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**Sektion 2. Utlandstillverkad flygmateriel**

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**TITEL:** Åtgärder för huvudrotorns varvtalsreglering

**GÄLLER:** Modell R22.

**ÅTGÄRD:** Utför åtgärder angivna i bifogad kopia av FAA AD 97-02-14.

**TID FÖR ÅTGÄRD:** Inom 30 dagar räknat från 4 mars 1997 om inte tidigare utfört.

**UNDERLAG:** FAA AD 97-02-14.

**REFERENS:** FAA AD 97-02-14.

**BESLUTSDATUM:** 1997-02-14

**LFS 1997:11**

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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# AIRWORTHINESS DIRECTIVE

REGULATORY SUPPORT DIVISION  
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OKLAHOMA CITY, OKLAHOMA 73125-0460

U.S. Department  
of Transportation  
**Federal Aviation  
Administration**

The following Airworthiness Directive issued by the Federal Aviation Administration in accordance with the provisions of Federal Aviation Regulations, Part 39, applies to an aircraft model of which our records indicate you may be the registered owner. Airworthiness Directives affect aviation safety and are regulations which require immediate attention. You are cautioned that no person may operate an aircraft to which an Airworthiness Directive applies, except in accordance with the requirements of the Airworthiness Directive (reference FAR Subpart 39.3).

**97-02-14 ROBINSON HELICOPTER COMPANY:** Amendment 39-9899. Docket No. 96-SW-14-AD. Supersedes AD 96-11-08, Amendment 39-9633.

Applicability: Model R22 helicopters, certificated in any category.

**NOTE 1:** This AD applies to each helicopter identified in the preceding applicability provision, regardless of whether it has been modified, altered, or repaired in the area subject to the requirements of this AD. For helicopters that have been modified, altered, or repaired so that the performance of the requirements of this AD is affected, the owner/operator must use the authority provided in paragraph (e) to request approval from the FAA. This approval may address either no action, if the current configuration eliminates the unsafe condition, or different actions necessary to address the unsafe condition described in this AD. Such a request should include an assessment of the effect of the changed configuration on the unsafe condition addressed by this AD. In no case does the presence of any modification, alteration, or repair remove any helicopter from the applicability of this AD.

**Compliance:** Required within 30 days after the effective date of this AD, unless accomplished previously.

To minimize the possibility of pilot mismanagement of the main rotor (M/R) revolutions-per-minute (RPM), which could result in unrecoverable M/R blade stall and subsequent loss of control of the helicopter, accomplish the following:

(a) Adjust the A569-1 or -5 low-RPM warning unit so that the warning horn and caution light activate when the M/R RPM is between 96% and 97% rotor RPM in accordance with the procedures contained in the Model R22 maintenance manual.

(b) For Model R22 helicopters that do not have a governor currently installed, install a Robinson Helicopter Company KI-67-2 Governor Field Installation Kit in accordance with the kit instructions. Upon completion of the governor installation required by this paragraph, revise the FAA-approved Robinson Helicopter Company R22 Rotorcraft Flight Manual (RFM) in accordance with paragraph (d) of this AD.

(c) For Model R22 helicopters that have a throttle/collective governor currently installed, upgrade the governor with a Robinson Helicopter Company KI-67-3 Governor Upgrade Kit in accordance with the kit instructions. Upon completion of the upgrade required by this paragraph, revise the FAA-approved Robinson Helicopter Company R22 Rotorcraft Flight Manual (RFM) in accordance with paragraphs (d) of this AD.

(d) Revise the FAA-approved Robinson Helicopter Company R22 RFM as follows:

(1) Insert the FAA-approved Robinson Helicopter Company R22 RFM revision, dated July 6, 1995, or later FAA-approved revision addressing the governor normal and emergency procedures, into the Normal and Emergency sections of the RFM.

(2) Include the following statement in the Limitations section:

"Flight prohibited with governor selected off, with exceptions for inflight system malfunction or emergency procedures training."

This may be accomplished by inserting a copy of this AD or the FAA-approved Robinson Helicopter Company R22 RFM revision dated July 23, 1996, into the RFM.

(e) An alternative method of compliance or adjustment of the compliance time that provides an acceptable level of safety may be used if approved by the Manager, Los Angeles Aircraft Certification Office. Operators shall submit their requests through an FAA Principal Maintenance Inspector, who may concur or comment and then send it to the Manager, Los Angeles Aircraft Certification Office.

**NOTE 2:** Information concerning the existence of approved alternative methods of compliance with this AD, if any, may be obtained from the Los Angeles Aircraft Certification Office.

(f) Special flight permits may be issued in accordance with sections 21.197 and 21.199 of the Federal Aviation Regulations (14 CFR 21.197 and 21.199) to operate the helicopter to a location where the requirements of this AD can be accomplished.

(g) This amendment becomes effective on March 4, 1997.

## FOR FURTHER INFORMATION CONTACT:

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