



National Transportation Safety Board Aviation Accident Data Summary

Location:	DILLINGHAM, AK	Accident Number:	ANC96LA067
Date & Time:	05/01/1996, 1200 AKD	Registration:	N1828C
Aircraft:	Cessna 170	Injuries:	2 None
Flight Conducted Under:	Part 91: General Aviation - Business		

Analysis

After completing a fish spotting flight, the pilot landed the airplane at the Dillingham Airport. While taxiing back from landing, the pilot applied the brakes. During the deceleration, a tire rotated on the rim shearing the valve stem. The tire and portions of the rim separated from the landing gear and the airplane's wingtip dragged the ground. The airplane was equipped with 8:50 size tires.

Probable Cause

The National Transportation Safety Board determines the probable cause(s) of this accident to be: rotation (slippage) of the tire on the rim, and shearing of the valve stem, which allowed the rim to contact the ground and then separate.

Findings

Occurrence #1: DRAGGED WING, ROTOR, POD, FLOAT OR TAIL/SKID
Phase of Operation: TAXI - FROM LANDING

Findings

1. (C) LANDING GEAR, TIRE - SHEARED

Pilot Information

Certificate:	Commercial	Age:	33
Airplane Rating(s):	Single-engine Land; Single-engine Sea	Instrument Rating(s):	Airplane
Other Aircraft Rating(s):	None	Instructor Rating(s):	None
Flight Time:	2700 hours (Total, all aircraft), 60 hours (Total, this make and model), 2650 hours (Pilot In Command, all aircraft), 136 hours (Last 90 days, all aircraft), 50 hours (Last 30 days, all aircraft), 10 hours (Last 24 hours, all aircraft)		

Aircraft and Owner/Operator Information

Aircraft Make:	Cessna	Registration:	N1828C
Model/Series:	170 170	Engines:	1 Reciprocating
Operator:	PAUL HORN	Engine Manufacturer:	Lycoming
Operating Certificate(s) Held:	None	Engine Model/Series:	O-360
Flight Conducted Under:	Part 91: General Aviation - Business		

Meteorological Information and Flight Plan

Conditions at Accident Site:	Visual Conditions	Condition of Light:	Day
Observation Facility, Elevation:	, 0 ft msl	Weather Information Source:	Witness
Lowest Ceiling:	None / 0 ft agl	Wind Speed/Gusts, Direction:	Calm / , Variable
Temperature:	4° C	Visibility	50 Miles
Precipitation and Obscuration:			
Departure Point:	TOGIAK, AK (TOG)	Destination:	, AK (DLG)

Airport Information

Airport:	DILLINGHAM (DLG)	Runway Surface Type:	Asphalt
Runway Used:	1	Runway Surface Condition:	Dry
Runway Length/Width:	6404 ft / 150 ft		

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

Latitude, Longitude:

Administrative Information

Investigator In Charge (IIC):	GEORGE KOBELNYK	Adopted Date:	02/01/1997
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/ .		

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