



Aviation Investigation Final Report

Location:	Hazard, Kentucky	Accident Number:	ERA10CA491
Date & Time:	September 15, 2010, 15:07 Local	Registration:	N1156U
Aircraft:	Mooney M20J	Aircraft Damage:	Substantial
Defining Event:	Collision with terr/obj (non-CFIT)	Injuries:	1 None
Flight Conducted Under:	Part 91: General aviation		

Analysis

The pilot stated that after landing he was taxiing the airplane to the parking ramp. With the self-service pumps clearly visible on the right side of the airplane, he taxied past them and reached over to open the cabin door. He sneezed twice and the airplane drifted right. The right wing impacted the fuel pump, resulting in substantial damage to the wing. Two witnesses who observed the accident reported that the airplane was taxiing fast. Review of security camera footage revealed that there were no obstructions in the immediate vicinity of the fuel pump. The pilot reported no mechanical malfunctions or failures with the airframe or engine 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 fuel pump while taxiing. Contributing to the accident was the pilot's diverted attention.

Findings

Personnel issues	Monitoring environment - Pilot
Aircraft	Directional control - Not attained/maintained
Personnel issues	Attention - Pilot

Factual Information

History of Flight

Taxi-from runway	Collision with terr/obj (non-CFIT) (Defining event)
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Pilot Information

Certificate:	Commercial	Age:	53, Male
Airplane Rating(s):	Single-engine land; Multi-engine land	Seat Occupied:	Left
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 2 With waivers/limitations	Last FAA Medical Exam:	February 10, 2009
Occupational Pilot:	No	Last Flight Review or Equivalent:	
Flight Time:	(Estimated) 5000 hours (Total, all aircraft), 2000 hours (Total, this make and model), 5000 hours (Pilot In Command, all aircraft), 15 hours (Last 90 days, all aircraft), 5 hours (Last 30 days, all aircraft), 0 hours (Last 24 hours, all aircraft)		

Aircraft and Owner/Operator Information

Aircraft Make:	Mooney	Registration:	N1156U
Model/Series:	M20J NO SERIES	Aircraft Category:	Airplane
Year of Manufacture:		Amateur Built:	
Airworthiness Certificate:	Normal	Serial Number:	24-1253
Landing Gear Type:	Retractable - Tricycle	Seats:	4
Date/Type of Last Inspection:	December 23, 2009 Annual	Certified Max Gross Wt.:	2740 lbs
Time Since Last Inspection:		Engines:	1 Reciprocating
Airframe Total Time:	3500 Hrs at time of accident	Engine Manufacturer:	Lycoming
ELT:	Installed, not activated	Engine Model/Series:	IO-360
Registered Owner:	On file	Rated Power:	200 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:	JKL,1381 ft msl	Distance from Accident Site:	12 Nautical Miles
Observation Time:	14:53 Local	Direction from Accident Site:	354°
Lowest Cloud Condition:	Clear	Visibility	10 miles
Lowest Ceiling:	None	Visibility (RVR):	
Wind Speed/Gusts:	/	Turbulence Type Forecast/Actual:	/
Wind Direction:		Turbulence Severity Forecast/Actual:	/
Altimeter Setting:	30.12 inches Hg	Temperature/Dew Point:	29°C / 13°C
Precipitation and Obscuration:	No Obscuration; No Precipitation		
Departure Point:	Georgetown, KY (27K)	Type of Flight Plan Filed:	IFR
Destination:	Hazard, KY (K20)	Type of Clearance:	IFR
Departure Time:	14:30 Local	Type of Airspace:	

Airport Information

Airport:	Wendell H Ford Airport K20	Runway Surface Type:	
Airport Elevation:	1253 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:	37.385833,-83.256942(est)

Administrative Information

Investigator In Charge (IIC):	Schiada, Luke
Additional Participating Persons:	Shannon Bengeyfield; FAA/FSDO; Louisville, KY
Original Publish Date:	May 5, 2011
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=77358

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