



Aviation Investigation Final Report

Location:	Venice, Florida	Accident Number:	ERA13CA182
Date & Time:	February 23, 2013, 12:00 Local	Registration:	C-GNEW
Aircraft:	Piper PA-46-310P	Aircraft Damage:	Substantial
Defining Event:	Ground handling event	Injuries:	1 None
Flight Conducted Under:	Part 91: General aviation - Personal		

Analysis

According to the pilot, he attempted to start the engine while it was still warm. He noted that he used several throttle and mixture lever positions to try to start the engine but that the starter clutch would not engage and the engine would not start. The pilot turned off the master switch, but he inadvertently left the magneto switch in the ON position. He then exited the airplane and rotated the propeller to assist the engine start. As he started to walk back to re-enter the airplane, the propeller moved, and the engine started. The airplane moved forward, struck a taxiway light, and came to rest in a ditch, resulting in substantial damage to the left wing. The pilot reported no preimpact mechanical malfunctions or failures with the airplane that would have precluded normal operation.

Probable Cause and Findings

The National Transportation Safety Board determines the probable cause(s) of this accident to be: The pilot’s failure to secure the airplane before moving the propeller to assist the engine start.

Findings

Personnel issues	Forgotten action/omission - Pilot
Aircraft	(general) - Related operating info

Factual Information

History of Flight

Standing-engine(s) start-up	Ground handling event (Defining event)
Standing-engine(s) start-up	Ground collision

Pilot Information

Certificate:	Foreign; Private	Age:	59, Male
Airplane Rating(s):	Single-engine land; Multi-engine land	Seat Occupied:	
Other Aircraft Rating(s):	None	Restraint Used:	
Instrument Rating(s):	Airplane	Second Pilot Present:	No
Instructor Rating(s):	None	Toxicology Performed:	No
Medical Certification:	Class 3 Without waivers/limitations	Last FAA Medical Exam:	January 9, 2013
Occupational Pilot:	No	Last Flight Review or Equivalent:	May 17, 2012
Flight Time:	1748 hours (Total, all aircraft), 470 hours (Total, this make and model), 1395 hours (Pilot In Command, all aircraft)		

Aircraft and Owner/Operator Information

Aircraft Make:	Piper	Registration:	C-GNEW
Model/Series:	PA-46-310P	Aircraft Category:	Airplane
Year of Manufacture:		Amateur Built:	
Airworthiness Certificate:	Normal	Serial Number:	46-8608029
Landing Gear Type:	Retractable - Tricycle	Seats:	5
Date/Type of Last Inspection:	September 7, 2012 Annual	Certified Max Gross Wt.:	4118 lbs
Time Since Last Inspection:		Engines:	1 Reciprocating
Airframe Total Time:	3648 Hrs at time of accident	Engine Manufacturer:	Continental Motors, Inc.
ELT:	Installed, not activated	Engine Model/Series:	TSIO-550-C1
Registered Owner:	1478392 Alberta Ltd	Rated Power:	310 Horsepower
Operator:	1478392 Alberta Ltd	Operating Certificate(s) Held:	None

Meteorological Information and Flight Plan

Conditions at Accident Site:	Visual (VMC)	Condition of Light:	Day
Observation Facility, Elevation:	VNC,18 ft msl	Distance from Accident Site:	0 Nautical Miles
Observation Time:	07:55 Local	Direction from Accident Site:	
Lowest Cloud Condition:	700 ft AGL	Visibility	8 miles
Lowest Ceiling:	Broken / 700 ft AGL	Visibility (RVR):	
Wind Speed/Gusts:	10 knots /	Turbulence Type Forecast/Actual:	/
Wind Direction:	150°	Turbulence Severity Forecast/Actual:	/
Altimeter Setting:	29.97 inches Hg	Temperature/Dew Point:	22°C / 21°C
Precipitation and Obscuration:	No Obscuration; No Precipitation		
Departure Point:	Venice, FL (VNC)	Type of Flight Plan Filed:	None
Destination:	Fort Myers, FL (FL59)	Type of Clearance:	None
Departure Time:	07:50 Local	Type of Airspace:	

Airport Information

Airport:	Venice Municipal Airport VNC	Runway Surface Type:	
Airport Elevation:	18 ft msl	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:	27.071388,-82.440277(est)

Administrative Information

Investigator In Charge (IIC):	Violette, Allison
Additional Participating Persons:	Bob Donahue; FAA/FSDO; Tampa, FL
Original Publish Date:	June 24, 2013
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=86521

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