

		NTSB ID: LAX98LA058		Aircraft Registration Number: N5058L	
		Occurrence Date: 12/20/1997		Most Critical Injury: None	
		Occurrence Type: Accident		Investigated By: NTSB	
Location/Time					
Nearest City/Place TRUCKEE		State CA	Zip Code 96161	Local Time 1015	Time Zone PST
Airport Proximity: Off Airport/Airstrip		Distance From Landing Facility: 3		Direction From Airport: 350	
Aircraft Information Summary					
Aircraft Manufacturer Bellanca		Model/Series 8KCAB		Type of Aircraft Airplane	
Sightseeing Flight: No			Air Medical Transport Flight: No		
Narrative					
<p>Brief narrative statement of facts, conditions and circumstances pertinent to the accident/incident:</p> <p>On December 20, 1997, at 1015 hours Pacific standard time, a Bellanca 8KCAB, N5058L, was substantially damaged when it nosed over during a forced landing on a snow covered field 3 statute miles northeast of Truckee, California. The solo commercial pilot was not injured. The pilot stated that the engine started to run rough during the climb and then stopped suddenly with the propeller in a horizontal position. Several restart attempts were unsuccessful. The flight departed the Truckee-Tahoe Airport on a personal flight to Smith Ranch, Marinwood, California, and no flight plan was filed. Visual meteorological conditions prevailed at the time.</p> <p>The Federal Aviation Administration (FAA) inspector who investigated the accident site stated that he observed a considerable amount of engine oil on the underside of the engine, the belly of the aircraft, and the engine compartment firewall. He also stated that after righting the aircraft it was noted that the engine could not be rotated in either direction due to an apparent internal mechanical restriction.</p> <p>A teardown inspection of the engine was performed at the owner's maintenance base. The FAA inspectors who witnessed the inspection reported that the number 3 rod assembly had experienced a progressive failure. (See attached FAA Report of Engine Inspection.)</p>					
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 <b>National Transportation Safety Board</b> <b>FACTUAL REPORT</b> <b>AVIATION</b>		NTSB ID: LAX98LA058			
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<b>Landing Facility/Approach Information</b>					
Airport Name	Airport ID:	Airport Elevation	Runway Used	Runway Length	Runway Width
TRUCKEE-TAHOE	TRK	Ft. MSL	0		
Runway Surface Type:					
Runway Surface Condition:					
Type Instrument Approach: NONE					
VFR Approach/Landing: Forced Landing					
<b>Aircraft Information</b>					
Aircraft Manufacturer		Model/Series		Serial Number	
Bellanca		8KCAB		558-79	
Airworthiness Certificate(s): Acrobatic; Normal					
Landing Gear Type: Tailwheel					
Homebuilt Aircraft? No	Number of Seats: 2	Certified Max Gross Wt.	1800 LBS	Number of Engines: 1	
Engine Type:	Engine Manufacturer:	Model/Series:	Rated Power:		
Reciprocating	Lycoming	AEIO-360-HIA	180 HP		
- Aircraft Inspection Information					
Type of Last Inspection	Date of Last Inspection	Time Since Last Inspection	Airframe Total Time		
Annual	07/1997	58 Hours	4306 Hours		
- Emergency Locator Transmitter (ELT) Information					
ELT Installed? Yes	ELT Operated? No	ELT Aided in Locating Accident Site?			
<b>Owner/Operator Information</b>					
Registered Aircraft Owner		Street Address			
JOHN C. NICKEL		5335 COLLEGE AVE, SUITE 5			
		City	State	Zip Code	
		OAKLAND	CA	94618	
Operator of Aircraft		Street Address			
Same as Reg'd Aircraft Owner		Same as Reg'd Aircraft Owner			
		City	State	Zip Code	
Operator Does Business As:			Operator Designator Code:		
- Type of U.S. Certificate(s) Held: None					
Air Carrier Operating Certificate(s):					
Operating Certificate:			Operator Certificate:		
Regulation Flight Conducted Under: Part 91: General Aviation					
Type of Flight Operation Conducted: Personal					

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**First Pilot Information**

Name On File	City On File	State On File	Date of Birth On File	Age 44
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Sex: M	Seat Occupied: Front	Principal Profession: Business	Certificate Number: On File
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Certificate(s): Commercial

Airplane Rating(s): Single-engine Land

Rotorcraft/Glider/LTA:

Instrument Rating(s): Airplane

Instructor Rating(s): None

Type Rating/Endorsement for Accident/Incident Aircraft?	Current Biennial Flight Review?
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Medical Cert.: Class 2	Medical Cert. Status: Valid Medical--no waivers/lim.	Date of Last Medical Exam: 05/1996
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- Flight Time Matrix	All A/C	This Make and Model	Airplane Single Engine	Airplane Multi-Engine	Night	Instrument		Rotorcraft	Glider	Lighter Than Air
						Actual	Simulated			
Total Time	601	107	601		40	9	79			
Pilot In Command(PIC)	560	105	560		39	5	79			
Instructor										
Last 90 Days	24	24	24							
Last 30 Days	4	4	4							
Last 24 Hours	2	2	2							

Seatbelt Used? Yes	Shoulder Harness Used? Yes	Toxicology Performed?	Second Pilot? No
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**Flight Plan/Itinerary**

Type of Flight Plan Filed: None

Departure Point Same as Accident/Incident Location	State	Airport Identifier TRK	Departure Time 1010	Time Zone PST
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Destination MARINWOOD	State CA	Airport Identifier CA35	
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Type of Clearance: None

Type of Airspace: Class G

**Weather Information**

Source of Briefing:  
No record of briefing

Method of Briefing:

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<b>Weather Information</b>					
WOF ID	Observation Time	Time Zone	WOF Elevation	WOF Distance From Accident Site	Direction From Accident Site
	0000		0 Ft. MSL	0 NM	0 Deg. Mag.
Sky/Lowest Cloud Condition: Clear			0 Ft. AGL	Condition of Light: Day	
Lowest Ceiling: None		0 Ft. AGL	Visibility: 50 SM	Altimeter: "Hg	
Temperature: -7 °C	Dew Point: °C	Wind Direction:		Density Altitude: 5100 Ft.	
Wind Speed: Calm	Gusts:	Weather Conditions at Accident Site: Visual Conditions			
Visibility (RVR): 0 Ft.	Visibility (RVV) 0 SM	Intensity of Precipitation: Unknown			
Restrictions to Visibility: None					
Type of Precipitation: None					

<b>Accident Information</b>		
Aircraft Damage: Substantial	Aircraft Fire: None	Aircraft Explosion: None

Classification: U.S. Registered/U.S. Soil					
- Injury Summary Matrix	Fatal	Serious	Minor	None	TOTAL
First Pilot				1	1
Second Pilot					
Student Pilot					
Flight Instructor					
Check Pilot					
Flight Engineer					
Cabin Attendants					
Other Crew					
Passengers					
- TOTAL ABOARD -				1	1
Other Ground	0	0	0		0
- GRAND TOTAL -	0	0	0	1	1

National Transportation Safety Board

**FACTUAL REPORT**  
**AVIATION**



NTSB ID: LAX98LA058

Occurrence Date: 12/20/1997

Occurrence Type: Accident

Administrative Information

Investigator-In-Charge (IIC)

WELDON T. ARMSTRONG

Additional Persons Participating in This Accident/Incident Investigation:

ADRIANE GRIEVE  
WP-RNO-FSDO  
RENO, NV 89502