



National Transportation Safety Board Aviation Accident Final Report

Location:	MESA, AZ	Accident Number:	LAX85LA235
Date & Time:	05/01/1985, 1557 MST	Registration:	N7415C
Aircraft:	LOCKHEED PV-2	Aircraft Damage:	Substantial
Defining Event:		Injuries:	2 None

Flight Conducted Under: Part 91: General Aviation -

Analysis

FOLLOWING A DURAL ENGINE CHANG, THE PLT TEST FLEW THE ACFT. ON INITIAL CLIMB, AT ABOUT 500 FT AGL, BOTH ENGINES BEGAN BACKFIRING VIOLENTLY & LOST POWER. ACCORDING TO THE PLT, POWER SUFFICIENT FOR FLT COULD NOT BE OBTAINED, & A FORCED LDG WAS MADE ABOUT 0.75 MILES FROM THE ARPT. THE LDG OCCURRED IN OPEN DESERT TERRAIN & THE ACFT WAS SUBSTANTIALLY DAMAGED. THE PLT ACKNOWLEDGED THAT HE DID NOT CHECK THE POSITION OF THE CONTROL HANDLES FOR THE SUPERCHARGERS DURING EITHER HIS PRE-FLIGHT OR PRE-TAKEOFF INSPECTIONS. AND THE BLOWERS HAD BEEN INADVERTENTLY LEFT SET TO THE HIGH BLOWER POSITION. ACCORDING TO THE PLT, THE CHECKLIST WHICH HE WAS USING FOR THE ACFT DID NOT ADDRESS THE POSITION OF THE BLOWERS BECAUSE FOR THE PAST 15 YRS IT HAD BEEN COMPANY POLICY TO 'WIRE THE BLOWERS TO THE LOW BLOWER POSITION.'

Probable Cause and Findings

The National Transportation Safety Board determines the probable cause(s) of this accident to be:

Findings

Occurrence #1: LOSS OF ENGINE POWER(PARTIAL) - NONMECHANICAL
Phase of Operation: TAKEOFF - ROLL/RUN

Findings

1. (C) CHECKLIST - INACCURATE - PILOT IN COMMAND
2. (C) POWERPLANT CONTROLS - IMPROPER - PILOT IN COMMAND

Occurrence #2: FORCED LANDING
Phase of Operation: DESCENT - EMERGENCY

Occurrence #3: IN FLIGHT COLLISION WITH TERRAIN/WATER
Phase of Operation: LANDING - FLARE/TOUCHDOWN

Findings

3. AIRPORT FACILITIES,RUNWAY/LANDING AREA CONDITION - NONE SUITABLE
4. TERRAIN CONDITION - ROUGH/UNEVEN

Factual Information

Pilot Information

Certificate:	Flight Instructor; Commercial	Age:	56, Male
Airplane Rating(s):	Multi-engine Land; Multi-engine Sea; Single-engine Land	Seat Occupied:	Left
Other Aircraft Rating(s):	Helicopter	Restraint Used:	Seatbelt, Shoulder harness
Instrument Rating(s):	Airplane	Second Pilot Present:	Yes
Instructor Rating(s):	Airplane Multi-engine; Airplane Single-engine; Helicopter	Toxicology Performed:	No
Medical Certification:	Class 2 Valid Medical--w/ waivers/lim.	Last FAA Medical Exam:	11/14/1984
Occupational Pilot:		Last Flight Review or Equivalent:	
Flight Time:	11750 hours (Total, all aircraft), 220 hours (Total, this make and model), 11000 hours (Pilot In Command, all aircraft), 35 hours (Last 90 days, all aircraft), 3 hours (Last 24 hours, all aircraft)		

Aircraft and Owner/Operator Information

Aircraft Make:	LOCKHEED	Registration:	N7415C
Model/Series:	PV-2 PV-2	Aircraft Category:	Airplane
Year of Manufacture:		Amateur Built:	No
Airworthiness Certificate:	Restricted	Serial Number:	151608
Landing Gear Type:	Retractable - Tailwheel	Seats:	2
Date/Type of Last Inspection:	Unknown	Certified Max Gross Wt.:	33000 lbs
Time Since Last Inspection:		Engines:	2 Reciprocating
Airframe Total Time:		Engine Manufacturer:	P&W
ELT:	Not installed	Engine Model/Series:	R-2800-31
Registered Owner:	GLOBE AIR INC.	Rated Power:	1450 hp
Operator:	GLOBE AIR INC.	Operating Certificate(s) Held:	On-demand Air Taxi (135)

Meteorological Information and Flight Plan

Conditions at Accident Site:	Visual Conditions	Condition of Light:	Day
Observation Facility, Elevation:	, 0 ft msl	Distance from Accident Site:	0 Nautical Miles
Observation Time:	0000	Direction from Accident Site:	0°
Lowest Cloud Condition:	Scattered / 5000 ft agl	Visibility	20 Miles
Lowest Ceiling:	None / 0 ft agl	Visibility (RVR):	0 ft
Wind Speed/Gusts:	8 knots /	Turbulence Type Forecast/Actual:	/
Wind Direction:	225°	Turbulence Severity Forecast/Actual:	/
Altimeter Setting:	29 inches Hg	Temperature/Dew Point:	35° C
Precipitation and Obscuration:			
Departure Point:	MESA, AZ (FFZ)	Type of Flight Plan Filed:	None
Destination:	MESA, AZ (FFZ)	Type of Clearance:	None
Departure Time:	1550 MST	Type of Airspace:	Class G

Wreckage and Impact Information

Crew Injuries:	2 None	Aircraft Damage:	Substantial
Passenger Injuries:	N/A	Aircraft Fire:	Unknown
Ground Injuries:	N/A	Aircraft Explosion:	None
Total Injuries:	2 None	Latitude, Longitude:	

Administrative Information

Investigator In Charge (IIC):	WAYNE POLLACK	Report Date:	
Additional Participating Persons:	BARRY PHILLIPS; SCOTTSDALE, AZ		
Publish Date:			
Investigation Docket:	NTSB accident and incident dockets serve as permanent archival information for the NTSB's investigations. Dockets released prior to June 1, 2009 are publicly available from the NTSB's Record Management Division at pubinquiry@ntsb.gov , or at 800-877-6799. Dockets released after this date are available at http://dms.nts.gov/pubdms/ .		

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The Independent Safety Board Act, as codified at 49 U.S.C. Section 1154(b), precludes the admission into evidence or use of any part of an NTSB report related to an incident or accident in a civil action for damages resulting from a matter mentioned in the report. A factual report that may be admissible under 49 U.S.C. § 1154(b) is available [here](#).