



U.S. Department
of Transportation
**Federal Aviation
Administration**

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

Fort Worth, TX 76137

November 22, 2013

Mr. Jessie Kearby
Director of Engineering and Certification
Aero Dynamix, Inc.
3227 W. Eules Blvd., Suite 100
Eules, TX 76040

Dear Mr. Kearby:

Enclosed is amended Supplemental Type Certificate (STC) SR09558RC amendment dated November 22, 2013, Federal Aviation Administration (FAA) Project # SA03503RC-R, for Installation of a Night Vision Goggle (NVG) Compatible Lighting System on Eurocopter France model AS350B3 helicopters, limited to Serial Numbers 7554 and 7556 only. This STC represents official 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.

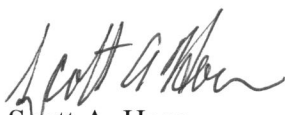
Your responsibility for safety compliance regarding your new STC continues as long as there are any aircraft with valid airworthiness certificates with the STC installed. If you transfer this STC, it can only be done by granting ownership of the STC to a new legal entity, e.g., an individual or a corporation 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 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,



Scott A. Horn
Acting Manager, Rotorcraft Certification Office
Rotorcraft Directorate, Aircraft Certification Service

Enclosure

United States of America
Department of Transportation
Federal Aviation Administration

Supplemental Type Certificate

Number SR09558RC

This certificate issued to:

Aero Dynamix, Inc.
3227 W. Eules Blvd.
Suite 100
Eules, TX 76040

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 27 of the Federal Aviation Regulations.

Original Product – Type Certificate Number: H9EU
Make: Eurocopter France
Model: AS350B3, S/N 7554 and 7556 only

Description of Type Design Change: Installation of Night Vision Goggle (NVG) Compatible Lighting System in accordance with Aero Dynamix, Inc., Master Drawing List, Document No. MDL 2542-01, Rev. BB, dated November 19, 2013, or later Federal Aviation Administration (FAA) approved revision. Aero Dynamix, Inc., Rotorcraft Flight Manual Supplement, Document No. RFMS AS350B3-02, Rev. A, dated November 22, 2013, or later FAA approved revision is required.

(see continuation sheet 3 of 3)

Limitations and Conditions: Installation of this Night Vision Imaging System (NVIS) does not approve or imply approval for flight operations with NVGs. The operator must receive a determination from their civil aviation authority if an approval to operate with NVGs is required. Any subsequent deviation from the cockpit or cabin configuration specified in the STC Type Design may affect the compatibility of the NVIS and will require a re-evaluation for NVIS cockpit and NVG compatibility.

(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, and revoked or a termination date is otherwise established by the Administrator of the Federal Aviation Administration.

Date of application: September 21, 2009
Date of issuance: October 20, 2009

Date reissued:
Date amended: November 22, 2013

By direction of the Administrator




(Signature)
Scott A. Horn, Acting Manager
Rotorcraft Certification Office
Southwest Region

(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 or made available to third persons by licensing agreements in accordance with 14 CFR 21.47. Possession of this Supplemental Type Certificate (STC) document by persons other than the STC holder does not constitute rights to the design data nor to alter an aircraft, aircraft engine, or propeller. The STC's supporting documentation (drawings, instructions, specifications, flight manual supplements, etc.) is the property of the STC holder. An STC holder who allows a person to use the STC to alter an aircraft, aircraft engine, or propeller must provide that person with written permission acceptable to the FAA. (Ref. 14 CFR 21.120).



United States of America
Department of Transportation
Federal Aviation Administration

Supplemental Type Certificate

Number SR09558RC

(Continuation Sheet)

Description of Type Design Change: Aero Dynamix, Inc., Instructions for Continued Airworthiness (ICA), Document No. ICA AS350B3-01, Rev. AZ, dated November 19, 2013, or later FAA accepted revision is required.

Limitations and Conditions: The aircraft is not certificated for NVG operations until the evaluation is completed. Once this 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 Aircraft Certification Office (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.

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 or made available to third persons by licensing agreements in accordance with 14 CFR 21.47. Possession of this Supplemental Type Certificate (STC) document by persons other than the STC holder does not constitute rights to the design data nor to alter an aircraft, aircraft engine, or propeller. The STC's supporting documentation (drawings, instructions, specifications, flight manual supplements, etc.) is the property of the STC holder. An STC holder who allows a person to use the STC to alter an aircraft, aircraft engine, or propeller must provide that person with written permission acceptable to the FAA. (Ref. 14 CFR 21.120).
