



National Transportation Safety Board Aviation Accident Final Report

Location:	WEST CHICAGO, IL	Accident Number:	CHI95LA140
Date & Time:	05/01/1995, 1335 CDT	Registration:	N47331
Aircraft:	CESSNA 152	Aircraft Damage:	Substantial
Defining Event:		Injuries:	1 None

Flight Conducted Under: Part 91: General Aviation - Instructional

Analysis

THE AIRPLANE EXITED THE RIGHT HAND EDGE OF RUNWAY 10 AT DUPAGE AIRPORT SHORTLY AFTER TOUCHDOWN IN A STRONG CROSSWIND CONDITION. THE STUDENT PILOT MADE NO CORRECTIONS, FOR FEAR OF FLIPPING THE AIRPLANE OVER. REPORTED WINDS SEVEN MINUTES AFTER THE ACCIDENT WERE FROM 050 DEGREES AT 15 KNOTS, GUSTING TO 20 KNOTS.

Probable Cause and Findings

The National Transportation Safety Board determines the probable cause(s) of this accident to be:
The pilot's failure to maintain directional control. A factor was the crosswind.

Findings

Occurrence #1: LOSS OF CONTROL - ON GROUND/WATER
Phase of Operation: LANDING - ROLL

Findings

1. (F) WEATHER CONDITION - CROSSWIND
2. (C) DIRECTIONAL CONTROL - NOT MAINTAINED - PILOT IN COMMAND

Occurrence #2: NOSE OVER
Phase of Operation: LANDING - ROLL

Factual Information

On May 1, 1995, at 1335 central daylight time, a Cessna 152, N47331, registered to the DuPage Airport Authority of West Chicago, Illinois, and operated by a student pilot, exited runway 10 (4,751' x 75' dry/asphalt) at Dupage Airport, West Chicago, Illinois, and sustained substantial damage when it nosed over. The pilot reported no injuries. The 14 CFR Part 91 solo instructional flight was operating in visual meteorological conditions. A VFR flight plan was on file. The flight departed Peoria, Illinois, at 1206.

The student pilot reported in his written statement that after a go around from his first approach, he encountered a crosswind condition on his second approach. He was concerned that a "violent" correction would flip the aircraft over. On roll out, the airplane exited the runway to the right, and nosed over after the nose landing gear sank into the mud. Seven minutes after the accident, DuPage Tower was reporting wind conditions, 050 degrees at 15 knots, gusts to 20 knots.

Pilot Information

Certificate:	Student	Age:	37, Male
Airplane Rating(s):	None	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:	10/31/1994
Occupational Pilot:		Last Flight Review or Equivalent:	
Flight Time:	80 hours (Total, all aircraft), 80 hours (Total, this make and model), 20 hours (Pilot In Command, all aircraft), 16 hours (Last 90 days, all aircraft), 6 hours (Last 30 days, all aircraft), 3 hours (Last 24 hours, all aircraft)		

Aircraft and Owner/Operator Information

Aircraft Make:	CESSNA	Registration:	N47331
Model/Series:	152 152	Aircraft Category:	Airplane
Year of Manufacture:		Amateur Built:	No
Airworthiness Certificate:	Normal; Utility	Serial Number:	15283215
Landing Gear Type:	Tricycle	Seats:	2
Date/Type of Last Inspection:	04/27/1995, AAIP	Certified Max Gross Wt.:	1670 lbs
Time Since Last Inspection:	13 Hours	Engines:	1 Reciprocating
Airframe Total Time:	6647 Hours	Engine Manufacturer:	LYCOMING
ELT:	Installed, not activated	Engine Model/Series:	O-235-L2C
Registered Owner:	PLANEMASTER, DUPAGE AIRPORT	Rated Power:	110 hp
Operator:	PLANEMASTER, DUPAGE AIRPORT	Operating Certificate(s) Held:	None
Operator Does Business As:	PLANEMASTER SERVICES	Operator Designator Code:	

Meteorological Information and Flight Plan

Conditions at Accident Site:	Visual Conditions	Condition of Light:	Day
Observation Facility, Elevation:	DPA, 758 ft msl	Distance from Accident Site:	1 Nautical Miles
Observation Time:	1342 CDT	Direction from Accident Site:	120°
Lowest Cloud Condition:	Scattered / 4100 ft agl	Visibility	15 Miles
Lowest Ceiling:	None / 0 ft agl	Visibility (RVR):	0 ft
Wind Speed/Gusts:	15 knots / 20 knots	Turbulence Type Forecast/Actual:	/
Wind Direction:	50°	Turbulence Severity Forecast/Actual:	/
Altimeter Setting:	30 inches Hg	Temperature/Dew Point:	11° C / 1° C
Precipitation and Obscuration:			
Departure Point:	PEORIA, IL (PIA)	Type of Flight Plan Filed:	VFR
Destination:		Type of Clearance:	VFR
Departure Time:	1206 CDT	Type of Airspace:	Class D

Airport Information

Airport:	DUPAGE (DPA)	Runway Surface Type:	Asphalt
Airport Elevation:	753 ft	Runway Surface Condition:	Dry
Runway Used:	10	IFR Approach:	None
Runway Length/Width:	4751 ft / 75 ft	VFR Approach/Landing:	Full Stop

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):	STEPHEN A WILSON	Report Date:	11/08/1995
Additional Participating Persons:	ROBERT LUNA; WEST CHICAGO, IL		
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 pubinq@ntsb.gov , or at 800-877-6799. Dockets released after this date are available at http://dms.ntsbt.gov/pubdms/ .		

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