



National Transportation Safety Board Aviation Accident Data Summary

Location:	FAIRBANKS, AK	Accident Number:	ANC96LA074
Date & Time:	05/01/1996, 1800 AKD	Registration:	N3795L
Aircraft:	Cessna 172	Injuries:	2 None
Flight Conducted Under:	Part 91: General Aviation - Instructional		

Analysis

The flight instructor and student were practicing soft field landings. The instructor stated that the student flared the airplane too high during a landing, The airplane landed hard on all three wheels simultaneously. After the flight's termination, the student performed the post flight walk around inspection. The instructor did not perform the walk around with the student. The next flight instructor, during the taxi/run up, found that the flight controls would not move through their entire range of travel. Subsequent examination of the airplane showed that the firewall was bent and restricted the forward motion of the control yoke.

Probable Cause

The National Transportation Safety Board determines the probable cause(s) of this accident to be: The student pilot's premature flare and the flight instructor's failure to perform remedial action prior to the hard landing.

Findings

Occurrence #1: HARD LANDING
Phase of Operation: LANDING - FLARE/TOUCHDOWN

- Findings
1. (C) FLARE - MISJUDGED - DUAL STUDENT
 2. (C) SUPERVISION - INADEQUATE - PILOT IN COMMAND(CFI)

Pilot Information

Certificate:	Flight Instructor; Commercial	Age:	48
Airplane Rating(s):	Single-engine Land; Single-engine Sea	Instrument Rating(s):	Airplane
Other Aircraft Rating(s):	None	Instructor Rating(s):	Airplane Single-engine
Flight Time:	810 hours (Total, all aircraft)		

Aircraft and Owner/Operator Information

Aircraft Make:	Cessna	Registration:	N3795L
Model/Series:	172 172	Engines:	1 Reciprocating
Operator:	SMITH AERO SERVICES	Engine Manufacturer:	Continental
Operating Certificate(s) Held:	None	Engine Model/Series:	O-300-D
Flight Conducted Under:	Part 91: General Aviation - Instructional		

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:	/ ,
Temperature:	16 °C	Visibility	90 Miles
Precipitation and Obscuration:			
Departure Point:	(FAI)	Destination:	

Airport Information

Airport:	FAIRBANKS INTERNATIONAL (FAI)	Runway Surface Type:	
Runway Used:	0	Runway Surface Condition:	
Runway Length/Width:			

Wreckage and Impact Information

Crew Injuries:	2 None	Aircraft Damage:	Substantial
Passenger Injuries:	N/A	Aircraft Fire:	None
Ground Injuries:	N/A	Aircraft Explosion:	None
Latitude, Longitude:			

Administrative Information

Investigator In Charge (IIC):	GEORGE KOBELNYK	Adopted Date:	02/18/1997
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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