



National Transportation Safety Board Aviation Accident Data Summary

Location:	PRESCOTT, AZ	Accident Number:	LAX87LA130
Date & Time:	03/02/1987, 1505 MST	Registration:	N1474R
Aircraft:	GRUMMAN AA-1B	Injuries:	1 None
Flight Conducted Under:	Part 91: General Aviation - Instructional		

Analysis

DURING A LOCAL SOLO INSTRUCTIONAL FLIGHT, THE PILOT REPORTED THAT ON LANDING, THE AIRCRAFT TOUCHED-DOWN ON THE NOSEWHEEL FIRST AND BOUNCED. THE AIRCRAFT SWERVED TO THE RIGHT AND THE PILOT ADDED POWER TO INITIATE A GO-AROUND, HOWEVER, THE AIRCRAFT DID NOT CLEAR A FOUR FT SNOWBANK ON THE SIDE OF THE RUNWAY. THE AIRCRAFT COLLIDED WITH THE SNOWBANK IN A NOSE LOW ATTITUDE AND NOSED OVER. THE PILOT REPORTED NO MECHANICAL FAILURE OR MALFUNCTION WITH THE AIRCRAFT PRIOR TO THE ACCIDENT.

Probable Cause

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

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. (F) TOTAL - PILOT IN COMMAND
 3. (F) REMEDIAL ACTION - DELAYED - PILOT IN COMMAND
 4. (F) RECOVERY FROM BOUNCED LANDING - POOR - PILOT IN COMMAND
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Occurrence #2: IN FLIGHT COLLISION WITH TERRAIN/WATER
Phase of Operation: GO-AROUND (VFR)

Findings

5. (F) TERRAIN CONDITION - SNOWBANK
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Occurrence #3: NOSE OVER
Phase of Operation: GO-AROUND (VFR)

Pilot Information

Certificate:	Student	Age:	39
Airplane Rating(s):	Single-engine Land	Instrument Rating(s):	None
Other Aircraft Rating(s):	None	Instructor Rating(s):	None
Flight Time:	44 hours (Total, all aircraft), 35 hours (Total, this make and model), 17 hours (Pilot In Command, all aircraft), 22 hours (Last 90 days, all aircraft), 4 hours (Last 24 hours, all aircraft)		

Aircraft and Owner/Operator Information

Aircraft Make:	GRUMMAN	Registration:	N1474R
Model/Series:	AA-1B AA-1B	Engines:	1 Reciprocating
Operator:	MICHAEL D. COLLINS	Engine Manufacturer:	LYCOMING
Operating Certificate(s) Held:	None	Engine Model/Series:	O-235-C2C
Flight Conducted Under:	Part 91: General Aviation - Instructional		

Meteorological Information and Flight Plan

Conditions at Accident Site:	Visual Conditions	Condition of Light:	Day
Observation Facility, Elevation:	PRC, 5042 ft msl	Weather Information Source:	Weather Observation Facility
Lowest Ceiling:	None / 0 ft agl	Wind Speed/Gusts, Direction:	Calm / ,
Temperature:	7°C	Visibility	65 Miles
Precipitation and Obscuration:			
Departure Point:	PRESCOTT, AZ (PRC)	Destination:	

Airport Information

Airport:	PRESCOTT (PRC)	Runway Surface Type:	Asphalt
Runway Used:	21	Runway Surface Condition:	Snow--dry
Runway Length/Width:	7616 ft / 150 ft		

Wreckage and Impact Information

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

Administrative Information

Investigator In Charge (IIC): DEBRA J ECKROTE Adopted Date: 03/21/1988

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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