



SOUTH AFRICAN CIVIL AVIATION AUTHORITY

EXECUTIVE SUMMARY - AIRCRAFT ACCIDENT REPORT

Aircraft Registration	ZS-FDT	Date of Accident	02 June 2005	Time of Accident	0830Z
Type of Aircraft	Piper PA-25		Type of Operation	Agricultural	
Pilot-in-command Licence Type	Commercial	Age	40	Licence Valid	Yes
Pilot-in-command Flying Experience	Total Flying Hours	2775		Hours on Type	63.1
Last point of departure	Shafton Aerodrome (Howick) Kwazulu Natal				
Next point of intended landing	Shafton Aerodrome (Howick) Kwazulu Natal				
Location of the accident site with reference to easily defined geographical points (GPS readings if possible)					
GPS Co-ordinate: S29° 22.0524' E030° 42.4670'					
Meteorological Information	Fine, CAVOK and Temperature 17°C				
Number of people on board	1	No. of people injured	0	No. of people killed	0
Synopsis	<p>The pilot reported that he was conducting crop spray operations when he flew into high tension power lines. The pilot also reported that he lost sight of the power lines while conducting his operations. He was the holder of agricultural pilot rating and pest control operator registration certificate.</p> <p>The aircraft was severely damaged; however the pilot was not injured.</p> <p>The last MPI was certified out on the 27 April 2005 at a total of 7023.5 airframe hours. The aircraft flew a total of 24.2 airframe hours after the last MPI was certified. The pilot was correctly licensed and the aircraft type was endorsed into his license. He is also in possession of a valid medical certificate which lapses on the 30 April 2006.</p> <p>The aircraft was type registered in South Africa on the 27 November 1959. AMO 182 was audited prior to the accident and four findings were identified, corrective action plan was discussed and found acceptable by the SACAA. It was then recommended that AMO licence number 167 be renewed until 2006 March 31.</p>				
Probable Cause					
<p>Pilot failed to look out resulting on collision with high tension power lines.</p> <p>Contributing factor is attributed to the pilot loosing situational awareness during crop spray.</p>					
IARC Date		Release Date			