



National Transportation Safety Board Aviation Accident Data Summary

Location:	Winston Salem, NC	Accident Number:	ATL04LA167
Date & Time:	07/01/2004, 1500 EDT	Registration:	N71409
Aircraft:	Cessna 172M	Injuries:	2 None
Flight Conducted Under:	Part 91: General Aviation - Instructional		

Analysis

According to both pilots, after landing, the airplane was cleared to taxi to the north ramp. Both pilots stated that the CFI in the left seat took control of the airplane in order to position and park it. The pilot in control of the airplane at the time of the accident, CFI- left, stated, "while pushing the left rudder, [his] foot slipped down and off the [left] pedal." He stated that he then immediately "pushed full left rudder, but the right wing... hit one of the corner metal poles." The pilot not in control of the airplane at the time of the accident, CFI-right, stated that as the pilot in control "was beginning to set-up the aircraft's turn, his foot immediately slipped off of the rudder. This caused the aircraft's wing to hit a fence pole." Both pilots stated that the airplane was immediately shut down and assistance was sought. Post-accident examination of the airplane revealed that the right wing sustained leading edge spar damage and extensive skin buckling, and the right wing tip was crushed. The engine, landing gear, fuselage, and left wing were intact and undamaged. No mechanical problems with the airplane were reported by the pilot.

Probable Cause

The National Transportation Safety Board determines the probable cause(s) of this accident to be:
The pilot's failure to maintain clearance from the fence post, while taxiing which resulted in a collision.

Findings

Occurrence #1: ON GROUND/WATER COLLISION WITH OBJECT
Phase of Operation: TAXI - FROM LANDING

Findings

1. OBJECT - FENCE POST
2. CLEARANCE - NOT MAINTAINED - PILOT IN COMMAND

Flight Instructor Information

Certificate:	Flight Instructor; Commercial	Age:	26
Airplane Rating(s):	Multi-engine Land; Single-engine Land	Instrument Rating(s):	Airplane
Other Aircraft Rating(s):	None	Instructor Rating(s):	Airplane Single-engine
Flight Time:	325 hours (Total, all aircraft)		

Flight Instructor Information

Certificate:	Flight Instructor; Commercial	Age:	30
Airplane Rating(s):	Multi-engine Land; Single-engine Land	Instrument Rating(s):	Airplane
Other Aircraft Rating(s):	None	Instructor Rating(s):	Airplane Single-engine
Flight Time:	360 hours (Total, all aircraft)		

Aircraft and Owner/Operator Information

Aircraft Make:	Cessna	Registration:	N71409
Model/Series:	172M	Engines:	1 Reciprocating
Operator:	Triad Air	Engine Manufacturer:	Lycoming
Operating Certificate(s) Held:	None	Engine Model/Series:	O-320E2D
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:	kint, 969 ft msl	Weather Information Source:	Weather Observation Facility
Lowest Ceiling:		Wind Speed/Gusts, Direction:	/ ,
Temperature:		Visibility:	
Precipitation and Obscuration:			
Departure Point:	Winston Salem, NC (KINT)	Destination:	Winston Salem, NC

Airport Information

Airport:	Smith Reynolds (KINT)	Runway Surface Type:	Unknown
Runway Used:	NA	Runway Surface Condition:	Unknown
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:	36.133611, -80.216944		

Administrative Information

Investigator In Charge (IIC): Phillip Powell

Adopted Date: 10/28/2004

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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