COMMONWEALTH OF AUSTRALIA

DEPARTMENT OF TRANSPORT

AIRCRAFT ACCIDENT INVESTIGATION SUMMARY REPORT Publication of this report is sutherlised by the Secretary under the provisions of Air Movigation Regulations 263 (1)

SI/792/1087

1. LOCAT	TION OF OCCURREN	ICE			Height e.m		Dete	Time (Le		1.
27 km south of Captain's Flat, NSW						feet	6.12.79		hours	ESu T
	IRCRAFT									
Do Haville	Registratio		Certificate	ote of Airworthiness Valid from 22,4,1977						
De Havilland DHC-2			VH-MLB			vallu II	Degree of demage to aircraft			
Certificate of Registration issued to			Operator				Degree or se	Destroye		
							Other proper			
						Nil				
Defects discovi	or o d									
	Pre-existing cr	acks in vertical	l stabilis	er attac	hment fittir	ngs.		ī		
3. THE F	LIGHT					· · · · · · · · · · · · · · · · · · ·				
Last or intende	Last or intended departure point. Time of departure		Next point of intende		ded landing	Purpose of fli	Purpose of flight		Class of operation	
Agricultu	Agricultural Strip 1720 hours		Agricultural		al Strip	Strip Superpl Spreadi		Aeı	Aerial Work	
THE CREW										
Namo		Status	Age	Class	of licence	Hours on type	Total how	·• · ·	Degree of Injury	
		Pilot	30	30 Commercial		599	8646	8646		Fatal
5. OTHER	PERSONS (All poss	engers and persons	s injured o	n ground))		<u>L</u>			
Ni l		Status	Degree of Injury			Neme		Status	etus Degree of injury	
RELEY	ANT EVENTS	<u> </u>	······································						<u> </u>	
The pilot had been spreading superphosphate on a number of adjacent properties since about 0730 hours. At approximately 1630 hours he landed to refuel the aircraft and load the remaining superphosphate at the strip. His intention was to make one final spreading run and then position the aircraft at another nearby agricultural strip in preparation for further operations. At 1730 hours the aircraft was observed completing a spreading run, from east to west, at a height of approximately 300 feet above ground level. An object was then seen to fall from the aircraft. The aircraft briefly oscillated and then dived steeply to the ground. A fire broke out on impact. Examination of the wreckage established that the vertical stabilizer had separated from the aircraft in flight. This would have rendered the aircraft uncontrollable. Both right and left rear vertical stabilizer attachment fittings contained overload cracks that, by the degree of corrosion on the crack faces, had been present for										
a conside: completel	rable period of tin y failed under ope he vertical stabili	ne. The right rerating loads. To zer to separate	rear fitti The left i	ng had t rear fitt	hen been fu ing had thei	rther weak 1 also faile	ened by i	atigue cra he operati	icking, ing load	until it s,
that all re	The aircraft had all observed dam equired maintenanced procedures. It ad been sustained.	aged component ce and inspection was not establis	ts had be	en repla tail pla	aced, In ad ane had bee	dition, the	mainten out in acc	ance reco	rds indi i th t he	cated
7. OPINI	ON AS TO CAUSE									
occurred	The cause of that a time and und	ne accident was er circumstance								which
Approved for publication		Gurande	<i>A</i> 0	-	Hughes)			Date 4.5.	1981	
										