



Aviation Investigation Final Report

Location:	Justin, Texas	Accident Number:	DFW06CA143
Date & Time:	May 27, 2006, 09:30 Local	Registration:	N95016
Aircraft:	Taylorcraft BC12-D	Aircraft Damage:	Substantial
Defining Event:		Injuries:	1 None
Flight Conducted Under:	Part 91: General aviation - Personal		

Analysis

The 525-hour private pilot was taxiing the tailwheel-equipped vintage airplane after landing when a gust of wind lifted the right wing and "cartwheeled" the single-engine airplane into a fence. The airplane came to rest in the inverted position and there was no post accident fire. The pilot was able to egress the airplane unassisted. No mechanical anomalies were reported with the flight controls. The pilot reported having accumulated 102 hours in the same make and model. Several minutes before the accident, the automated weather observing system located 6 nautical miles northeast from the site of the accident reported, wind from 140 degrees varying to 200 degrees at 19 knots gusting to 23 knots.

Probable Cause and Findings

The National Transportation Safety Board determines the probable cause(s) of this accident to be: The pilot's improper compensation for the prevailing high wind conditions.

Findings

Occurrence #1: LOSS OF CONTROL - ON GROUND/WATER
Phase of Operation: TAXI

Findings

1. (F) WEATHER CONDITION - HIGH WIND
2. (C) COMPENSATION FOR WIND CONDITIONS - IMPROPER - PILOT IN COMMAND

Occurrence #2: ON GROUND/WATER COLLISION WITH OBJECT
Phase of Operation: TAXI

Findings

3. OBJECT - FENCE

Factual Information

The 525-hour private pilot was taxiing the tailwheel-equipped vintage airplane after landing when a gust of wind lifted the right wing and "cartwheeled" the single-engine airplane into a fence. The airplane came to rest in the inverted position and there was no post accident fire. The pilot was able to egress the airplane unassisted. No mechanical anomalies were reported with the flight controls. The pilot reported having accumulated 102 hours in the same make and model. Several minutes before the accident, the automated weather observing system located 6 nautical miles northeast from the site of the accident reported, wind from 140 degrees varying to 200 degrees at 19 knots gusting to 23 knots.

Pilot Information

Certificate:	Private	Age:	58, Male
Airplane Rating(s):	None	Seat Occupied:	
Other Aircraft Rating(s):	None	Restraint Used:	
Instrument Rating(s):	None	Second Pilot Present:	No
Instructor Rating(s):		Toxicology Performed:	No
Medical Certification:	Class 3	Last FAA Medical Exam:	September 1, 2004
Occupational Pilot:		Last Flight Review or Equivalent:	
Flight Time:	525 hours (Total, all aircraft), 102 hours (Total, this make and model), 252 hours (Pilot In Command, all aircraft), 4 hours (Last 90 days, all aircraft), 1 hours (Last 30 days, all aircraft), 1 hours (Last 24 hours, all aircraft)		

Aircraft and Owner/Operator Information

Aircraft Make:	Taylorcraft	Registration:	N95016
Model/Series:	BC12-D	Aircraft Category:	Airplane
Year of Manufacture:		Amateur Built:	
Airworthiness Certificate:	Normal	Serial Number:	9416
Landing Gear Type:	Tailwheel	Seats:	
Date/Type of Last Inspection:		Certified Max Gross Wt.:	
Time Since Last Inspection:		Engines:	1 Reciprocating
Airframe Total Time:		Engine Manufacturer:	Continental
ELT:		Engine Model/Series:	A65-8F
Registered Owner:	Caplingers Crane and Equipment Inc	Rated Power:	65 Horsepower
Operator:	Jimmy Caplinger	Operating Certificate(s) Held:	None

Meteorological Information and Flight Plan

Conditions at Accident Site:	Visual (VMC)	Condition of Light:	Day
Observation Facility, Elevation:	DT0,642 ft msl	Distance from Accident Site:	6 Nautical Miles
Observation Time:	09:27 Local	Direction from Accident Site:	45°
Lowest Cloud Condition:	Clear	Visibility	10 miles
Lowest Ceiling:	Broken / 2800 ft AGL	Visibility (RVR):	
Wind Speed/Gusts:	19 knots / 23 knots	Turbulence Type Forecast/Actual:	/
Wind Direction:		Turbulence Severity Forecast/Actual:	/
Altimeter Setting:	29.82 inches Hg	Temperature/Dew Point:	27°C / 19°C
Precipitation and Obscuration:	No Obscuration; No Precipitation		
Departure Point:	KELLER, TX (7TX4)	Type of Flight Plan Filed:	None
Destination:	JUSTIN, TX (3TX6)	Type of Clearance:	None
Departure Time:		Type of Airspace:	

Airport Information

Airport:	CLARK 3TX6	Runway Surface Type:	
Airport Elevation:		Runway Surface Condition:	
Runway Used:		IFR Approach:	None
Runway Length/Width:		VFR Approach/Landing:	None

Wreckage and Impact Information

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

Administrative Information

Investigator In Charge (IIC):	LeBaron, Timothy
Additional Participating Persons:	Les Salz; Federal Aviation Administration; Fort Worth, TX
Original Publish Date:	August 29, 2006
Last Revision Date:	
Investigation Class:	Class
Note:	This accident report documents the factual circumstances of this accident as described to the NTSB.
Investigation Docket:	https://data.nts.gov/Docket?ProjectID=63780

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