NATIONAL TRANSPORTATION SAFETY BOARD NTSB Form 6120.1 PILOT/OPERATOR AIRCRAFT ACCIDENT/INCIDENT REPORT

Email the pilot/operator aircraft accident/incident report to the investigator-in-charge of your accident/incident. If email is not available, mail the report per the instructions below.

If your accident/incident occurred in Maine, Vermont, New Hampshire, Massachusetts, Connecticut, Rhode Island, New York, New Jersey, Pennsylvania, Maryland, Delaware, Virginia, West Virginia, Kentucky, Tennessee, North Carolina, South Carolina, Mississippi, Alabama, Georgia, Florida, the District of Columbia, Puerto Rico, or the US Virgin Islands, send the form to: NTSB, ERA, 45065 Riverside Parkway, Ashburn, VA 20147.

If your accident/incident occurred in Ohio, Michigan, Indiana, Wisconsin, Illinois, Minnesota, Iowa, Missouri, Arkansas, Louisiana, North Dakota, South Dakota, Nebraska, Kansas, Oklahoma, Texas, Colorado, or New Mexico, send the form to: NTSB, CEN, 4760 Oakland Street, Suite 500, Denver, CO 80239.

If your accident/incident occurred in Montana, Wyoming, Idaho, Utah, Arizona, Nevada, Washington, Oregon, California, Hawaii, or the territories of Guam or American Samoa, send the form to: NTSB, WPR, 505 South 336th Street, Suite 540, Federal Way, WA 98003.

If your accident/incident occurred in Alaska, send the form to: NTSB, ANC, 222 West 7th Avenue, Room 216, Box 11, Anchorage, AK 99513.

Rules pertaining to notification of aircraft accidents and incidents, as well as overdue aircraft are found in 49 Code of Federal Regulations (CFR) Part 830 http://www.ecfr.gov/cgi-bin/text-idx?c=ecfr&tpl=/ecfrbrowse/Title49/49cfr830_main_02.tpl. These rules state the authority of the NTSB, define accidents, incidents, injuries, and other terms, and provide procedures for initial and immediate notification of accidents and incidents by aircraft pilots/operators.

A. APPLICABILITY

The pilot/operator of an aircraft shall send a report to the office listed above, based on accident/incident location; immediate notification is required by 49 CFR 830.5(a). The report shall be filed within 10 days after an accident for which notification is required by Section 830.5, or after 7 days if an overdue aircraft is still missing.

An aircraft accident, as defined in 49 CFR 830.2, is determined as an occurrence that involves a fatality or serious injury, or substantial damage to the aircraft. For occurrences that do not involve a fatality, the determination that the occurrence is an accident can be appealed by writing to the Director, Office of Aviation Safety, NTSB, 490 L'Enfant Plaza, S.W., Washington, D.C. 20594.

The NTSB uses this form for aircraft accident prevention activities and for statistical purposes. NTSB regulations (49 CFR Part 830) require that ALL questions be answered completely and accurately. Completion of this form will take approximately 60 minutes. The NTSB does not guarantee the privacy of any information provided in this form. You need not complete this form unless it displays a valid OMB control number, in accordance with 5 C.F.R. § 1320.5(b), which applies to this collection of information.

B. DEFINITIONS

- 1. "Aircraft Accident" means an occurrence associated with the operation of an aircraft that takes place between the time any person boards the aircraft with the intention of flight and all such persons have disembarked, and in which any person suffers death, or serious injury, or in which the aircraft receives substantial damage. For purposes of this form, the definition of "aircraft accident" includes "unmanned aircraft accident," as defined at 49 CFR 830.2.
- 2. "Substantial Damage" means damage or failure that adversely affects the structural strength, performance or flight characteristics of the aircraft, and that would normally require major repair or replacement of the affected component. NOTE: Engine failure or damage limited to an engine if only one engine fails or is damaged, bent fairing or cowling, dented skin, small puncture holes in the skin or fabric, ground damage to rotor or propeller blades, and damage to landing gear, wheels, tires, flaps, engine accessories, brakes, or wing tips are not considered "substantial damage" for purposes of this report.
- 3. "Operator" means any person who causes or authorizes the operation of an aircraft, such as the owner, lessee, or bailee of an aircraft.
- 4. "Fatal Injury" means any injury that results in death within thirty (30) days of the accident.
- 5. "Serious Injury" means any injury that (1) requires hospitalization for more than 48 hours, commencing within 7 days from the date the injury was received; (2) results in a fracture of any bone (except simple fracture of fingers, toes, or nose); (3) causes severe hemorrhages, nerve, muscle, or tendon damage; (4) involves injury to any internal organ; or (5) involves second- or third-degree burns, or any burns affecting more than 5 percent of the body surface.

INSTRUCTIONS TO PILOTS/OPERATORS FOR COMPLETING THIS FORM It is necessary that ALL questions on this report be answered completely and accurately.

If more space is needed, continue on a blank sheet of paper.

Nearest City/Place: Use the name of the nearest community in the state where the accident/incident occurred.

Date/Time: Indicate the date and local time of the event. Be sure to indicate the time zone,

Phase of Operation: Indicate the phase of operation during which the accident/incident occurred.

Aircraft Information: Enter aircraft make and model information as indicated on the aircraft registration certificate, including series. If the involved aircraft is certified as "amateur-built," include the name of the producer of the kit or plans, unless an NTSB employee instructs otherwise.

Maximum Gross Weight: Enter the certificated maximum gross weight for the aircraft involved in the occurrence. This should be the same as the maximum gross weight indicated on the aircraft weight and balance documents.

Engine: Enter engine make and model information as indicated on the engine data plate.

Type of Fire Extinguishing System: If a fire extinguishing system was used to fight an aircraft fire, specify the type(s) of extinguishing system(s) used. Examples include handheld extinguisher, engine fire bottle, cargo/baggage compartment fire suppression system, or airport emergency ground equipment.

Owner/Operator Information: Enter the owner information as shown on the registration certificate. Commercial operators, enter the operator information, including "doing business as" when applicable, as shown on the operator certificate.

Revenue Sightseeing Flight: Indicate whether the accident aircraft was conducting revenue sightseeing operations under 14 CFR Part 91 at the time of the accident.

Air Medical Flight: Indicate whether the accident flight was being conducted for the purpose of carrying medical personnel, patient(s), or organs.

Public Aircraft: Federal, state or local government flight operations such as official travel, law-enforcement, low-level observation, aerial application, firefighting, search and rescue, biological or geological resource management, or aeronautical research. Indicate whether the flight was conducted by the armed forces, federal, state, or local government,

Purpose of Flight: 14 CFR Parts 91, 103, 133, 136, and 137: Indicate the type of operation that was being conducted at the time of the occurrence using the following definitions:

AERIAL APPLICATION—Operations using an aircraft to perform aerial application or dispersion of any substance. Examples include agricultural, health, forestry, cloud seeding, firefighting, insect control, etc.

AERIAL OBSERVATION--These flights include aerial mapping/photography, patrol, search and rescue, hunting, highway traffic advisory, ranching, surveillance, oil and mineral exploration, criminal pursuit, fish spotting, etc.

AIR DROP-Aerial operations, other than aerial application, that are intended to release items in flight,

AIR RACE/SHOW--Includes any flight operations conducted as part of an organized air race or public demonstration.

BUSINESS--includes all personal flying without a paid professional crew for reasons associated with furthering a business, including transportation to and from business meetings or work. This does not include corporate/executive operations, air taxi, or commuter operations.

EXECUTIVE/CORPORATE—Company flying with a paid professional crew.

FERRY--Non-revenue flight under a special flight or "ferry" permit. Refer to 14 CFR 21.197 for details of special flight permit issuance.

FLIGHT TEST--Flight for the purpose of investigating the flight characteristics of an aircraft/aircraft component or evaluating an applicant for a pilot certificate or rating.

INSTRUCTIONAL--Flying while under the supervision of a flight instructor or receiving air carrier training. Personal proficiency flight operations and personal flight reviews, as required by federal air regulations, are excluded.

OTHER WORK USE--Miscellaneous flight operations conducted for compensation or hire such as construction work (not 14 CFR Part 135 operation), parachuting, aerial advertising, towing gliders, etc.

PERSONAL--Flying for personal reasons (excludes business transportation) including pleasure or personal transportation. This also includes practice or proficiency flights performed under flight instructor supervision and not part of an approved flight training program.

POSITIONING—Non-revenue flight conducted for the primary purpose of relocating the aircraft. Examples include moving the aircraft to a maintenance facility or to load passengers or cargo etc.

UNKNOWN--Use only if the primary purpose of flight is not known.

Other Aircraft—Collision: For all accidents involving a collision with another aircraft, including parked aircraft, check "Collision with other aircraft" under Basic Information and complete this section indicating details about the OTHER aircraft involved in the collision.

Airport Information: Complete this section if the accident/incident occurred on approach, landing, takeoff, departure, or within 3 statute miles of an airport. Please refer to the FAA Airport/Facility Directory or other official source for airport information.

Airport Identifier: Provide the official 3 or 4 character airport identifier number.

Runway: Indicate the number of the runway used, including L, R, or C if applicable.

Runway/Landing Surface: Indicate the type of intended runway/landing surface (do not indicate surface conditions). If the surface type was mixed, check all that apply.

Condition of Runway/Landing Surface: Indicate the condition of the intended runway/landing surface. If multiple conditions existed at the time of the accident, check all that apply.

Weather Information at the Accident/Incident Site: Indicate the weather conditions reported at the accident/incident site at the time of occurrence. If no weather reporting was available for the accident/incident site, indicate the reported conditions at the nearest reporting site. Specify the weather reporting site identifier, the observation time, and distance from the accident/incident.

Sky/Lowest Cloud Condition: Indicate the height above ground level of the lowest cloud condition present at the time of the accident/incident and whether coverage was reported as few, scattered, broken or overcast. Also indicate the height above ground level and coverage of the lowest cloud ceiling present at the time of the accident/incident (reported as broken or overcast).

NOTAMS (D and FDC), AIRMETs, SIGMETs, PIREPs: Describe all NOTAMS (distant (D) or Flight Data Center (FDC), if known), AIRMETs, SIGMETs, and PIREPs in effect near the accident/incident.

Flight Crewmember Information: Indicate the category that best describes the capacity served by this flight crewmember at the time of the accident. The designators "Flight Crewmember 1" and "Flight Crewmember 2" do not refer to a specific pilot position or responsibility. If more than one pilot is aboard, they may be entered in any order and their capacity entered as appropriate.

Degree of Injury: See Definitions on the top half of Page 1 of the instructions. Minor injury is not defined. If an injury does not meet the criteria for another injury category, select Minor.

Date of Last Flight Review or Equivalent: Enter the date of the most recent flight review, or equivalent, completed by this pilot. Refer to 14 CFR 61.56 for accepted equivalents.

Type Ratings: List all type ratings on the pilot certificate. If the pilot holds no type ratings indicate "none." If the pilot holds a pilot certificate other than student and was flying an aircraft requiring an endorsement, enter the type and date of any logbook endorsement(s) for that aircraft. See 14 CFR 61 for examples of required endorsements.

Student Endorsements: If the pilot holds a student pilot certificate, enter all solo endorsements and dates on the student pilot certificate.

Flight Time: Complete the flight time matrix. Solo flight time should be included as "Pilot-in-Command (PIC)" and all dual flight instruction given should be included as "Time as Instructor."

Additional Flight Crewmembers: Complete this section if there were more than two required flight crewmembers on the aircraft. This also includes a check airman performing official duties but does not include cabin crew. State the capacity served by each included crewmember at the time of the accident.

Passenger(s)/Other Personnel: Enter identification and injury severity information for all passengers, cabin crew, and other personnel involved in the accident. See Page 1 of the instructions for the official definition of injury levels.

Several questions throughout the form allow for multiple responses; when appropriate, choose all responses that apply.

These instructions only pertain to major issue areas covered by NTSB Form 6120.1 *Pilot/Operator Aircraft Accident/Incident Report*. For additional definitions of questions and responses, please refer to www.ntsb.gov.

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

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

BASI	C INFORMA	TION											
Accide	nt/Incident Loc	ation					Accident/Incident Date/Time						
	City/Place: Hillst				State: C)R	Dat	te: 07/0	08/2021	Lo	cal Time:	18:25	
ZIP: 97	124(Country: Unit	ed States					mm/de	d/yyyy	т:	ma Zana: [PDT	
Latitude	45:32:31 N		Longitude: 122:	57:02 W						111	me Zone: <u>r</u>	וטי	
	(Enter in decima	l degrees or d	legrees:minutes:sec	conds)			Co	llision with	Other Aire	eraft: C) Midair	OOn-groun	d O None
AIRCI	RAFT INFO	RMATIO	N										
Registration Number: N526KP								☑ IFR-Equip					
	acturer: Payne							□ Commerci □ Unmanne		ght			
Model: RV-8						M	aximum Gr	oss Weigh	t: <u>1850</u>		lbs		
Serial N	Number: <u>81648</u>	3					w	eight at Tin	ne of Accid	ent/Inci	dent: <u>150</u>	00	lbs
Year of	Manufacture:	2007					Nu	umber of Se	ats: 2		Flight Cre	w Seats: 1	
Amateu	ı r-Built: ⊙ Yes		Kit/Plans Mak	ce: Vans				bin Crew Sea					
	ONo		Original Design				Νu	ımber of Eı	ngines:		_		
_	ry of Aircraft		irworthiness Ce	rtificate		Landing Ge				Engine	Type (Se		
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	o/Dirigible	Norma	1	ted		☐Tricycle	Keu		ailwheel	O Turb			d Rocket
OGlide		☐ Aeroba☐ Balloo	_		.				OTurb		ONone		
O Gyroj O Helic	opter	Comm	_			☐ Amphibia ☐ Emergenc			iigh Skid kid	OTurb OElect		OUnkn	own
O Powered Lift ☐ Transport ☐ Experimental ☐ Float				□Float		□s	ki						
O Rock		☐ Utility		al Light-Sport				□S	ki/Wheel			(Reciprocativ	
OUnknown			☐ Other Lau			ınch	Recovery Sy	stem	O Carb	uretor	● Fuel-	Injected	
		□None	ים	Unknown	(****)	☐ None	Unknown						
			Engine		Manuf	acturer's		Date of Mfg.	Rated Pow Horsep		Total Time	Time Inspection	
Engine	Engine Manufa	cturer	Model/Series			Number	\perp	mm/dd/yyyy	O lbs of		(hours)	(hours)	(hours)
Eng. 1	Lycoming		IO-360-M1B		L-32448	3-51A	10/13/05 180				2233	0.5	2233
Eng. 2							4						
Eng. 3							\dashv						
Eng. 4				Propelle	 or 1	OFixed P	ritch		Prope	llor 2		Fixed Pitch	
_	spection Type			Tropen	. 1	●Control	lable	e Pitch	тторс	2	Ö	Controllable l	
O100-H O AAIP		inuous Airwo litional Inspec			OGround Adjustable OGround Adjustable Inufacturer: Hartzel Manufacturer:								
OAnnu	al OUnki		ation			iartzei							
Date La	ast Inspection:	07/26/2	020	Model:									
		mm/dd/yy	yy	ELT In	stalled:	• Yes	No		Additio		ipment (Check all that	apply)
	ne Total Time:		hrsh	If Yes: ELT Ma	nufactur	er: ACK			Airf	rame Para			
	rs measured at (S	,	ccident/Incident	Model or					✓ Ang ✓ Auto		ck Indicato	r	
TSO No.: OC91 (121.5 MHz)					. ,) C91	1a (121.5 MH		a Recorde	r			
Type of Maintenance Program (Select one) O Annual O Cl26 (406 MHz)					` ′		_	To Division			Handheld De	vice	
O Conditional (Amateur-built only) Was ELT still mounted in airc										ıltifunction mary Fligh			
	ifacturer's Inspect		(A AID)			? OYes O		O I CS O IN	∐Han	dheld GPS	S		
	Approved Inspectinuous Airworthin		(AAIP)	If activa	ited:					ds Up Dis oard Wea			
O Other	, specify:			Did ELT	Aid in L	ocating Aircra	ft: (OYes ONG			cing Device	e	
	otion of Fire Ex	tinguishing	System	-	ctivated:					Warning			
O None	e eify: cockpit fire	extiguisher		Indicate	Reason:	☐ Impact Dar ☐ Fire Dama		e		eo Record er, Specify	ing Device /:		
O Spec		- Jugaron of				Battery Ex		d/Damaged					
						Unknown							

OWNER/OPERATOR INFORMA	TION				
Registered Aircraft Owner		City: Hillsboro			
Name: Steven Robert Payne		State: OR ZIP: 97123			
Fractional Ownership Aircraft: O Yes •	No	Country: United States			
Operator of Aircraft	gistered Owner	☑ Same Address as Registered Owner			
Name:		City:			
Doing Business As:		State: ZIP:			
Air Carrier/Operator Designator (4 Character	er Code):	Country:			
Operating Certificates Held (Check all that apply)	Regulation Flight Conducted Un	der Revenue Operation for FAR 121, 125, 129, 135 (Select one for each group)			
☑None □Flag Carrier Operating Certificate (FAR 121) □Supplemental □Air Cargo □Foreign Air Carriers (FAR 129) □Rotorcraft External Load (FAR 133) □Commuter Air Carrier (FAR 135)	OFAR 91 OFAR 129 OFAR 40 OFAR 103 OFAR 133 OFAR 40 OFAR 121 OFAR 135 OFAR 40 OFAR 125 OFAR 137 OFAR 40 OFAR 91 Special Flight ONon-US, Commercial	431 Non-Scheduled or Air Taxi International			
□ On-Demand Air Taxi (FAR 135) □ Commercial Air Tour (FAR 136) □ Agricultural Aircraft (FAR 137) □ Pilot School (FAR 141) □ Certificate of Authorization or Waiver (COA) □ Commercial Space Transportation □ Experimental Permit □ Commercial Space Transportation License □ Other Operator of Large Aircraft	O Non-US, Non-commercial O Public Aircraft (Select one) O Armed Forces O Federal O State O Local O Unknown	Purpose of Flight for FAR 91, 103, 133, 137 (Select one) O Aerial Application O Acrial Observation O Air Drop O Air Race/Show O Banner Tow O Other Work Use			
-		O Business O Personal O Positioning			
Revenue Sightseeing Flight O Yes O No	Air Medical Flight O Yes O No	O External Load O Skydiving O Ferry			
AIRPORT INFORMATION (Fill in	if accident/incident occurred on app	proach, landing, takeoff, departure, or within 3 miles of an airport)			
		Distance From Airport Center: 0 sm Direction From Airport:			
Airport Name: Hillsboro Airport Airport Identifier: KHIO Proximity to Airport: O Off Airport/Airstri	o On Airport/Airstrip ON/A	Direction From Airport: degrees true			
Airport Identifier: KHIO Proximity to Airport: O Off Airport/Airstri	On Airport/Airstrip ON/A	Direction From Airport: degrees true Airport Elevation: ft. msl			
Airport Identifier: KHIO	00 ft Width: 150 ft pply) dam	Direction From Airport: degrees true			
Airport Identifier: KHIO Proximity to Airport: Off Airport/Airstri Runway Information Runway ID: 31L (L/R/C) Length: 66 Runway/Landing Surface (Check all that a grass/Turf Maca Concrete Gravel Meta	00 ft Width: 150 ft pply dam	Direction From Airport:			
Airport Identifier: KHIO Proximity to Airport: Off Airport/Airstri Runway Information Runway ID: 31L (L/R/C) Length: 66 Runway/Landing Surface (Check all that a Check a Check all that a Check a Check all that a Check a Chec	00 ft Width: 150 ft pply) dam	Direction From Airport:			
Airport Identifier: KHIO Proximity to Airport: Off Airport/Airstri Runway Information Runway ID: 31L (L/R/C) Length: 66 Runway/Landing Surface (Check all that at all the surface) Concrete Gravel Meta Snow Approach/Departure Segment (Select one) Taxi OVFR Departure OTAKEOFF OIFR Departure Processors	00 ft Width: 150 ft pply) dam	Direction From Airport:			
Airport Identifier: KHIO Proximity to Airport: Off Airport/Airstri Runway Information Runway ID: 31L (L/R/C) Length: 66 Runway/Landing Surface (Check all that a Check all that apply) IFR Approach (Check all that apply) None	00 ft Width: 150 ft pply) dam	Direction From Airport:			
Airport Identifier: KHIO Proximity to Airport: Off Airport/Airstri Runway Information Runway ID: 31L (L/R/C) Length: 66 Runway/Landing Surface (Check all that a Check all that apply) IFR Approach (Check all that apply)	00 ft Width: 150 ft pply) dam	Direction From Airport:			

"FLIGHT CREWMEMBER 1" INFORMATION										
"Flight Crewmember 1" Res ⊙ Pilot O Co-Pilot	ponsibilities at O Student Pilot	the Time of OFlight I		cident Check Pilot	O Flight	Engineer	O Other I	Flight Crew		
"Flight Crewmember 1" was	pilot flying	✓Yes □ N	No.							
"Flight Crewmember 1" Ider	ntification									
First Name: Steven City of Residence: Hillsboro										
Middle Initial: R	Middle Initial: R State: OR ZIP: 97123									
Last Name: Payne				_ (Country:	United Sta	ates			
Age at time of A	Accident/Incider	nt: <u>54</u>	Date of B	_	966		m/dd/yyyy			
		C	- ertificate Num	ber:						
Degree of Injury	Seat Occupi				straint Ty	pe			Inflatable F	Restraints
None	O Left	Front	O Unknov	vn	Available		Used			
O Minor O Unknown O Serious	O Right O Center	O Rear O Single			O None		ONone		✓ Not Ins	
Pilot Certificate(s) (Check all		O Singiv			O Lap on O 3-point		OLap only O3-point	y	☐ Installed ☐ Not Dep	
□ None □ Flight In:		Commercial	☐ US Mi	ilitary	O 4-point	:	O 4-point		☐ Deploy	ed
✓ Private ☐ Recreation	onal	Airline Transp	ort Foreig		⊙ 5-point O Unknow		O 5-point O Unknov	vn	☐ Unknov	vn
☐ Student ☐ Sport	□ F	Flight Enginee	r		Ochkho	***11	O commercia			
Principal Occupation M	edical Certific	ate		Me	dical Cert	ificate Va	lidity		Date of Las	t Medical
O		Class 3			Without limi			nknown	00/40/00	
0		Driver's Lice Unknown	ense (Sport Pilot		With limitati Special Issua		s ON	//A	03/12/20: mm/dd/y	
Medical Certificate Limitatio	<u> </u>	Unknown		0.	Special Issue	ance			,,	
Must have available glasses for										
Medical Certificate Special Is	ssuance									
Date of Last Flight Review		Flight	t Review Airc	raft						
or Equivalent, Including FAR 121/135 Checks:	08/25/19	Make:	Payne, Stev	ven R						
	mm/dd/yyyy	Model	: RV-8							
	Other Aircraft			ent Rating(s	·		r Rating(s)			
(Check all that apply) ☐ None	(Check all that ap ■ None	pply)	, i	l that apply)		(Check all	that apply)	_	.	
☑ None ☑ Single-Engine Land	☐ Airship		☐ None ☑ Airpla	ne		✓ None ☐ Airplan	e Single-Eng		Instrument I	
☐ Single-Engine Sea	Balloon		☐ Helico	pter		☐ Airplan	e Multi-Engii	ne [Helicopter	
☐ Multiengine Land ☐ Multiengine Sea	☐ Glider ☐ Gyroplane		☐ Power	ed Lift		☐ Gyropla ☐ Powered			Glider Sport	
	☐ Helicopter							_	- Sport	
Type Ratings	☐ Powered Lift					Student F	Endorsemen	te (Include	datas)	
Type Katings						Student E	andor semei	нь (тешае	aaies)	
Flight Time (Enter appropriate	All	This Make	Airplane Single	Airplane		Inst	rument I			Lighter
number of hours in each box)	Aircraft	& Model	Engine	Multiengine	Night	Actual	Simulated	Rotorcraft	Glider	Than Air
Total Time	3,695	2,264	3,694		120		345			
Pilot in Command (PIC)	3,650	2,264	3,650		115	310	322			
Time as Instructor										
This Make/Model Last 90 Days	33	33	33		0	1				
Last 30 Days	20	20	20						 	
Last 24 Hours	0	0	0		0					

"FLIGHT CREWME	MBER 2" INFOR	MATION								
"Flight Crewmember 2" FO Pilot O Co-Pilot		Time of Ac			OFlig	tht Engineer	OOther F	light Crew		
"Flight Crewmember 2" v	vas pilot flying Y	es 🔲 No	•							
"Flight Crewmember 2" I	dentification									
First Name:				City	y of Re	sidence:				
Middle Initial:				Stat	te:		Z	IP:		
Last Name:										
	f Accident/Incident:									
Ĭ	_		icate Number:							
Degree of Injury	Seat Occupied			Restr	aint T	ype			nflatable R	estraints
O None O Fatal OLeft OFront OUnknown					Restraint Type Available Used					
O Minor O Unknown O Serious		ORear OSingle			O None		O None		☐ Not Inst	alled
		Single			O Lap		O Lap only	′	☐ Installed	
Pilot Certificate(s) (Check ☐ None ☐ Fligh	att that appty) t Instructor	naraial	☐ US Military		O 3-poi O 4-poi		O 3-point O 4-point		☐ Not Dep ☐ Deploye	
☐ Private ☐ Recre		e Transport			O 5-poi		O 5-point		☐ Unknow	'n
☐ Student ☐ Sport	t ☐ Flight	t Engineer		'	O Unkı	nown	O Unknow	n		
Principal Occupation	Medical Certificate			Medi	cal Ce	rtificate Va	lidity	1	Date of Las	t Medical
O Pilot	O None O Clas	ss 3				mitations/waiv	_	nknown		
O Other			(Sport Pilot only)			ations/waivers			mm/dd/yy	
O Unknown	O Class 2 O Unk	nown		O Sp	ecial Iss	suance			mm/aa/yy	yy
Medical Certificate Limits	ations									
Medical Certificate Specia	al Issuance									
·										
Date of Last Flight Review	v	Flight Re	eview Aircraft							
or Equivalent, Including		-								
FAR 121/135 Checks:	mm/dd/yyyy	Model:								
Airplane Rating(s)	Other Aircraft Ra		Instrument R	ating(s)	T	Instructor	Rating(s)			
(Check all that apply)	(Check all that apply)	0()	(Check all that a			(Check all th	017			
None	☐ None		□None			☐ None			Instrument A	irplane
☐ Single-Engine Land☐ Single-Engine Sea	☐ Airship ☐ Balloon		☐ Airplane ☐ Helicopter			☐ Airplane ☐ Airplane			Instrument H Helicopter	elicopter
■ Multiengine Land	Glider		Powered Lift			Gyroplan			Glider	
☐ Multiengine Sea	☐ Gyroplane ☐ Helicopter					☐ Powered	Lift		Sport	
	☐ Powered Lift									
Type Ratings			•			Student Er	idorsement	s (Include d	ates)	
			Airplane			Inst				
Flight Time (Enter appropriate number of hours in each box)	1 1	s Make Model	Single Air	plane	Night		rument	Rotorcraft	Glider	Lighter Than Air
Total Time	Aircraft	Model	Engine Mul	iengine	Night	Actual	Simulated	Rotorcraft	Gilder	Than Air
Pilot in Command (PIC)	+ +			-						
Time as Instructor	+ +									
This Make/Model										
Last 90 Days										
Last 30 Days										
Last 24 Hours				i			İ			

ADDITIONAL FLIC	SHT CREWMEN	IBERS (Exclusive	e of cabin cr	ew, complete	the followin	g information)		
Crew Name and Addi	ress						Seat Occupie	d	Injury
First Name: Middle Initial: Last Name:		State	State: ZIP:					O Front O Rear O Single O Unknown	O None O Minor O Serious O Fatal O Unknown
Pilot Certificate(s) (Check all that apply) None Flight Instructor Commercial US Military Foreign Foreign Flight Engineer Type Rating/Endorsement for Total Flight Time at the Time Accident/Incident Aircraft? Yes No of this Accident/Incident: hrs						Restraint Tyj Available O None O Lap Only O 3-point O 4-point O 5-point O Unknown	T7	Inflatable Restraints Not Installed Installed Doployed Unknown	
Crew Name and Addi	ress						Seat Occupie		Injury
Middle Initial: State: ZIP: OCenter OR ORight						O Front O Rear O Single O Unknown	O None O Minor O Serious O Fatal O Unknown		
□ None □ Private □ Student Type Rating/Endorse	Sport					Restraint Tyl Available O None O Lap Only O 3-point O 4-point O 5-point	Used O None O Lap Only O 3-point O 4-point O 5-point	Inflatable Restraints Not Installed Installed Not Deployed Deployed Unknown	
Accident/Incident Air				ccident/Inci		hrs	O Unknown	O Unknown	Cliknown
PASSENGER(S) /	OTHER PERSO	ONNEL (Include c	abin crew; c	ontinue on s	eparate shee	t if necessary)	Inflatable	T
Name and Address				Seat	Injury	Restraint T		Restraints	Age
First Name: Middle Initial: Last Name: OCrew	State:	ZIP:	_	OLeft OCenter ORight OUnknown Row:	O None O Minor O Serious O Fatal O Unknown	Available ONone OLap Only O3-point O4-point O5-point OUnknown	O 3-point O 4-point O 5-point	☐ Not Installed ☐ Installed ☐ Not Deployed ☐ Deployed ☐ Unknown	☐ Under 5 years If Under 5, ○ Child Restraint ○ Lap-Held ○ Unknown
First Name: Middle Initial: Last Name: OCrew	State:	ZIP:	_	OLeft OCenter ORight OUnknown Row:	O None O Minor O Serious O Fatal O Unknown	Available ONone OLap Only O3-point O4-point O5-point OUnknown	O 3-point O 4-point O 5-point	□ Not Installed □ Installed □ Not Deployed □ Deployed □ Unknown	☐ Under 5 years
First Name:	State:	ZIP:		OLeft OCenter ORight OUnknown	ONone OMinor OSerious OFatal	Available ONone OLap Only O3-point O4-point	O 3-point O 4-point	□ Not Installed □ Installed □ Not Deployed □ Deployed	☐Under 5 years
O Crew	Country: OPassenger	OOt	ther	Row:	OUnknown	O 5-point OUnknown	O 5-point O Unknown	□Unknown	O Lap-Held O Unknown

FLIGHT ITINERARY	INFORMATIO	N						
Last Departure Point	Tim	e of Departure	Destination	n		Type Fligh	ıt Plan F	iled
Airport ID: KHIO	T:		Airport ID:	KHIO		O None		O VFR/IFR
City: Hillsboro	1 ime	:	City: Hills	City: Hillsboro			y VFR VFR	O IFR O Unknown
State: OR	Time	Zone:	State: OR			O Military VFR	VIK	Chkhown
Country: United States	<u> </u>			nited States		Activated?	OYes	ONo OUnknown
Type of ATC Clearance/S	ervice (Check all that	apply)						
□ VFR	☐ Special VFR ☐ IFR	□ VF	cial IFR R On Top		☐ VFR Flight Foll☐ Traffic Advisor		☐ Crui: ☐ Unki	se nown / NA
Airspace where the accide				A (MOA)	5 6 11		Altitu	de of In-Flight
	□Class G □Demo Area		itary Operations port Advisory A		☐ Special ☐ Air Traffic Cont	rol Area	Occur	rrence:
☐ Class C	☐ Warning Area	☐ Jet	Training Area	. • • • • • • • • • • • • • • • • • • •	Unknown			ft msl
	☐ Prohibited Area ☐ Restricted Area	□ TRS						
WEATHER INFORM				T CITE				
Source of Pilot Weather In		ACCIDEN	INICIDEN		servation Facility	,		
(Check all that apply)	nor mation			Facility ID: K	-			
☐ National Weather Service	☐ Com			· -	me: 0134			
☐ Flight Service Station ☐ TV/Radio	☐ Mili ☐ Inter							
Automated Report	□ Non			Time Zone: Z				
Commercial Weather Service	nown			Accident Site: 0				
On-Board Weather		T : -1 4 C 3'4'		Direction from	Accident Site:		degrees	true
Basic Conditions OVMC		Light Conditi ODawn	O Dusk	O Dark	Night Olls	nknown		
OIMC		⊙ Dawn	ONight		ht Night	ikilowii		
OUnknown			• I ng	•	C			
Sky/Lowest Cloud Condit	ion	Ceiling			Temperature:	25.6	(C) or	78 (F)
⊙ Clear	O Thin Broken	O None (Clear)		Obscured	Daw Points 1	28 (6	7) or	55 (F)
O Few O Partial Obscuration	O Thin Overcast O Unknown	O Broken O Indefinit O Overcast O Unknow			``			
O Scattered	Chkhown	O Overcast O Unknown			Altimeter Setting: 29.99 in. Hg			
Lowest Cloud Condition 1	Height	Ceiling Height			orMB			
	ft agl			ft agl	i			
Wind Direction	Wind Speed		Wind Gusts		Visibility	10+	miles	
☐ Variable	☐ Calm		✓ Not Gustir	ng	RVR	:		
	☐ Light and Varia	able						
-or- Direction: 050 degrees tru	e Speed: 9	kts	-or- Speed:	kts	RVV		miles	
			· —	KtS	Density Altitu		71 1 11 .	_ft
Intensity of Precipitation	Type of Precipit	_ '	nat appty) Freezing	a Dain	Restriction to None	Visibility (C		пат арріу)
O Light O Moderate	☑ None □ Rain	☐ Drizzle☐ Ice Pellets	Snow S	g Kain hower	☐ Blowing Di		Ground Fo	og
OHeavy	\square Snow	☐ Snow Pellet	s 🗖 Ice Pelle	ets Shower	☐ Blowing Sa		Haze	
O N/A O Unknown	☐ Hail	Snow Grain		g Drizzle	☐ Blowing Sn☐ Blowing Sp		ce Fog Smoke	
OUnknown	☐ Rain Showers	☐ Ice Crystals			□ Dust		Unknown	
Icing Forecast		Icing Actual			Turbulence			
Amount Type		Amount	Type		Type (Check a	ll that apply)		verity
O None O N/A O Trace O Rime		O None O Trace	O N/A O Rime		☑ None ☐ Clear Air			Light Moderate
O Light O Clear		OLight	O Clear		☐ Terrain-Ind	uced		Severe
O Moderate O Mixed	i	O Moderate	O Mixe	d	☐Convective	Turbulence		Extreme
O Severe O Unknown	own	O Severe O Unknown	O Unkr	nown				
NOTAMs (D and FDC),	AIRMETs, SIGN	TETS, PIREPS	in effect at	the time of tl	ne accident/inci	dent:		
I								

DAMAGE	TO AIDODAFT AI	UD OTHER RE	DEDTY		
	TO AIRCRAFT AI		DPERIT		
Aircraft Dan O None O Minor	O Substantial O Destroyed O Unknown	Aircraft Fire None In-Flight On-Ground	O Both Ground and In-Flight O Fire at Unknown Time O Unknown	Aircraft Explosion None In-Flight On-Ground	O Both Ground and In-Flight O Explosion at Unknown Time O Unknown
Description of	of Damage to Aircraft a	nd Other Property	(Use additional sheet if necessary)		
Rudder and	elevators destroyed. V	ertical stabilizer dar	maged rear spar flange bent.		
NARRATIV	E HISTORY OF FLIC	GHT (Please type o	r print in ink)		
			g circumstances leading to and nat		
	tribution sketch if perting Provide as much detail as		ts if needed. State departure time and	and location, services	obtained, and intended
			numer anation for an airch accette a fall	lauda a dau NEOCKE	Duran Simbaland Tavindan an
			preparation for an airshow the fol rt of Taxiway Alpha, then depart r		
briefed the fli	ght was on company fr	requency for taxi an	d run-up with lead coummunicatir	ng with ground on on	e radio and the flight on the
ground and t	axi clearance across ta	up the hight would b exiway Alpha to run	e changed to tower frequency for way 31L at Carlie was received. I	requency change to	tower was issued to and
			oss Alpha. Check-in on tower was		
			axied slowly to hold short line and ler struck the rudder and elevator		econds after stopping there
Debriof at the	a coope with 2 pilot inc	licated that he had	fallon bobind when load began to	viing towards the run	way. He also thought be
heard a diffe	rent frequency than he	had pre-loaded issu	fallen behind when lead began ta: ued and was checking his radio w	hile accelerating his	taxi to catch lead (likely the
			requency after the change had be a check-in from lead. When he lo		
			ne brakes to keep from stricking the		
lead's tail wit	h his prop before comi	ng to a stop.			

RECOMMENDATION (How	could this	accident/incident ha	ve been pre	vented?)				
Operator/Owner Safety Recomm	endation							
The briefing was through, and airport once before. The accide aircraft due to him not being or would have prevented the accomore chance for confustion. The procedure. If the frequency of review this accident and docur changes/check-ins for formatic emphasis should be placed on other aircraft.	dent was the n ground fre ident. Putti his also be nange were ment best p on operation	e result of a chain of equency, and the fr ng the flight on gro comes unworkable completed with ch ractices as a result ns on the ground w	of events increquency colund would have with larger eck-in prior to the learn hile the aircre	eluding the ngenstion nelp the S flights. T to resumi nings. My raft are ne	e frequency che on tower freq A, but would a he simplest so ing taxi, then the recommenda ot in motion.	ange, the lack of Suency. Removing also create more fresolution would be the chain would have to according to such as a such a	A of the pilot of the -2 any one of these issues quency changes with frequency change e been broken. FFI will complish all frequency ase anyway, but more	
MECHANICAL MALFUN	NCTION/F	AILURE (If mor	e space is n	eeded. co	ntinue on sepa	rate sheet)		
Was there Mechanical Malfund (If yes, list the name of the part, man	ction/Failur	e? □ Yes ☑ No		,		,	Total Time/Cycles On Part	
							Hours	
							Cycles	
							Time Since This Part Inspected/Overhauled	
							Hours	
							rious	
FUEL & SERVICES INF	ORMATI	ON						
Fuel on Board at Last Takeoff		Fuel Type						
(Convert from pounds, as necessary)		○ 80/87 ○ 100 Low Lead	O 115/145 O Jet A		O Jet B O JP8	O Other, specify		
42	Gallons	O 100/130	O Jet A-1		O Automotive			
Other Services, if Any, Prior to	Departure							
EVACUATION OF AIRC	RAFT							
Was an emergency evacuation	of the aircra	aft performed?	☐ Yes	☑ No				
Method of Exit - Describe how	the occupan	ts exited and how ma	ny occupants	s evacuate	d each location			
Aircraft was shut down and ex unwise.	kited norma	lly to assess the da	amage. Airc	raft was	still taxiable, bu	ut debris on the taxi	iway made taxiing	
OTHER AIRCRAFT - C	OLLISIO	(If air or ground	collision occ	urred, co	mplete this sec	tion for other aircraf	t)	
Aircraft Registration Number		ırer: Vans				Dam	age to Other Aircraft	
N808LD	Model: R						estroyed Minor ubstantial None	
Registered Owner of Other Air	craft			Pilot of	Other Aircraft			
Name: Richard Morey					Richard Morey	/		
City: Sequim State: WA ZIP:	98382			City: State: W		ZIP: 98382		
Country: United States	9030Z				vA : United States			

ADDITIONAL INF	ORMATIC	ON (Please type or print in ink)		
Use this space if addi	tional space	is needed for any answers.		
I HEDERY CERTIE	V THAT TH	IE ABOVE INCORMATION IS COMPLE	ETE AND ACCURATE TO THE BEST OF I	MY KNOW! EDGE
Date of this Report				
07/09/2021 mm/dd/yyyy		::		
mm/awyyyy	or	✓ Check here to electronically sign this of	document	
If a Person Other tha	an Pilot/Op	erator is Filing Report		
			Title:	
				_
		electronically sign this document		
			USE ONLY	
NTSB Accident/Incid	dent No	FOR NTSB Reviewed by NTSB Regional Office		Date Report Received
WPR21LA276	uent 140.	AS-WPR	Name of Investigator Andrew Swick	07/19/2021
