



Aviation Investigation Final Report

Location:	Afton, Wyoming	Accident Number:	DEN05CA132
Date & Time:	August 27, 2005, 08:02 Local	Registration:	N91245
Aircraft:	Cessna 180J	Aircraft Damage:	Substantial
Defining Event:		Injuries:	1 None
Flight Conducted Under:	Part 91: General aviation - Personal		

Analysis

According to the pilot, he reduced power, applied carburetor heat, and descended towards the airport. He applied power approximately 200 feet agl to stabilize the approach, but the engine did not respond. He stated that the propeller was windmilling, but the engine was not producing any power. He made a forced landing in a field. The airplane struck a fence post, and a parked car, and ground looped before coming to rest 200 yards short of the airport.

Probable Cause and Findings

The National Transportation Safety Board determines the probable cause(s) of this accident to be: loss of engine power for reasons undetermined.

Findings

Occurrence #1: LOSS OF ENGINE POWER
Phase of Operation: APPROACH - VFR PATTERN - FINAL APPROACH

Findings
1. (C) REASON FOR OCCURRENCE UNDETERMINED

Occurrence #2: FORCED LANDING
Phase of Operation: EMERGENCY DESCENT/LANDING

Occurrence #3: ON GROUND/WATER COLLISION WITH OBJECT
Phase of Operation: EMERGENCY DESCENT/LANDING

Findings

2. OBJECT - FENCE

Factual Information

On August 27, 2005, at 0802 mountain daylight time, a Cessna 180J, N91245, piloted by a private pilot, was substantially damaged during a forced landing south of the Afton Municipal Airport (AFO), Afton, Wyoming. Visual meteorological conditions prevailed at the time of the accident. The personal flight was being conducted under the provisions of Title 14 CFR Part 91 without a flight plan. The pilot sustained no injuries. The cross-country flight originated at Morgan, Utah, at 0700, and was en route to Afton, Wyoming.

According to the pilot, he approached AFO in the traffic pattern. On final approach, he reduced power, applied carburetor heat, and descended towards the airport. He applied throttle approximately 200 feet agl to stabilize the approach, but the engine did not respond. He stated that the propeller was windmilling, but the engine was not producing any power. He made a forced landing in a field. The airplane struck a fence post, and a parked car, and ground looped before coming to rest 200 yards short of the airport. The left wing was crushed up and aft, the left stabilizer was destroyed, and the right wing spar was bent aft. An examination of the airplane's engine, engine controls, and other systems revealed no anomalies.

Pilot Information

Certificate:	Airline transport; Commercial; Flight engineer; Military; Private	Age:	53, Male
Airplane Rating(s):	Single-engine land; Single-engine sea; Multi-engine land	Seat Occupied:	Left
Other Aircraft Rating(s):	None	Restraint Used:	
Instrument Rating(s):	Airplane	Second Pilot Present:	No
Instructor Rating(s):	Airplane multi-engine; Airplane single-engine	Toxicology Performed:	No
Medical Certification:	Class 1 With waivers/limitations	Last FAA Medical Exam:	July 1, 2005
Occupational Pilot:	UNK	Last Flight Review or Equivalent:	April 1, 2005
Flight Time:	19000 hours (Total, all aircraft), 800 hours (Total, this make and model), 19000 hours (Pilot In Command, all aircraft), 330 hours (Last 90 days, all aircraft), 82 hours (Last 30 days, all aircraft), 12 hours (Last 24 hours, all aircraft)		

Aircraft and Owner/Operator Information

Aircraft Make:	Cessna	Registration:	N91245
Model/Series:	180J	Aircraft Category:	Airplane
Year of Manufacture:		Amateur Built:	
Airworthiness Certificate:	Normal	Serial Number:	18052464
Landing Gear Type:	Tailwheel	Seats:	4
Date/Type of Last Inspection:	August 1, 2005 Annual	Certified Max Gross Wt.:	3350 lbs
Time Since Last Inspection:	8.3 Hrs	Engines:	1 Reciprocating
Airframe Total Time:	1854.6 Hrs	Engine Manufacturer:	Continental
ELT:	Installed, not activated	Engine Model/Series:	O-470
Registered Owner:	Doug Compton	Rated Power:	230 Horsepower
Operator:		Operating Certificate(s) Held:	None

Meteorological Information and Flight Plan

Conditions at Accident Site:	Visual (VMC)	Condition of Light:	Day
Observation Facility, Elevation:	AFO,6201 ft msl	Distance from Accident Site:	
Observation Time:	08:02 Local	Direction from Accident Site:	
Lowest Cloud Condition:	Clear	Visibility	10 miles
Lowest Ceiling:	None	Visibility (RVR):	
Wind Speed/Gusts:	/	Turbulence Type Forecast/Actual:	/
Wind Direction:	0°	Turbulence Severity Forecast/Actual:	/
Altimeter Setting:	30.29 inches Hg	Temperature/Dew Point:	6°C / 2°C
Precipitation and Obscuration:	No Obscuration; No Precipitation		
Departure Point:	Morgan, UT (42U)	Type of Flight Plan Filed:	None
Destination:	Afton, WY (AFO)	Type of Clearance:	Unknown
Departure Time:	07:00 Local	Type of Airspace:	

Airport Information

Airport:	Afton Municipal Airport AFO	Runway Surface Type:	
Airport Elevation:	6201 ft msl	Runway Surface Condition:	
Runway Used:		IFR Approach:	Unknown
Runway Length/Width:		VFR Approach/Landing:	Unknown

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:	42.673332,-110.936668

Administrative Information

Investigator In Charge (IIC):	Scott, Arnold
Additional Participating Persons:	Bruce J Hanson; Casper, Wyoming
Original Publish Date:	December 20, 2005
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=62352

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