



Aviation Investigation Final Report

Location:	PTARMIGAN PASS, Alaska	Accident Number:	ANC92LA175
Date & Time:	September 7, 1992, 17:30 Local	Registration:	N1009H
Aircraft:	AERONCA 15AC	Aircraft Damage:	Substantial
Defining Event:		Injuries:	2 None
Flight Conducted Under:	Part 91: General aviation - Personal		

Analysis

THE PILOT LANDED APPROXIMATELY 125 FEET PAST THE THRESHOLD OF A 700 FOOT LONG AIRSTRIP. HE BEGAN TO APPLY BRAKE PRESSURE WITH INCREASING PRESSURE. HE STATED THAT WHEN HE WAS APPLYING HARD BRAKE PRESSURE HE LOST ALL PRESSURE IN THE RIGHT BRAKE. THE PILOT STATED HE WAS NOT GOING TO BE ABLE TO STOP AND HE ATTEMPTED A GO AROUND. THE AIRPLANE DID NOT GET AIRBORNE BEFORE RUNNING OFF THE END OF THE AIRSTRIP AND OVERTURNING IN FISH CREEK. EXAMINATION OF THE BRAKE CALIPERS SHOWED THAT THE OLD DRUM BRAKE CALIPER HAD FRACTURED THROUGH THE CHAMBER CAUSING THE FLUID TO LEAK OUT.

Probable Cause and Findings

The National Transportation Safety Board determines the probable cause(s) of this accident to be: THE PARTIAL FAILURE OF THE NORMAL BRAKE SYSTEM, THE MISJUDGING OF THE PROPER TOUCHDOWN POINT AND THE ATTEMPTED GO AROUND. FACTOR WAS THE ROUGH AND UNEVEN LANDING AREA.

Findings

Occurrence #1: AIRFRAME/COMPONENT/SYSTEM FAILURE/MALFUNCTION
Phase of Operation: LANDING - ROLL

Findings

1. (C) LANDING GEAR,NORMAL BRAKE SYSTEM - FAILURE,PARTIAL

Occurrence #2: OVERRUN

Phase of Operation: LANDING - ABORTED

Findings

2. (C) PROPER TOUCHDOWN POINT - MISJUDGED - PILOT IN COMMAND
3. (F) AIRPORT FACILITIES, RUNWAY/LANDING AREA CONDITION - ROUGH/UNEVEN
4. (C) GO-AROUND - ATTEMPTED - PILOT IN COMMAND

Occurrence #3: NOSE OVER

Phase of Operation: LANDING - ABORTED

Factual Information

Pilot Information

Certificate:	Private	Age:	36, 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 2 Valid Medical--no waivers/lim.	Last FAA Medical Exam:	December 24, 1990
Occupational Pilot:	No	Last Flight Review or Equivalent:	
Flight Time:	77 hours (Total, all aircraft), 51 hours (Total, this make and model), 47 hours (Pilot In Command, all aircraft), 17 hours (Last 90 days, all aircraft), 6 hours (Last 30 days, all aircraft), 1 hours (Last 24 hours, all aircraft)		

Aircraft and Owner/Operator Information

Aircraft Make:	AERONCA	Registration:	N1009H
Model/Series:	15AC 15AC	Aircraft Category:	Airplane
Year of Manufacture:		Amateur Built:	
Airworthiness Certificate:	Normal	Serial Number:	11
Landing Gear Type:	Tailwheel	Seats:	4
Date/Type of Last Inspection:	November 2, 1992 Annual	Certified Max Gross Wt.:	2050 lbs
Time Since Last Inspection:	60 Hrs	Engines:	1 Reciprocating
Airframe Total Time:	1700 Hrs	Engine Manufacturer:	CONTINENTAL
ELT:	Installed, activated, aided in locating accident	Engine Model/Series:	O-300
Registered Owner:	HAMLIN, RICHARD	Rated Power:	145 Horsepower
Operator:	HAMLIN, RICHARD	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:	Unknown	Visibility	50 miles
Lowest Ceiling:	Overcast / 10000 ft AGL	Visibility (RVR):	
Wind Speed/Gusts:	/	Turbulence Type Forecast/Actual:	/
Wind Direction:	0°	Turbulence Severity Forecast/Actual:	/
Altimeter Setting:		Temperature/Dew Point:	13°C
Precipitation and Obscuration:	No Obscuration; No Precipitation		
Departure Point:	TALLEVUE LODGE , AK	Type of Flight Plan Filed:	None
Destination:	HARTMAN RIVER , AK	Type of Clearance:	None
Departure Time:	15:30 Local	Type of Airspace:	Class G

Airport Information

Airport:	GRAVEL BAR HARTMAN RIVER	Runway Surface Type:	Gravel
Airport Elevation:	2000 ft msl	Runway Surface Condition:	Dry;Rough
Runway Used:	0	IFR Approach:	None
Runway Length/Width:	700 ft / 25 ft	VFR Approach/Landing:	Full stop

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:	61.930027,-151.729598(est)

Administrative Information

Investigator In Charge (IIC):	Kobelnyk, George
Additional Participating Persons:	MGR DICK GORDON; ANCHORAGE , AK
Original Publish Date:	September 14, 1993
Last Revision Date:	
Investigation Class:	Class
Note:	
Investigation Docket:	https://data.ntsb.gov/Docket?ProjectID=5814

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