

United States of America
Department of Transportation -- Federal Aviation Administration
Supplemental Type Certificate
Number SA02717NY

This certificate issued to VoiceFlight Systems LLC
105 Jordan Road
Troy, NY 12180

*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 * of the * Regulations.*

Original Product -- Type Certificate Number: * * See attached FAA Approved Model List (AML), Document No. SA02717NY for the list of approved airplane models and applicable airworthiness regulations.
Make: *
Model: *

Description of Type Design Change:

Configuration 1 (GPS without WAAS):

Installation of VoiceFlight Systems LLC VFS101 Speech Recognition Module in accordance with VoiceFlight Systems VFS101 Master Document List, document no. VFS101-MDL001, revision D, dated February 29, 2012, or later FAA approved revisions.

Configuration 2 (GPS with WAAS):

Installation of VoiceFlight Systems LLC VFS101 Speech Recognition Module in accordance with VoiceFlight Systems VFS101 Master Document List (WAAS), document no. VFS101-MDL002, revision D, dated February 29, 2012, or later FAA approved revisions.

Configuration 3 (GPS with, or without WAAS):

Installation of VoiceFlight Systems LLC VFS101 Speech Recognition Module in accordance with VoiceFlight Systems VFS101 Master Document List, document no. VFS101-MDL003, revision A, dated January 29, 2013, or later FAA approved revisions.

(See Continuation Sheet 2 of 3)

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: November 18, 2010

Date of issuance: July 21, 2009

Date amended: June 27, 2011, January 9, 2012,
January 30, 2013



By direction of the Administrator

A handwritten signature in blue ink, appearing to read "Gaetano Sciortino".
(Signature)

Gaetano Sciortino
Manager
New York 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 SA02717NY

Date Amended: January 30, 2013

Limitations and Conditions:

Configuration 1:

1. VoiceFlight Systems LLC VFS101 Instructions for Continued Airworthiness, VFS101-ICA, revision J, dated December 19, 2011, is required for this installation.
2. VoiceFlight Systems LLC VFS101 Pilot's Guide, VFS101-PMAN, revision F, dated November 10, 2010 is required for this installation.
3. The VFS101 must interface with an existing Garmin GNS 430 or Garmin GNS 530. 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 430, single Garmin 530, dual Garmin 530, or a single Garmin 430 plus a single Garmin 530.
5. The VFS101 must interface with an audio panel with an available un-switched input having a nominal input impedance of no less than 500 Ohms. The installation of the audio panel is not approved by this STC.
6. Installation not approved for aircraft with a Maximum Certificated Gross Takeoff Weight of 6,000 pounds or more.
7. The installer must determine whether this design change is compatible with previously approved modifications.
8. 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.

Configuration 2:

1. VoiceFlight Systems LLC VFS101 (WAAS) Instructions for Continued Airworthiness, VFS101-ICA2, revision D, dated December 19, 2011, is required for this installation.
2. VoiceFlight Systems LLC VFS101 Pilot's Guide (WAAS), VFS101-PMAN2, revision B, dated May 11, 2011 is required for this installation.
3. The VFS101 must interface with an existing Garmin GNS 430W or Garmin GNS 530W. The installation of the Garmin 430W/530W is not approved by this STC.
4. Acceptable GPS installations are limited to a single Garmin 430W, dual Garmin 430W, single Garmin 530W, dual Garmin 530W, or a single Garmin 430W plus a single Garmin 530W.
5. The VFS101 must interface with an audio panel with an available un-switched input having a nominal input impedance of no less than 500 Ohms. The installation of the audio panel is not approved by this STC.
6. Installation not approved for aircraft with a Maximum Certificated Gross Takeoff Weight of 6,000 pounds or more.
7. The installer must determine whether this design change is compatible with previously approved modifications.
8. 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.

Configuration 3:

1. VoiceFlight Systems LLC VFS101 Instructions for Continued Airworthiness, VFS101-ICA3, revision A, dated December 27, 2012, is required for this installation.
2. VoiceFlight Systems LLC VFS101 Pilot's Guide, VFS101-PMAN3, revision A, dated December 18, 2012 is required for this installation.
3. The VFS101 must interface with one or two existing Garmin 400/500 Series (Non-WAAS) GPS units, or with one or two existing Garmin 400W/500W Series (WAAS) GPS units. The installation of the Garmin GPS units is not approved by this STC.
4. The VFS101 must interface with an audio panel with an available un-switched input having a nominal input impedance of no less than 500 Ohms. The installation of the audio panel is not approved by this STC.
5. Installation not approved for aircraft with a Maximum Certificated Gross Takeoff Weight of 6,000 pounds or more.
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.

(See Continuation Sheet 3 of 3)

Any alteration of this certificate is punishable by a fine of not exceeding \$1,000, or imprisonment not exceeding 3 years, or both.

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Date Amended: January 30, 2013

Certification Basis:

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

- a. The type certification basis as shown on the TCDS (see AML, Document No. SA02717NY) for all areas 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 the TCDS (see AML, Document No. SA02717NY). 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 2354

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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