

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

*Number* SH1170SW

*This certificate issued to*

Texas Helicopter Co., Inc.  
780 S. Elmwood Ave.  
Le Sueur, MN 56058

*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 6 of the Civil Air Regulations.*

*Original Product -- Type Certificate Number :* H-1  
*Make :* Bell Helicopter Textron  
*Model :* 47G

*Description of Type Design Change:*

Installation of tail rotor gear box No. 47-640-065-31 and tail rotor hub and blade assembly No. 47-640-071-3, according to UTL Aeronautics Service Instruction No. 18 dated June 22, 1970, or later FAA approved revision.

*Limitations and Conditions:*

Eligible on Bell Model 47G with Franklin 6V4200-C32, 6V335-A, or 6V350-A engines installed.

When Franklin 6V350-A engine is installed, STC SH479SW is required.

The installer must determine whether this design change is compatible with previously approved modifications. 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.

*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 :* May 14, 1970

*Date reissued :* 7/15/94; 4/30/04;  
12/15/10

*Date of issuance :* July 07, 1970

*Date amended :*



*By direction of the Administrator*

\_\_\_\_\_  
(Signature)  
Scott A. Horn, Acting Manager  
Rotorcraft Certification Office  
Southwest Region

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

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(Continuation Sheet)

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