



National Transportation Safety Board Aviation Accident Data Summary

Location:	ORLANDO, FL	Accident Number:	MIA97LA079
Date & Time:	02/01/1997, 1400 EST	Registration:	N599T
Aircraft:	Beech V35	Injuries:	2 None
Flight Conducted Under:	Part 91: General Aviation - Instructional		

Analysis

The flight instructor (CFI) and private pilot had reviewed airwork, turns, stalls, slow flight, take off and landings. They elected to practice procedures for a simulated engine failure. According to the CFI, 'on go-around, engine failed to produce power, resulting in forced landing....' The FAA inspector stated that during the approach, they were at a fast landing speed and high on the approach. At an altitude of about 100 feet above the ground, they attempted to go around and advanced the throttle, but the engine did not respond. Subsequently, during the forced landing, the airplane collided with a tree. The engine was removed from the airframe, and a test run was conducted under the supervision of the FAA. The engine run revealed no discrepancies. The private pilot did not submit a statement to explain her account of the events.

Probable Cause

The National Transportation Safety Board determines the probable cause(s) of this accident to be: loss of engine power for undetermined reason(s). Trees in the emergency landing area were a related factor.

Findings

Occurrence #1: LOSS OF ENGINE POWER(PARTIAL) - NONMECHANICAL
Phase of Operation: LANDING - ABORTED

Findings

1. EMERGENCY PROCEDURE - SIMULATED
2. GO-AROUND - INITIATED
3. (C) REASON FOR OCCURRENCE UNDETERMINED

Occurrence #2: FORCED LANDING
Phase of Operation: EMERGENCY DESCENT/LANDING

Occurrence #3: IN FLIGHT COLLISION WITH OBJECT
Phase of Operation: EMERGENCY LANDING

Findings

4. OBJECT - TREE(S)

Pilot Information

Certificate:	Private	Age:	53
Airplane Rating(s):	Single-engine Land	Instrument Rating(s):	Airplane
Other Aircraft Rating(s):	None	Instructor Rating(s):	None
Flight Time:	530 hours (Total, all aircraft)		

Aircraft and Owner/Operator Information

Aircraft Make:	Beech	Registration:	N599T
Model/Series:	V35 V35	Engines:	1 Reciprocating
Operator:	IFF II INC.	Engine Manufacturer:	Continental
Operating Certificate(s) Held:	None	Engine Model/Series:	IO-520BB
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:	ORL, 150 ft msl	Weather Information Source:	Weather Observation Facility
Lowest Ceiling:	None / 0 ft agl	Wind Speed/Gusts, Direction:	Calm / ,
Temperature:	22° C	Visibility	15 Miles
Precipitation and Obscuration:			
Departure Point:	(13X)	Destination:	

Airport Information

Airport:	TANGERINE (13X)	Runway Surface Type:	Grass/turf
Runway Used:	9	Runway Surface Condition:	Dry
Runway Length/Width:	2600 ft / 100 ft		

Wreckage and Impact Information

Crew Injuries:	2 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): ALAN J YURMAN

Adopted Date: 08/29/1997

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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