



National Transportation Safety Board Aviation Accident Factual Report

Location:	NAKNEK, AK	Accident Number:	ANC01LA001
Date & Time:	10/01/2000, 1900 AKD	Registration:	N59645
Aircraft:	Piper PA-18-160	Aircraft Damage:	Substantial
Defining Event:		Injuries:	2 None
Flight Conducted Under:	Part 91: General Aviation - Personal		

On October 1, 2000, about 1900 Alaska daylight time, a tundra tire equipped Piper PA-18-160 airplane, N59645, sustained substantial damage during takeoff from a remote airstrip, about 15 miles west of Naknek, Alaska, at 58 degrees, 43 minutes north latitude, 157 degrees, 01 minutes west longitude. The certificated commercial pilot, and the one passenger aboard, were not injured. The airplane was being operated as a visual flight rules (VFR) personal flight under Title 14, CFR Part 91, when the accident occurred. Visual meteorological conditions prevailed, and no flight plan was filed. The flight originated about 1750, from the Naknek Airport, Naknek.

During a telephone conversation with the National Transportation Safety Board investigator-in-charge on October 2, the pilot reported that as he started a southeasterly takeoff run on a 700 feet long remote airstrip, the airplane's acceleration was slow due to wet, tundra-covered terrain. He said that as he neared that end of the site, just before the airplane became airborne, he turned the airplane to the left to avoid striking a truck parked at the end of the airstrip, and the left wing struck a cabin at the end of the takeoff area. The airplane sustained substantial damage to both wings and fuselage.

The pilot said that there were no preaccident mechanical anomalies with the airplane.

Pilot Information

Certificate:	Commercial	Age:	41, Male
Airplane Rating(s):	Single-engine Land	Seat Occupied:	Front
Other Aircraft Rating(s):	None	Restraint Used:	Seatbelt, Shoulder harness
Instrument Rating(s):	Airplane	Second Pilot Present:	No
Instructor Rating(s):	None	Toxicology Performed:	No
Medical Certification:	Class 2 Valid Medical--no waivers/lim.	Last FAA Medical Exam:	09/01/2000
Occupational Pilot:		Last Flight Review or Equivalent:	
Flight Time:	2900 hours (Total, all aircraft), 1100 hours (Total, this make and model), 60 hours (Last 90 days, all aircraft), 50 hours (Last 30 days, all aircraft), 5 hours (Last 24 hours, all aircraft)		

Aircraft and Owner/Operator Information

Aircraft Make:	Piper	Registration:	N59645
Model/Series:	PA-18-160 PA-18-160	Aircraft Category:	Airplane
Year of Manufacture:		Amateur Built:	No
Airworthiness Certificate:	Normal	Serial Number:	18-7809095
Landing Gear Type:	Tailwheel	Seats:	2
Date/Type of Last Inspection:	09/20/2000, 100 Hour	Certified Max Gross Wt.:	1750 lbs
Time Since Last Inspection:	27 Hours	Engines:	1 Reciprocating
Airframe Total Time:	4767 Hours	Engine Manufacturer:	Lycoming
ELT:	Installed, not activated	Engine Model/Series:	O-320
Registered Owner:	KING AIR, INC.	Rated Power:	160 hp
Operator:	KING AIR, INC.	Operating Certificate(s) Held:	On-demand Air Taxi (135)

Meteorological Information and Flight Plan

Conditions at Accident Site:	Visual Conditions	Condition of Light:	Day
Observation Facility, Elevation:	, 0 ft msl	Distance from Accident Site:	0 Nautical Miles
Observation Time:	0000	Direction from Accident Site:	0°
Lowest Cloud Condition:	Unknown / 0 ft agl	Visibility	8 Miles
Lowest Ceiling:	Overcast / 700 ft agl	Visibility (RVR):	0 ft
Wind Speed/Gusts:	20 knots /	Turbulence Type Forecast/Actual:	/
Wind Direction:	120°	Turbulence Severity Forecast/Actual:	/
Altimeter Setting:		Temperature/Dew Point:	4° C
Precipitation and Obscuration:			
Departure Point:	NAKNEK, AK (5NK)	Type of Flight Plan Filed:	None
Destination:	NAKNEK, AK (5NK)	Type of Clearance:	None
Departure Time:	1750 ADT	Type of Airspace:	Class G

Airport Information

Airport:		Runway Surface Type:	Grass/turf
Airport Elevation:	40 ft	Runway Surface Condition:	Soft; Vegetation; Wet
Runway Used:	15	IFR Approach:	None
Runway Length/Width:	700 ft	VFR Approach/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:	

Administrative Information

Investigator In Charge (IIC):	CLINTON O JOHNSON
Additional Participating Persons:	AUSTIN E COLLER (FAA); ANCHORAGE, AK
Investigation Docket:	NTSB accident and incident dockets serve as permanent archival information for the NTSB's investigations. Dockets released prior to June 1, 2009 are publicly available from the NTSB's Record Management Division at pubinq@ntsb.gov , or at 800-877-6799. Dockets released after this date are available at http://dms.nts.gov/pubdms/ .