



SOUTH AFRICAN CIVIL AVIATION AUTHORITY

J10/2/7039

A99-048

ACCIDENT REPORT EXECUTIVE SUMMARY

Date of Accident	30/04/1999	Time of Accident		1315Z		
Aircraft Registration	ZS-EDC	Type of Aircraft		Cessna 172		
Name of Owner		Name and Number of Operator				
Röhm P.R.		N/A				
Pilot-in-command Licence No.	PA 45523	Age	27	Licence Valid	Yes	
Pilot-in-command Flying Experience	Total Flying Hours		75	Hours on Type	1hr 55min	
Last point of departure		FAGC (Grand Central Airport)				
Next point of intended landing		FANS (Nelspruit Airport)				

Location of the accident site with reference to easily defined geographical points (plus GPS readings if possible)

Approximately 1NM South of Rwy 22 at Nelspruit Airport

Meteorological Information	According to witnesses Fine weather conditions prevailed at the time of the accident.				
Number of people on board	1+1	No. of people injured	1+1	No. of people killed	0+0

Synopsis

The aircraft was issued with a Certificate of Airworthiness on 23 August 1977 in categories a, c, d, e and f. The Certificate of Registration was issued on 1 December 1994.

The owner of the aircraft flew the aircraft from Fly-inn to Grand Central Airport after uplifting 80 litres of fuel at Fly-inn.

The pilot involved in the accident then flew the aircraft from Grand Central Airport to Nelspruit Airport with one passenger on board.

During the approach at Nelspruit Airport the aircraft ran out of fuel and crashed approximately 1 NM short of runway 22 in fine weather conditions.

There was no signs of any fuel leaks and only 1 litre of fuel was retrieved from the fuel tanks.

Both the fuel gauges functioned correctly, however, the L/H sensor did not travel through its complete range. The float arm travelled from the "FULL" position to a position representing a ¼ tank indication on the fuel gauge.

Probable Cause

Fuel starvation.