

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

*Number* SA01185CH

*This certificate issued to* Wipaire Inc.  
1700 Henry Ave  
South Saint Paul, MN 55075

*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 23 of the Federal Aviation Regulations.* (See Type Certificate Data Sheet No. A4CE for complete certification basis)

*Original Product - - Type Certificate Number :* A4CE  
*Make :* Cessna  
*Model :* 206; 206H; P206; P206A; P206B; P206C; P206D; P206E; T206H; TP206A; TP206B; TP206C; TP206D; TP206E; TU206A; TU206B; TU206C; TU206D; TU206E; TU206F; TU206G; U206; U206A; U206B; U206C; U206D; U206E; U206F; U206G

*Description of Type Design Change:*

1. For Models 206H and T206H: Installation of Wipaire Model 3450 Amphibian/Seaplane Floats and Hartzell Propeller Model HC-F3YR-1RF/F8468A-2R, in accordance with Wipaire, Inc. Installation Drawing No. 12D1-7330, No Revision, dated October 28, 1999, or later FAA approved revisions.
2. For all other Models: Installation of Wipaire Model 3450 Amphibian/Seaplane Floats in accordance with Wipaire, Inc. Installation Drawing No. 12D1-7370, No Revision, dated April 20, 2000, or later FAA approved revisions.

*Limitations and Conditions:*

1. The Installer must determine whether this design change is compatible with previously approved modifications.
2. For Models U206F and U206G, Teledyne Continental Motors IO-550-F engine with McCauley D3A34C402/90DFA-10 propeller is an approved option when installed as per STC SA1482GL. Propeller diameter is to be 80 inches.  
(See continuation sheet 3 of 6)

*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 07, 2000

*Date reissued :*

*Date of issuance :* February 25, 2000

*Date amended :* September 12, 2000; May 30, 2003; August 07, 2009



*By direction of the Administrator*

**Original signed by:**  
**Gregory J. Michalik**

(Signature)

Gregory J. Michalik, Senior Aerospace Engineer  
Airframe & Administrative Branch  
Chicago Aircraft Certification Office

(Title)

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**Supplemental Type Certificate**  
(Continuation Sheet)

*Number*

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Date of Issuance: February 25, 2000

Date Amended: August 07, 2009

*Limitations and Conditions* (Continued):

3. For aircraft Models U206B, U206C, U206D, U206E, U206F, and U206G, the following engine/propeller/spinner combination is an approved option when installed per STC SA1482GL: Teledyne Continental Motors Engine Model IO-550-F and Hartzell Model PHC-J3YF-1RF/F8468A-6R, -8R, or PHC-C3yF-1RF/F8468A-6R, -8R propeller, and Hartzell Model C4582-P spinner.

4. For aircraft equipped with Teledyne Continental Motors Engine Model IO-520-A, or -F, the following propeller/spinner combinations are approved options when installed per STC SA397CH:

a. Hartzell Propeller Model PHC-J3YF-1RF/F8468A-6R, -8R, and Hartzell C4582-() spinner.

b. Hartzell Propeller Model PHC-C3YF-1RF/F8468A-6R, -8R, and Hartzell A2295-1() spinner.

5. For aircraft Model TU206F, Teledyne Continental Motors Engine Model TSIO-520-M and McCauley Propeller Model D3A34C402/90DFA-10 is an approved option when installed as per STC SA1588GL.

6. For Models U206F and U206G (both with STC SA1482GL installed) and Model TU206F (with STC SA1588GL installed) and TU206G:

|                     |  |          |
|---------------------|--|----------|
| a. AIRSPEED LIMITS: | Never Exceed ( $V_{NE}$ )                | 158 KIAS |
|                     | Maximum Structural Cruising ( $V_{NO}$ ) | 142 KIAS |
|                     | Maneuvering ( $V_A$ ) at 3800 lbs.       | 121 KIAS |
|                     | at 3000 lbs.                             | 114 KIAS |
|                     | at 2500 lbs.                             | 104 KIAS |

b. MAXIMUM WEIGHT: 3800 lbs. (S/N U20601701 through U20604649)  
3792 lbs. (S/N U20604650 and up).

c. C.G. RANGE: S/N U20601701 through U20604649  
(+34.0) to (+47.4) at 2600 lbs. or less.  
(+40.0) to (+47.4) at 3800 lbs.  
Straight line variation between points given.

S/N U20604650 and up  
(+34.0) to (+47.4) at 2600 lbs. or less.  
(+39.7) to (+47.4) at 3792 lbs.  
Straight line variation between points given.





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*Limitations and Conditions* (Continued):

14. For all other Models, the appropriate FAA Approved Airplane Flight Manual/Pilot's Operating Handbook Supplement, dated August 21, 2000, or a later FAA approved revision, is required.

15. If the holder agrees to permit another person to use this certificate to alter the product, the holder must give the other person written evidence of that permission.

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