



National Transportation Safety Board Aviation Accident Data Summary

Location:	SCOTTS VALLEY, CA	Accident Number:	LAX82FVM17
Date & Time:	08/01/1982, 1625 PDT	Registration:	N61861
Aircraft:	GREAT LAKES 2T-1A-2	Injuries:	1 Fatal
Flight Conducted Under:	Part 91: General Aviation -		

Analysis

WHILE PERFORMING IN AN AEROBATIC SHOW, THE PILOT ENTERED A SPIN. ACCORDING TO A WITNESS, HE ENTERED THE SPIN AT ABOUT 2000 FT AGL AND MADE APPROXIMATELY 5 TURNS BEFORE STARTING A RECOVERY AT ABOUT 500 FT AGL. HE STOPPED THE SPIN, BUT THERE WAS INSUFFICIENT ALTITUDE TO PULL OUT. THE AIRCRAFT STRUCK A HILL, CARTWHEELED AND CAME TO REST, INVERTED, IN A SMALL RESERVOIR. IT THEN FLOATED TOWARD THE CENTER OF THE RESERVOIR AND SANK IN ABOUT 7 FT OF WATER. AN INSPECTION OF THE WRECKAGE REVEALED NO EVIDENCE OF AN IN-FLIGHT STRUCTURAL FAILURE OR CONTROL PROBLEM.

Probable Cause

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

Findings

Occurrence #1: IN FLIGHT COLLISION WITH TERRAIN/WATER
Phase of Operation: MANEUVERING

Findings

1. AEROBATICS - PERFORMED - PILOT IN COMMAND
2. (C) ALTITUDE - MISJUDGED - PILOT IN COMMAND
3. (F) TERRAIN CONDITION - ROUGH/UNEVEN

Pilot Information

Certificate:	Airline Transport	Age:	43
Airplane Rating(s):	Multi-engine Land; Single-engine Land	Instrument Rating(s):	Airplane
Other Aircraft Rating(s):		Instructor Rating(s):	None
Flight Time:	20752 hours (Total, all aircraft), 402 hours (Total, this make and model)		

Aircraft and Owner/Operator Information

Aircraft Make:	GREAT LAKES	Registration:	N61861
Model/Series:	2T-1A-2 2T-1A-2	Engines:	1 Reciprocating
Operator:	CAYMON ENTERPRISES	Engine Manufacturer:	LYCOMING
Operating Certificate(s) Held:		Engine Model/Series:	AEIO-360
Flight Conducted Under:	Part 91: General Aviation -		

Meteorological Information and Flight Plan

Conditions at Accident Site:	Visual Conditions	Condition of Light:	Day
Observation Facility, Elevation:	, 0 ft msl	Weather Information Source:	Unknown
Lowest Ceiling:	Unknown / 0 ft agl	Wind Speed/Gusts, Direction:	/ , Variable
Temperature:	80° C	Visibility	50 Miles
Precipitation and Obscuration:			
Departure Point:	SANTA CRUZ, CA	Destination:	SANTA CRUZ, CA

Wreckage and Impact Information

Crew Injuries:	1 Fatal	Aircraft Damage:	Destroyed
Passenger Injuries:	N/A	Aircraft Fire:	None
Ground Injuries:	N/A	Aircraft Explosion:	None
Latitude, Longitude:			

Administrative Information

Investigator In Charge (IIC):	Adopted Date: 08/01/1983
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.ntsbt.gov/pubdms/ .

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