

BULLETIN ADDENDUM

AAIB File: EW/G93/06/28
Aircraft Type and Registration: Cessna R182 Skylane RG, G-BPUM
Date & Time (UTC): 30 June 1993 at 1810 hrs
Location: Farnborough Airport, Hampshire
Type of Investigation: Aircraft Accident Report Form submitted by the pilot, engineering examination by an aircraft engineer, AAIB and enquiries with the aircraft manufacturer

AAIB Bulletin addendum 12/93 refers

The last line of paragraph 2 should read;

Eventually the nose landing gear was extended by removal of the hydraulic pipes from the nose landing gear actuator and the hinge bolts from one of the landing gear doors.

The following paragraph should replace paragraph 7;

The aircraft had been involved in two previous accidents. The first accident on the 10 July 1989 involved failure of a main landing gear (AAIB Bulletin 10/89), and the second on the 17 April 1991 involved a nose landing gear collapse after landing (AAIB Bulletin 6/91). A detailed metallurgical examination of the failed nose landing gear following the accident on 17 April 1991 showed that it had failed in overload in a rearwards direction and that there was no evidence of previous damage. Following that accident the aircraft had extensive repairs to the nose landing gear bay and lower forward fuselage area. During this repair the maintenance organisation, who used only the parts supplied as a repair kit by the manufacturer, encountered difficulties whilst trimming the doors to the correct size in ensuring that the nose landing gear doors operated freely without locking temporarily in the closed position. During the period between the repair and the accident, two 'annual' maintenance check had been carried out on the aircraft. During these maintenance checks the aircraft had been placed on jacks and landing gear retraction and extension checks satisfactorily completed. No disconnections or adjustments to the landing gear system were made since none were required. The aircraft had flown approximately 50 hours without incident since the repair had been completed.

In the last paragraph the following should be added after '..... and on a number of occasions managed to lock the doors in the closed position':

This occurred without the spacer strips installed.