

ACCIDENT

Aircraft Type and Registration:	X' Air Falcon 133(2), G-CEDO	
No & Type of Engines:	1 Verner 133M piston engine	
Year of Manufacture:	2006	
Date & Time (UTC):	29 June 2011 at 1645 hrs	
Location:	Private airstrip, Usk, Gwent	
Type of Flight:	Private	
Persons on Board:	Crew - 1	Passengers - None
Injuries:	Crew - None	Passengers - N/A
Nature of Damage:	Damage to landing gear and pod	
Commander's Licence:	National Private Pilot's Licence	
Commander's Age:	51 years	
Commander's Flying Experience:	58 hours (of which 28 were on type) Last 90 days - 32 hours Last 28 days - 28 hours	
Information Source:	Aircraft Accident Report Form submitted by the pilot	

Following normal pre-flight checks, the pilot took off and climbed to a height of between 100 and 150 ft agl, at which point the engine lost power and he could no longer maintain altitude. Due to the close proximity of power lines, the choice of location for a forced landing was limited to a field containing crops, which were approximately 1.8 m high. The pilot elected to stall the aircraft as it touched the top of the crop, resulting

in damage to the nosewheel and pod assembly of the aircraft when it subsequently contacted the ground. Investigation of the engine identified a failure of the rocker arm that operated the inlet ports on one cylinder. As the engine was a twin cylinder model, the power generated by one operational cylinder alone had not been sufficient to maintain flight.