



National Transportation Safety Board Aviation Accident Data Summary

Location:	TUCSON, AZ	Accident Number:	LAX85LA166
Date & Time:	03/01/1985, 1250 PST	Registration:	N62344
Aircraft:	CESSNA 172	Injuries:	1 None
Flight Conducted Under:	Part 91: General Aviation - Instructional		

Analysis

THE PLT WAS COMMENCING HIS 1ST SOLO X-COUNTRY FLT. AT LIFT-OFF, THE ACFT ENTERED A LEFT BANK OF ABOUT 45 DEGS. THE STUDENT PLT REDUCED POWER & THE ACFT TOUCHED DOWN HARD ON THE DIRT BESIDE THE RWY & WAS DAMAGED. THE PLT BELIEVED THAT HE MAY HAVE ENCOUNTERED TURBC FROM A BOEING 737. THE BOEING 737 TOOK OFF ABOUT 2 MINS EARLIER ON RWY 11L. HOWEVER, IT DID NOT LIFT OFF UNTIL IT WAS ABOUT 2000 FT BEYOND THE INTERSECTION OF RWY 21 & RWY 11L. THE CESSNA HAD NOT YET REACHED THE INTERSECTION WHEN IT BANKED TO THE LEFT. THE PLT HAD ONLY 1.3 HRS SOLO FLT TIME.

Probable Cause

The National Transportation Safety Board determines the probable cause(s) of this accident to be:

Findings

Occurrence #1: LOSS OF CONTROL - IN FLIGHT
Phase of Operation: TAKEOFF - INITIAL CLIMB

Findings

1. (C) LIFT-OFF - IMPROPER - PILOT IN COMMAND
2. (C) STALL - INADVERTENT

Occurrence #2: IN FLIGHT COLLISION WITH TERRAIN/WATER
Phase of Operation: TAKEOFF

Findings

3. ABORTED TAKEOFF

Pilot Information

Certificate:	Student	Age:	35
Airplane Rating(s):	None	Instrument Rating(s):	None
Other Aircraft Rating(s):	None	Instructor Rating(s):	None
Flight Time:	36 hours (Total, all aircraft), 19 hours (Total, this make and model), 1 hours (Pilot In Command, all aircraft), 6 hours (Last 90 days, all aircraft)		

Aircraft and Owner/Operator Information

Aircraft Make:	CESSNA	Registration:	N62344
Model/Series:	172 172	Engines:	1 Reciprocating
Operator:	BORDERLINE AVIATION	Engine Manufacturer:	LYCOMING
Operating Certificate(s) Held:	None	Engine Model/Series:	O-320-D2J
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:	, 0 ft msl	Weather Information Source:	Pilot
Lowest Ceiling:	None / 0 ft agl	Wind Speed/Gusts, Direction:	9 knots / , 180°
Temperature:	21 °C	Visibility	60 Miles
Precipitation and Obscuration:			
Departure Point:	Destination: SELLS, AZ		

Airport Information

Airport:	TUCSON INTL (TUC)	Runway Surface Type:	Asphalt
Runway Used:	21	Runway Surface Condition:	Dry
Runway Length/Width:	7000 ft / 150 ft		

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
Latitude, Longitude:			

Administrative Information

Investigator In Charge (IIC): M W FUNK II

Adopted 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/>.

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