

United States of America  
Department of Transportation -- Federal Aviation Administration

# Supplemental Type Certificate

*Number* SR09478RC

*This certificate issued to*

Ahlers Aerospace, Inc.  
300 Glade Road  
Colleyville, TX 76034

*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 27 of the Federal Aviation Regulations.*

*Original Product -- Type Certificate Number:* H2SW  
*Make:* Bell Helicopter Textron Canada  
*Model:* 407

*Description of Type Design Change:* Installation of Cockpit Infrared Filter System in accordance with Ahlers Aerospace Master Drawing List 407-01, (E99-80)Rev. D, dated 5/11/2007, or later FAA approved revision. Rotorcraft Flight Manual Supplement, RFMS, Cockpit Infrared Filter System For Bell Helicopter Model 407, Revision IR, dated May 11, 2007, or later FAA approved revision is required. Instructions for Continued Airworthiness Document Number E99-79, Revision B, or later revision is required for this installation.

*Limitations and Conditions:* Installation of Cockpit Infrared Filter System does not include or imply approval for flight operations with Night Vision Goggles (NVG). The operator must receive approval from the Civil Aviation operational authority to operate with NVG. Any deviation to the cockpit/cabin configuration specified in the type design of this STC may affect the compatibility with NVG and may require a re-evaluation by the FAA Aircraft Certification Office (ACO). Once the aircraft is modified with this STC, any future modification to the aircraft may also affect compatibility with NVG and may require re-evaluation by the FAA ACO. 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 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:* April 11, 2006

*Date reissued:*

*Date of issuance:* May 11, 2007

*Date amended:*



*By direction of the Administrator*

*(Signature)*  
Lance T. Gant, Manager

Rotorcraft Certification Office  
Southwest Region

*(Title)*