



SOUTH AFRICAN CIVIL AVIATION AUTHORITY

ACCIDENT REPORT – EXECUTIVE SUMMARY

Aircraft Registration	ZU-COR	Date of Accident	29/10/2002	Time of Accident	0830Z
Type of Aircraft	JABIRU SP	Type of Operation	Annual Renewal Test		
Pilot-in-command License Type	Commercial	Age	47	License Valid	Yes
Pilot-in-command Flying Experience	Total Flying Hours	16 275.0	Hours on Type	63.4	
Last point of departure	Mossel Bay (FAMO)				
Next point of intended landing	Mossel Bay (FAMO)				
Location of the accident site with reference to easily defined geographical points (GPS readings if possible)					
Mossel Bay Aerodrome (Runway 27)					
Meteorological Information	Fine: Wind - 270° / 20kt, Visibility - 10km, Temperature +16°C.				
Number of people on board	1 + 1	No. of people injured	None	No. of people killed	None
Synopsis					

The pilot, was engaged in his annual flight test, and accompanied by a testing officer (instructor). During a touch-and-go landing at approximately 50-100 feet above ground level the instructor closed the throttle (engine failure after take-off – simulated forced landing).

With one notch of flap selected at the time and some substantial runway distance available, the flying pilot retracted the flaps. The instructor reacted by opening the throttle in an attempt to recover from the situation but it was too late. A hard landing followed, severing the left main landing gear and the nose gear, also damaging the propeller and the left wing tip assembly. The aircraft departed the runway to the left and came to halt on the gravel/grass surface next to the runway.

The occupants selected the fuel and electric's off and vacated the aircraft uninjured.

The Certificate of Registration for the aircraft was issued on 4 July 2002, and the Authority to Fly was issued on 11 October 2002.

Probable Cause

The pilot flying applied the wrong technique by retracting the flaps prior to applying full throttle after recovery from the simulated engine failure after take-off, which resulted in a high rate of descent. The instructor intervened, but due to insufficient height available, they were unable to recover from the situation and a hard landing followed.