

National Transportation Safety Board
Washington, DC 20594

Brief of Accident

Adopted

ANC86LA139
File No. 905 08/29/1986 SUSITNA RIVER, AK Aircraft Reg No. N1177E Time (Local): 12:15 ADT

Make/Model:	BELLANCA / 8KCAB	Fatal	0	Serious	0	Minor/None	1
Engine Make/Model:	LYCOMING / IO-360	Crew	0				
Aircraft Damage:	Substantial	Pass	0		0		1
Number of Engines:	1						
Operating Certificate(s):	None						
Type of Flight Operation:	Personal						
Reg. Flight Conducted Under:	Part 91: General Aviation						

Last Depart. Point:	Same as Accident/Incident Location	Condition of Light:	Day
Destination:	Local Flight	Weather Info Src:	Pilot
Airport Proximity:	Off Airport/Airstrip	Basic Weather:	Visual Conditions
		Lowest Ceiling:	None
		Visibility:	40.00 SM
		Wind Dir/Speed:	Calm
		Temperature (°C):	21
		Precip/Obscuration:	None

Pilot-in-Command	Age: 56	Flight Time (Hours)	
Certificate(s)/Rating(s)		Total All Aircraft:	26000
Airline Transport; Flight Instructor; Commercial; Multi-engine Land; Multi-engine Sea; Single-engine Land; Single-engine Sea		Last 90 Days:	250
Instrument Ratings		Total Make/Model:	510
Airplane		Total Instrument Time:	150

THE PILOT WAS DEMONSTRATING INVERTED FLIGHT TO THE STUDENT PILOT AND AFTER ONE MINUTE OF FLIGHT IN THAT ATTITUDE THE ENGINE BEGAN TO RUN ROUGH AND THEN FINALLY FAILED. THE PILOT PERFORMED A FORCED LANDING AND DURING THE LANDING ROLL THE AIRPLANE NOSED OVER.

Brief of Accident (Continued)

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SUSITNA RIVER, AK

Aircraft Reg No. N1177E

Time (Local): 12:15 ADT

Occurrence #1: LOSS OF ENGINE POWER(TOTAL) - NONMECHANICAL

Phase of Operation: MANEUVERING

Findings

1. (C) FLUID,FUEL - EXHAUSTION
 2. (C) PROCEDURES/DIRECTIVES - NOT FOLLOWED - PILOT IN COMMAND
 3. (C) JUDGMENT - POOR - PILOT IN COMMAND
 4. (C) FLIGHT MANUALS - NOT UNDERSTOOD - PILOT IN COMMAND
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Occurrence #2: FORCED LANDING

Phase of Operation: DESCENT - EMERGENCY

Occurrence #3: NOSE OVER

Phase of Operation: LANDING - ROLL

Findings Legend: (C) = Cause, (F) = Factor

The National Transportation Safety Board determines the probable cause(s) of this accident as follows.