



National Transportation Safety Board Aviation Accident Data Summary

Location:	Burnett, TX	Accident Number:	DFW06CA174
Date & Time:	07/01/2006, 0850 CDT	Registration:	N7943G
Aircraft:	Cessna 172L	Injuries:	1 Minor, 2 None
Flight Conducted Under:	Part 91: General Aviation - Instructional		

Analysis

The 20,000-hour flight instructor reported that while on an instructional flight at about 700 feet above ground level (AGL), he reduced the engine power to idle, applied carburetor heat, and asked the student pilot to perform a simulated forced landing. The student pilot elected to land in a nearby field on a southerly heading. The flight instructor added that the field was adequate for the emergency landing; however, it would require the use of full flaps to make the approach. At approximately 150 feet above ground level (AGL), the student pilot applied partial power and began retracting the electric flaps. According to the flight instructor's statement, he increased the throttle to full power and slightly lowered the airplane's nose high attitude. However, the airplane continued to lose altitude and then stalled just before entering the trees. There was no fire and all three occupants were able to egress from the airplane unassisted.

Probable Cause

The National Transportation Safety Board determines the probable cause(s) of this accident to be: The flight instructor's delayed remedial action during a simulated emergency landing, which resulted in an inadvertent stall.

Findings

Occurrence #1: LOSS OF CONTROL - IN FLIGHT
Phase of Operation: GO-AROUND (VFR)

Findings

1. EMERGENCY PROCEDURE - SIMULATED - PILOT IN COMMAND(CFI)
2. GO-AROUND - ATTEMPTED - DUAL STUDENT
3. RAISING OF FLAPS - PREMATURE - DUAL STUDENT
4. (C) REMEDIAL ACTION - DELAYED - PILOT IN COMMAND(CFI)
5. STALL/MUSH - INADVERTENT - DUAL STUDENT
6. (F) REMEDIAL ACTION - DELAYED - PILOT IN COMMAND(CFI)

Occurrence #2: IN FLIGHT COLLISION WITH TERRAIN/WATER
Phase of Operation: DESCENT - UNCONTROLLED

Findings

7. OBJECT - TREE(S)

Flight Instructor Information

Certificate:	Airline Transport; Flight Instructor; Commercial	Age:	76
Airplane Rating(s):	Multi-engine Land; Single-engine Land	Instrument Rating(s):	Airplane
Other Aircraft Rating(s):	None	Instructor Rating(s):	Airplane Multi-engine; Airplane Single-engine; Instrument Airplane
Flight Time:	20000 hours (Total, all aircraft), 2500 hours (Total, this make and model)		

Aircraft and Owner/Operator Information

Aircraft Manufacturer:	Cessna	Registration:	N7943G
Model/Series:	172L	Engines:	1 Reciprocating
Operator:	Faulknors Air Shop Inc	Engine Manufacturer:	Lycoming
Air Carrier Operating Certificate:	None	Engine Model/Series:	O-320
Flight Conducted Under:	Part 91: General Aviation - Instructional		

Meteorological Information and Flight Plan

Observation Facility, Elevation:	KBMQ, 1284 ft msl	Weather Information Source:	Weather Observation Facility
Conditions at Accident Site:	Visual Conditions	Lowest Ceiling:	None
Condition of Light:	Day	Wind Speed/Gusts, Direction:	6 knots, 190°
Temperature:	28°C / 19°C	Visibility	10 Miles
Precipitation and Obscuration:	No Precipitation		
Departure Point:	Burnett, TX (KBMQ)	Destination:	Burnet, TX (KBMQ)

Airport Information

Airport:	Burnet Municipal Airport (KBMQ)	Runway Surface Type:	Asphalt
Runway Used:	19	Runway Surface Condition:	
Runway Length/Width:	5000 ft / 75 ft		

Wreckage and Impact Information

Crew Injuries:	1 Minor, 1 None	Aircraft Damage:	Substantial
Passenger Injuries:	1 None	Aircraft Fire:	None
Ground Injuries:	N/A	Aircraft Explosion:	None

Administrative Information

Investigator In Charge (IIC):	Leah D Yeager	Adopted Date:	10/03/2006
Note:	This accident report documents the factual circumstances of this accident as described to the NTSB.		
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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