



National Transportation Safety Board Aviation Accident Final Report

Location:	ANKENY, IA	Accident Number:	CHI96LA100
Date & Time:	03/02/1996, 1230 CST	Registration:	N8626B
Aircraft:	Cessna 172	Aircraft Damage:	Substantial
Defining Event:		Injuries:	1 None

Flight Conducted Under: Part 91: General Aviation - Business

Analysis

The pilot reported the winds were from 290 degrees at 22 knots gusting to 26. He back-taxied toward the south planning to take off on runway 36. He held the ailerons to the right and the elevators down. He turned to the right to perform a runup, as 'the right wing was about right angle to the wind out of 290 degrees, a strong gust of wind picked up the right wing....' The airplane nosed over off of the edge of the runway.

Probable Cause and Findings

The National Transportation Safety Board determines the probable cause(s) of this accident to be: the pilot's poor judgment in attempting flight operations in the existing wind condition, and the high gusting wind.

Findings

Occurrence #1: NOSE OVER
Phase of Operation: TAXI - TO TAKEOFF

Findings

1. (C) WEATHER CONDITION - HIGH WIND
2. (C) WEATHER CONDITION - GUSTS
3. (C) JUDGMENT - POOR - PILOT IN COMMAND

Factual Information

On March 2, 1996, at 1230 central standard time, a Cessna 172, N8626B, sustained substantial damage when it nosed over during taxi in Ankeny, Iowa. The private pilot reported no injuries. The business flight was conducted under 14 CFR Part 91 with a planned destination of Iowa City, Iowa. Visual meteorological conditions prevailed and no flight plan was filed.

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Post accident examination of the airplane revealed no evidence of flight control malfunction. The right wing and lift strut were bent.

Pilot Information

Certificate:	Private	Age:	71, Male
Airplane Rating(s):	Single-engine Land	Seat Occupied:	Left
Other Aircraft Rating(s):	None	Restraint Used:	Seatbelt
Instrument Rating(s):	None	Second Pilot Present:	No
Instructor Rating(s):	None	Toxicology Performed:	No
Medical Certification:	Class 3 Valid Medical--w/ waivers/lim.	Last FAA Medical Exam:	11/13/1995
Occupational Pilot:		Last Flight Review or Equivalent:	
Flight Time:	1725 hours (Total, all aircraft), 837 hours (Total, this make and model), 1171 hours (Pilot In Command, all aircraft), 2 hours (Last 90 days, all aircraft), 2 hours (Last 30 days, all aircraft)		

Aircraft and Owner/Operator Information

Aircraft Make:	Cessna	Registration:	N8626B
Model/Series:	172 172	Aircraft Category:	Airplane
Year of Manufacture:		Amateur Built:	No
Airworthiness Certificate:	Normal	Serial Number:	36326
Landing Gear Type:	Tricycle	Seats:	4
Date/Type of Last Inspection:	03/05/1995, Annual	Certified Max Gross Wt.:	2200 lbs
Time Since Last Inspection:	19 Hours	Engines:	1 Reciprocating
Airframe Total Time:	2226 Hours	Engine Manufacturer:	Continental
ELT:	Installed, not activated	Engine Model/Series:	O-300A
Registered Owner:	WAYNE G. ZEIGLER	Rated Power:	145 hp
Operator:	WAYNE G. ZEIGLER	Operating Certificate(s) Held:	None

Meteorological Information and Flight Plan

Conditions at Accident Site:	Visual Conditions	Condition of Light:	Day
Observation Facility, Elevation:	IKV, 910 ft msl	Distance from Accident Site:	0 Nautical Miles
Observation Time:	1225 CST	Direction from Accident Site:	0°
Lowest Cloud Condition:	Scattered / 4800 ft agl	Visibility	10 Miles
Lowest Ceiling:	None / 0 ft agl	Visibility (RVR):	0 ft
Wind Speed/Gusts:	22 knots / 31 knots	Turbulence Type Forecast/Actual:	/
Wind Direction:	290°	Turbulence Severity Forecast/Actual:	/
Altimeter Setting:	29 inches Hg	Temperature/Dew Point:	-5° C / -17° C
Precipitation and Obscuration:			
Departure Point:	(IKV)	Type of Flight Plan Filed:	None
Destination:	IOWA FALLS, IA (IFA)	Type of Clearance:	VFR
Departure Time:	0000	Type of Airspace:	

Airport Information

Airport:	ANKENY REGIONAL (IKV)	Runway Surface Type:	
Airport Elevation:	910 ft	Runway Surface Condition:	
Runway Used:	0	IFR Approach:	None
Runway Length/Width:		VFR Approach/Landing:	None

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
Total Injuries:	1 None	Latitude, Longitude:	

Administrative Information

Investigator In Charge (IIC):	WESLEY M ROBBINS	Report Date:	06/06/1996
Additional Participating Persons:	LARRY D YOUNG; DES MOINES, IA		
Publish Date:			
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 pubinquiry@ntsb.gov , or at 800-877-6799. Dockets released after this date are available at http://dms.ntsbt.gov/pubdms/ .		

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