



National Transportation Safety Board Aviation Accident Data Summary

Location:	STONEVILLE, NC	Accident Number:	MIA99LA211
Date & Time:	08/01/1999, 1026 EDT	Registration:	N9169E
Aircraft:	Mooney M-20R	Injuries:	1 None
Flight Conducted Under:	Part 91: General Aviation - Personal		

Analysis

The pilot stated that he proceeded to Rockingham County Shiloh Airport to practice landings before going on to Greensboro, North Carolina. During the second landing, the aircraft bounced twice, and upon the subsequent go-around attempt he lost directional control and the aircraft struck hangars and was substantially damaged.

Probable Cause

The National Transportation Safety Board determines the probable cause(s) of this accident to be: the pilot's failure to maintain airspeed, and adequately compensate for torque and P-factor, resulting in the loss of directional control, collision with hangars, and substantial damage to the aircraft during the attempted go around/recovery from a landing.

Findings

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

Findings

1. (C) RECOVERY FROM BOUNCED LANDING - INADEQUATE - PILOT IN COMMAND
2. GO-AROUND - INITIATED - PILOT IN COMMAND
3. (C) AIRSPEED - NOT MAINTAINED - PILOT IN COMMAND
4. (C) TORQUE/P-FACTOR - MISJUDGED - PILOT IN COMMAND
5. DIRECTIONAL CONTROL - NOT MAINTAINED - PILOT IN COMMAND

Occurrence #2: IN FLIGHT COLLISION WITH OBJECT
Phase of Operation: GO-AROUND (VFR)

Findings

6. OBJECT - HANGAR/AIRPORT BUILDING

Pilot Information

Certificate:	Private	Age:	52
Airplane Rating(s):	Single-engine Land	Instrument Rating(s):	Airplane
Other Aircraft Rating(s):	None	Instructor Rating(s):	None
Flight Time:	426 hours (Total, all aircraft), 18 hours (Total, this make and model), 362 hours (Pilot In Command, all aircraft), 18 hours (Last 90 days, all aircraft), 5 hours (Last 30 days, all aircraft), 1 hours (Last 24 hours, all aircraft)		

Aircraft and Owner/Operator Information

Aircraft Make:	Mooney	Registration:	N9169E
Model/Series:	M-20R M-20R	Engines:	1 Reciprocating
Operator:	MICHAEL D. BROCK	Engine Manufacturer:	Continental
Operating Certificate(s) Held:	None	Engine Model/Series:	IO-550G
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:	GSO, 926 ft msl	Weather Information Source:	Weather Observation Facility
Lowest Ceiling:	Broken / 25000 ft agl	Wind Speed/Gusts, Direction:	8 knots / , 300°
Temperature:	31° C	Visibility	9 Miles
Precipitation and Obscuration:			
Departure Point:	MONETA, VA (W91)	Destination:	GREENSBORO, NC (GSO)

Airport Information

Airport:	ROCKINGHAM COUNTY SHILOH (N45)	Runway Surface Type:	Asphalt
Runway Used:	31	Runway Surface Condition:	Dry
Runway Length/Width:	5199 ft / 100 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): JOHN W LOVELL Adopted Date: 09/12/2000

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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