

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

Number SA703GL

This certificate issued to

Penn Yan Aero
2499 Bath Road
Penn Yan, NY 14527

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: 3A12
Make: Cessna Aircraft Company
Model: 172I, 172K, 172L, 172M, 172N, 172P

Description of Type Design Change:

Installation of Lycoming O-360-A4A, A4M, or A4N series engine and Sensenich 76EM8SPY propeller in accordance with Penn Yan Aero Service, Inc. Installation Instructions Revision 1, dated June 1, 1999 or later FAA approved instructions. Increase the gross weight of Cessna models 172 I, K, and L to 2500 pounds or increase the gross weight of Cessna 172 M, N, or P to 2550 pounds.

Limitations and Conditions:

- Installation Specifications:

Engine	Lycoming O-360-A4A, A4M, A4N
Fuel	100LL/100 minimum grade aviation gasoline
Engine Limits	For all operations, 2700 R.P.M. (180 HP)
Propeller and Propeller Limits	Sensenich 76EM8SPY Static R.P.M. at maximum permissible Throttle setting Not over 2450, not under 2275 No additional tolerance permitted. Diameter: Not over or under 76"

(See Continuation Sheet 2)

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 11, 1983

Date reissued : September 29, 1983, April 6, 1990
November 1, 2005

Date of issuance : August 24, 1983

Date amended : May 25, 1984, June 4, 1985, June 27,
1985, September 11, 1989, October 10, 1990, April 20, 1994,
June 1, 1999



By direction of the Administrator

(Signature)

Anthony Socias
Manager
New York Aircraft Certification Office

