COMMONWEALTH OF AUSTRALIA
DEPARTMENT OF CIVIL AVIATION

1. LOCATION OF OCCURRENCE

AIRCRAFT ACCIDENT INVESTIGATION SUMMARY REPORT

Reference No.

AS/705/1017

TO ECCATION OF OCCURRE				Tu · i.	1 ((4)	Date	T /	L IX	Zone	
$8\frac{1}{2}$ miles south east of Moora, Western Australia				Height a.m.s.l. (ft) 600 feet		16.4.70	Time (Local) 1420		WST	
THE AIRCRAFT	·				· ·					
Make and Model Cessna 185A		Registration VH-AGK		Certificate of Airwarthiness		Valid from 9.4.65	·	Valid to 8.4.74		
Agricultural & General Aviation Pty. Ltd, P.O. Box 37, Applecross, Western Australia.		Operator Agricultural & Ger Pty. Ltd., P.O. Box 37, Applecross, Weste				Degree of damage to aircraft Substantial Other property damaged Nil				
										Pefects discovered Fatigue crack in left ma
3. THE FLIGHT			·		<u>. </u>		·			
Last or intended deporture point										
Agricultural Strip	1415	Point of departure		ure	Superphosphate Spreading		Aerial Work			
THE CREW	Status	Age	Class of	licence	Hours on type	e Total hours		Decree of		
	5,0105	- Age	Class of licence Commercial			e Total nadrs		Degree of injury		
Brian STANAWAY	Pilot	33			2755	3977		Nil		
5. OTHER PERSONS (All pa					<u></u>	····				
Name	Status	Degree of	injury ·		Name		Status	Deg	ree of injury	
6. CONTRAVENTIONS OF R	EGULATIONS AND	ORDERS				L				
Regulation or Order No.				Nature of c	ontrovention					
RELEVANT EVENTS							.——			
On the 38th landing since open and empty and full leg fractured eight inche travelling about 300 feet and sliding to the left an	flap lowered. As es from the inboar the pilot was una d turned through	s the airc rd end at able to m 180 degr	eraft touch t the bend aintain co rees befor	ned down radius. ontrol of e coming	the port of The port the aircra g to rest 55	indercarria wing drop ft, which c 25 feet afte	nge main ped and ommend r touch	n spring after ced turn down.	ning	
Examination of the broke a possible small materia in the initiation of a fatig	al defect and the	presence	of light s	surface c	orrosion r					
								·		
8. OPINION AS TO CAUSE				·						
The cause of the accident fatigue cracking.	nt was that the und	dercarri	age sprin	g leg fail	ed at a poi	int weakene	ed by			
Papari approved	(D.S	. GRAHA		Designation Assistan (Air Sal	t Director ety Invest	-General	Date 3,2,197	71		

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 cowling, 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".