



National Transportation Safety Board Aviation Accident Data Summary

Location:	TRUCKEE, CA	Accident Number:	LAX91LA064
Date & Time:	01/01/1991, 1205 PST	Registration:	N1641R
Aircraft:	GRUMMAN AA1B	Injuries:	2 None
Flight Conducted Under:	Part 91: General Aviation - Personal		

Analysis

THE PILOT OF A GRUMMAN AA1B, EXPERIENCED A LOSS OF CONTROL WHILE LANDING. THE PILOT STATED HE FLARED TOO HIGH AND FAILED TO ADD POWER IN TIME TO SOFTEN THE LANDING. THE AIRCRAFT EXITED THE LEFT SIDE OF THE RUNWAY INTO A SNOW BANK AND NOSED OVER.

Probable Cause

The National Transportation Safety Board determines the probable cause(s) of this accident to be:
1) THE PILOTS IMPROPER FLARE MANEUVER; 2) HIS FAILURE TO PERFORM A BOUNCED LANDING RECOVERY; AND 3) HIS FAILURE TO MAINTAIN DIRECTIONAL CONTROL OF THE AIRCRAFT.

Findings

Occurrence #1: HARD LANDING
Phase of Operation: LANDING - FLARE/TOUCHDOWN

Findings
1. (C) FLARE - MISJUDGED - PILOT IN COMMAND
2. (C) RECOVERY FROM BOUNCED LANDING - NOT PERFORMED - PILOT IN COMMAND

Occurrence #2: LOSS OF CONTROL - ON GROUND/WATER
Phase of Operation: LANDING - ROLL

Findings
3. (C) DIRECTIONAL CONTROL - NOT MAINTAINED - PILOT IN COMMAND

Occurrence #3: NOSE OVER
Phase of Operation: LANDING - ROLL

Pilot Information

Certificate:	Private	Age:	36
Airplane Rating(s):	Single-engine Land	Instrument Rating(s):	None
Other Aircraft Rating(s):	None	Instructor Rating(s):	
Flight Time:	221 hours (Total, all aircraft), 190 hours (Total, this make and model), 183 hours (Pilot In Command, all aircraft)		

Aircraft and Owner/Operator Information

Aircraft Make:	GRUMMAN	Registration:	N1641R
Model/Series:	AA1B AA1B	Engines:	1 Reciprocating
Operator:	JOEL W. BURNS	Engine Manufacturer:	LYCOMING
Operating Certificate(s) Held:	None	Engine Model/Series:	O-235-C2C
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:	TRK, 5900 ft msl	Weather Information Source:	Weather Observation Facility
Lowest Ceiling:	None / 0 ft agl	Wind Speed/Gusts, Direction:	Calm / ,
Temperature:		Visibility	30 Miles
Precipitation and Obscuration:			
Departure Point:	LINCOLN, CA (051)	Destination:	

Airport Information

Airport:	TRUCKEE (TRK)	Runway Surface Type:	Asphalt
Runway Used:	28	Runway Surface Condition:	Dry
Runway Length/Width:	6401 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): George E Petterson Adopted Date: 02/08/1993

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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