



ATTACHMENT 5

AIRWORTHINESS GROUP FACTUAL REPORT

NTSB No. DCA20LA100

**Sikorsky Safety Advisory No. SSA-S61-08-001
(1 page)**



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Sikorsky Safety Advisory

**UNCONTROLLED
NO REVISIONS
NO UPDATES**

Document Number: SSA-S61-08-001
Date: February 28, 2008
Revision (Date): Original
System: Flight Controls
Affected Aircraft: All S-61 Series Models

Subject: Auxiliary Servo Pedal Damper Check Valve
Housing Mounting Bolts

Reference: CBL-TO-91-021: Auxiliary Servo Pedal Damper
Check Valve Housing Mounting Bolts, dated 28 May
1991

1. Introduction

Sikorsky was recently notified of an event where the fracture of the yaw (pedal) damper check valve bolts (P/N AN3H5A) resulted in loss of auxiliary hydraulic servo pressure and an uncommanded yaw of the helicopter upon rotor engagement. Sikorsky is participating in the investigation of this event. The root cause of this event is not known at this time. The bolts in question are located in SA4045-79: *S-61N Illustrated Parts Catalog*, Section 2: Group Assembly Parts List, p. 2-943, Figure 288: Automatic Flight Control System Servocyliner Assembly, Sheet 6, Item 323.

CAUTION

FAILURE TO UTILIZE THE CORRECT BOLTS AND TO PROPERLY TORQUE AND SAFETY WIRE CONNECTIONS MAY RESULT IN FAILURE OF THESE BOLTS AND UNCOMMANDED YAW OF THE AIRCRAFT. WHEN INSTALLING AN3H5A BOLTS, TECHNICIANS SHALL ASSURE PROPER TORQUE PROCEDURES ARE ADHERED TO PER MAINTENANCE MANUAL REQUIREMENTS.

2. Corrective Action

At this time, Sikorsky recommends re-emphasizing to all maintenance personnel that proper torque procedures be followed.

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3. Required Parts

Not Applicable

For additional information or questions, contact your Sikorsky Field Service Representative, Customer Service Manager or Customer Service Engineering at 1-800 WINGEDS or 203-416-4299.