

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

*Number* SE144GL

*This certificate issued to* Scott's-Bell 47, Inc.  
100 Minnesota Avenue  
Le Sueur, MN 56058

*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 13 of the Civil Air Regulations.*  
(See page 3 for complete certification basis).

*Original Product--Type Certificate Number :* E-279  
*Make :* Lycoming  
*Model :* VO-435-A1F

*Description of Type Design Change:*

Modify engine to increase compression ratio to 8.7:1 in accordance with Lake Line Helicopters Report No. AVL 100176, Revision A, dated January 20, 1977 or later FAA Approved revision.

*Limitations and Conditions:*

(See continuation sheet 3 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 :* October 22, 1976

*Date reissued :* January 21, 2004; December 15, 2010;  
August 7, 2014

*Date of issuance :* November 24, 1976

*Date amended :* February 17, 1977

*By direction of the Administrator*

*Original Signed By:*  
Karol Mordasiewicz

(Signature)

Karol Mordasiewicz  
Manager, Airframe and Administrative Branch  
Chicago 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* SE144GL

United States of America  
Department of Transportation - Federal Aviation Administration  
**Supplemental Type Certificate**  
(Continuation Sheet)

*Number* SE144GL

Date of Issuance: November 24, 1976

Date of Amended: February 17, 1977

Date of Reissuance: August 7, 2014

*Limitations and Conditions:*

1. The installer must determine whether this design change is compatible with previously approved modifications
2. 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.

Ratings

Maximum Continuous, hp., rpm, full throttle 265, 3200, -S.L.  
at: sea level pressure altitude

Takeoff (5 min.), hp., rpm, full throttle 265, 3200, -S.L.  
at: sea level pressure altitude

Fuel (Minimum Grade Aviation Gasoline) 100/130

Compression Ratio 8.7:1

-----End-----