

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

**Number SA2045CE**

*This certificate issued to:* Petersen Aviation, Inc.  
Route 1, P.O. Box 18  
Minden, NE 68959

*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 :* A-777  
*Make :* Beech  
*Model :* 35, A35, B35, C35, D35, E35, F35, G35 and 35R

*Description of Type Design Change:*

Operation of airplane on unleaded automotive gasoline, 87 minimum antiknock index and leaded automotive gasoline, 88 minimum antiknock index (RON + MON)/2 per ASTM Specification D-439. Intermixing with aviation gasoline also approved. Data Required: (1) Petersen Drawing U674904 dated August 10, 1984, revised November 9, 1984, or later "FAA Approved" revision; and (2) Airplane Flight Manual Supplement dated September 25, 1984, revised November 9, 1984, or later "FAA Approved" revision.

*Limitations and Conditions:*

Limited to those airplanes equipped with TCM E-185-( ), E-225-( ) and I0-470-J or K series engines certificated (original or STC) or FAA Field Approved engine installations, modified in accordance with STC SE2016CE, SE2033CE or SE2034CE. This approval should not be extended to other specific airplanes of these models on which other previously approved modifications are incorporated, unless it is determined that the interrelationship between this change and any of those other previously approved modifications will introduce no adverse effect upon the airworthiness of that airplane. 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.

*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 :* May 25, 1984  
*Date of issuance :* December 7, 1984

*Date reissued :*  
*Date amended :* May 10, 2004



*By direction of the Administrator*

Original signed by

\_\_\_\_\_  
(Signature)

Joel M. Ligon  
Program Manager  
Wichita Aircraft Certification Office  
\_\_\_\_\_  
(Title)