



Aviation Investigation Final Report

Location:	Ferndale, Washington	Accident Number:	GAA18CA380
Date & Time:	June 18, 2018, 14:20 Local	Registration:	N722BL
Aircraft:	Jabiru J250	Aircraft Damage:	Substantial
Defining Event:	Hard landing	Injuries:	2 None
Flight Conducted Under:	Part 91: General aviation - Personal		

Analysis

The pilot reported that, after accepting delivery of his recently purchased airplane, he requested the ferry pilot to "show [him] how to operate the aircraft." During his second approach, he felt that the airplane was low and slow and asked the ferry pilot if he should add power; the ferry pilot responded, "you're fine." Shortly after, the airplane landed hard on the runway, the nosewheel and right main landing gear collapsed, and the right wing struck the runway.

The airplane sustained substantial damage to the right wing.

The pilot reported that there were no preaccident mechanical failures or malfunctions with the airplane that would have precluded normal operation. He added that, before the accident flight, he did not have any experience flying the accident airplane.

The ferry pilot stated that he agreed to only be a passenger and not act as a flight instructor. He added that the airplane was configured for only a left seat pilot.

Probable Cause and Findings

The National Transportation Safety Board determines the probable cause(s) of this accident to be:

The pilot's improper landing flare, which resulted in a hard landing. Contributing to the accident were the pilot's lack of experience and training in the accident airplane make and model.

Findings

Personnel issues	Aircraft control - Pilot
Aircraft	Landing flare - Not attained/maintained
Personnel issues	Training with equipment - Pilot
Personnel issues	Total experience w/ equipment - Pilot

Factual Information

History of Flight

Landing	Hard landing (Defining event)
Landing	Landing gear collapse
Landing	Collision with terr/obj (non-CFIT)

Pilot Information

Certificate:	Commercial; Private	Age:	93,Male
Airplane Rating(s):	Single-engine land	Seat Occupied:	Left
Other Aircraft Rating(s):	Glider	Restraint Used:	3-point
Instrument Rating(s):	Airplane	Second Pilot Present:	Yes
Instructor Rating(s):	None	Toxicology Performed:	No
Medical Certification:	Class 3 With waivers/limitations	Last FAA Medical Exam:	June 1, 2018
Occupational Pilot:	No	Last Flight Review or Equivalent:	March 1, 2018
Flight Time:	(Estimated) 5500 hours (Total, all aircraft), 0 hours (Total, this make and model), 10 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:	Jabiru	Registration:	N722BL
Model/Series:	J250 SP	Aircraft Category:	Airplane
Year of Manufacture:	2007	Amateur Built:	
Airworthiness Certificate:	Experimental light sport (Special)	Serial Number:	379
Landing Gear Type:	Tricycle	Seats:	2
Date/Type of Last Inspection:	December 17, 2017 Annual	Certified Max Gross Wt.:	1320 lbs
Time Since Last Inspection:		Engines:	1 Reciprocating
Airframe Total Time:	191 Hrs as of last inspection	Engine Manufacturer:	Jabiru
ELT:	C91A installed, not activated	Engine Model/Series:	3300A
Registered Owner:		Rated Power:	120 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:	KBLI, 149 ft msl	Distance from Accident Site:	7 Nautical Miles
Observation Time:	21:53 Local	Direction from Accident Site:	171°
Lowest Cloud Condition:	Clear	Visibility	10 miles
Lowest Ceiling:	None	Visibility (RVR):	
Wind Speed/Gusts:	6 knots /	Turbulence Type Forecast/Actual:	None / None
Wind Direction:	170°	Turbulence Severity Forecast/Actual:	N/A / N/A
Altimeter Setting:	29.9 inches Hg	Temperature/Dew Point:	27°C / 14°C
Precipitation and Obscuration:	No Obscuration; No Precipitation		
Departure Point:	Ferndale, WA (WN35)	Type of Flight Plan Filed:	VFR
Destination:	Ferndale, WA (WN35)	Type of Clearance:	VFR
Departure Time:	13:30 Local	Type of Airspace:	Class G

Airport Information

Airport:	Meadow Mist WN35	Runway Surface Type:	
Airport Elevation:	55 ft msl	Runway Surface Condition:	Dry
Runway Used:	15	IFR Approach:	None
Runway Length/Width:	2000 ft / 80 ft	VFR Approach/Landing:	Full stop; Traffic pattern

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:	48.908611, -122.56472(est)

Administrative Information

Investigator In Charge (IIC):	Nepomuceno, Eleazar
Additional Participating Persons:	Rod Ziegler; FAA; Seattle, WA
Original Publish Date:	June 5, 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=97612

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