

Sektion 2. Utlandstillverkad flygmateriel

TITEL: Kontroll av infästning för startgenerator

GÄLLER: AS 355 med installerad startgenerator alla P/N

ÅTGÄRD: Utför åtgärder angivna i bifogad kopia av DGAC AD 1999-469-058(A) R1

TID FÖR ÅTGÄRD: I enlighet med compliance time av DGAC AD 1999-469-058(A) R1

UNDERLAG: EUROCOPTER AS 355 Service Telex no. 01.00.45 R2

REFERENS: DGAC AD 1999-469-058(A) R1

BESLUTSDATUM: 25 augusti 2000

LFS: 2000:100

Åtgärder enligt LVD utgör nödvändig förutsättning för ifrågavarande flygmateriels luftvärdighet. Referens BCL M 1.11.
Anteckning om åtgärd, som vidtagits i enlighet med LVD, skall införas i teknisk journal för berörd flygmateriel med hänvisning till ifrågavarande LVD-nummer. Angivet underlag refererar till senast gällande revision/utgåva. LVD utges i luftfartsverkets författningssamlingar LFS.

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GSAC

AIRWORTHINESS DIRECTIVE

released by DIRECTION GENERALE DE L'AVIATION CIVILE

Inspection and/or modifications described below are mandatory. No person may operate a product to which this Airworthiness Directive applies except in accordance with the requirements of this Airworthiness Directive.

Translation of 'Consigne de Navigabilité' ref. : 1999-469-058(A) R1
In case of any difficulty, reference should be made to the French original issue.

EUROCOPTER

AS 355 helicopters

Starter generators (ATA 01, 24)

1. EFFECTIVITY :

This Airworthiness Directive applies to AS 355N helicopters equipped with starter generators, all part numbers.

2. REASONS :

This Airworthiness Directive is issued further to cases of starter generator deterioration which may lead to failure of the engine exhaust pipe ejector attachment lugs and result in loss of the exhaust pipe ejector.

Revision 1 of this Airworthiness Directive introduces the referenced Revision 2 of Service Telex No. 01-00-45, which modifies the technical analysis and the precautionary measures.

3. MANDATORY ACTIONS AND COMPLIANCE TIME :

The following actions are rendered mandatory from the effective date of Revision 1 of this Airworthiness Directive.

They are to be applied on both sides of the helicopter (left and right sides).

3.1. Each time a starter generator is installed:

- 5 to 10 operating hours after this installation, carry out the vibration check in accordance with the procedure described in paragraph CC of the referenced EUROCOPTER Service Telex No. 01.00.45 R2. On this occasion, check the tightening torque load of the clamp (item 12 on Maintenance Manual (MET) work card 80.06.00.401).
- Repeat this check once at the latest within 55 flight hours of the first check.
- Then, repeat this check at intervals of no more than 110 flight hours.

3.2. Each time a used flange half-clamp or engine exhaust pipe is installed:

- In accordance with the procedure described in paragraph DD 2) 2.1 B), C) or D) of the referenced Service Telex, check that these components are in good condition.

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August 09, 2000

EUROCOPTER
AS 355 Helicopters

1999-469-058(A) R1

3.3. Starter generators already installed on aircraft:**3.3.1. Starter generators that have logged more than 40 flight hours on the same aircraft:**

- Within 10 flight hours at the latest, check the vibration level in accordance with the instructions given in paragraph CC of the referenced Service Telex. On this occasion, check the tightening torque load of the clamp (item 12 on the Met work card 80.06.00.401).
- Repeat this check at intervals of no more than 110 flight hours.

3.3.2. Starter generators that have logged 40 flight hours or less than 40 flight hours on the same aircraft:

- Within 10 flight hours at the latest, check the vibration level in accordance with the instructions given in paragraph CC of the referenced Service Telex. On this occasion, check the tightening torque load of the clamp (item 12 on the Met work card 80.06.00.401).
- Repeat this check once, at the latest when a starter generator has logged 65 flight hours.
- Repeat this check at intervals of no more than 110 flight hours.

CAUTION : If compliance with the requirements given in the original issue of this Airworthiness Directive was not ensured during the first vibration level check to be carried out in accordance with the instructions given in the paragraph 3.3.1. and 3.3.2. above, even if the vibration level is below 0.5 IPS (12,7 mm/s), remove the starter generator and also comply with the instructions given in the paragraphs DD2) 2.1B), C) and D) of the referenced Service Telex.

3.4. Interpretation of the results:**3.4.1. If the recorded vibration level is equal to or higher than 0.5 IPS (12,7 mm/s):**

- Remove and replace the starter generator and visually check the 4 exhaust pipe ejector attachment lugs, the two half-clamps and the flange that attaches the starter generator to the engine, in compliance with the instructions given in paragraph DD2) 2.1 of the referenced Service Telex.

3.4.2. If one (or several) cracks is detected during the visual check, asked by paragraph 3.4.1. above:

- If at least one exhaust pipe ejector attachment lug is cracked : at the same time, replace the attachment flange, the 2 half-clamps and the exhaust pipe.
- If not any exhaust pipe ejector attachment lug is cracked : at the same time replace the attachment flange and the 2 half-clamps.

REF. : EUROCOPTER AS 355 Service Telex No. 01.00.45 R2

This Revision 1 replaces original Airworthiness Directive 1999-469-058(A) dated December 1st, 1999.

EFFECTIVE DATES :

Original A D : On receipt from telegraphic diffusion
issued on **NOVEMBER 22, 1999.**
Revision 1 : Upon receipt from **AUGUST 09, 2000**