



United States of America
Department of Transportation
Federal Aviation Administration

Supplemental Type Certificate

Number: SH601NE

This certificate issued to: Sikorsky Aircraft Corporation
6900 Main Street
Stratford, CT 06615

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 29 of the Federal Aviation Regulations.

Original Product – Type Certificate Number:
H13EU

Make: Messerschmitt-Bolkow-Blohm
Model: MBB-BK 117 A-3, and A-4, B-1

Description of Type Design Change:

1. Configuration 1: Installation of Spectrolab, Inc., Model SX-16 Nightsun Searchlight in accordance with Keystone Helicopter Corporation Manufacturing and Installation List, Report No. 88-1, Page 1, Rev. D dated September 29, 1988.
2. Configuration 2: Installation of Spectrolab, Inc. Model SX-16 Nightsun Searchlight in accordance with Keystone Helicopter Corporation Manufacturing and Installation List, Report No. 88-1, Rev. E, dated March 15, 1989.
3. Configuration 3: Installation of Spectrolab, Inc., Model SX-5E Starburst Searchlight in accordance with Keystone Helicopter Corporation Manufacturing and Installation List, Report no. 89-8, N/R, dated April 21, 1989.

(See Description of Type Design Change continued on Page 3 of 3)

Limitations and Conditions:

1. For Configuration 3, this installation is only eligible on helicopter Serial Number 7099.
2. This approval is for non-float equipped MBB-BK 117 A-3, A-4, B-1 aircraft, and for category B operations only.
3. The only optional equipment that this approval has been found to be compatible with are listed in the limitations section of the Rotocraft Flight Manual Supplement; also note the other limitations.
4. The installer must determine whether this design change is compatible with previously approved modifications.
5. 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.

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: March 4, 1988

Date Reissued: October 1, 2011, December 17, 2014

Date of Issuance: August 19, 1988

Date Amended: November 4, 1988, May 11, 1989, May 15, 1989,
February 22, 1991, July 10, 1991, September 27, 1994

By Direction of the Administrator

Signature _____

Title Gaetano Sciortino
Manager
New York Aircraft Certification Office

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).



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INSTRUCTIONS: The transfer endorsement below may be used to notify the appropriate FAA Aircraft Certification Office of the transfer of this Supplemental Type Certificate. The FAA will reissue the certificate in the name of the transferee and forward it to him.

Transfer Endorsement

Transfer the ownership of Supplemental Type Certificate Number: SH601NE

To (Name and address of transferee)

From (Name and address of grantor)

Extent of Authority (if licensing agreement):

Date of transfer:

Signature of grantor: _____

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Supplemental Type Certificate

(Continuation Sheet)

Number: SH601NE

Date Reissued: December 17, 2014

Description of Type Design Change (continued):

4. Configuration 4: Installation of Spectrolab, Inc., Model SX-16 Nightsun Searchlight in accordance with Keystone Helicopter Corporation Installation Drawing List, Report No. 88-1, Rev. H, dated February 13, 1991, and Manufacturing Drawing List Report No. 88-1, Rev. F, dated December 14, 1990.
5. Configuration 5: Installation of Spectrolab, Inc., Model SX-16 Nightsun Searchlight in accordance with Keystone Helicopter Corporation Installation Drawing List, Report No. 88-1, Rev. I, dated June 22, 1994, and Manufacturing Drawing List Report No. 88-1, Rev. G, dated June 22, 1994.
6. For Configuration 1, Keystone Helicopter Corporation Rotorcraft Flight Manual Supplement No. FM 88-1, FAA approved August 19, 1988 and revised November 4, 1988 is required with this modification; the original RFMS of August 19, 1988 is cancelled and superseded by Revision 1 dated November 4, 1988.
7. For Configuration 2, Keystone Helicopter Corporation Rotorcraft Flight Manual Supplement No. FM 88-1, Rev. 2, FAA approved May 11, 1989 is required with this modification.
8. For Configuration 3, Keystone Helicopter Corporation Rotorcraft Flight Manual Supplement No. FM 88-1.1, FAA approved May 15, 1989 for S/N 7099 helicopter is required with this modification.
9. For Configuration 4 & 5 Keystone Helicopter Corporation Rotorcraft Flight Manual Supplement No. FM 88-1, Rev. 3, FAA approved February 22, 1991 is required with this modification.

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