

Cessna 182S Skylane, G-ZBLT

AAIB Bulletin No: 4/2003	Ref: EW/G2003/02/05	Category: 1.3
Aircraft Type and Registration:	Cessna 182S Skylane, G-ZBLT	
No & Type of Engines:	1 Lycoming 10-540-AB1 A5 piston engine	
Year of Manufacture:	2000	
Date & Time (UTC):	9 February 2003 at 1416 hrs	
Location:	Perranporth	
Type of Flight:	Private	
Persons on Board:	Crew - 1	Passengers - 1
Injuries:	Crew - None	Passengers - None
Nature of Damage:	Propeller, nose leg and wing tip	
Commander's Licence:	Private Pilots Licence	
Commander's Age:	57 years	
Commander's Flying Experience:	170 hours (of which 60 were on type)	
	Last 90 days - 12 hours	
	Last 28 days - 6 hours	
Information Source:	Air Accident Report Form submitted by the pilot	

The aircraft had flown from Kidlington Airport, Oxfordshire to Perranporth, Cornwall and was landing on Runway 27. The wind for the approach was 310°/20 kt gusting to 28 kt giving a crosswind component of 13 kt gusting to 17 kt. The aircraft touched down uneventfully just to the left of the centreline and shortly thereafter the pilot was aware of a powerful gust of wind that pushed (the aircraft) violently to the left causing the main wheel to catch the edge of the runway. The pilot tried to correct to the right but was unable to do so, and the aircraft travelled further on to the grass where the nosewheel dug into the soft earth and the aircraft tipped on to its nose. The pilot and his passenger vacated the aircraft, uninjured, through the normal exits.

The Cessna 182 Flight Manual states *The maximum allowable crosswind velocity is dependent upon pilot capability as well as airplane limitations. Operation in direct crosswinds of 15 kt has been demonstrated.*