



National Transportation Safety Board Aviation Accident Data Summary

Location:	PHOENIX, AZ	Accident Number:	LAX94LA209
Date & Time:	05/01/1994, 1430 MST	Registration:	N1454S
Aircraft:	CESSNA 182P	Injuries:	1 Minor, 2 None
Flight Conducted Under:	Part 91: General Aviation - Personal		

Analysis

The pilot completed the preflight inspection of the aircraft and loaded his passengers on board. The aircraft had been idle for about a month. On the first start attempt, the engine turned over very slowly and the pilot discontinued the start cycle. The pilot got out of the aircraft to pull the propeller through several revolutions and, as he did so, the engine suddenly started and went to a high power setting. The pilot said he tried to get back into the cockpit, but he had trouble with the door latch. The pilot next attempted to restrain the aircraft by holding the tail, but he was knocked to the ground in the effort. The aircraft ran into a hangar, bending a wing spar. The pilot said that on reflection he believes that he forgot to turn off the magnetos completely before trying to turn the propeller through the revolutions.

Probable Cause

The National Transportation Safety Board determines the probable cause(s) of this accident to be: the pilot's failure to ensure that the magneto switch was in the off position prior to rotating the propeller by hand.

Findings

Occurrence #1: ON GROUND/WATER COLLISION WITH OBJECT
Phase of Operation: STANDING - STARTING ENGINE(S)

Findings

1. OBJECT - BUILDING(NONRESIDENTIAL)
2. (C) POWERPLANT CONTROLS - IMPROPER USE OF - PILOT IN COMMAND

Pilot Information

Certificate:	Private	Age:	35
Airplane Rating(s):	Single-engine Land	Instrument Rating(s):	None
Other Aircraft Rating(s):	None	Instructor Rating(s):	None
Flight Time:	425 hours (Total, all aircraft)		

Aircraft and Owner/Operator Information

Aircraft Make:	CESSNA	Registration:	N1454S
Model/Series:	182P 182P	Engines:	1 Reciprocating
Operator:	DANIEL G. FISHER	Engine Manufacturer:	CONTINENTAL
Operating Certificate(s) Held:	None	Engine Model/Series:	O-470
Flight Conducted Under:	Part 91: General Aviation - Personal		

Meteorological Information and Flight Plan

Conditions at Accident Site:	Visual Conditions	Condition of Light:	Day
Observation Facility, Elevation:	, 0 ft msl	Weather Information Source:	Witness
Lowest Ceiling:	None / 0 ft agl	Wind Speed/Gusts, Direction:	/ ,
Temperature:		Visibility	30 Miles
Precipitation and Obscuration:			
Departure Point:	(DVT)	Destination:	TUSCON, AZ (TUS)

Airport Information

Airport:	DEER VALLEY (DVT)	Runway Surface Type:	
Runway Used:	0	Runway Surface Condition:	
Runway Length/Width:			

Wreckage and Impact Information

Crew Injuries:	1 Minor	Aircraft Damage:	Substantial
Passenger Injuries:	2 None	Aircraft Fire:	None
Ground Injuries:	N/A	Aircraft Explosion:	None

Latitude, Longitude:

Administrative Information

Investigator In Charge (IIC):	JEFF RICH,	Adopted Date:	11/14/1994
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 pubinq@ntsb.gov , or at 800-877-6799. Dockets released after this date are available at http://dms.nts.gov/pubdms/ .		

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