

1. LOCATION OF OCCURRENCE

Bandya Homestead Aerodrome, Western Australia	Height a.m.s.l. (ft) 1600 feet	Date 19.1.70	Time (Local) 1005	Zone WST
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2. THE AIRCRAFT

Make and Model Piper PA28-140 "Cherokee"	Registration VH-SDP	Certificate of Airworthiness	Valid from 13.11.68	Valid to 12.11.77
Registered Owner Sports Specialists Pty. Ltd., 122 Murray Street, Perth, W.A.	Operator Sports Specialists Pty. Ltd., 122 Murray Street, Perth, W.A.	Degree of damage to aircraft Substantial		
Defects discovered		Other property damaged		

3. THE FLIGHT

Last or intended departure point Leonora	Time of departure 0703	Next point of intended landing Bandya Homestead	Purpose of flight Aerial Spotting	Class of operation Private
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4. THE CREW

Name	Status	Age	Class of licence	Hours on type	Total hours	Degree of injury
Alan Douglas FRIEND	Pilot	45	Private	46 hours	159 hours	Nil

5. OTHER PERSONS (All passengers and persons injured on ground)

Name	Status	Degree of injury	Name	Status	Degree of injury
William HALLIGAN	Passenger	Nil			
Geoffrey HULL	Passenger	Nil			

6. CONTRAVENTIONS OF REGULATIONS AND ORDERS


Regulation or Order No.	Nature of contravention

RELEVANT EVENTS

After flying northward and examining surface mineral characteristics from the air the pilot decided to return to Bandya Homestead where, on circling the 300 feet wide earth strip, he judged the wind to be directly across it and gusting between 10-15 knots. He selected full flap and approached to land, intending to touch down firstly on the left mainwheel and with the left wing lowered. The aircraft touched down on the left main wheel close to the centre of the strip and the nose wheel and right main wheel then quickly made contact. The aircraft ran straight and parallel to the edge of the strip for 350 feet, with the left wheel intermittently lifting, but it then commenced to veer to the left at an increasing rate. Despite the application of right rudder and the late use of brake the aircraft continued to swing and finally ran off the left hand edge of the strip and the nose wheel struck a low ridge of earth. The nosewheel assembly collapsed and the aircraft came to rest on the main wheels and lower engine cowlings.

8. OPINION AS TO CAUSE

The cause of the accident was that the pilot was inexperienced in making landings in strong crosswind conditions.

Report approved  (D.S. GRAHAM)	Designation Assistant Director-General (Air Safety Investigation)	Date 24.6.1970
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DEFINITIONS

ACCIDENT - An occurrence associated with the operation of an aircraft which takes place between the time any person boards the aircraft with the intention of flight until such time as all those persons have disembarked and in which

- (a) any person suffers death or serious injury as a result of being in or upon the aircraft or by direct contact with the aircraft or anything attached to the aircraft; or
- (b) the aircraft suffers substantial damage.

FATAL INJURY - Any injury which results in death within 30 days.

SERIOUS INJURY - Any injury other than a fatal injury which

- (a) requires hospitalisation for more than 48 hours, commencing within seven days from the date the injury was received; or
- (b) results in a fracture of any bone (except simple fractures of fingers, toes or nose); or
- (c) involves lacerations which cause severe haemorrhages, nerve, muscle or tendon damage; or
- (d) involves injury to any internal organ; or
- (e) involves second or third degree burns, or any burns affecting more than five percent of the body surface.

MINOR INJURY - Any injury other than as defined under "Fatal Injury" or "Serious Injury".

DESTROYED - Consumed by fire, demolished or damaged beyond repair.

SUBSTANTIAL DAMAGE - Damage or structural failure which adversely affects the structural strength, performance or flight characteristics of the aircraft and which would normally require major repair or replacement of the affected component. The following types of damage are specifically excluded: engine failure, damage limited to an engine, bent fairings or cowlings, dented skin, small punctured holes in the skin or fabric, taxi-ing damage to propeller blades, damage to tyres, engine accessories, brakes, or wingtips.

MINOR DAMAGE - Damage other than as defined under "Destroyed" or "Substantial Damage".