



National Transportation Safety Board Aviation Accident Data Summary

Location:	TUCSON, AZ	Accident Number:	LAX89LA142
Date & Time:	04/01/1989, 0837 MST	Registration:	N23972
Aircraft:	BEECH C24R	Injuries:	1 None
Flight Conducted Under:	Part 91: General Aviation - Personal		

Analysis

THE PILOT OF A BEECH C24R LANDED HARD ON RUNWAY 06 AT RYN, TUCSON, AZ. THE NOSE AND MAIN LANDING GEAR COLLAPSED AND THE AIRPLANE SLID OFF OF THE RUNWAY. DURING A TELEPHONE INTERVIEW, THE STUDENT PILOT STATED THAT HE WAS PRACTICING TOUCH AND GO LANDINGS ON RUNWAY 06. HE WAS ON ABOUT HIS EIGHTH LANDING WHEN THE ACCIDENT OCCURRED. HE BEGAN HIS FLARE FOR LANDING TOO HIGH, ABOUT TEN FEET ABOVE THE RUNWAY, AND THE AIRPLANE DROPPED IN HARD ON THE MAIN LANDING GEAR. THE NOSE GEAR COLLAPSED FIRST, THEN THE RIGHT AND LEFT MAIN LANDING GEAR. THE AIRPLANE DEPARTED THE RUNWAY, ON ITS BELLY, INTO THE DIRT. THERE WERE NO MECHANICAL MALFUNCTIONS OR FAILURES WITH THE AIRPLANE PRIOR TO THE ACCIDENT.

Probable Cause

The National Transportation Safety Board determines the probable cause(s) of this accident to be: PILOT MISJUDGED THE LANDING. THE PILOT BEGAN HIS FLARE TOO HIGH ABOVE THE RUNWAY RESULTING IN A HARD LANDING.

Findings

Occurrence #1: HARD LANDING

Phase of Operation: LANDING - FLARE/TOUCHDOWN

Findings

1. (C) FLARE - MISJUDGED - PILOT IN COMMAND
2. (F) LACK OF TOTAL EXPERIENCE - PILOT IN COMMAND

Occurrence #2: COMPLETE GEAR COLLAPSED

Phase of Operation: LANDING - ROLL

Occurrence #3: ON GROUND/WATER ENCOUNTER WITH TERRAIN/WATER

Phase of Operation: LANDING - ROLL

Findings

3. (F) TERRAIN CONDITION - RUNWAY

Pilot Information

Certificate:	Student	Age:	48
Airplane Rating(s):	None	Instrument Rating(s):	None
Other Aircraft Rating(s):	None	Instructor Rating(s):	None
Flight Time:	40 hours (Total, all aircraft), 40 hours (Total, this make and model)		

Aircraft and Owner/Operator Information

Aircraft Make:	BEECH	Registration:	N23972
Model/Series:	C24R C24R	Engines:	1 Reciprocating
Operator:	BARTON HODES	Engine Manufacturer:	LYCOMING
Operating Certificate(s) Held:	None	Engine Model/Series:	IO-360-A1B6
Flight Conducted Under:	Part 91: General Aviation - Personal		

Meteorological Information and Flight Plan

Conditions at Accident Site:	Visual Conditions	Condition of Light:	Day
Observation Facility, Elevation:	, 0 ft msl	Weather Information Source:	Unknown
Lowest Ceiling:	Broken / 25000 ft agl	Wind Speed/Gusts, Direction:	4 knots / , 100°
Temperature:	20° C	Visibility	40 Miles
Precipitation and Obscuration:			
Departure Point:	Destination:		

Airport Information

Airport:	RYAN FLD. (RYN)	Runway Surface Type:	Asphalt
Runway Used:	6	Runway Surface Condition:	Dry
Runway Length/Width:	5500 ft / 75 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): SHELBY K ISBELL

Adopted Date: 03/29/1991

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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