



National Transportation Safety Board Aviation Accident Data Summary

Location:	KILLEEN, TX	Accident Number:	FTW84FA297
Date & Time:	07/01/1984, 1405 CDT	Registration:	N67HB
Aircraft:	STEPHENS AKRO-MASTER	Injuries:	1 Fatal
Flight Conducted Under:	Part 91: General Aviation - Personal		

Analysis

THE ACFT COLLIDED WITH THE GROUND FOLLOWING A LOW ALT AEROBATIC MANEUVER WHILE PARTICIPATING IN AN AIRSHOW. INVESTIGATION REVEALED THE ACFT ENTERED A SNAP ROLL AT ABOUT 800 FT AGL, MADE ONE COMPLETE REVOLUTION IN ABOUT A 20-45 DEG NOSE DOWN ATTITUDE, ENTERED A SECOND SNAP ROLL FOR ABOUT 3/4 REVOLUTION AND IMPACTED THE GROUND. INVESTIGATION DID NOT REVEAL ANY EVIDENCE OF PRE-IMPACT FAILURE OR MALFUNCTION OF THE AIRFRAME OR POWERPLANT. AN AUTOPSY AND TOXICOLOGY STUDY OF THE PLT WERE NEGATIVE.

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: MANEUVERING

Findings

1. (C) AIRCRAFT HANDLING - POOR - PILOT IN COMMAND
 2. (F) OVERCONFIDENCE IN PERSONAL ABILITY - PILOT IN COMMAND
 3. (C) CLEARANCE - INADEQUATE - PILOT IN COMMAND
 4. (C) AIRSPEED - INADEQUATE - PILOT IN COMMAND
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Occurrence #2: IN FLIGHT COLLISION WITH TERRAIN/WATER
Phase of Operation: DESCENT - UNCONTROLLED

Findings

5. TERRAIN CONDITION - GROUND

Pilot Information

Certificate:	Commercial	Age:	67
Airplane Rating(s):	Multi-engine Land; Single-engine Land	Instrument Rating(s):	Airplane; Helicopter
Other Aircraft Rating(s):	Helicopter	Instructor Rating(s):	None
Flight Time:	1296 hours (Total, all aircraft), 96 hours (Total, this make and model)		

Aircraft and Owner/Operator Information

Aircraft Make:	STEPHENS	Registration:	N67HB
Model/Series:	AKRO-MASTER AKRO-MASTE	Engines:	1 Reciprocating
Operator:	HORACE W. BUCE	Engine Manufacturer:	FRANKLIN
Operating Certificate(s) Held:	None	Engine Model/Series:	6A-350C1
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:	GRK, 850 ft msl	Weather Information Source:	Weather Observation Facility
Lowest Ceiling:	Broken / 4500 ft agl	Wind Speed/Gusts, Direction:	6 knots / , 100°
Temperature:	33° C	Visibility	14 Miles
Precipitation and Obscuration:			
Departure Point:	KILLEEN, TX (ILE)	Destination:	

Airport Information

Airport:	KILLEEN MUNI (ILE)	Runway Surface Type:	Asphalt
Runway Used:	1	Runway Surface Condition:	Dry
Runway Length/Width:	5000 ft / 100 ft		

Wreckage and Impact Information

Crew Injuries:	1 Fatal	Aircraft Damage:	Destroyed
Passenger Injuries:	N/A	Aircraft Fire:	None
Ground Injuries:	N/A	Aircraft Explosion:	None
Latitude, Longitude:			

Administrative Information

Investigator In Charge (IIC): WARREN V WANDEL

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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