

Follow-up Action on Occurrence Report

ACCIDENT TO CESSNA F177RG, G-TOTO, AT MEPPERSHALL AIRFIELD, ON 9 FEBRUARY 2004

(PROPELLER STRUCK GROUND ON LANDING)

CAA FACTOR NUMBER : F27/2005
FACTOR PUBLICATION DATE : 07 July 2005
OPERATOR : Private
CAA OCCURRENCE NUMBER : 2004/00766
AAIB REPORT : Bulletin 6/2005

SYNOPSIS

(From AAIB Report)

The aircraft was flown to a maintenance organisation for the rectification of a landing gear retraction problem. It was flown with the landing gear extended and the electric circuit breaker for the electrical hydraulic pump 'pulled'. The accident flight was uneventful and the landing very smooth. As the aircraft decelerated, its nose dropped and the propeller struck the ground. Post accident rectification revealed defects in all three landing gears. The nose landing gear overcentre downlock was out of adjustment, and the breakout force was minimal. Both main landing gear downlock latch pivot pins had double fatigue and the left one had failed which was the reason for the original landing gear problem.

FOLLOW UP ACTION

The two Safety Recommendations, made by the AAIB following their investigation, are reproduced below, together with the CAA's responses.

Recommendation 2005-32

It was recommended to the Cessna Aircraft Company that the Cessna 177RG Maintenance/Service documentation should specify to owners, operators and maintainers that whenever a mechanical failure is found in any part of a main landing gear assembly, the corresponding main landing gear assembly should be examined for a potential similar failure.

CAA Response

This Recommendation is not addressed to the CAA.

CAA Status - Closed

Recommendation 2005-56

It was recommended to the Cessna Aircraft Company that consideration be given to making available to owners and operators of Cessna 177RG Cardinal aircraft a Service Kit that will enable them to upgrade their aircraft's landing gear extension/retraction system to the standard fitted to aircraft serial number 0283 onwards.

CAA Response

This Recommendation is not addressed to the CAA.

CAA Status - Closed