



United States of America
Department of Transportation
Federal Aviation Administration

Supplemental Type Certificate
IMPORT

Number: SR03531NY

This certificate issued to: Aerospace Design Facilities Ltd.
Taymount, 4A Wood End Close
SL2 3RF Farnham Common
United Kingdom

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:
H11EU

Make: Airbus Helicopters
Model: AS355F, AS355F1, AS355F2, AS355N, AS355NP

Description of Type Design Change:

1. Installation of Spectrolab SX7 Searchlight in accordance with Aerospace Design Facilities Ltd. Master Document List ADF-MDL2013-100 Issue 1A dated March 11, 2014, or later EASA-approved revision.
2. Aircraft is to be maintained in accordance with Aerospace Design Facilities Ltd. Instructions for Continued Airworthiness ADF-ICA2013-100 Issue 2 dated February 26, 2015, or later EASA-accepted revision.
3. The rotorcraft must be operated in accordance with Aerospace Design Facilities Ltd. AS355 Flight Manual Supplement No. 12, Issue 1, Revision 0, dated March 14, 2014, or later EASA-approved revision.

Limitations and Conditions:

1. The "Limitation" section of Aerospace Design Facilities Ltd. AS355 Flight Manual Supplement No. 12, Issue 1, Revision 0, EASA approved on March 14, 2014 is applicable as part of this installation.
2. Operation of the searchlight is prohibited with emergency flotation system installed.
3. Operation of the searchlight is prohibited with landing gear "Bear Foot" settling protectors.
4. Operation of the searchlight is prohibited with the cargo swing attached.

(See Limitations and Conditions continued on sheet 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: August 25, 2014

Date Reissued:

Date of Issuance: May 15, 2015

Date Amended:

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: SR03531NY

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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(Continuation Sheet)

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Limitations and Conditions, continued:

5. The installer must determine whether this design change is compatible with previously approved modifications.
6. If the holder agrees to permit another person to use the certificate to alter the product, the holder must give the other person written evidence of that permission.

Certification Basis:

Based on 14 CFR 21.115 and 21.101, and FAA Order 8110.48, the certification basis for the Airbus AS355 rotorcraft models identified herein is as follows:

- a. The certification basis for the Airbus AS355 rotorcraft models identified herein is shown on Type Certificate Data Sheet H11EU for parts not changed or not affected by this change.
- b. The certification basis for parts changed or affected by this change is as shown on Type Certificate Data Sheet H11EU, except as follows:

Regulations at the latest Amendment 27-1 through 27-47:

27.1(a)(b)(c), 27.601(a)(b), 27.603(a)(b)(c), 27.605(a)(b), 27.607(a)(b), 27.609(a)(b), 27.610(a)(b)(c)(d), 27.611(a)(b)(c), 27.613(a)(b)(c)(d)(e), 27.625(a)(b)(c)(d), 27.629, 27.771(a)(b)(c), 27.777(a)(b), 27.1301(a)(b)(c)(d), 27.1309(a)(b)(c)(d), 27.1321(a)(b)(c)(d), 27.1322(a)(b)(c)(d), 27.1327(a)(b), 27.1351(a)(b)(c)(d)(e), 27.1365(a)(b)(c).

The requirements for environmental protection and the associated certified noise and/or emissions levels of the original product are unchanged and remain applicable to this certificate.

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