on Page 3)

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: July 24, 1958

Date reissued: Nov. 10, 1969, Aug. 17, 1987,
Feb. 2, 1971, March 1, 2016

Date of issuance: September 10, 1959

Date amended: Jan. 4, 1960, April 14, 1983,
May 14, 1984

By direction of the Administrator



(Signature)

Steven Bogucki, Supervisor (Acting)
Technical & Administrative Support Staff
Los Angeles 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.

Supplemental Type Certificate

(Continuation Sheet)

Number SA4-915

Limitations and Conditions (continued)

When tip tanks are installed in accordance with technical data referenced on this Supplemental Type Certificate the gross weight limitation of each model aircraft is governed by the horsepower on the power plant as follows:

Model	Power Plant Horsepower	Empty Tip Tanks	Full Tip Tanks
Navion	185	2750	2750
Navion A	205	2850	2850
Navion A	225	2850	3000
Navion B	260	2860	3100
Navion D	240	2860	3100
Navion E	250	2860	3100
Navion F	260	2860	3100

*Navion Model A aircraft with approved engine installations of 240 horsepower or greater, are eligible for 3100 lbs. gross weight when tip tanks are installed in accordance with these noted data.

- (I) 9/10/59
- (A) 1/4/60
- (R) 11/10/69
- (R) 2/2/71
- (A) 4/14/83
- (A) 5/14/84
- (R) 8/17/87
- (R) 3/1/16

-END-

Any alteration of this certificate is punishable by a fine of not exceeding \$1,000, or imprisonment not exceeding 3 years, or both.
