



National Transportation Safety Board Aviation Accident Final Report

Location:	MCGREGOR, TX	Accident Number:	FTW93LA029
Date & Time:	11/02/1992, 1100 CST	Registration:	N91930
Aircraft:	PIPER J3C-65	Aircraft Damage:	Substantial
Defining Event:		Injuries:	1 None

Flight Conducted Under: Part 91: General Aviation - Instructional

Analysis

THE AIRPLANE WEATHERVANED INTO THE WIND DURING THE LANDING ROLL FOLLOWING A DOWNWIND LANDING. THE STUDENT PILOT ADDED POWER TO ABORT THE LANDING. DURING THE INITIAL CLIMB THE AIRPLANE WAS HEADED TOWARD A POWERLINE AND THE PILOT TURNED TO THE RIGHT. THERE WAS INSUFFICIENT AIRSPEED TO SUSTAIN FLIGHT DURING THE TURN AND THE RIGHT WING IMPACTED THE GROUND. THE AIRPLANE CAME TO REST IN AN INVERTED POSITION. THE PILOT REPORTED THE WINDS FROM 240 DEGREES AT 25 KNOTS GUSTING TO 35 KNOTS.

Probable Cause and Findings

The National Transportation Safety Board determines the probable cause(s) of this accident to be: INADVERTENT STALL BY THE PILOT IN COMMAND. FACTORS WERE THE PILOT'S SELECTION OF THE WRONG RUNWAY, AND THE WIND CONDITIONS.

Findings

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

Findings

1. (F) WEATHER CONDITION - TAILWIND
2. (F) WEATHER CONDITION - CROSSWIND
3. (F) WRONG RUNWAY - SELECTED - PILOT IN COMMAND
4. GROUND LOOP/SWERVE - INADVERTENT - PILOT IN COMMAND
5. ABORTED TAKEOFF - PERFORMED - PILOT IN COMMAND

Occurrence #2: LOSS OF CONTROL - IN FLIGHT
Phase of Operation: TAKEOFF - INITIAL CLIMB

Findings

6. (C) STALL - INADVERTENT - PILOT IN COMMAND

Factual Information

Pilot Information

Certificate:	Student	Age:	47, Female
Airplane Rating(s):	None	Seat Occupied:	Center
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:	08/08/1992
Occupational Pilot:		Last Flight Review or Equivalent:	
Flight Time:	43 hours (Total, all aircraft), 43 hours (Total, this make and model), 21 hours (Pilot In Command, all aircraft), 22 hours (Last 90 days, all aircraft), 12 hours (Last 30 days, all aircraft), 1 hours (Last 24 hours, all aircraft)		

Aircraft and Owner/Operator Information

Aircraft Make:	PIPER	Registration:	N91930
Model/Series:	J3C-65 J3C-65	Aircraft Category:	Airplane
Year of Manufacture:		Amateur Built:	No
Airworthiness Certificate:	Normal	Serial Number:	16345
Landing Gear Type:	Tailwheel	Seats:	2
Date/Type of Last Inspection:	04/22/1992, Annual	Certified Max Gross Wt.:	1220 lbs
Time Since Last Inspection:	113 Hours	Engines:	1 Reciprocating
Airframe Total Time:	6763 Hours	Engine Manufacturer:	CONTINENTAL
ELT:	Not installed	Engine Model/Series:	A-65-8
Registered Owner:	ROBINSON, JAMES R.	Rated Power:	65 hp
Operator:	ROBINSON, JAMES R.	Operating Certificate(s) Held:	None

Meteorological Information and Flight Plan

Conditions at Accident Site:	Visual Conditions	Condition of Light:	Day
Observation Facility, Elevation:	ACT, 516 ft msl	Distance from Accident Site:	10 Nautical Miles
Observation Time:	1050 CST	Direction from Accident Site:	350°
Lowest Cloud Condition:	Clear / 0 ft agl	Visibility	15 Miles
Lowest Ceiling:	None / 0 ft agl	Visibility (RVR):	0 ft
Wind Speed/Gusts:	25 knots / 20 knots	Turbulence Type Forecast/Actual:	/
Wind Direction:	240°	Turbulence Severity Forecast/Actual:	/
Altimeter Setting:	29 inches Hg	Temperature/Dew Point:	22° C / 6° C
Precipitation and Obscuration:			
Departure Point:	GRANBURY, TX (OTXO)	Type of Flight Plan Filed:	None
Destination:		Type of Clearance:	None
Departure Time:	1000 CST	Type of Airspace:	Class G

Airport Information

Airport:	MCGREGOR MUNICIPAL (F60)	Runway Surface Type:	Asphalt
Airport Elevation:	590 ft	Runway Surface Condition:	Dry
Runway Used:	35	IFR Approach:	
Runway Length/Width:	5499 ft / 75 ft	VFR Approach/Landing:	

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):	JOYCE M SMITH	Report Date:	09/14/1993
Additional Participating Persons:	LARRY WILKINSON; FORT WORTH, TX		
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.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. A factual report that may be admissible under 49 U.S.C. § 1154(b) is available [here](#).