



National Transportation Safety Board Aviation Accident Preliminary Report

Location:	Fort Meade, MD	Accident Number:	ERA19LA274
Date & Time:	09/17/2019, 1800 EDT	Registration:	N2824R
Aircraft:	Socata TB9	Injuries:	1 Minor, 1 None
Flight Conducted Under:	Part 91: General Aviation - Instructional		

On September 17, 2019, about 1800 eastern daylight time, a Socata, Tampico TB9C, N2824R, was substantially damaged during a forced landing near Tipton Airport (FME), Fort Meade, Maryland. The flight instructor was not injured and the student pilot received minor injuries. Visual meteorological conditions prevailed and a visual flight rules flight plan was filed. The airplane was owned and operated by 1 World Aero LLC., as an instructional flight under the provisions of Title 14 *Code of Federal Regulations* Part 91. The flight was originating at the time of the accident.

According to the flight instructor, the purpose of the flight was to conduct pre-solo traffic pattern practice. After a successful preflight inspection, they taxied the airplane to the run-up area. During the run-up, all engine checks were normal and no anomalies were noted. After takeoff, the climb out, crosswind turn and turn to downwind were all normal. While on the downwind leg of the traffic pattern, the student pilot completed the checklist items for landing. The flight instructor stated that "somewhere near the end of downwind I noticed rpm had dropped to 1900 so I added some throttle." He said very soon afterwards the rpm continued to decay and he immediately knew something was wrong. He took the controls from the student pilot and turned base towards runway 10. He switched fuel tanks and turned off the carburetor heat in an attempt to regain engine power, which had no effect. The flight instructor said he had no time for the emergency checklists beyond the memory items. The airplane descended into the tree canopy under partial power and came to rest in the treetops about 75 ft above the ground.

Examination of the wreckage by a Federal Aviation Administration inspector revealed that the airplane was suspended in a tree and both wings were buckled. The airplane was recovered and retained for further examination.

Aircraft and Owner/Operator Information

Aircraft Make:	Socata	Registration:	N2824R
Model/Series:	TB9 C	Aircraft Category:	Airplane
Amateur Built:	No		
Operator:	1World Aero Llc	Operating Certificate(s) Held:	None

Meteorological Information and Flight Plan

Conditions at Accident Site:	Visual Conditions	Condition of Light:	Day
Observation Facility, Elevation:	FME, 150 ft msl	Observation Time:	1742 EDT
Distance from Accident Site:	1 Nautical Miles	Temperature/Dew Point:	25° C / 14° C
Lowest Cloud Condition:	Scattered / 6000 ft agl	Wind Speed/Gusts, Direction:	8 knots / , 90°
Lowest Ceiling:	None	Visibility:	10 Miles
Altimeter Setting:	30.1 inches Hg	Type of Flight Plan Filed:	VFR
Departure Point:	Fort Meade(Odenton), MD (FME)	Destination:	Fort Meade(Odenton), MD (FME)

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:	39.083889, -76.762222

Administrative Information

Investigator In Charge (IIC):	Eric Alleyne
Additional Participating Persons:	Michael T Bevan; FAA/FSDO; Baltimore, MD
Note:	The NTSB did not travel to the scene of this accident.