



National Transportation Safety Board Aviation Accident Factual Report

Location:	CHANDALAR LAKE, AK	Accident Number:	ANC84LA156
Date & Time:	09/01/1984, 1700 AKD	Registration:	N5023P
Aircraft:	PIPER PA-24-180	Aircraft Damage:	Substantial
Defining Event:		Injuries:	4 None
Flight Conducted Under:	Part 91: General Aviation - Personal		

Pilot Information

Certificate:	Private	Age:	71, Male
Airplane Rating(s):	Single-engine Land	Seat Occupied:	Left
Other Aircraft Rating(s):	None	Restraint Used:	Seatbelt
Instrument Rating(s):	None	Second Pilot Present:	No
Instructor Rating(s):	None	Toxicology Performed:	No
Medical Certification:	Class 3 Valid Medical--no waivers/lim.	Last FAA Medical Exam:	09/07/1982
Occupational Pilot:		Last Flight Review or Equivalent:	
Flight Time:	2000 hours (Total, all aircraft), 2000 hours (Pilot In Command, all aircraft), 10 hours (Last 90 days, all aircraft), 2 hours (Last 24 hours, all aircraft)		

Aircraft and Owner/Operator Information

Aircraft Make:	PIPER	Registration:	N5023P
Model/Series:	PA-24-180 PA-24-180	Aircraft Category:	Airplane
Year of Manufacture:		Amateur Built:	No
Airworthiness Certificate:	Normal	Serial Number:	24-26
Landing Gear Type:	Tricycle	Seats:	4
Date/Type of Last Inspection:	05/31/1984, Annual	Certified Max Gross Wt.:	2550 lbs
Time Since Last Inspection:		Engines:	1 Reciprocating
Airframe Total Time:		Engine Manufacturer:	LYCOMING
ELT:	Installed, activated, did not aid in locating accident	Engine Model/Series:	O-360-A1A
Registered Owner:	HOWARD CHARLES SPARKS	Rated Power:	180 hp
Operator:	HOWARD CHARLES SPARKS	Operating Certificate(s) Held:	None

Meteorological Information and Flight Plan

Conditions at Accident Site:	Visual Conditions	Condition of Light:	Day
Observation Facility, Elevation:	WCR, 1920 ft msl	Distance from Accident Site:	1 Nautical Miles
Observation Time:	1700 AKT	Direction from Accident Site:	45°
Lowest Cloud Condition:	Scattered / 0 ft agl	Visibility	15 Miles
Lowest Ceiling:	None / 0 ft agl	Visibility (RVR):	0 ft
Wind Speed/Gusts:	11 knots / 11 knots	Turbulence Type Forecast/Actual:	/
Wind Direction:	110°	Turbulence Severity Forecast/Actual:	/
Altimeter Setting:	30 inches Hg	Temperature/Dew Point:	11° C / -11° C
Precipitation and Obscuration:			
Departure Point:	CHANDALAR LAKE, AK (WCR)	Type of Flight Plan Filed:	VFR
Destination:	FAIRBANKS, AK (FAI)	Type of Clearance:	None
Departure Time:	1700 AKT	Type of Airspace:	Class G

Airport Information

Airport:	CHANDELAR LAKE (WCR)	Runway Surface Type:	Gravel
Airport Elevation:	1920 ft	Runway Surface Condition:	Dry
Runway Used:	3	IFR Approach:	None
Runway Length/Width:	4500 ft / 80 ft	VFR Approach/Landing:	None

Wreckage and Impact Information

Crew Injuries:	1 None	Aircraft Damage:	Substantial
Passenger Injuries:	3 None	Aircraft Fire:	None
Ground Injuries:	N/A	Aircraft Explosion:	None
Total Injuries:	4 None	Latitude, Longitude:	

Administrative Information

Investigator In Charge (IIC):	MARC STELLA
Additional Participating Persons:	MURRAY M SHAIN
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/ .