



Aviation Investigation Final Report

Location:	FORT GREELY, Alaska	Accident Number:	ANC91LA045
Date & Time:	April 1, 1991, 20:25 Local	Registration:	N464C
Aircraft:	STINSON 108	Aircraft Damage:	Substantial
Defining Event:		Injuries:	2 None
Flight Conducted Under:	Part 91: General aviation - Personal		

Analysis

AFTER BECOMING LOST ON A VFR CROSS COUNTRY FLIGHT, THE PILOT ELECTED TO MAKE A PRECAUTIONARY LANDING ON THE FROZEN TUNDRA. AFTER TOUCHDOWN, THE AIRPLANE NOSED OVER ON ITS BACK ON THE SNOW COVERED TUNDRA.

Probable Cause and Findings

The National Transportation Safety Board determines the probable cause(s) of this accident to be: UNSUITABLE TERRAIN SELECTED BY THE PILOT FOR A PRECAUTIONARY LANDING.

Findings

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

Findings

1. BECAME LOST/DISORIENTED
 2. PRECAUTIONARY LANDING - PERFORMED - PILOT IN COMMAND
 3. UNSUITABLE TERRAIN OR TAKEOFF/LANDING/TAXI AREA - SELECTED - PILOT IN COMMAND
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Occurrence #2: NOSE OVER
Phase of Operation: LANDING - ROLL

Factual Information

Pilot Information

Certificate:	Private	Age:	37, Male
Airplane Rating(s):	Single-engine land	Seat Occupied:	Left
Other Aircraft Rating(s):	None	Restraint Used:	
Instrument Rating(s):	None	Second Pilot Present:	No
Instructor Rating(s):	None	Toxicology Performed:	No
Medical Certification:	Class 3 Valid Medical-w/ waivers/lim	Last FAA Medical Exam:	August 24, 1989
Occupational Pilot:	UNK	Last Flight Review or Equivalent:	
Flight Time:	155 hours (Total, all aircraft), 65 hours (Total, this make and model), 101 hours (Pilot In Command, all aircraft), 10 hours (Last 90 days, all aircraft), 10 hours (Last 30 days, all aircraft), 6 hours (Last 24 hours, all aircraft)		

Aircraft and Owner/Operator Information

Aircraft Make:	STINSON	Registration:	N464C
Model/Series:	108 108	Aircraft Category:	Airplane
Year of Manufacture:		Amateur Built:	
Airworthiness Certificate:	Normal	Serial Number:	1083464
Landing Gear Type:	Tailwheel	Seats:	4
Date/Type of Last Inspection:	September 21, 1990 Annual	Certified Max Gross Wt.:	2230 lbs
Time Since Last Inspection:	30 Hrs	Engines:	1 Reciprocating
Airframe Total Time:	2066 Hrs	Engine Manufacturer:	CONTINENTAL
ELT:	Installed, activated, did not aid in locating accident	Engine Model/Series:	O-470-K
Registered Owner:	RAYMOND J. GOGLIA	Rated Power:	230 Horsepower
Operator:	RAYMOND J. GOGLIA	Operating Certificate(s) Held:	None
Operator Does Business As:		Operator Designator Code:	

Meteorological Information and Flight Plan

Conditions at Accident Site:	Visual (VMC)	Condition of Light:	Night/dark
Observation Facility, Elevation:		Distance from Accident Site:	
Observation Time:		Direction from Accident Site:	
Lowest Cloud Condition:	Clear	Visibility	50 miles
Lowest Ceiling:	None	Visibility (RVR):	
Wind Speed/Gusts:	5 knots /	Turbulence Type Forecast/Actual:	/
Wind Direction:	180°	Turbulence Severity Forecast/Actual:	/
Altimeter Setting:	30 inches Hg	Temperature/Dew Point:	-9°C
Precipitation and Obscuration:	No Obscuration; No Precipitation		
Departure Point:	GULKANA , AK (GKN)	Type of Flight Plan Filed:	None
Destination:	ANCHORAGE , AK (MRI)	Type of Clearance:	None
Departure Time:	17:15 Local	Type of Airspace:	Class G

Airport Information

Airport:		Runway Surface Type:	
Airport Elevation:		Runway Surface Condition:	
Runway Used:	0	IFR Approach:	None
Runway Length/Width:		VFR Approach/Landing:	Precautionary landing

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
Total Injuries:	2 None	Latitude, Longitude:	64.809783,-147.720809(est)

Administrative Information

Investigator In Charge (IIC):	Michelangelo, James
Additional Participating Persons:	FSDO-01; FAIRBANKS , AK
Original Publish Date:	May 7, 1993
Last Revision Date:	
Investigation Class:	Class
Note:	
Investigation Docket:	https://data.ntsb.gov/Docket?ProjectID=5533

The National Transportation Safety Board (NTSB) is an independent federal agency charged by Congress with investigating every civil aviation accident in the United States and significant events in other modes of transportation—railroad, transit, highway, marine, pipeline, and commercial space. We determine the probable causes of the accidents and events we investigate, and issue safety recommendations aimed at preventing future occurrences. In addition, we conduct transportation safety research studies and offer information and other assistance to family members and survivors for each accident or event we investigate. We also serve as the appellate authority for enforcement actions involving aviation and mariner certificates issued by the Federal Aviation Administration (FAA) and US Coast Guard, and we adjudicate appeals of civil penalty actions taken by the FAA.

The NTSB does not assign fault or blame for an accident or incident; rather, as specified by NTSB regulation, “accident/incident investigations are fact-finding proceedings with no formal issues and no adverse parties ... and are not conducted for the purpose of determining the rights or liabilities of any person” (Title 49 *Code of Federal Regulations* section 831.4). Assignment of fault or legal liability is not relevant to the NTSB’s statutory mission to improve transportation safety by investigating accidents and incidents and issuing safety recommendations. In addition, statutory language prohibits the admission into evidence or use of any part of an NTSB report related to an accident in a civil action for damages resulting from a matter mentioned in the report (Title 49 *United States Code* section 1154(b)). A factual report that may be admissible under 49 *United States Code* section 1154(b) is available [here](#).