



National Transportation Safety Board Aviation Accident Data Summary

Location:	NEW SMYRNA BCH, FL	Accident Number:	MIA87FA020
Date & Time:	11/01/1986, 1230 EST	Registration:	N3059
Aircraft:	BUSHBY MM-1	Injuries:	1 Fatal
Flight Conducted Under:	Part 91: General Aviation - Personal		

Analysis

WITNESSES, INCLUDING THE VICTIM'S SON RIDING AS A PAX IN ANOTHER ACFT FLYING AT 800 FT, OBSERVED THE MIDGET MUSTANG COMING UP FROM THE RIGHT, BEHIND AND BELOW THEM. WHILE STILL BELOW THEIR ALT, THE MUSTANG WAS OBSERVED TO ROLL TO THE RIGHT, AWAY FROM THEM, ROLL INVERTED AND ATTEMPT A 'SPLIT-S' MANEUVER. THE 'SPLIT-S' WAS NOT COMPLETED BEFORE THE ACFT STRUCK THE TOP OF A TREE ABOUT 50 FT HIGH AND CRASHED TO THE GROUND. THE PLT WITNESS, A FRIEND OF THE DECEASED PLT, STATED THAT ON PAST OCCASSIONS HE HAD OBSERVED THE PLT PULL UP IN THE VICINITY OF HIS ACFT AND PERFORM A ROLL.

Probable Cause

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

Findings

Occurrence #1: IN FLIGHT COLLISION WITH OBJECT
Phase of Operation: MANEUVERING

Findings

1. (F) OBJECT - TREE(S)
2. (F) AEROBATICS - PERFORMED - PILOT IN COMMAND
3. (C) PROPER ALTITUDE - NOT ATTAINED - PILOT IN COMMAND
4. (C) ALTITUDE - MISJUDGED - PILOT IN COMMAND
5. (C) JUDGMENT - POOR - PILOT IN COMMAND

Pilot Information

Certificate:	Airline Transport	Age:	60
Airplane Rating(s):	Multi-engine Land; Single-engine Land	Instrument Rating(s):	Airplane
Other Aircraft Rating(s):	None	Instructor Rating(s):	None
Flight Time:	30000 hours (Total, all aircraft), 300 hours (Total, this make and model)		

Aircraft and Owner/Operator Information

Aircraft Make:	BUSHBY	Registration:	N3059
Model/Series:	MM-1 MM-1	Engines:	1 Reciprocating
Operator:	JOSEPH G. SCHULTE	Engine Manufacturer:	LYCOMING
Operating Certificate(s) Held:	None	Engine Model/Series:	O-235-C1
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:	DAB, 35 ft msl	Weather Information Source:	Unknown
Lowest Ceiling:	Broken / 1300 ft agl	Wind Speed/Gusts, Direction:	12 knots / , 360°
Temperature:	27° C	Visibility	7 Miles
Precipitation and Obscuration:			
Departure Point:	NEW SMYRNA BCH, FL (X50)	Destination:	DAYTONA BEACH, FL (44J)

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):	RONALD W BIRD	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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