



National Transportation Safety Board Aviation Accident Data Summary

Location:	NENANA, AK	Accident Number:	ANC97TA096
Date & Time:	07/02/1997, 0815 AKD	Registration:	N5582C
Aircraft:	Piper PA-18	Injuries:	2 None
Flight Conducted Under:	Part 91: General Aviation -		

Analysis

The pilot was landing a tundra tire and tailwheel equipped airplane on an asphalt surfaced runway for the purpose of practicing touch-and-go landings. During the landing roll, the airplane ground looped to the right. The left main gear collapsed, and the left wing struck the ground. The pilot indicated he had accrued 172.4 hours of total pilot experience with about 18 hours in tailwheel airplanes. The airplane received damage to the left wing, left landing gear, left elevator, and the fuselage, forward of the tail wheel. Also, the pilot reported calm wind conditions.

Probable Cause

The National Transportation Safety Board determines the probable cause(s) of this accident to be: failure of the pilot to maintain directional control of the airplane, which resulted in an inadvertent ground loop and a collapsed main landing gear. His lack of experience in tailwheel airplanes was a related factor.

Findings

Occurrence #1: LOSS OF CONTROL - ON GROUND/WATER
Phase of Operation: LANDING - ROLL

Findings

1. (C) DIRECTIONAL CONTROL - NOT MAINTAINED - PILOT IN COMMAND
2. (C) GROUND LOOP/SWERVE - INADVERTENT - PILOT IN COMMAND
3. (F) LACK OF TOTAL EXPERIENCE IN KIND OF AIRCRAFT - PILOT IN COMMAND

Occurrence #2: MAIN GEAR COLLAPSED
Phase of Operation: LANDING - ROLL

Findings

4. LANDING GEAR,MAIN GEAR - OVERLOAD

Pilot Information

Certificate:	Private	Age:	46
Airplane Rating(s):	Single-engine Land	Instrument Rating(s):	None
Other Aircraft Rating(s):	None	Instructor Rating(s):	None
Flight Time:	172 hours (Total, all aircraft), 11 hours (Total, this make and model), 59 hours (Pilot In Command, all aircraft), 10 hours (Last 90 days, all aircraft), 8 hours (Last 30 days, all aircraft), 1 hours (Last 24 hours, all aircraft)		

Aircraft and Owner/Operator Information

Aircraft Make:	Piper	Registration:	N5582C
Model/Series:	PA-18 PA-18	Engines:	1 Reciprocating
Operator:	ALASKA STATE TROOPERS	Engine Manufacturer:	Lycoming
Operating Certificate(s) Held:	None	Engine Model/Series:	O-320
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:	Pilot
Lowest Ceiling:	None / 0 ft agl	Wind Speed/Gusts, Direction:	Calm / ,
Temperature:	24° C	Visibility	10 Miles
Precipitation and Obscuration:			
Departure Point:	FAIRBANKS, AK (FAI)	Destination:	(ENN)

Airport Information

Airport:	NENANA (ENN)	Runway Surface Type:	Asphalt
Runway Used:	3	Runway Surface Condition:	Dry
Runway Length/Width:	5000 ft / 100 ft		

Wreckage and Impact Information

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

Administrative Information

Investigator In Charge (IIC): SCOTT R ERICKSON Adopted Date: 07/13/1998

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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