

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

*Number* SR09523RC

*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 herein meets the airworthiness requirements of Part 29 of the Federal Aviation Regulations.*

*Original Product -- Type Certificate Number :* H13EU  
*Make :* Eurocopter Deutschland GMBH (ECD)  
*Model :* BK 117 A-4/B-1/B-2/C-1

*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 117-01 (E99-137), Rev. U, dated 9/2/2010, or later Federal Aviation Administration (FAA) approved revision. Rotorcraft Flight Manual Supplement, AAI Document No. E99-151, Rev. C, dated September 27, 2010, or later FAA approved revision is required. Instructions for

(See continuation sheet 3 of 3)

*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. Any deviation to the cockpit/cabin configuration specified in the type design of this STC may affect the compatibility with

(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 :* January 22, 2008

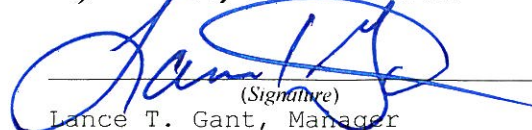
*Date reissued :*

*Date of issuance :* July 11, 2008

*Date amended:* July 2, 2009; August 21, 2009; October 7, 2010



*By direction of the Administrator*

  
(Signature)

Lance T. Gant, Manager  
Rotorcraft Certification Office  
Southwest Region

(Title)

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

**Supplemental Type Certificate**  
(Continuation Sheet)

*Number* SR09523RC

Date of Issuance: July 11, 2008

Date Amended: October 07, 2010

*Description of Type Design Change* (Continued): Continued Airworthiness, AAI Document No. E99-138, Rev. F, dated 9/2/2010, or later revision is required for this installation.

*Limitations and Conditions* (Continued): 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.

*Certification Basis:*

14 CFR Part 29 to Amendment 29-40.