

Engines - General

**AD/ENG/6
Amdt 1**

Propeller Strike

1/94

Applicability: All piston engines which have had a propeller strike.

Requirement: Following a propeller strike, the aircraft shall be inspected to determine whether the engine has been subjected to abnormal loads and stresses which may have caused engine external and/or internal mechanical damage.

An engine, which has been subjected to a sudden stoppage and/or propeller damage to an extent where significant bending or torsional load may have occurred, shall be considered to have been subjected to abnormal loads and stresses and shall be removed from service. The engine shall only be returned to service following the disassembly, inspection, assembly and test of the engine in accordance with the engine manufacturer's published data.

Note: Where there is doubt concerning any likely secondary damage which may have been sustained, when considering the circumstances of the incident, advice may be obtained from the manufacturer or an appropriate CAR 35 authorised person.

Compliance: Effective 6 January 1994: Prior to further flight.

Background: This Directive details the action required following a propeller strike event. The Directive has been amended to clarify the inspection requirements, and to delete reference to a cancelled document, CAO 100.5.1.