



National Transportation Safety Board Aviation Accident Factual Report

Location:	DENTON, TX	Accident Number:	FTW99LA088
Date & Time:	03/01/1999, 1515 CST	Registration:	N92350
Aircraft:	Piper J3C-65	Aircraft Damage:	Substantial
Defining Event:		Injuries:	1 Minor, 1 None

Flight Conducted Under: Part 91: General Aviation - Instructional

On March 1, 1999, at 1515 central standard time, a Piper J3C-65 airplane, N92350, sustained substantial damage during a forced landing following a loss of engine power on takeoff from Hartlee Field Airport near Denton, Texas. The airplane was registered to and operated by a private individual. The flight instructor sustained minor injuries, and the airline transport pilot receiving instruction was not injured. Visual meteorological conditions prevailed, and a flight plan was not filed for the 14 Code of Federal Regulations Part 91 instructional flight.

The flight instructor reported that the "check out" flight departed Lakeview Airport, Lake Dallas, Texas, about 1440 and proceeded to Hartlee Field. Following a full stop landing, with the pilot receiving instruction on the controls, a takeoff was initiated to the north. According to the flight instructor, "at approximately 100 feet the engine power completely disappeared." The flight instructor took control and turned the airplane approximately 45 degrees left to avoid a steel rail fence at the end of the runway. While the airplane was in the turn, the left wing tip struck the ground. The airplane turned 180 degrees and came to rest heading south approximately 50 feet from the wing touchdown point and 150 feet west of the runway centerline. An FAA inspector examined the airplane and reported that the left wing, main landing gear, propeller, engine, and firewall were damaged.

A mechanic examined the airplane and found "the throttle control cable housing free, due to a broken attaching clamp." The mechanic reported that the broken clamp was made of aluminum; however, a steel clamp, Piper P/N 7536, "should have been used." The mechanic further reported that "the clamp appeared to have been fretting for some time, due to the appearance of the edges, but the main break looked fresh." He did not think the impact broke the clamp, "because when [he] held the cable assembly in its proper place, it was relaxed, with no strain, even though the airframe was bent in that area." The mechanic found no other anomalies during his examination of the airplane.

Pilot Information

Certificate:	Airline Transport; Flight Instructor; Commercial	Age:	47, Male
Airplane Rating(s):	Multi-engine Land; Single-engine Land	Seat Occupied:	Front
Other Aircraft Rating(s):	None	Restraint Used:	Seatbelt
Instrument Rating(s):	Airplane	Second Pilot Present:	Yes
Instructor Rating(s):	Airplane Multi-engine; Airplane Single-engine; Instrument Airplane	Toxicology Performed:	No
Medical Certification:	Class 2 Valid Medical--no waivers/lim.	Last FAA Medical Exam:	08/10/1998
Occupational Pilot:		Last Flight Review or Equivalent:	
Flight Time:	7848 hours (Total, all aircraft), 500 hours (Total, this make and model), 4500 hours (Pilot In Command, all aircraft), 280 hours (Last 90 days, all aircraft), 100 hours (Last 30 days, all aircraft), 3 hours (Last 24 hours, all aircraft)		

Aircraft and Owner/Operator Information

Aircraft Make:	Piper	Registration:	N92350
Model/Series:	J3C-65 J3C-65	Aircraft Category:	Airplane
Year of Manufacture:		Amateur Built:	No
Airworthiness Certificate:	Normal	Serial Number:	16807
Landing Gear Type:	Tailwheel	Seats:	2
Date/Type of Last Inspection:	12/31/1998, 100 Hour	Certified Max Gross Wt.:	1170 lbs
Time Since Last Inspection:	57 Hours	Engines:	1 Reciprocating
Airframe Total Time:	3414 Hours	Engine Manufacturer:	Continental
ELT:	Installed, activated, did not aid in locating accident	Engine Model/Series:	A-65-8
Registered Owner:	ARTHUR J. KIPLING	Rated Power:	65 hp
Operator:	ARTHUR J. KIPLING	Operating Certificate(s) Held:	None

Meteorological Information and Flight Plan

Conditions at Accident Site:	Visual Conditions	Condition of Light:	Day
Observation Facility, Elevation:	, 0 ft msl	Distance from Accident Site:	0 Nautical Miles
Observation Time:	0000	Direction from Accident Site:	0°
Lowest Cloud Condition:	Clear / 0 ft agl	Visibility	10 Miles
Lowest Ceiling:	None / 0 ft agl	Visibility (RVR):	0 ft
Wind Speed/Gusts:	1 knots /	Turbulence Type Forecast/Actual:	/
Wind Direction:	90°	Turbulence Severity Forecast/Actual:	/
Altimeter Setting:		Temperature/Dew Point:	18° C
Precipitation and Obscuration:			
Departure Point:	(1F3)	Type of Flight Plan Filed:	None
Destination:	LAKE DALLAS, TX (30F)	Type of Clearance:	None
Departure Time:	1515 CST	Type of Airspace:	Class G

Airport Information

Airport:	HARTLEE FIELD (1F3)	Runway Surface Type:	Grass/turf
Airport Elevation:	600 ft	Runway Surface Condition:	Dry
Runway Used:	35	IFR Approach:	
Runway Length/Width:	2100 ft / 100 ft	VFR Approach/Landing:	

Wreckage and Impact Information

Crew Injuries:	1 Minor, 1 None	Aircraft Damage:	Substantial
Passenger Injuries:	N/A	Aircraft Fire:	None
Ground Injuries:	N/A	Aircraft Explosion:	None
Total Injuries:	1 Minor, 1 None	Latitude, Longitude:	

Administrative Information

Investigator In Charge (IIC):	GEORGIA R SNYDER
Additional Participating Persons:	MARK A WILBORN; FORT WORTH, TX
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/ .