

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

*Number* **SA00152WI**

*This certificate issued to:*

Air Planes Services Corp.  
439 N. W. Road  
Wellington, KS 67152

*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:* 3A13

*Make:* Cessna

*Model:* 182H, 182J, 182K, 182L, 182M, 182N, 182P, 182Q, 182R

*Description of Type Design Change:*

- 1) Installation of Continental IO-520-D engine and Hartzell PHC-L3YF-1RF/F7691 propeller in accordance with Drawing List No. 1821 dated April 15, 1994, or later "FAA Approved" revisions. OR
  - 2) Installation of Continental IO-550-D engine and Hartzell PHC-L3YF-1RF/F7691 or PHC-G3YF-1RF/F8468A()-6R propeller in accordance with Drawing List No. 1821 Revision 2 dated May 31, 1996, or later "FAA Approved" revisions.
- \*\* See continuation sheet for required flight manual supplement.\*\*

*Limitations and Conditions:*

- 1) Approval of this change in type design applies to the above model airplane(s) only.
- 2) This approval should not be extended to airplane(s) of this model on which other previously approved modifications are incorporated unless it is determined that the relationship between this change and any other previously approved modifications, including changes in type design, will introduce no adverse effect upon the airworthiness of that airplane.
- 3) Compatibility of this design change with previously approved modifications must be determined by the installer.
- 4) 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.
- 5) This STC has been evaluated and found to be compatible when installed on aircraft equipped with a Continental IO-550-D engine and Hartzell PHC-L3YF-1RF/F7691 or PHC-G3YF-1RF/F8468A()-6R propeller and Wipline, Inc. Model 3000 amphibian/seaplane floats in accordance with STC SA01156CH for Models 182 P, Q and R.

*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:* September 29, 1992

*Date reissued:*

*Date of issuance:* April 15, 1994

*Date amended:* June 7, 1994; April 7, 1995; April 10, 1995; June 20, 1996; August 30, 1996; April 1, 2011



*By direction of the Administrator*

*Original signed by Steven C. Litke*

(Signature)

Steven C. Litke  
FAA Program Manager  
Wichita 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.

United States of America  
 Department of Transportation -- Federal Aviation Administration

# Supplemental Type Certificate

## (Continuation Sheet)

*Number* SA0152WI

Date of Issuance: April 15, 1994  
 Date Amended: June 7, 1994; April 7, 1995; April 10, 1995;  
 June 20, 1996; August 30, 1996; April 1, 2011

*Description of Type Design Change* (continued):

<b>ENGINE</b>	IO-520-D		
<b>PROPELLER</b>	Hartzell PHC-L3YF-1RF/F7691		
<b>MDL</b>			
1821	April 15, 1994		
<b>Model</b>	<b>Serial Numbers</b>	<b>AFMS/SAFM</b>	<b>Original Date</b>
182H, J, K, L, M	18255845 – 18260055	SAFM 182048	4/10/1995
182N	18260056 – 18260825	SAFM 182046	5/26/1995
182P	18260826 – 18261425	SAFM 182045	2/20/1995
182P	18261426 – 18264295 Except 18263479	SAFM 182043	4/15/1994
182P, Q	18263479 & 18264296 – 18266590	SAFM 182042	4/15/1994
182Q	18266591 – 18267715 Except 18267302	AFMS 182041	4/15/1994
182R	18267302 & 18267716 – 18268586	AFMS 182044	6/7/1994

<b>ENGINE</b>	IO-550-D		
<b>PROPELLER</b>	Hartzell PHC-L3YF-1RF/F7691 or Hartzell PHC-G3YF-1RF/F8468A()-6R		
<b>MDL</b>			
1821, Rev 2	May 31, 1996		
<b>Model</b>	<b>Serial Numbers</b>	<b>AFMS/SAFM</b>	<b>Original Date</b>
182H, J, K, L, M	18255845 – 18260055	SAFM 182058	6/13/1996
182N	18260056 – 18260825	SAFM 182056	6/13/1996
182P	18260826 – 18261425	SAFM 182055	6/13/1996
182P	18261426 – 18264295 Except 18263479	SAFM 182053	6/13/1996
182P, Q	18263479 & 18264296 – 18266590	SAFM 182052	6/13/1996
182Q	18266591 – 18267715 Except 18267302	AFMS 182051	6/13/1996
182R	18267302 & 18267716 – 18268586	AFMS 182054	6/13/1996

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