



United States of America

Department of Transportation
Federal Aviation Administration

Supplemental Type Certificate

Number SR09530RC

P/N: N/A
PE: APG
OFFICE: ASW-170

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 27 of the Federal Aviation Regulations.

Original Product -- Type Certificate Number: H88EU Model: Airbus Helicopters Deutschland GmbH (AHD)
Make: EC135P1; EC135P2; EC135T2; EC135P2+; EC135T2+

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 135-01 (E99-102), Revision AU, dated November 1, 2013, or later Federal Aviation Administration (FAA) approved revision. Rotorcraft Flight Manual Supplement (RFMS), AAI Document No. E99-162, Revision E, dated January 31, 2012, or later FAA approved revision is required. Instructions for Continued Airworthiness (ICA), AAI Document No. E99-101, Revision G, dated November 7, 2013, or later FAA accepted revision is required for this installation.

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

(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: June 12, 2006

Date reissued: November 30, 2010; March 4, 2014

Date of issuance: October 24, 2008

Date amended: February 3, 2009; November 8, 2010

By direction of the Administrator

Signature _____
Scott A. Horn
Title Manager, Rotorcraft Certification Office
Southwest Region

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

(Continuation Sheet)

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

(Continuation Sheet)

Number SR09530RC

Date of Issuance: October 24, 2008

Date Amended: November 08, 2010

Date Reissued: March 4, 2014

Limitations and Conditions (Continued):

for NVIS cockpit and NVG compatibility. The aircraft is not certificated for NVG operations until the evaluation is completed. Once the aircraft is modified with this STC, any future modification to the aircraft may also affect the compatibility with NVG and may require re-evaluation by the FAA Aircraft Certification Office. 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 a product, the holder must 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).