

Department of Transportation Federal Aviation Administration

# Supplemental Type Certificate

*Number* SR01545SE

*This certificate, issued to:*

**Aviation Specialties Unlimited, Inc.  
4632 West Aeronca Street  
Boise, ID 83705**

*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 29 of the Federal Aviation Regulations.*

*Original Product—Type Certificate Number:* H9SW  
*Make:* Bell  
*Model:* 222, 222B, 222U, 230 and 430

*Description of the Type Design Change:* Installation of a Supplemental Lighting System; manufactured and installed in accordance with Master Drawing List MDL-222004-3, Revision X, dated April 30, 2010 and maintained in accordance with Instructions for Continued Airworthiness ICA-222004-4, Revision D, dated April 20, 2010, or later FAA-approved revision.

*Limitations and Conditions:* This STC applies to the models listed above and only to the specific serial numbers listed on the Aviation Specialties Unlimited (ASU) Master Drawing List, MDL-222004-3, Revision X, dated April 30, 2010, or later FAA-approved revisions. This rotorcraft employs Night Vision Imaging System lighting, commonly named NVIS, that has been certified to ensure the aircraft is compatible with Night Vision Goggles (NVG). For this reason, interior and exterior modifications that add or change systems that emit or reflect light have the potential to alter or change the NVIS lighting vs. NVG compatibility. Compatibility of this design with subsequent modifications must be determined by the installer. The determination of compatibility with modifications that emit or reflect light may require a re-evaluation by an FAA aircraft certification office.

A copy of this certificate and the FAA-approved Rotorcraft Flight Manual Supplement (RFMS) FMS-22004-6, Revision E, approved May 04, 2010, or later FAA-approved revisions, must be maintained as part of the permanent records for the modified rotorcraft.

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.

*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 21, 2003      *Date reissued:*  
*Date of issuance:* May 11, 2005      *Date amended:* February 09, 2006; June 20, 2008; July 02, 2009;  
May 06, 2010; May 18, 2010



*By direction of the Administrator*

*John P. Neff*  
\_\_\_\_\_  
(Signature)  
Acting 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.