



Aviation Investigation Final Report

Location:	Farmingdale, New Jersey	Accident Number:	GAA19CA003
Date & Time:	October 1, 2018, 10:15 Local	Registration:	N94658
Aircraft:	Cessna 152	Aircraft Damage:	Substantial
Defining Event:	Ground collision	Injuries:	1 None
Flight Conducted Under:	Part 91: General aviation - Personal		

Analysis

The pilot reported that, while taxiing for departure, the airplane's left wing struck a fuel truck that was parked on the edge of the ramp.

The airplane sustained substantial damage to the left wing.

The pilot reported that there were no preaccident mechanical failures or malfunctions 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 maintain clearance from a vehicle while taxiing for departure.

Findings

Personnel issues	Task monitoring/vigilance - Pilot
Environmental issues	Ground equipment - Effect on operation

Factual Information

History of Flight

Taxi	Ground collision (Defining event)
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Pilot Information

Certificate:	Private	Age:	71, Male
Airplane Rating(s):	Single-engine land	Seat Occupied:	Left
Other Aircraft Rating(s):	None	Restraint Used:	3-point
Instrument Rating(s):	None	Second Pilot Present:	No
Instructor Rating(s):	None	Toxicology Performed:	No
Medical Certification:	Class 3 With waivers/limitations	Last FAA Medical Exam:	November 3, 2016
Occupational Pilot:	No	Last Flight Review or Equivalent:	May 21, 2018
Flight Time:	(Estimated) 305 hours (Total, all aircraft), 291 hours (Total, this make and model), 185 hours (Pilot In Command, all aircraft), 11 hours (Last 90 days, all aircraft), 5 hours (Last 30 days, all aircraft)		

Aircraft and Owner/Operator Information

Aircraft Make:	Cessna	Registration:	N94658
Model/Series:	152 No Series	Aircraft Category:	Airplane
Year of Manufacture:	1983	Amateur Built:	
Airworthiness Certificate:	Normal	Serial Number:	15285754
Landing Gear Type:	Tricycle	Seats:	2
Date/Type of Last Inspection:	February 20, 2018 Annual	Certified Max Gross Wt.:	1675 lbs
Time Since Last Inspection:		Engines:	1 Reciprocating
Airframe Total Time:	10769 Hrs at time of accident	Engine Manufacturer:	Lycoming
ELT:	Installed, activated, did not aid in locating accident	Engine Model/Series:	O-235 SERIES
Registered Owner:		Rated Power:	110 Horsepower
Operator:	On file	Operating Certificate(s) Held:	None

Meteorological Information and Flight Plan

Conditions at Accident Site:	Visual (VMC)	Condition of Light:	Day
Observation Facility, Elevation:	BLM,164 ft msl	Distance from Accident Site:	0 Nautical Miles
Observation Time:	14:56 Local	Direction from Accident Site:	117°
Lowest Cloud Condition:	Clear	Visibility	10 miles
Lowest Ceiling:	None	Visibility (RVR):	
Wind Speed/Gusts:	7 knots /	Turbulence Type Forecast/Actual:	None / None
Wind Direction:	200°	Turbulence Severity Forecast/Actual:	N/A / N/A
Altimeter Setting:	30.32 inches Hg	Temperature/Dew Point:	23°C / 17°C
Precipitation and Obscuration:	No Obscuration; No Precipitation		
Departure Point:	Bowie, MD (W00)	Type of Flight Plan Filed:	IFR
Destination:	Farmingdale, NJ (BLM)	Type of Clearance:	None
Departure Time:	09:00 Local	Type of Airspace:	Class G

Airport Information

Airport:	MONMOUTH EXECUTIVE BLM	Runway Surface Type:	Asphalt
Airport Elevation:	153 ft msl	Runway Surface Condition:	Dry
Runway Used:	03	IFR Approach:	None
Runway Length/Width:	3508 ft / 50 ft	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:	40.185001,-74.122222(est)

Administrative Information

Investigator In Charge (IIC):	Swenson, Eric
Additional Participating Persons:	Jennie Coffey; FAA; Saddle Brook, NJ
Original Publish Date:	April 8, 2019
Note:	This accident report documents the factual circumstances of this accident as described to the NTSB.
Investigation Docket:	https://data.nts.gov/Docket?ProjectID=98409

The National Transportation Safety Board (NTSB), established in 1967, is an independent federal agency mandated by Congress through the Independent Safety Board Act of 1974 to investigate transportation accidents, determine the probable causes of the accidents, issue safety recommendations, study transportation safety issues, and evaluate the safety effectiveness of government agencies involved in transportation. The NTSB makes public its actions and decisions through accident reports, safety studies, special investigation reports, safety recommendations, and statistical reviews.

The Independent Safety Board Act, as codified at 49 U.S.C. Section 1154(b), precludes the admission into evidence or use of any part of an NTSB report related to an incident or accident in a civil action for damages resulting from a matter mentioned in the report. A factual report that may be admissible under 49 U.S.C. § 1154(b) is available [here](#).