



U.S. Department
of Transportation

**Federal Aviation
Administration**

Southwest Region
Arkansas, Louisiana,
New Mexico, Oklahoma,
Texas

Fort Worth, Texas 76137

August 4, 2011

Mr. Steve Sharp
Manager, NVIS Programs
Ahlers Aerospace, Inc.
3621 Raider Drive
Hurst, TX 76053

Dear Mr. Sharp:

Enclosed is amended Supplemental Type Certificate (STC) SR09517RC, Rev. 1, amendment date August 3, 2011, for the installation of infrared filters to cockpit displays to make them NVIS/NVG compatible on Bell Helicopter Textron Canada 206B, 206L, 206L-1, 206L-3, and 206L-4 aircraft. This STC represents official Federal Aviation Administration (FAA) approval of an alteration and may be used to authorize identical installations on other aircraft. A copy of this STC should be provided with each installation. Instructions necessary for an installer to complete and inspect this alteration must be provided with parts shipments. Modified aircraft should be returned to service by means of an FAA Form 337, which refers to this STC.

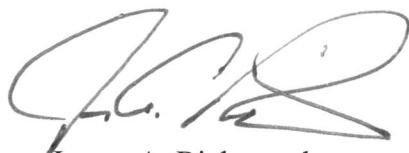
Your responsibility for safety compliance regarding your new STC continues as long as there are any aircraft with valid airworthiness certificates with the STC installed. If you transfer this STC, it can only be done by granting ownership of the STC to a new legal entity, e.g., an individual or a corporation willing and capable of maintaining safety compliance. Such transfer must be initiated by an individual who has authority to act on behalf of the legal entity. In the event the owner is an individual, some form of proof of identity and/or notarization will be required. In the event the owner is a corporation, some proof will be required that the individual transferring the STC on behalf of the corporation has the authority to act on behalf of that corporation. An attestation by the secretary of the corporation with the corporate seal would serve this purpose.

As recipient of this approval, except as provided in 14 CFR §21.3(d), you are required to report any failure, malfunction, or defect in any product or part manufactured by you that you have determined has resulted or could result in any of the occurrences listed in 14 CFR §21.3(c). The report should be communicated initially by telephone to the Manager, Rotorcraft Directorate, (817) 222-5100, within 24 hours after it has been determined that the failure has occurred. In addition, written notification to the Manager, Rotorcraft Directorate, Fort Worth, Texas 76137, is also required. FAA Form 8330-2 (Malfunction or Defect Report) or any other appropriate format is acceptable in transmitting the required details.

If you plan to manufacture replacement or modification parts for sale, you must comply with 14 CFR Part 21 Subpart K and Part 45 Subpart B. A Parts Manufacturer Approval (PMA) may be issued under the provisions of 14 CFR Part 21 Subpart K. For additional information please contact Manager, Manufacturing Inspection District Office, Department of Transportation, Federal Aviation Administration, Fort Worth, Texas 76137.

If you agree to permit another person to use this STC to alter the product, it is your responsibility to give the other person written evidence of that permission in the form of a "permission statement". This permission statement should contain the agreement specifying the product to be altered, the STC number, and the person who is being given consent to use the STC. In addition, this STC may be transferred or otherwise made available to another party by means of a licensing agreement in accordance with 14 CFR 21.47. You are requested to advise this office within 30 days when you transfer or grant license rights to the STC.

Sincerely,

A handwritten signature in black ink, appearing to read 'J.A. Richmond', with a stylized flourish at the end.

James A. Richmond
Acting Manager, Rotorcraft Certification Office

Enclosure

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

Number SR09517RC

This certificate issued to: Ahlers Aerospace, Inc.
3621 Raider Drive
Hurst, TX 76053

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 6 of the Civil Air Regulations.

Original Product -- Type Certificate Number: H2SW
Make: Bell Helicopter Textron Canada
Model: 206B ; 206L ; 206L-1 ; 206L-3; 206L-4

Description of Type Design Change:

Installation of Night Vision Goggle (NVG) compatible interior lighting system in accordance with Ahlers Aerospace, Inc. (AAI) Master Drawing List 206-01 (E99-84), Rev. X, dated 7/26/2011, or later Federal Aviation Administration (FAA) approved revision. Rotorcraft Flight Manual Supplement, AAI Document No. E99-149, Rev. A, dated July 12, 2011, or later FAA approved revision is required. Instructions for Continued Airworthiness, AAI Document No. E99-93, Rev. E, dated 6/2/2008, or later revision is required for this installation.

Limitations and Conditions:

Installation of Infrared Filtered Cockpit Lighting does not include or imply approval for flight operations with Night Vision Goggles (NVG). The operator must receive approval from their Civil Aviation operational authority to operate with NVG.

For 206L-1 Helicopters (S/N: 45154 – 45790) and 206L-3 Helicopters (S/N: 51001 – 51513), the Bell Helicopter Textron Canada Technical Bulletin 206L-09-234 dated June 15, 2009 which addresses the 5 Volt Lighting System must be completed prior to the installation of this STC.

(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.

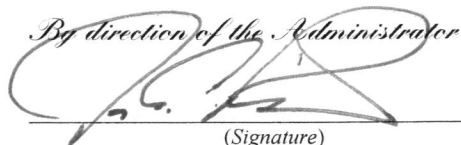
Date of application: April 11, 2006

Date reissued:

Date of issuance: June 03, 2008

Date amended: August 04, 2011



By direction of the Administrator

(Signature)

James A. Richmond, Acting Manager
Rotorcraft Certification Office
Southwest Region

(Title)

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

Number SR09517RC

Date of Issuance: June 03, 2008

Date Amended: August 04, 2011

Limitations and Conditions (Continued):

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 reevaluation 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.