



National Transportation Safety Board Aviation Accident Final Report

Location:	Mt. Comfort, IN	Accident Number:	CEN10CA062
Date & Time:	12/02/2009, 1030 EST	Registration:	N6036Y
Aircraft:	CESSNA 172S	Aircraft Damage:	Substantial
Defining Event:	Loss of control on ground	Injuries:	1 None
Flight Conducted Under:	Part 91: General Aviation - Instructional		

Analysis

The student pilot reported that the airplane touched down smoothly on the main gear. He reported that as the nose gear settled, the airplane began to drift to the right. He stated that he applied left rudder, but it was ineffective as the airplane was on the nose and right main landing gears. The airplane traveled off the right side of runway 25 onto the grass. The pilot subsequently taxied the airplane back to the ramp. Post accident inspection of the airplane revealed the firewall was dented. Local winds were reported as being from 040 degrees at 3 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 of the airplane while touching down during the landing.

Findings

Aircraft	Performance/control parameters - Not attained/maintained (Cause)
Personnel issues	Aircraft control - Student pilot (Cause)

Factual Information

History of Flight

Landing-landing roll	Loss of control on ground (Defining event) Runway excursion Collision with terr/obj (non-CFIT)
----------------------	--

Pilot Information

Certificate:	Student	Age:	29, Male
Airplane Rating(s):	None	Seat Occupied:	Left
Other Aircraft Rating(s):	None	Restraint Used:	Seatbelt, Shoulder harness
Instrument Rating(s):	None	Second Pilot Present:	No
Instructor Rating(s):	None	Toxicology Performed:	No
Medical Certification:	Class 1 Without Waivers/Limitations	Last Medical Exam:	08/10/2009
Occupational Pilot:	No	Last Flight Review or Equivalent:	
Flight Time:	36 hours (Total, all aircraft), 36 hours (Total, this make and model), 4 hours (Pilot In Command, all aircraft), 36 hours (Last 90 days, all aircraft), 12 hours (Last 30 days, all aircraft), 2 hours (Last 24 hours, all aircraft)		

Aircraft and Owner/Operator Information

Aircraft Manufacturer:	CESSNA	Registration:	N6036Y
Model/Series:	172S	Aircraft Category:	Airplane
Year of Manufacture:		Amateur Built:	No
Airworthiness Certificate:	Normal	Serial Number:	172S10213
Landing Gear Type:	Tricycle	Seats:	4
Date/Type of Last Inspection:	10/23/2009, Annual	Certified Max Gross Wt.:	2550 lbs
Time Since Last Inspection:		Engines:	1 Reciprocating
Airframe Total Time:	1880 Hours	Engine Manufacturer:	LYCOMING
ELT:	Installed, not activated	Engine Model/Series:	IO-360-L2A
Registered Owner:	KRUGHOFF AIRCRAFT LEASING LLC	Rated Power:	180 hp
Operator:	KRUGHOFF AIRCRAFT LEASING LLC	Air Carrier Operating Certificate:	None

Meteorological Information and Flight Plan

Observation Facility, Elevation:	MQJ, 862 ft msl	Observation Time:	1100 EST
Distance from Accident Site:	0 Nautical Miles	Condition of Light:	Day
Direction from Accident Site:	0°	Conditions at Accident Site:	Visual Conditions
Lowest Cloud Condition:	Scattered / 1500 ft agl	Temperature/Dew Point:	8°C / -2°C
Lowest Ceiling:	Overcast / 5000 ft agl	Visibility	10 Miles
Wind Speed/Gusts, Direction:	3 knots, 40°	Visibility (RVR):	
Altimeter Setting:	29.77 inches Hg	Visibility (RVV):	
Precipitation and Obscuration:	No Obscuration; No Precipitation		
Departure Point:	Bloomington, IN (BMG)	Type of Flight Plan Filed:	Unknown
Destination:	Mt. Comfort, IN (MQJ)	Type of Clearance:	None
Departure Time:	0945 EST	Type of Airspace:	Class G

Airport Information

Airport:	Mount Comfort (MQJ)	Runway Surface Type:	Asphalt
Airport Elevation:	862 ft	Runway Surface Condition:	Dry
Runway Used:	25	IFR Approach:	None
Runway Length/Width:	5500 ft / 100 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		

Administrative Information

Investigator In Charge (IIC):	Pamela S Sullivan	Adopted Date:	03/23/2010
Additional Participating Persons:	Dan Fowler; FAA-IND-FSDO; Indianapolis, IN		
Publish Date:	03/23/2010		
Note:	This accident report documents the factual circumstances of this accident as described to the NTSB.		
Investigation Docket:	http://dms.nts.gov/pubdms/search/dockList.cfm?mKey=75129		

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.