

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

Number SR00771DE

This certificate, issued to Airborne Systems OAL, LLC
43 Monticello Drive NE
Albuquerque, NM 87123

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. (See Page 3 for complete certification basis)

Original Product—Type Certificate Number: H9EU; H11EU

Make: Airbus Helicopters

Model: AS350B, AS350BA, AS350B1, AS350B2, AS350B3, AS350D;

AS355E, AS355F, AS355F1, AS355F2, AS355N, AS355NP

Description of the Type Design Change:

Installation of a cargo pod on the left side of the landing gear in accordance with Airborne Systems OAL Master Document List, Document No. MDL.OAL313.STC.AS350-AS355, Rev. 0, dated November 05, 2014, FAA approved December 12, 2014, or later FAA approved revision.

Limitations and Conditions:

1. Flight Manual Supplement, Document Number FMS.OAL313.STC.AS350-AS355, Rev. 0, dated August 25, 2014, or later FAA approved revision is required for this installation.
2. Instructions for Continued Airworthiness, Airborne Systems OAL Document No. ICA.OAL313.STC.AS350-AS355, Rev. 0, dated September 04, 2014, FAA accepted September 05, 2014, or later FAA accepted revision is required.
3. Compatibility of this design change with previously approved modifications must be determined by the installer.
4. A copy of this certificate must be maintained as part of the permanent records for the modified rotorcraft.
5. If the STC 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.

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: July 11, 2013

Date reissued:

Date of issuance: December 12, 2014

Date amended:



By direction of the Administrator

(Signature)

Todd G. Dixon, Manager
Denver Aircraft Certification Office
Northwest Mountain 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.

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Supplemental Type Certificate
(Continuation Sheet 3)
Number PR0077DE

Certification Basis:

Based on 14 CFR §§ 21.115 and 21.101, and FAA policy for significant changes in FAA Order 8110.48, the certification basis for the Airbus Helicopters AS350B, AS350BA, AS350B1, AS350B2, AS350B3, AS350D aircraft with installation of a cargo pod on the left side of the landing gear are as follows:

- a. The type certification basis for the Airbus Helicopters AS350B, AS350BA, AS350B1, AS350B2, AS350B3, AS350D airplanes is shown on TCDS H9EU for parts not changed or not affected by this change.
- b. The certification basis for the parts affected by this change since the reference date of application, July 11, 2013, is also shown on TCDS H9EU. Based on 14 CFR §§ 21.115 and 21.101, and FAA policy for significant changes in FAA Order 8110.48, the certification basis for this modification was determined to be:

Regulations at amendment level shown on TCDS H9EU for AS350B, AS350BA, AS350B1, AS350B2, AS350B3, AS350D

27.27; 27.171; 27.241; 27.251; 27.301; 27.303; 27.305; 27.601; 27.607; 27.609; 27.611; 27.619; 27.855; 27.1301; 27.1541; 27.1589

Regulations at an intermediate amendment level

27.1 Amdt. 27-37; 27.21 Amdt. 27-21; 27.25 Amdt. 27-44; 27.29 Amdt. 27-14; 27.51 Amdt. 27-44; 27.65 Amdt. 27-33; 27.75 Amdt. 27-44; 27.141 Amdt. 27-21; 27.143 Amdt. 27-44; 27.173 Amdt. 27-44; 27.175 Amdt. 27-44; 27.177 Amdt. 27-44; 27.307 Amdt. 27-26; 27.337 Amdt. 27-26; 27.603 Amdt. 27-16; 27.605 Amdt. 27-16; 27.610 Amdt. 27-46; 27.613 Amdt. 27-26; 27.787 Amdt. 27-27; 27.807 Amdt. 27-37; 27.865 Amdt. 27-36; 27.1309 Amdt. 27-46; 27.1501 Amdt. 27-14; 27.1505 Amdt. 27-21; 27.1529 Amdt. 27-18; 27.1545 Amdt. 27-16; 27.1557 Amdt. 27-11; 27.1581 Amdt. 27-14; 27.1583 Amdt. 27-16; 27.1585 Amdt. 27-21; 27.1587 Amdt. 27-44

Grant of the Equivalent Level of Safety Finding for the following regulation:

§ 27.855(a) Cargo and Baggage Compartment (documented in ELOS Memo ST5917DE-R/A-1)

Based on 14 CFR §§ 21.115 and 21.101, and FAA policy for significant changes in FAA Order 8110.48, the certification basis for the Airbus Helicopters AS355E, AS355F, AS355F1, AS355F2, AS355N, AS355NP aircraft with installation of a cargo pod on the left side of the landing gear are as follows:

- a. The type certification basis for the Airbus Helicopters AS355E, AS355F, AS355F1, AS355F2, AS355N, AS355NP airplanes is shown on TCDS H11EU for parts not changed or not affected by this change.
- b. The certification basis for the parts affected by this change since the reference date of application, July 11, 2013, is also shown on TCDS H11EU. Based on 14 CFR §§ 21.115 and 21.101, and FAA policy for significant changes in FAA Order 8110.48, the certification basis for this modification was determined to be:

Regulations at amendment level shown on TCDS H11EU for AS355NP

27.21; 27.27; 27.29; 27.171; 27.241; 27.251; 27.301; 27.303; 27.305; 27.601; 27.603; 27.605; 27.607; 27.609; 27.611; 27.619; 27.855; 27.1301; 27.1501; 27.1529; 27.1541; 27.1545; 27.1557; 27.1581; 27.1583; 27.1585; 27.1589

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Regulations at an intermediate amendment level

27.1 Amdt. 27-37; 27.25 Amdt. 27-44; 27.51 Amdt. 27-44; 27.65 Amdt. 27-33; 27.75 Amdt. 27-44; 27.141 Amdt. 27-21; 27.143 Amdt. 27-44; 27.173 Amdt. 27-44; 27.175 Amdt. 27-44; 27.177 Amdt. 27-44; 27.307 Amdt. 27-26; 27.337 Amdt. 27-26; 27.610 Amdt. 27-46; 27.613 Amdt. 27-26; 27.787 Amdt. 27-27; 27.807 Amdt. 27-37; 27.865 Amdt. 27-36; 27.1309 Amdt. 27-46; 27.1505 Amdt. 27-21; 27.1587 Amdt. 27-44

Grant of the Equivalent Level of Safety Finding for the following regulation:
§ 27.855(a) Cargo and Baggage Compartment (documented in ELOS Memo ST5917DE-R/A-1)

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