



## National Transportation Safety Board Aviation Accident Factual Report

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<b>Location:</b>	Taunton, MA	<b>Accident Number:</b>	NYC03LA078
<b>Date &amp; Time:</b>	04/02/2003, 1435 EST	<b>Registration:</b>	N88387
<b>Aircraft:</b>	Piper J3C-65	<b>Aircraft Damage:</b>	Substantial
<b>Defining Event:</b>		<b>Injuries:</b>	1 None
<b>Flight Conducted Under:</b>	Part 91: General Aviation - Personal		

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On April 2, 2003, at 1435 eastern standard time, a Piper J3C-65, N88387, was substantially damaged during an aborted landing at the Taunton Municipal Airport (TAN), Taunton, Massachusetts. The certificated private pilot was not injured. Visual meteorological conditions prevailed, and no flight plan had been filed for the local personal flight conducted under 14 CFR Part 91.

According to the pilot, prior to departing TAN, he noted the wind sock was 70 to 90 degrees different to the wind he physically felt on the ground. He departed runway 30, and while in flight, he observed smoke near the airport which indicated a crosswind of approximately 135 degrees to the runway. He said this, "Appeared to be the same as on take off." The pilot said when he landed on runway 30, the wind shifted and the tail of the airplane was picked up by the "tail/cross wind." The airplane then veered left and started to depart the runway. Unable to correct with rudder or brakes, the pilot applied full power to abort the landing. After lift off, to avoid trees, the pilot banked right.

The pilot further stated, "...I had to bank right behind the wind sock, the combination of the tail wind and bank caused the right wing to stall and slide into the ground by the wind sock." The pilot did not report any pre-impact mechanical difficulties with the airplane.

According to a Federal Aviation Administration inspector, examination of the airplane revealed the right wing spar was broken at the fuselage.

Winds at TAN were reported to be from 110 degrees at 7 knots about 20 minutes after the accident, and as calm 45 minutes before the accident.

## Pilot Information

<b>Certificate:</b>	Private	<b>Age:</b>	46, Male
<b>Airplane Rating(s):</b>	Single-engine Land	<b>Seat Occupied:</b>	
<b>Other Aircraft Rating(s):</b>	None	<b>Restraint Used:</b>	
<b>Instrument Rating(s):</b>	None	<b>Second Pilot Present:</b>	No
<b>Instructor Rating(s):</b>	None	<b>Toxicology Performed:</b>	No
<b>Medical Certification:</b>	Class 2 Valid Medical--no waivers/lim.	<b>Last FAA Medical Exam:</b>	03/06/2002
<b>Occupational Pilot:</b>		<b>Last Flight Review or Equivalent:</b>	
<b>Flight Time:</b>	340 hours (Total, all aircraft), 15 hours (Total, this make and model)		

## Aircraft and Owner/Operator Information

<b>Aircraft Make:</b>	Piper	<b>Registration:</b>	N88387
<b>Model/Series:</b>	J3C-65	<b>Aircraft Category:</b>	Airplane
<b>Year of Manufacture:</b>		<b>Amateur Built:</b>	No
<b>Airworthiness Certificate:</b>	Normal	<b>Serial Number:</b>	16005
<b>Landing Gear Type:</b>	Tailwheel	<b>Seats:</b>	2
<b>Date/Type of Last Inspection:</b>	06/24/2002, Annual	<b>Certified Max Gross Wt.:</b>	
<b>Time Since Last Inspection:</b>		<b>Engines:</b>	1 Reciprocating
<b>Airframe Total Time:</b>	4704 Hours as of last inspection	<b>Engine Manufacturer:</b>	Continental
<b>ELT:</b>		<b>Engine Model/Series:</b>	C65
<b>Registered Owner:</b>	William E. Taylor	<b>Rated Power:</b>	65 hp
<b>Operator:</b>	William E. Taylor	<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:	TAN, 43 ft msl	Distance from Accident Site:	
Observation Time:	1452 EST	Direction from Accident Site:	
Lowest Cloud Condition:		Visibility	10 Miles
Lowest Ceiling:	Overcast / 6000 ft agl	Visibility (RVR):	
Wind Speed/Gusts:	7 knots /	Turbulence Type Forecast/Actual:	/
Wind Direction:	110°	Turbulence Severity Forecast/Actual:	/
Altimeter Setting:	29.97 inches Hg	Temperature/Dew Point:	10° C / 1° C
Precipitation and Obscuration:			
Departure Point:	Taunton, MA (TAN)	Type of Flight Plan Filed:	None
Destination:	(TAN)	Type of Clearance:	None
Departure Time:	EST	Type of Airspace:	Class E

## Airport Information

Airport:	TAUNTON MUNI (TAN)	Runway Surface Type:	Asphalt
Airport Elevation:	43 ft	Runway Surface Condition:	Dry
Runway Used:	30	IFR Approach:	
Runway Length/Width:	3500 ft / 75 ft	VFR Approach/Landing:	Full Stop; Traffic Pattern

## 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
Total Injuries:	1 None	Latitude, Longitude:	41.871389, -71.009722

## Administrative Information

Investigator In Charge (IIC):	Robert L Pearce
Additional Participating Persons:	Chris Mehegan; FAA/FSDO; Boston, MA
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> .