



National Transportation Safety Board Aviation Accident Preliminary Report

Location:	Baker City, OR	Accident Number:	WPR20LA097
Date & Time:	02/27/2020, 1500 PDT	Registration:	N5478C
Aircraft:	Cessna 170	Injuries:	2 None
Flight Conducted Under:	Part 91: General Aviation - Personal		

On February 27, 2020, about 1500 Pacific daylight time, a Cessna 170, N5478C, was substantially damaged when it was involved in an accident near Baker City, Oregon. The private pilot and one passenger were not injured. The airplane was operated as a Title 14 *Code of Federal Regulations* Part 91 personal flight.

The pilot reported that about 15 minutes into the flight, the engine started to "knock and vibrate," and the oil pressure indication was low. The pilot initiated a precautionary landing to an open field, and during the landing rollout the airplane impacted a small ditch.

A postaccident examination of the airplane revealed substantial damage to the left wing. Pre impact damage was noted to the upper crankcase area near cylinder No. 2, and the engine oil quantity indicated about 6 quarts of oil. The airplane was recovered to a secure location for further examination.

Aircraft and Owner/Operator Information

Aircraft Make:	Cessna	Registration:	N5478C
Model/Series:	170 A	Aircraft Category:	Airplane
Amateur Built:	No		
Operator:	On file	Operating Certificate(s) Held:	None

Meteorological Information and Flight Plan

Conditions at Accident Site:	Visual Conditions	Condition of Light:	Day
Observation Facility, Elevation:	KBKE, 3373 ft msl	Observation Time:	2253 UTC
Distance from Accident Site:	7 Nautical Miles	Temperature/Dew Point:	14° C / -1° C
Lowest Cloud Condition:	Clear	Wind Speed/Gusts, Direction:	6 knots / , 30°
Lowest Ceiling:	None	Visibility:	10 Miles
Altimeter Setting:	30.37 inches Hg	Type of Flight Plan Filed:	None
Departure Point:	Baker City, OR (BKE)	Destination:	Baker City, OR (BKE)

Wreckage and Impact Information

Crew Injuries:	1 None	Aircraft Damage:	Substantial
Passenger Injuries:	1 None	Aircraft Fire:	None
Ground Injuries:	N/A	Aircraft Explosion:	None
Total Injuries:	2 None	Latitude, Longitude:	44.730556, -117.838889 (est)

Administrative Information

Investigator In Charge (IIC):	Andrew L Swick
Additional Participating Persons:	Dan Frandson; FAA-FSDO; Boise, ID
Note:	The NTSB did not travel to the scene of this accident.