



AIRCRAFT ACCIDENT REPORT AND EXECUTIVE SUMMARY

				Reference:	CA18/2/3/9072	
Aircraft Registration	ZS-HIW	Date of Accident	19 August 2012		Time of Accident	0905Z
Type of Aircraft	EUROCOPTER AS 350 B3		Type of Operation	Private		
Pilot-in-command Licence Type		Private (H)	Age	53	Licence Valid	Yes
Pilot-in-command Flying Experience		Total Flying Hours	197.5		Hours on Type	19.5
Last point of departure		Portion 201, Bucklands, Douglas area (Northern Cape province)				
Next point of intended landing		Portion 201, Bucklands, Douglas area (Northern Cape province)				
Location of the accident site with reference to easily defined geographical points (GPS readings if possible)						
Portion 201, Bucklands, Douglas area (GPS position S 29°04'35.7" E 023°43'30.7")						
Meteorological Information		Wind: 020/26 knots, Visibility: 10 km, Temperature: 21°C, Dew point: 4°C, Cloud cover: CAVOK				
Number of people on board	2+0	No. of people injured	2	No. of people killed	0	
Synopsis						
<p>On 19 August 2012 at approximately 0800Z the pilot accompanied by her husband (also a qualified pilot on type) took off from their private helicopter landing area on a private flight.</p> <p>On their return, during the attempted landing, the pilot experience difficulty in landing the helicopter and her husband requested to assist her with the landing. During the hand-over from one pilot to the other, the helicopter violently yawed through 180 degrees. The male occupant who was now in control of the helicopter immediately applied more power to gain height in order to fly away. During the power application the helicopter suddenly started to yaw to the left (anti clockwise). The helicopter completed several 360 degree rotations to the left before it impacted with a house and there after the hangar. The helicopter came to rest on the right hand side of the hangar.</p> <p>One of the pilots sustained serious injuries and the other pilot minor injuries.</p> <p>The helicopter was destroyed during the accident sequence.</p>						
Probable Cause						
Impact with an obstruction (building) during an attempt to land in strong wind conditions.						
Contributory factors						
Incorrect flight control inputs during power application.						
IARC Date				Release Date		