

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

# Supplemental Type Certificate

*Number* SA02717NY

*This certificate issued to* VoiceFlight Systems LLC  
1223 Peoples Avenue  
Troy, NY 12180

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

*Original Product -- Type Certificate Number:* 3A13

*Make:* Cessna Aircraft Company

*Model:* 182, 182A, 182B, 182C, 182D, 182E, 182F, 182G, 182H, 182J,  
182K, 182L, 182M, 182N, 182P, 182Q, 182R, 182S, 182T, R182,  
T182, TR182, T182T

*Description of Type Design Change:*

Installation of VoiceFlight Systems LLC VFS101 Speech Recognition Module in accordance with VoiceFlight Systems LLC VFS101 Assembly with Software Installed, document no. VFS101-AS001-B, revision B, dated May 27, 2009 and VoiceFlight Systems LLC VFS101 Installation Instructions, document no. VFS101-INSISTR, revision G, dated May 27, 2009.

*Limitations and Conditions:*

1. VoiceFlight Systems LLC Instructions for Continued Airworthiness, VFS101-ICA, revision F, dated June 10, 2009, is required for this installation.
2. VoiceFlight Systems LLC VFS101 Pilot's Guide, VFS101-PMAN, revision D, dated July 20, 2009 is required for this installation.
3. The VFS101 must interface with an existing Garmin GNS 430, main software version 5.03 or Garmin GNS 530, main software version 6.03. The installation of the Garmin 430/530 is not approved by this STC.
4. Acceptable GPS installations are limited to a single Garmin 430, dual Garmin 430s, single Garmin 530, dual Garmin 530s, or a single Garmin 430 plus a single Garmin 530.

(See Continuation Sheet 2 of 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:* November 21, 2006

*Date reissued:*

*Date of issuance:* July 21, 2009

*Date amended:*



*By direction of the Administrator*

*Anthony J. Socias*  
\_\_\_\_\_  
(Signature)

FOR Anthony Socias  
Manager  
New York Aircraft Certification Office

\_\_\_\_\_  
(Title)

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**Supplemental Type Certificate**  
(Continuation Sheet)

*Number* SA02717NY

*Limitations and Conditions* (Continued):

5. The VFS101 must interface with an existing Garmin GMA 340 Audio Panel. The installation of the Garmin 340 is not approved by this STC.
6. The installer must determine whether this design change is compatible with previously approved modifications.
7. If the holder agrees to permit another person to use this certificate to alter a product, the holder must give the other person written evidence of that permission.

*Certification Basis:*

The certification basis for the changed Cessna 182 series aircraft as described in this certificate is as follows:

- a. The type certification basis for Cessna 182 series airplanes is shown on TCDS 3A13 for parts not changed or not affected by the change.
- b. The certification basis for parts changed or affected by the change since the reference date of application, November 21, 2006, is as shown on Type Certificate Data Sheet 3A13. In addition, the holder of this certificate has complied with 14 CFR Part 23 as amended by Amendment 23-54.

**The following lists the Federal Aviation Regulations complied with through Amendment Level 23-54**

23.301	23.303	23.305	23.307	23.333	23.337	23.471	23.561	23.601	23.603
23.605	23.609	23.611	23.613	23.619	23.625	23.777	23.853	23.863	23.1182
23.1301	23.1309	23.1357	23.1359	23.1365	23.1367	23.1431	23.1529	23.1585	

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