



National Transportation Safety Board Aviation Accident Data Summary

Location:	SPARREVOHN, AK	Accident Number:	ANC89LA159
Date & Time:	09/01/1989, 1430 AKD	Registration:	N2459L
Aircraft:	CESSNA 172H	Injuries:	1 None
Flight Conducted Under:	Part 135: Air Taxi & Commuter - Non-scheduled		

Analysis

DURING TAKEOFF FROM A GRAVEL BAR, THE AIRPLANE STRUCK A PLASTIC BUCKET THAT WAS BLOWN INTO ITS PATH BY A CROSSWIND. THE BUCKET STRUCK THE LEFT HORIZONTAL STABILIZER AS THE AIRPLANE WAS ABOUT TO LIFT-OFF. THE PILOT CONTINUED THE FLIGHT WITH NO DIFFICULTY, BUT AFTER LANDING, AN EXAM OF THE STABILIZER REVEALED SUBSTANTIAL DAMAGE.

Probable Cause

The National Transportation Safety Board determines the probable cause(s) of this accident to be: THE BUCKET WHICH WAS BLOWN INTO THE FLIGHT PATH BY A CROSSWIND.

Findings

Occurrence #1: ON GROUND/WATER COLLISION WITH OBJECT
Phase of Operation: TAKEOFF - ROLL/RUN

Findings

1. (C) WEATHER CONDITION - CROSSWIND
2. (C) OBJECT - OTHER

Pilot Information

Certificate:	Flight Instructor; Commercial	Age:	42
Airplane Rating(s):	Single-engine Land	Instrument Rating(s):	Airplane
Other Aircraft Rating(s):	None	Instructor Rating(s):	Airplane Single-engine; Instrument Airplane
Flight Time:	1900 hours (Total, all aircraft), 840 hours (Total, this make and model), 1820 hours (Pilot In Command, all aircraft), 340 hours (Last 90 days, all aircraft), 97 hours (Last 30 days, all aircraft), 5 hours (Last 24 hours, all aircraft)		

Aircraft and Owner/Operator Information

Aircraft Make:	CESSNA	Registration:	N2459L
Model/Series:	172H 172H	Engines:	1 Reciprocating
Operator:	JAYHAWK AIR	Engine Manufacturer:	LYCOMING
Operating Certificate(s) Held:	On-demand Air Taxi (135)	Engine Model/Series:	O-320-D2G
Flight Conducted Under:	Part 135: Air Taxi & Commuter - Non-scheduled		

Meteorological Information and Flight Plan

Conditions at Accident Site:	Visual Conditions	Condition of Light:	Day
Observation Facility, Elevation:	, 0 ft msl	Weather Information Source:	Pilot
Lowest Ceiling:	None / 0 ft agl	Wind Speed/Gusts, Direction:	15 knots / 20 knots, 90°
Temperature:	16° C	Visibility	50 Miles
Precipitation and Obscuration:			
Departure Point:		Destination:	ANCHORAGE, AK (MRI)

Wreckage and Impact Information

Crew Injuries:	1 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):	ROY C DAW	Adopted Date:	06/18/1990
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/ .		

The National Transportation Safety Board (NTSB), established in 1967, is an independent federal agency mandated by Congress through the Independent Safety Board Act of 1974 to investigate transportation accidents, determine the probable causes of the accidents, issue safety recommendations, study transportation safety issues, and evaluate the safety effectiveness of government agencies involved in transportation. The NTSB makes public its actions and decisions through accident reports, safety studies, special investigation reports, safety recommendations, and statistical reviews.

The Independent Safety Board Act, as codified at 49 U.S.C. Section 1154(b), precludes the admission into evidence or use of any part of an NTSB report related to an incident or accident in a civil action for damages resulting from a matter mentioned in the report.