**Eurocopter AS 350 (Ecureuil) Series Helicopters**

**AD/ECUREUIL/112**  
Cabin Vibration Damper Assembly  

**Applicability:** Eurocopter AS 350 B, BA, BB, B1, B2, B3 and D helicopters, and Eurocopter EC 130 B4 helicopters fitted with:

a. a cabin vibration damper assembly installed on the right hand (RH) side of the helicopter; and

b. an automatic flight control system.

**Requirement:**

1. Visually check the visible areas of the blade of the vibration damper assembly, installed on the RH side of the helicopter, for cracks, in accordance with Eurocopter AS 350 Alert Telex (AT) No. 05.00.48 dated 09 June 2005, or Eurocopter EC130 AT 05A002, or any subsequent EASA approved revisions thereof, as applicable.

2. If a crack is found, remove the RH vibration damper assembly, replace the cracked blade and re-install the vibration damper assembly fitted with a new blade, and adjust the vibration damper in accordance with Alert Telex (AT) No. 05.00.48, or Eurocopter EC130 AT 05A002, or any subsequent EASA approved revisions thereof, as applicable.


**Compliance:**

1. Before further flight, after the effective date of this AD, and then repetitively before the first flight of the day.

2. Before further flight.

This Airworthiness Directive becomes effective on 20 June 2005.

**Background:** This AD is issued following the report of a cabin vibration damper blade failure.
In the event of a failure of the blade of the RH cabin vibration damper assembly, for helicopters fitted with an automatic flight control system, the failed part that remains trapped in the bottom structure lower fairing can interfere with the trim actuator rod which is installed nearby. Such interference could jam the flight controls.

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Delegate of the Civil Aviation Safety Authority

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