

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

Number SE2733SW

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 Type Certificate Data Sheet E-279 for complete certification basis.

Original Product--Type Certificate Number : E-279
Make : Lycoming Engines
Model : VO-435-A1E, VO-435-A1F

Description of Type Design Change:

Modification to higher compression ratio in accordance with CCI Drawings TEN-435-1 and TEN-435-2 dated 12/5/77 or later FAA approved revision.

Limitations and Conditions:

1. Take-off power 260SHP, 5 minutes, 3200 RPM.
2. Maximum continuous power 220 SHP, 3200 RPM.
3. Performance as shown for Lycoming VO-435-B1A.
4. Oil temperature - 113°C maximum.
5. Fuel 100/130 grade aviation gasoline.
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.

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 : February 02, 1978

Date of issuance : March 21, 1978

Date reissued : September 10, 1979; October 12, 1981; January 7, 2011; October 20, 2011; August 7, 2014

Date amended :

By direction of the Administrator

Original Signed By:
Karol Mordasiewicz

(Signature)

Karol Mordasiewicz
Manager, Airframe and Administrative Branch
Chicago Aircraft Certification Office

(Title)

