
AIRWORTHINESS DIRECTIVE

For the reasons set out in the background section, the CASA delegate whose signature appears below revokes Airworthiness Directive (AD) AD/HU 269/57 Amdt 3 and issues the following AD under subregulation 39.1 (1) of CASR 1998. The AD requires that the action set out in the requirement section (being action that the delegate considers necessary to correct the unsafe condition) be taken in relation to the aircraft or aeronautical product mentioned in the applicability section: (a) in the circumstances mentioned in the requirement section; and (b) in accordance with the instructions set out in the requirement section; and (c) at the time mentioned in the compliance section.

Schweizer (Hughes) 269 Series Helicopters

**AD/HU 269/57
Amdt 4**

Centre Frame Aft Cluster Fitting

6/2004

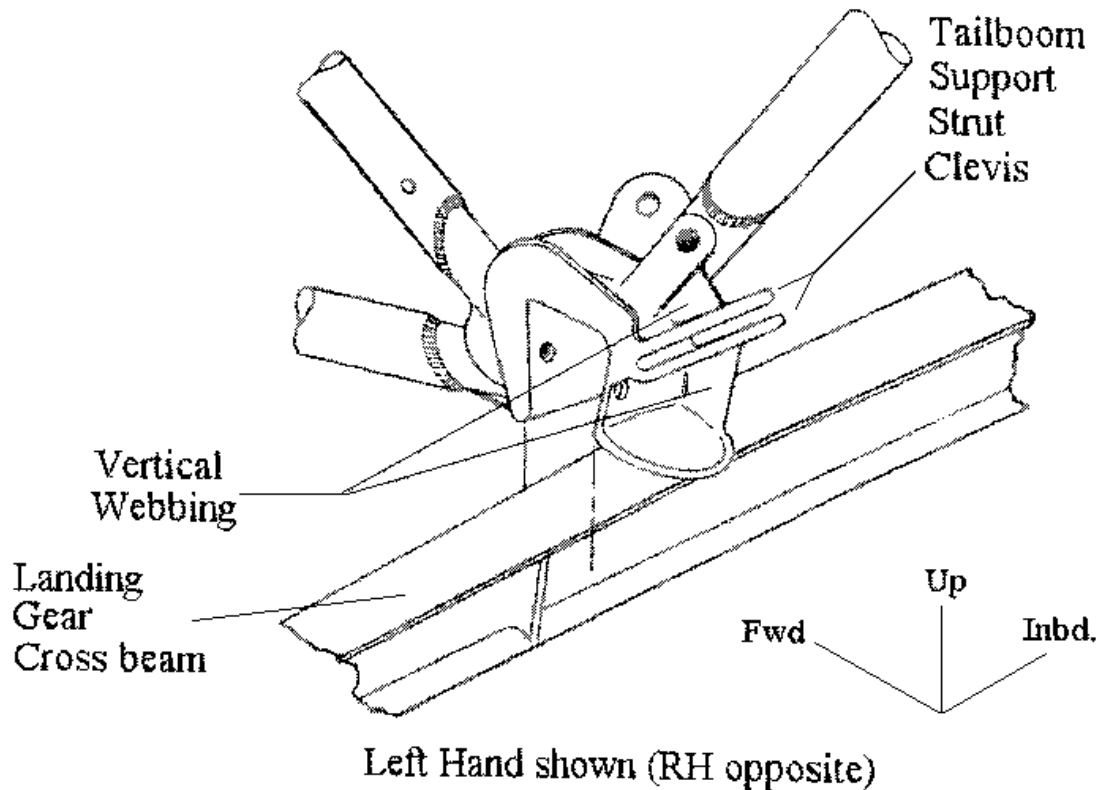
Applicability: Model 269A, 269A-1, 269B, 269C, and 269C-1 helicopters, with a centre frame aft cluster fitting, part number 269A2234, 269A2234-3, 269A2235, or 269A2235-3, installed.

- Requirement:**
1. Accomplish the following:
 - a. Chemically remove paint from the clevis lugs on each centre frame aft cluster fitting. Wash with water and dry.
 - b. Dye-penetrant inspect the clevis lugs on each aft cluster fitting.
 - c. If a crack is found, before further flight, replace the cracked aft cluster fitting with a serviceable part number 269A2234-3 or 269A2235-3 aft cluster fitting, as applicable.
 - d. If no cracking is found, clean the aft cluster fitting and repaint.
 2. Replace each aft cluster part number 269A2234 and part number 269A2235 not modified in accordance with Kit part number SA-269K-106-1 with part number 269A2234 and 269A2235 aft cluster fittings modified in accordance with Kit part number SA-269K-106-1; or with aft cluster fittings part number 269A2234-3 and 269A2235-3.

Note 1: Installation of Aft Cluster Fitting Modification Kit, part number SA-269K-0106-1, constitutes terminating action for the repetitive inspection requirements of this Directive.

Schweizer (Hughes) 269 Series Helicopters

AD/HU 269/57 Amdt 4 (continued)



Note 2: FAA AD 2003-13-15 Amdt 39-13217 refers.

Compliance: For Requirement 1:

All helicopters with part number 269A2234 or 269A2235 fittings installed:

Within 50 hours time in service after 15 May 2003, and thereafter at intervals not to exceed 50 hours time in service; until installation of Aft Cluster Fitting Modification Kit, part number SA-269K-0106-1.

All helicopters with part number 269A2234-3 or 269A2235-3 fittings installed:

Within 200 hours time in service after 15 May 2003, and thereafter at intervals not to exceed 200 hours time in service; until installation of Aft Cluster Fitting Modification Kit, part number SA-269K-0106-1.

For Requirement 2: Within 150 hours time in service or 6 months after 10 June 2004, whichever occurs first.

The compliance times for Requirement 1 remain unchanged by this issue.

This Amendment becomes effective on 10 June 2004.

Schweizer (Hughes) 269 Series Helicopters

AD/HU 269/57 Amdt 4 (continued)

Background: A fatal accident report indicated that the cause was fatigue failure of a centre frame aft cluster fitting.

Amendment 2 clarified that all aft cluster fittings have to be dye-penetrant inspected.

Amendment 3 aligned this Directive with the requirements of the related FAA AD for part number 269A2234 and 269A2235 aft cluster fittings, and introduced optional terminating action for the repetitive inspection requirements of this Directive.

Amendment 4 is issued in response to the related FAA AD, which requires unmodified basic part number aft cluster fittings to be removed from service.

Amendment 2 of this Airworthiness Directive became effective on 3 March 1995.



David Villiers
Delegate of the Civil Aviation Safety Authority

29 April 2004