

NATIONAL TRANSPORTATION SAFETY BOARD PILOT/OPERATOR AIRCRAFT ACCIDENT/INCIDENT REPORT

This form to be used for reporting civil and public use aircraft accidents and incidents

BASIC INFORMATION

Accident/Incident Location Nearest City/Place: <u>Ellensburg</u> State: <u>Wash</u> ZIP: _____ Country: <u>USA</u> Latitude: <u>47 01.98N</u> (dd:mm:ss N/S) Longitude: <u>120 31 .84W</u> (ddd:mm:ss E/W)		Date/Time Date: <u>07/29/12</u> Local Time: <u>9:00</u> <i>mm/dd/yyyy</i> Time Zone: <u>PDT</u>	
Phase of Operation ☐ Standing ☐ Takeoff (incl. initial climb) ☐ Cruise ☐ Hover ☐ Taxi ☐ Climb ☐ Maneuvering ☐ Other ☐ Descent ☒ Landing ☐ Approach ☐ Unknown		Collision with Other Aircraft ☐ Midair ☐ On-ground ☐ None	
		Altitude of In-Flight Occurrence _____ ft MSL	

AIRCRAFT INFORMATION

Manufacturer: <u>Cessna</u> Model: <u>170A</u> Serial Number: <u>18794</u> Registration Number: <u>4089A</u> Amateur-built: ☐ Yes ☒ No		Max Gross Weight: <u>2,200</u> lbs Weight at Time of Accident/Incident: _____ lbs Location of Center of Gravity at Time of Accident/Incident: _____ inches from ☐ nose or ☐ datum -or- _____ Percent Mean Aerodynamic Cord (% MAC)	
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Category of Aircraft ☒ Airplane ☐ Balloon ☐ Blimp/Dirigible ☐ Glider ☐ Gyrocraft ☐ Helicopter ☐ Powered lift ☐ Ultralight ☐ Unknown	Type of Airworthiness Certificate <i>(Check all that apply)</i> Standard ☒ Normal ☐ Utility ☐ Aerobatic ☐ Transport Special ☐ Restricted ☐ Limited ☐ Provisional ☐ Experimental ☐ Special Flight ☐ Light Sport	Number of Seats: <u>4</u> If Large Aircraft, how many seats for: Flight Crew: _____ Cabin Crew: _____ Passengers: <u>1</u>	Landing Gear ☐ Retractable Check any additional landing gear configuration that applies: ☐ Tricycle ☒ Tailwheel ☐ Amphibian ☐ High Skid ☐ Emergency Float ☐ Skid ☐ Float ☐ Ski ☐ Hull ☐ Ski/Wheel ☐ Unknown
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Type of Maintenance Program ☒ Annual ☐ Conditional (Amateur-built only) ☐ Manufacturer's Inspection Program ☐ Other Approved Inspection Program (AAIP) ☐ Continuous Airworthiness ☐ Other, specify: _____	Last Inspection Type ☐ 100 Hour ☐ Continuous Airworthiness ☐ AAIP ☐ Conditional Inspection ☒ Annual ☐ Unknown	Date Last Inspection: <u>06/24/2012</u> <i>mm/dd/yyyy</i> Airframe Total Time: <u>3,865</u> hrs hours measured at <i>(check one)</i> ☒ Last Inspection ☐ Time of Accident/Incident
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IFR Equipped ☐ Yes ☒ No ☐ Unknown	Stall Warning System Installed ☒ Yes ☐ No ☐ Unknown	Type of Fire Extinguishing System ☒ None ☐ Specify _____
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ELT Installed ELT Activated ☒ Yes ☐ No ☐ Yes ☒ No	ELT Manufacturer: <u>Narco</u> Model/Series: <u>MK 12A</u> Serial Number: <u>36738</u> Battery Type: <u>BP-1010</u> Battery Exp. Date: <u>07/2013</u>	
ELT Aided in Locating Accident/Incident ☐ Yes ☒ No		

Engine Type ☒ Reciprocating ☐ Turbo Jet ☐ Turbo Shaft ☐ Turbo Fan ☐ Turbo Prop ☐ Unknown	Reciprocating Fuel System Type ☒ Carburetor ☐ Fuel Injected	Propeller ☒ Fixed Pitch ☐ Controllable Pitch Manufacturer: <u>McCauley</u> Model: <u>1A170/DM7649</u>
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Engine	Engine Manufacturer	Engine Model/Series	Manufacturer's Serial Number	Date of Mfg. <i>mm/dd/yyyy</i>	Engine Rated Power Measured as <i>(check one)</i> ☒ Horsepower or ☐ lbs of Thrust	Total Time (hours)	Time Since Inspection (hours)	Time Since Overhaul (hours)
Eng. 1	Continental	O-300A	12634-D-6-A		145	2,714	13	1,122
Eng. 2								
Eng. 3								
Eng. 4								

OWNER/OPERATOR INFORMATION			
Registered Aircraft Owner Name: <u>Daniel L Pensula</u> Fractional Ownership Aircraft: ☐ Yes ☒ No		Owner Address City: <u>[REDACTED]</u> State: <u>Wash</u> ZIP: <u>98922</u> Country: <u>USA</u>	
Operator of Aircraft ☒ Same As Registered Owner Name: _____ Doing Business As: _____ Air Carrier/Operator Designator (4 Character Code): _____		Operator Address ☒ Same As Registered Owner City: _____ State: _____ ZIP: _____ Country: _____	
Regulation Flight Conducted Under ☒ FAR 91 ☐ FAR 129 ☐ FAR 91 Special Flight ☐ FAR 103 ☐ FAR 133 ☐ Non-US, Commercial ☐ FAR 121 ☐ FAR 135 ☐ Non-US, Non-commercial ☐ FAR 125 ☐ FAR 137 ☐ Armed Forces ☐ Public Use (select type) ☐ Federal ☐ State ☐ Local ☐ Unknown		Revenue Sightseeing Flight ☐ Yes ☒ No Air Medical Flight ☐ Yes ☒ No	
Purpose of Flight for FAR 91, 103, 133, 137 (Select one) ☒ Personal ☐ Business ☐ Executive/Corporate ☐ Other Work Use ☐ Instructional ☐ Ferry ☐ Positioning ☐ Aerial Application ☐ Aerial Observation ☐ Air Drop ☐ Air Race / Show ☐ Flight Test ☐ Public Use ☐ Unknown	Revenue Operation for FAR 121, 125, 129, 135 (Select one) ☐ Scheduled or Commuter ☐ Non-Scheduled or Air Taxi Domestic or International ☐ Domestic ☐ International	Type of Commercial Operating Certificate Held (Select all that apply) ☒ None ☐ Flag Carrier Operating Certificate (121) ☐ Supplemental ☐ Air Cargo ☐ Foreign Air Carriers (129) ☐ Commuter Air Carrier (135) ☐ On-Demand Air Taxi (135) ☐ Large Helicopter (127) ☐ Rotorcraft External Load (133) - or - ☐ Agricultural Aircraft (137) ☐ Other Operator of Large Aircraft	
OTHER AIRCRAFT – COLLISION (If air or ground collision occurred, complete this section for <i>other</i> aircraft)			
Aircraft Registration Number _____	Manufacturer: _____ Model: _____		Damage to Other Aircraft ☐ Destroyed ☐ Minor ☐ Substantial ☐ None
Registered Owner of Other Aircraft First Name: _____ City: _____ Middle Initial: _____ State: _____ ZIP: _____ Last Name: _____ Country: _____			
Pilot of Other Aircraft First Name: _____ City: _____ Middle Initial: _____ State: _____ ZIP: _____ Last Name: _____ Country: _____			
MECHANICAL MALFUNCTION/FAILURE (If more space is needed, continue on separate sheet)			
Was there Mechanical Malfunction/Failure? ☐ Yes ☒ No ☐ Unknown <i>(If yes, list the name of the part, manufacturer, part no., serial no., and describe the failure.)</i> 			Total Time/Cycles On Part _____ Hours _____ Cycles Time Since This Part Inspected/Overhauled _____ Hours
DAMAGE TO AIRCRAFT AND OTHER PROPERTY			
Aircraft Damage ☐ None ☒ Substantial ☐ Minor ☐ Destroyed	Aircraft Fire ☒ None ☐ Both Ground and In-Flight ☐ In-Flight ☐ Unknown Origin ☐ On-Ground		Aircraft Explosion ☒ None ☐ Both Ground and In-Flight ☐ In-Flight ☐ Unknown Origin ☐ On-Ground

Description of Damage to Aircraft and Other Property (use additional sheet if necessary)

Right landing gear bent under, right wing bent up at tip, right elevator bent up, fuselage buckled between wings and elevator, buckling of fuselage aft of right landing gear.

AIRPORT INFORMATION (If the accident/incident occurred on approach, takeoff or within 3 miles of an airport, complete this section)Airport Identifier: ELNDistance From Airport Center: 0 SMAirport Name: Bowers EllensburgDirection From Airport: on runway degrees MAGProximity to Airport ☐ Off Airport/Airstrip ☒ On Airport ☐ On AirstripAirport Elevation: 1,764 ft. MSL**Approach Segment** (Select one)

☐ On Instrument Approach ☒ Landing ☐ Base leg ☐ Final ☐ Go Around
☐ Crosswind ☐ Downwind ☐ Low Approach ☐ Aborted Landing (after touchdown)

IFR Approach (Check all that apply)

☒ None ☐ PAR ☐ MLS ☐ Practice
☐ ADF/NDB ☐ Sidestep ☐ LDA ☐ GPS
☐ SDF ☐ ILS ☐ ASR ☐ Loran
☐ VOR/TVOR ☐ Localizer Only ☒ Visual ☐ Unknown
☐ VOR/DME ☐ LOC-back course ☐ Contact
☐ TACAN ☐ RNAV ☐ Circling

VFR Approach (Check all that apply)

☐ None ☐ Stop and Go
☒ Traffic Pattern ☐ Touch and Go
☐ Straight-In ☐ Simulated Forced Landing
☐ Valley/Terrain Following ☐ Forced Landing
☐ Go Around ☐ Precautionary Landing
☒ Full Stop ☐ Unknown

Runway InformationRunway ID: 07-25 (L/R/C) Length: 5,590 ft Width: 150 ft**Runway/Landing Surface** (Check all that apply)

☒ Asphalt ☐ Grass/Turf ☐ Macadam ☐ Water
☐ Concrete ☐ Gravel ☐ Metal/Wood ☐ Unknown
☐ Dirt ☐ Ice ☐ Snow

Condition of Runway/Landing Surface (Check all that apply)

☒ Dry ☐ Snow-Compacted ☐ Water-Calm
☐ Holes ☐ Snow-Crusted ☐ Water-Choppy
☐ Ice Covered ☐ Snow-Dry ☐ Water-Glassy
☐ Rough ☐ Snow-Wet ☐ Wet
☐ Rubber Deposits ☐ Soft ☐ Unknown
☐ Slush Covered ☐ Vegetation

FLIGHT ITINERARY INFORMATION**Last Departure Point**Airport ID: 2W1City: Cle ElumState: WashCountry: USA**Time of Departure**Time: 8:30 AMTime Zone: PDT**Destination**Airport ID: ELNCity: EllensburgState: WashCountry: USA**Type Flight Plan Filed**

☒ None ☐ VFR/IFR
☐ Company VFR ☐ IFR
☐ Military VFR ☐ Unknown
☐ VFR

Activated? ☐ Yes ☐ No**Type of ATC Clearance/Service** (Check all that apply)

☒ None ☐ Special VFR ☐ Special IFR ☐ VFR Flight Following ☐ Cruise
☐ VFR ☐ IFR ☐ VFR On Top ☐ Traffic Advisory ☐ Unknown / NA

Airspace where the accident/incident occurred (Check all that apply)

☐ Class A ☒ Class E ☐ Prohibited Area ☐ Jet Training Area ☐ Special
☐ Class B ☐ Class G ☐ Restricted Area ☐ TRSA ☐ Air Traffic Control Area
☐ Class C ☐ Demo Area ☐ Military Operations Area (MOA) ☐ FAR 93 ☐ Unknown
☐ Class D ☐ Warning Area ☐ Airport Advisory Area

Aircraft Load Description (Check all that apply)

☒ None ☐ Towing Glider ☐ Parachutists ☐ Livestock
☒ Passengers ☐ Towing Banner ☐ Water ☐ Unknown
☐ Cargo ☐ Other External ☐ Chemical/Fertilizer/Seeds

FUEL & SERVICES INFORMATION**Fuel on Board at Last Takeoff**

(convert from pounds, as necessary)

25 Gallons**Fuel Type**

☐ 80/87 ☐ 115/145 ☐ JP3 ☐ Other, specify _____
☒ 100 Low Lead ☐ Jet A ☐ JP4
☐ 100/130 ☐ Automotive ☐ JP5

Other Services, if Any, Prior to Departure

EVACUATION OF AIRCRAFTWas an emergency evacuation of the aircraft performed? ☐ Yes ☒ No

Method of Exit – Describe how the occupants exited and how many occupants evacuated each location

WEATHER INFORMATION AT THE ACCIDENT/INCIDENT SITE**Weather Observation Facility**

Facility ID: _____

Observation Time: _____

Time Zone: _____

Distance from Accident Site: _____ NM

Direction from Accident Site: _____ degrees MAG

Source of Weather Information

(Check all that apply)

☐ National Weather Service☐ Flight Service Station☐ TV/Radio☒ Automated Report☐ Commercial Weather Service (DUATS)☐ Company☐ Military☐ Internet☐ Unknown**Method of Briefing**

(Check all that apply)

☐ In Person☐ Teletype☐ Telephone/Computer☒ Aircraft Radio☐ TV/Radio☐ Unknown**Briefing Type/Completeness**☐ Full☐ Partial / Limited By Pilot☐ Partial / Limited By Briefer☐ Abbreviated☐ Unknown☒ Not Pertinent**Light Condition**☐ Dawn☒ Day☐ Dusk☐ Night☐ Dark Night☐ Bright Night☐ Not Reported**Visibility**

_____ 10 miles

Sky/Lowest Cloud Condition☒ Clear☐ Few☐ Partial Obscuration☐ Scattered☐ Thin Broken☐ Thin Overcast☐ Unknown**Ceiling**☒ None (clear)☐ Broken☐ Overcast☐ Obscured☐ Indefinite☐ Unknown**Restriction to Visibility (Check all that apply)**☒ None☐ Blowing Dust☐ Blowing Sand☐ Blowing Snow☐ Blowing Spray☐ Dust☐ Fog☐ Ground Fog☐ Haze☐ Ice Fog☐ Smoke☐ Unknown**Lowest Cloud Condition Height**

_____ ft AGL

Ceiling Height

_____ ft AGL

Wind Direction☐ Indicated:

_____ degrees MAG

☒ Variable**Wind Speed**

Velocity: _____ KTS

-or-

☐ Calm☒ Light and Variable**Wind Gusts**

Velocity: _____ KTS

☒ Gusting☐ Not Gusting**Type of Turbulence (Check all that apply)**☒ None☐ Clear Air☐ In Clouds☐ Vicinity of Thunderstorm**Severity of Turbulence**☐ Extreme☐ Severe☐ Moderate☐ Moderate Chop☐ Light**NOTAMS (D, L and FDC), AIRMETs, SIGMETs, PIREPs in effect at the time of the accident/incident**Temperature: _____ (C)
or _____ (F)Altimeter Setting: _____ in. HG
or _____ MB

Density Altitude: _____ ft

Dew Point: _____ (C)
or _____ (F)**Icing Forecast**

Amount

☒ None☐ Trace☐ Light☐ Moderate☐ Severe

Type

☐ Rime☐ Clear☐ Mixed**Icing Actual**

Amount

☒ None☐ Trace☐ Light☐ Moderate☐ Severe

Type

☐ Rime☐ Clear☐ Mixed**Type of Precipitation (Check all that apply)**☒ None☐ Rain☐ Snow☐ Hail☐ Rain Showers☐ Freezing Rain☐ Snow Shower☐ Drizzle☐ Ice Pellets☐ Snow Pellets☐ Snow Grains☐ Ice Crystals☐ Ice Pellets Shower☐ Freezing Drizzle**Intensity of Precipitation**☐ Light☐ Moderate☐ Heavy

PILOT "A" INFORMATION

Pilot "A" Responsibilities at the Time of Accident/Incident

☒ Pilot
 ☐ Co-Pilot
 ☐ Student Pilot
 ☐ Flight Instructor
 ☐ Check Pilot
 ☐ Flight Engineer
 ☐ Other Flight Crew

Pilot "A" Identification

First Name: Daniel City: Cle Elum
 Middle Initial: L State: Wash ZIP: 98922
 Last Name: Pensula Country: USA

Age at time of Accident/Incident: 61 Date of Birth: mm/dd/yyyy Certificate Number: mm/dd/yyyy 

Degree of Injury

☒ None
 ☐ Fatal
☐ Minor
 ☐ Unknown
☐ Serious

Seat Occupied

☒ Left
 ☐ Front
 ☐ Unknown
☐ Right
 ☐ Rear
☐ Center
 ☐ Single

Seat Belt

Used ☒ Yes ☐ No
 Available ☐ Yes ☐ No

Shoulder Harness

Used ☐ Yes ☒ No
 Available ☐ Yes ☒ No

Pilot Certificate(s) (Check all that apply)

☐ None
 ☐ Student
 ☐ Recreational
 ☐ Commercial
 ☐ Flight Engineer
 ☐ Foreign
☒ Private
 ☐ Flight Instructor
 ☐ Sport
 ☐ Airline Transport
 ☐ U.S. Military

Principal Occupation

☐ Pilot
☒ Other
☐ Unknown

Medical Certificate

☐ None
 ☒ Class 3
☐ Class 1
 ☐ Driver's License (Sport Pilot only)
☐ Class 2
 ☐ Unknown

Medical Certificate Validity

☐ Without limitations/waivers
☒ With limitations/waivers
☐ Unknown

Date of Last Medical

09/13/2011
mm/dd/yyyy

Medical Certificate Limitations

Must have available glass for near vision

Medical Certificate Waivers

Date of Last Flight Review or Equivalent, Including FAR 121/135 Checks:

06/03/2012
mm/dd/yyyy

Flight Review Aircraft

Make: Piper

Model: PA-28-161

Airplane Rating(s)

(Check all that apply)
☐ None
☒ Single-Engine Land
☐ Single-Engine Sea
☐ Multiengine Land
☐ Multiengine Sea

Other Aircraft Rating(s)

(Check all that apply)
☐ None
☐ Airship
☐ Free Balloon
☒ Glider
☐ Gyroplane
☐ Helicopter
☐ Powered Lift

Instrument Rating(s)

(Check all that apply)
☒ None
☐ Airplane
☐ Helicopter
☐ Powered Lift

Instructor Rating(s)

(Check all that apply)
☒ None
☐ Airplane Single-Engine
☐ Airplane Multi-Engine
☐ Gyroplane
☐ Powered Lift
☐ Instrument Airplane
☐ Instrument Helicopter
☐ Helicopter
☐ Glider
☐ Sport

Type Ratings

Student Endorsements (Include dates)

Flight Time (enter appropriate number of hours in each box)

	All Aircraft	This Make & Model	Airplane Single Engine	Airplane Multiengine	Night	Instrument		Rotorcraft	Glider	Lighter Than Air
						Actual	Simulated			
Total Time	790	571	780		31	10	50		10	
Pilot in Command (PIC)	780									
Time as Instructor										
This Make/Model										
Last 90 Days	18									
Last 30 Days	12									
Last 24 Hours	0									

Pilot Name and Address		Degree of Injury	
First Name: _____ City: _____ Middle Initial: _____ State: _____ ZIP: _____ Last Name: _____ Country: _____		☐ None ☐ Fatal ☐ Minor ☐ Unknown ☐ Serious	
Pilot Certificate(s) <i>(Check all that apply)</i>		Seat Occupied	
☐ None ☐ Student ☐ Recreational ☐ Commercial ☐ Flight Engineer ☐ Foreign ☐ Private ☐ Flight Instructor ☐ Sport ☐ Airline Transport ☐ U.S. Military		☐ Left ☐ Front ☐ Right ☐ Rear ☐ Center ☐ Single ☐ Unknown	
Type Rating/Endorsement for Accident/Incident Aircraft? ☐ Yes ☐ No		Total Flight Time at the Time of this Accident/Incident: _____ hrs	

Pilot Name and Address		Degree of Injury	
First Name: _____ City: _____ Middle Initial: _____ State: _____ ZIP: _____ Last Name: _____ Country: _____		☐ None ☐ Fatal ☐ Minor ☐ Unknown ☐ Serious	
Pilot Certificate(s) <i>(Check all that apply)</i>		Seat Occupied	
☐ None ☐ Student ☐ Recreational ☐ Commercial ☐ Flight Engineer ☐ Foreign ☐ Private ☐ Flight Instructor ☐ Sport ☐ Airline Transport ☐ U.S. Military		☐ Left ☐ Front ☐ Right ☐ Rear ☐ Center ☐ Single ☐ Unknown	
Type Rating/Endorsement for Accident/Incident Aircraft? ☐ Yes ☐ No		Total Flight Time at the Time of this Accident/Incident: _____ hrs	

Pilot Name and Address		Degree of Injury	
First Name: _____ City: _____ Middle Initial: _____ State: _____ ZIP: _____ Last Name: _____ Country: _____		☐ None ☐ Fatal ☐ Minor ☐ Unknown ☐ Serious	
Pilot Certificate(s) <i>(Check all that apply)</i>		Seat Occupied	
☐ None ☐ Student ☐ Recreational ☐ Commercial ☐ Flight Engineer ☐ Foreign ☐ Private ☐ Flight Instructor ☐ Sport ☐ Airline Transport ☐ U.S. Military		☐ Left ☐ Front ☐ Right ☐ Rear ☐ Center ☐ Single ☐ Unknown	
Type Rating/Endorsement for Accident/Incident Aircraft? ☐ Yes ☐ No		Total Flight Time at the Time of this Accident/Incident: _____ hrs	

[illegible]

NARRATIVE HISTORY OF FLIGHT (Please type or print in ink)

Describe what occurred in chronological order, including circumstances leading to and nature of accident/incident. Describe terrain and include wreckage distribution sketch if pertinent. Attach extra sheets if needed. State time and point of departure, intended destination, and services obtained.

About 8:30 am departed DeVeres 2W1 from runway 26. Destination Ellensburg ELN. Before entering the pattern I listened to ELN ASOS. It reported winds calm with no wind direction. so I went for a landing on 07. I landed on the mains (wheel landing). As the airplane slowed the tail lowered and the tail wheel came into contact with the runway. I then pulled up the elevator into the the full up position to lock the tail down, but as i pulled up the tail of the airplane came up. And I lost all control of the airplane. then the airplane veered to the left and to the left side of the runway. it then turned sideways to the direction of travel and started to hop on the right main wheel. Then it stopped suddenly and stabbed the right wing into the dirt just off the runway. The sudden stop is what bent the airplane.

RECOMMENDATION (How could this accident/incident have been prevented?)

Operator/Owner Safety Recommendation

ADDITIONAL INFORMATION *(Please type or print in ink)*

Use this space if additional space is needed for any answers.

I HEREBY CERTIFY THAT THE ABOVE INFORMATION IS COMPLETE AND ACCURATE TO THE BEST OF MY KNOWLEDGE**Date of this Report**

08/3/2012

*mm/dd/yyyy***Signature and Name of Pilot/Operator**

Signature: _____

Type or Print Name: Daniel L Pensula**Signature and Name of Person Filing Report if Other than Pilot/Operator**

Signature: _____

Type or Print Name: _____

Title: _____

FOR NTSB USE ONLY**NTSB Accident/Incident No.**

WPR12CA333

Reviewed by NTSB Regional Office

WPR

Name of Investigator

McKENNY

Date Report Received

8.21.2012