



## National Transportation Safety Board Aviation Accident Factual Report

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<b>Location:</b>	ORLANDO, FL	<b>Accident Number:</b>	MIA97LA079
<b>Date &amp; Time:</b>	02/01/1997, 1400 EST	<b>Registration:</b>	N599T
<b>Aircraft:</b>	Beech V35	<b>Aircraft Damage:</b>	Substantial
<b>Defining Event:</b>		<b>Injuries:</b>	2 None

**Flight Conducted Under:** Part 91: General Aviation - Instructional

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On February 1, 1997, about 1400 eastern standard time, a Beech V35, N599T, registered to a private owner, was substantially damaged while on approach, near Orlando, Florida. The airline transport-rated pilot, certified flight instructor (CFI), and a private pilot were not injured. Visual meteorological conditions (VMC) prevailed in the vicinity, and no flight plan had been filed. The local training flight originated at 1300, and was being conducted in accordance with Title 14 CFR Part 91.

According to the CFI's statement he and the private pilot had reviewed "airwork, turns, stalls, slow flight, take off and landings." On the accident landing he said, "...conducting simulated engine failure...on go-around, engine failed to produce power, resulting in forced landing...."

The FAA inspector stated that on this 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, advanced the throttle, and landed in a tree.

The engine was removed from the airframe and shipped to Continental Motor's facilities, in Mobile, Alabama, where an engine test run was conducted under the supervision of the FAA, on March 16, 1997. The engine run revealed no discrepancies.

The first pilot did not submit a statement pertaining to the facts in this accident, and her account of the events of the accident are not known. According to the FAA they made several attempts to contact the pilot and were unsuccessful.

## Pilot Information

<b>Certificate:</b>	Private	<b>Age:</b>	53, Female
<b>Airplane Rating(s):</b>	Single-engine Land	<b>Seat Occupied:</b>	Left
<b>Other Aircraft Rating(s):</b>	None	<b>Restraint Used:</b>	Seatbelt
<b>Instrument Rating(s):</b>	Airplane	<b>Second Pilot Present:</b>	Yes
<b>Instructor Rating(s):</b>	None	<b>Toxicology Performed:</b>	No
<b>Medical Certification:</b>	Class 3 Unknown	<b>Last FAA Medical Exam:</b>	01/31/1997
<b>Occupational Pilot:</b>		<b>Last Flight Review or Equivalent:</b>	
<b>Flight Time:</b>	530 hours (Total, all aircraft)		

## Aircraft and Owner/Operator Information

<b>Aircraft Make:</b>	Beech	<b>Registration:</b>	N599T
<b>Model/Series:</b>	V35 V35	<b>Aircraft Category:</b>	Airplane
<b>Year of Manufacture:</b>		<b>Amateur Built:</b>	No
<b>Airworthiness Certificate:</b>	Normal	<b>Serial Number:</b>	D-8397
<b>Landing Gear Type:</b>	Retractable - Tricycle	<b>Seats:</b>	6
<b>Date/Type of Last Inspection:</b>	08/08/1996, Annual	<b>Certified Max Gross Wt.:</b>	3400 lbs
<b>Time Since Last Inspection:</b>		<b>Engines:</b>	1 Reciprocating
<b>Airframe Total Time:</b>	1962 Hours	<b>Engine Manufacturer:</b>	Continental
<b>ELT:</b>		<b>Engine Model/Series:</b>	IO-520BB
<b>Registered Owner:</b>	IFF II INC.	<b>Rated Power:</b>	285 hp
<b>Operator:</b>	IFF II INC.	<b>Operating Certificate(s) Held:</b>	None

## Meteorological Information and Flight Plan

Conditions at Accident Site:	Visual Conditions	Condition of Light:	Day
Observation Facility, Elevation:	ORL, 150 ft msl	Distance from Accident Site:	1 Nautical Miles
Observation Time:	1450 EST	Direction from Accident Site:	270°
Lowest Cloud Condition:	Clear / 0 ft agl	Visibility	15 Miles
Lowest Ceiling:	None / 0 ft agl	Visibility (RVR):	0 ft
Wind Speed/Gusts:	Calm /	Turbulence Type Forecast/Actual:	/
Wind Direction:		Turbulence Severity Forecast/Actual:	/
Altimeter Setting:	30 inches Hg	Temperature/Dew Point:	22° C / 2° C
Precipitation and Obscuration:			
Departure Point:	(13X)	Type of Flight Plan Filed:	None
Destination:		Type of Clearance:	None
Departure Time:	1330 EST	Type of Airspace:	

## Airport Information

Airport:	TANGERINE (13X)	Runway Surface Type:	Grass/turf
Airport Elevation:	125 ft	Runway Surface Condition:	Dry
Runway Used:	9	IFR Approach:	None
Runway Length/Width:	2600 ft / 100 ft	VFR Approach/Landing:	Simulated Forced Landing

## 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
Total Injuries:	2 None	Latitude, Longitude:	

## Administrative Information

Investigator In Charge (IIC):	ALAN J YURMAN
Additional Participating Persons:	FRANK RIOS; ORLANDO, FL
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 <a href="mailto:pubinq@ntsb.gov">pubinq@ntsb.gov</a> , or at 800-877-6799. Dockets released after this date are available at <a href="http://dms.nts.gov/pubdms/">http://dms.nts.gov/pubdms/</a> .