



National Transportation Safety Board Aviation Accident Data Summary

Location:	Jerome, ID	Accident Number:	WPR15LA255
Date & Time:	09/01/2015, 1940 MDT	Registration:	N4BM
Aircraft:	EXTRA FLUGZEUGBAU GMBH EA 300/L	Injuries:	1 Serious
Flight Conducted Under:	Part 91: General Aviation - Personal		

Analysis

The private pilot was conducting a local personal flight. A witness located at the airport reported that he observed the accident airplane take off and then head southwest. He then observed the airplane perform a loop, and he estimated that, at the top of the maneuver, the airplane was about 1,500 ft above ground level. As the airplane began leveling off at the bottom of the loop, it descended out of the witness's line of sight behind a building. The pilot reported that he did not recall anything about the flight.

Postaccident examination of the recovered wreckage did not reveal any preexisting mechanical malfunctions that would have precluded normal operation. Wreckage and impact signatures were consistent with a high-energy, low-angle impact with terrain. It is likely that the pilot did not properly gauge the airplane's distance from terrain while conducting the low-altitude aerobatic maneuver and failed to level off in time to avoid impacting terrain.

Flight Events

Maneuvering-aerobatics - Low altitude operation/event
Maneuvering-aerobatics - Collision with terr/obj (non-CFIT)

Probable Cause

The National Transportation Safety Board determines the probable cause(s) of this accident to be: The pilot's failure to maintain clearance from terrain while conducting a low-altitude aerobatic maneuver.

Findings

Aircraft-Aircraft oper/perf/capability-Performance/control parameters-Altitude-Not attained/maintained - C
Personnel issues-Psychological-Attention/monitoring-Monitoring environment-Pilot - C
Environmental issues-Physical environment-Object/animal/substance-Tree(s)-Awareness of condition - C

Pilot Information

Certificate:	Private	Age:	42
Airplane Rating(s):	Single-engine Land	Instrument Rating(s):	None
Other Aircraft Rating(s):	None	Instructor Rating(s):	None
Flight Time:	(Estimated) , 100 hours (Total, this make and model)		

Aircraft and Owner/Operator Information

Aircraft Manufacturer:	EXTRA FLUGZEUGBAU GMBH	Registration:	N4BM
Model/Series:	EA 300/L L	Engines:	1 Reciprocating
Operator:	On file	Engine Manufacturer:	LYCOMING
Air Carrier Operating Certificate:	None	Engine Model/Series:	AEIO-540 SER
Flight Conducted Under:	Part 91: General Aviation - Personal		

Meteorological Information and Flight Plan

Observation Facility, Elevation:	KJER, 4048 ft msl	Weather Information Source:	Weather Observation Facility
Conditions at Accident Site:	Visual Conditions	Lowest Ceiling:	None
Condition of Light:	Day	Wind Speed/Gusts, Direction:	3 knots, 30°
Temperature:	23°C / 6°C	Visibility	10 Miles
Precipitation and Obscuration:	No Obscuration; No Precipitation		
Departure Point:	Jerome, ID (JER)	Destination:	Jerome, ID (JER)

Airport Information

Airport:	JEROME COUNTY (JER)	Runway Surface Type:	
Runway Used:	N/A	Runway Surface Condition:	Dry
Runway Length/Width:			

Wreckage and Impact Information

Crew Injuries:	1 Serious	Aircraft Damage:	Destroyed
Passenger Injuries:	N/A	Aircraft Fire:	None
Ground Injuries:	N/A	Aircraft Explosion:	None

Administrative Information

Investigator In Charge (IIC):	Joshua Cawthra	Adopted Date:	05/16/2016
Note:	The NTSB did not travel to the scene of this accident.		
Investigation Docket:	http://dms.nts.gov/pubdms/search/dockList.cfm?mKey=91909		

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