GOVERNMENT OF AUSTRALIA

Lynwood Farm, 5 miles west of Busselton, W.A.

DEPARTMENT OF TRANSPORT

Height a.m.s.l.

12 feet

Reference No.

Time (Local)

1.12.73

1450 hours

AIRCRAFT ACCIDENT INVESTIGATION SUMMARY REPORT

AS/735/1025

Zone

WST

Publication of this report is authorised by the Director-General of Civil Aviation under the provisions of Air Navigation Regulation 283(1)

1. LOCATION OF OCCURRENCE

2. THE AIRCRAFT										
Make and Model	Registration Certificate of Airworthiness					-				
Auster J5 Autocrat		VH-KSV Valid from			rom 24.9.6	om 24.9.65 to 23.9.74				
Certificate of Registration issued to		Operator				Degree of damage tà aircráft				
M.E. Armstrong,		M.E. Armstrong,			1	Destroyed				
Lynwood Farm,		Lynwood Farm,				Other property damaged				
Vasse, Western Australia.		Vasse, Western Australia.				Nil				
Defects discovered				- <u></u>						
Fuel system heavily conta	minated with di	rt and i	nsect boo	lies.						
3. THE FLIGHT										
Last or intended departure point	Time of departure	Next point of intended landing		ed landing	Purpose of flight			Class of operation		
Lynwood Farm	1435 hours	Point of departure		Pleasure			Private			
THE CREW										
Name	Status	Age	Class of licence		Hours on type	Total h irs		Degree of injury		
Murray Edward ARMSTRONG	Pilot	35 Student		11 (Approx.)	11 36 pprox.) (Approx.)		Fatal			
5. OTHER PERSONS (All posse	engers and persons	injured a	n ground)						· · · · · · · · · · · · · · · · · · ·	
Name	Status	Degree of injury N			Name		Ste	atus .	Degree of in ary	
Alan Robert SHARP	Passenger	Fatal		Lindsay Kenneth ALI		REY	LEY Passenger		Fatal	
6. RELEVANT EVENTS										
Mr. Armstrong purchased authorised to perform such This work was not recorded major inspection followed 1973. Mr. Armstrong then holder of a student pilot lie of a flight instructor. He whosed with this type.	h work, modified in the aircrain by some 60 hours flew the aircrain cence, he was read not underta. The area from w	ed and fit log bo rs flying aft on vanot autho ken any which the k inch in	tted to the ok as is g before arious occurring to formal to a aircraft	ne aircraft required, again bein casions to pilot any craining on t was flow pipe whic	ta long ran The aircr ag delivered stalling son aircraft un the Auster on was orie h restricte	age for aft so to	uel tant ubseque the own hours he was craft a d north	c of unkinently under during although under and his lin/south	nown history. Inderwent a september, the being the the supervision icence was not and, although the of the	

OPINION AS TO CAUSE

The cause of the accident was that the pilot was not adequately trained or experienced to cope with a power loss which probably occurred as a result of improper maintenance practices.

sandy soil and insect bodies. Similar material was found in the long range fuel tank.

emitting puffs of black smoke and the aircraft immediately turned left until it was on a northerly heading, losing height slowly to the east of the landing area. As it neared the northern end of the area a left turn was made and there was a substantial loss of height. As the wings were levelled at a height of about 20 feet control of the aircraft apparently was lost and it struck the ground in a nose down attitude. A fierce fire broke out immediately. Investigation revealed that the fuel filter was blocked with a mixture of solid contaminants which included

Approved for publication Search & Jeans

(FRANK E. YEEND)

Do: 0 2.8.1974

elegate of the Director-General of Civil Aviation

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".