



Aviation Investigation Final Report

Location:	MADISON CREEK, Alaska	Accident Number:	ANC91LA006
Date & Time:	October 15, 1990, 12:30 Local	Registration:	N6601U
Aircraft:	MOONEY M20C	Aircraft Damage:	Substantial
Defining Event:		Injuries:	2 Minor, 2 None
Flight Conducted Under:	Part 91: General aviation - Personal		

Analysis

DURING AN ATTEMPTED TAKEOFF, THE 219-HOUR PRIVATE PILOT FAILED TO OBTAIN SUFFICIENT FLYING SPEED AND CRASHED OFF THE END OF A REMOTE SNOW-COVERED DIRT STRIP. HE HAD LANDED THERE ON THE PREVIOUS DAY AFTER ENCOUNTERING LOW VISIBILITY AND WHITEOUT CONDITIONS.

Probable Cause and Findings

The National Transportation Safety Board determines the probable cause(s) of this accident to be: THE PILOT'S PREMATURE LIFT OFF AT AN INADEQUATE AIRSPEED. CONTRIBUTING TO THE ACCIDENT WAS THE UNPLOWED SNOW ON THE RUNWAY.

Findings

Occurrence #1: IN FLIGHT COLLISION WITH TERRAIN/WATER
Phase of Operation: TAKEOFF - INITIAL CLIMB

Findings

1. (F) TERRAIN CONDITION - SNOW COVERED
2. (C) AIRSPEED - INADEQUATE - PILOT IN COMMAND
3. (F) TERRAIN CONDITION - ROUGH/UNEVEN
4. (C) ABORTED TAKEOFF - NOT PERFORMED - PILOT IN COMMAND
5. (F) LIFT-OFF - PREMATURE - PILOT IN COMMAND

Factual Information

Pilot Information

Certificate:	Private	Age:	35, Male
Airplane Rating(s):	Single-engine land	Seat Occupied:	Unknown
Other Aircraft Rating(s):	None	Restraint Used:	
Instrument Rating(s):	None	Second Pilot Present:	No
Instructor Rating(s):		Toxicology Performed:	No
Medical Certification:	Class 3 Valid Medical--no waivers/lim.	Last FAA Medical Exam:	May 9, 1990
Occupational Pilot:	UNK	Last Flight Review or Equivalent:	
Flight Time:	219 hours (Total, all aircraft), 50 hours (Total, this make and model), 159 hours (Pilot In Command, all aircraft), 49 hours (Last 90 days, all aircraft), 6 hours (Last 24 hours, all aircraft)		

Aircraft and Owner/Operator Information

Aircraft Make:	MOONEY	Registration:	N6601U
Model/Series:	M20C M20C	Aircraft Category:	Airplane
Year of Manufacture:		Amateur Built:	
Airworthiness Certificate:		Serial Number:	2388
Landing Gear Type:	Retractable - Tricycle	Seats:	4
Date/Type of Last Inspection:	Unknown	Certified Max Gross Wt.:	2800 lbs
Time Since Last Inspection:	0 Hrs	Engines:	1 Reciprocating
Airframe Total Time:		Engine Manufacturer:	LYCOMING
ELT:	Installed	Engine Model/Series:	O-360
Registered Owner:		Rated Power:	180 Horsepower
Operator:	MICHAEL D. LANDA	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:	Day
Observation Facility, Elevation:		Distance from Accident Site:	
Observation Time:		Direction from Accident Site:	
Lowest Cloud Condition:	Clear	Visibility	30 miles
Lowest Ceiling:	None	Visibility (RVR):	
Wind Speed/Gusts:	/	Turbulence Type Forecast/Actual:	/
Wind Direction:	0°	Turbulence Severity Forecast/Actual:	/
Altimeter Setting:		Temperature/Dew Point:	-12°C / -18°C
Precipitation and Obscuration:	No Obscuration; No Precipitation		
Departure Point:		Type of Flight Plan Filed:	None
Destination:	MCGRATH , AK (MCG)	Type of Clearance:	None
Departure Time:	12:30 Local	Type of Airspace:	

Airport Information

Airport:	MADISON CREEK NONE	Runway Surface Type:	Dirt;Gravel
Airport Elevation:	1000 ft msl	Runway Surface Condition:	Rough;Snow
Runway Used:	0	IFR Approach:	None
Runway Length/Width:		VFR Approach/Landing:	None

Wreckage and Impact Information

Crew Injuries:	1 Minor	Aircraft Damage:	Substantial
Passenger Injuries:	1 Minor, 2 None	Aircraft Fire:	None
Ground Injuries:	N/A	Aircraft Explosion:	None
Total Injuries:	2 Minor, 2 None	Latitude, Longitude:	63.60987,-154.780654(est)

Administrative Information

Investigator In Charge (IIC):	Daw, Roy
Additional Participating Persons:	MIKE DOLSON;
Original Publish Date:	December 8, 1992
Last Revision Date:	
Investigation Class:	Class
Note:	
Investigation Docket:	https://data.nts.gov/Docket?ProjectID=5504

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