

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

*Number* SE2500SW

*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.*

*Original Product--Type Certificate Number :* E-279

*Make :* AVCO Lycoming

*Model :* VO-435-A1E; VO-435-A1F

*Description of Type Design Change:*

Modification to higher compression ratio in accordance with Texas Helicopter Corporation THC Data L435HC, dated July 28, 1977, or Revision 2, dated April 10, 1997, or later FAA approved revisions.

*Limitations and Conditions:*

1. Take-off power -260 SHP, 5 minutes, 3200 RPM.
2. Maximum continuous power -220 AHP, 3200 RPM.
3. Performance as shown for Lycoming VO-435-B1A.
4. Oil Temperature -113 degrees C maximum; Fuel 100/130 grade aviation gasoline.
5. The installer must determine whether this design change is compatible with previously approved modifications.
6. 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 :* July 28, 1977

*Date reissued :* 3/4/86; 7/27/87; 4/30/04; 12/15/10; 8/7/14

*Date of issuance :* September 02, 1977

*Date amended :* 10/23/80; 4/10/97 Rev. 2

*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.