

Department of Transportation - Federal Aviation Administration

# Supplemental Type Certificate

*Number* SH5132NM

*This certificate, issued to*

**Hillsboro Aviation, Inc.  
3845 NE 30th Avenue  
Hillsboro, OR 97124**

*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 7 of the Civil Air Regulations.*  
Effective August 1, 1956

*Original Product—Type Certificate Number:* H1SW  
*Make:* Bell  
*Model:* 205A-1

*Description of the Type Design Change:* Installation of new rotor blades and associated hardware in accordance with Heli-Conversions, Inc. Installation Instructions ANM-100S-1436, Revision B, dated May 18, 1992, or later Federal Aviation Administration (FAA) approved revision.

*Limitations and Conditions:* Approval of this change in type design applies to the above model rotorcraft only. This approval should not be extended to other rotorcraft of this model on which other previously approved modifications are incorporated unless it is determined that the relationship between this change and any of those other previously approved modifications, including changes in type design, will introduce no adverse effect upon the airworthiness of that rotorcraft. A copy of this certificate and Rotorcraft Flight Manual Supplement dated April 22, 1991, or later FAA-approved revision, shall be maintained as part of the permanent records for the modified aircraft.

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.

(See Continuation Sheet Page 3 of 3 Pages)

*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:* March 2, 1990

*Date reissued:* April 12, 2013; June 7, 2016

*Date of issuance:* April 22, 1991

*Date amended:* May 20, 1992



*By direction of the Administrator*

(Signature)

Manager, Seattle 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.**

*This certificate may be transferred in accordance with FAR 21.47.*

# Supplemental Type Certificate

(Continuation Sheet)

*Number* SH5132NM

**Hillsboro Aviation, Inc.**

*Issued:* April 22, 1991

*Reissued:* April 12, 2013; June 7, 2016

*Amended:* May 20, 1992

*Limitations and Conditions continued:*

Speed Limits       $V_{ne}$  = 120 knots up to and including 7,500 lbs. G.W. at sea level  
 $V_{ne}$  = 115 knots from 7,500 lbs. to 8,500 lbs. G.W. at sea level  
 $V_{ne}$  = 110 knots from 8,500 lbs. to 9,500 lbs. G.W. at sea level  
 $V_{ne}$  = 105 knots from 9,500 lbs. to 10,200 lbs. G.W. at sea level  
Velocity decreases 3 knots per 1,000 feet.

C.G. Range      Longitudinal C.G. Limits  
(+136.2) to (+144.8) at 10,200 lbs.  
(+130.0) to (+144.0) at 8,500 lbs  
(+130.0) to (+144.0) at 6,500 lbs  
(+134.0) to (+144.0) at 5,300 lbs  
Straight line variation between points given.

Maximum Weight 10,200 lbs. (See Note 16 of TCDS H1SW for external cargo limitations.)

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