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 Identifi : 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

BASIC INFORM	ATION											
Accident/Incident Lo						Acc	cident/Incid	lent Date/T	ime			
Nearest City/Place: Rer				_ State: <u>N</u>	<u>1V</u>	Date	e: <u>09/</u>	17/2017	Lo	cal Time: _		
ZIP: 89506	Country: US	Α					mm/do	d/yyyy	Ti	me Zone:		
Latitude:		Longitude:								me zone		
(Enter in decim	al degrees or a	degrees:minutes:sec	conds)			Col	llision with	Other Airo	eraft: 🧿) Midair	OOn-groun	d O None
AIRCRAFT INFO	RMATIO	N			T							
Registration Number	: C-GTPX						□ IFR-Equip □ Commerci					
Manufacturer: Paul Trudel						□ Unmanned		gnı				
Model: GP4						Ma	aximum Gr	oss Weight	t: 2100		lbs	
Serial Number: PT5	72					W	eight at Tin	ne of Accid	ent/Inci	dent: <u>159</u>	90	_ lbs
Year of Manufacture	: 2016					Nu	ımber of Se	ats: 2		Flight Cre	w Seats: 1	
Amateur-Built: OY			ke: GP4				bin Crew Seat					
ONG		Original Design					ımber of En	igines: 1				
Category of Aircraft		irworthiness Ce	rtificate		Landing Ge		1)			Type (Se		15 1 .
AirplaneBalloon	(Check all t				(Check all tha		<i>pty)</i> actable		O Reci	procating o Shaft	O Liqui O Solid	d Rocket Rocket
OBlimp/Dirigible	☑ Norma	al 🗖 Restric			☐ Tricycle			ailwheel	O Turb	o Prop	O Hybri	id Rocket
OGlider OGyroplane	☐ Aerob☐ Balloc				☐ Amphibia	n		igh Skid	O Turb O Turb		ONone OUnkn	
OHelicopter	☐ Comm	nuter	Flight		Emergenc				O Elect		Ochkii	OWII
O Powered Lift O Rocket	☐ Transp		mental Light-Spo	.rt	□Float □Hull			ki ki/Wheel				
OUltralight			nental Ligh				_				(Reciprocativ	
O Unknown		e of Authorization	or Waiver	(COA)	☐ Other Lau	ınch/			O Carb	uretor	⊙ Fuel-	Injected
	□None	<u>U</u> '	Unknown	<u> </u>	☐ None	_		nknown		Total	Tr:	G!
		Engine		Manuf	acturer's		Date of Mfg.	Rated Power Horsep	ower or		Time Inspection	
Engine Engine Manut	acturer	Model/Series			Number	4	mm/dd/yyyy	O lbs of	Thrust	(hours)	(hours)	(hours)
Eng. 1 Lycoming Eng. 2		IO-360-A1A		LW-883	5-51A	+		200		835	727	
Eng. 3						\dashv						
Eng. 4												
Last Inspection Type	•		Propelle	er 1	OFixed P		Ditch	Prope	eller 2		Fixed Pitch	Ditah
	ntinuous Airwo					rollable Pitch Ind Adjustable OControllable Pitch OGround Adjustable						
	nditional Inspe	ction	Manufac	turer: <u> </u>	Hartzell			Manu	facturer:			
			Model: _	HC-M2	YR			Mode	l:			
Date Last Inspection	mm/dd/yy		ELT Ins	stalled:	⊙ Yes ○	No			-	ipment (Check all that	apply)
Airframe Total Time	108	hrs	If Yes:					□ ADS	S-B rame Para	chute		
hours measured at (Model or		er:			∠ Ang	le of Atta	ck Indicato	r	
OLast Inspection		.ccident/Incident			(121.5 MHz) C) C91	la (121.5 MH	z) Z Auto	opilot a Recorde	r		
Type of Maintenance Program (Select one) OC126 (406 MHz)				(406 MHz)			∠ Elec	tronic Fli	ght Bag or	Handheld De	vice	
O Annual O Conditional (Amateur-built only) Was ELT still mounted in air									ıltifunction mary Fligh			
O Manufacturer's Inspection Program Was EL1 still connect Did ELT Activists?						Yes ONG	, , —	dheld GP	, .	ыршу		
O Other Approved Inspector O Continuous Airworthi	_	(AAIP)	If activa						ds Up Dis oard Wea			
O Other, specify:			Did ELT	Aid in L	ocating Aircra	ft: (⊃ Yes ⊙ No	□Sate	llite Tracl	king Device		
Description of Fire E	xtinguishing	System		ctivated:					Warning	System ing Device		
NoneSpecify:			Indicate	keason:	☐ Impact Dar ☐ Fire Damas		.		eo Record er, Specify			
⊕					☐ Battery Exp		d/Damaged		- *			
					□Unknown							

OWNER/OPERATOR INFORMA	ATION					
Registered Aircraft Owner		City: Calgary				
Name: Mark ter Keurs		State: AB ZIP: T3H5V9				
Fractional Ownership Aircraft: O Yes •	No	Country: Canada				
Operator of Aircraft	gistered Owner	☑ Same Address as Registered Owner				
Name:		City:				
		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	OFAR 91 OFAR 129 OFAR 3 OFAR 103 OFAR 133 OFAR 3 OFAR 121 OFAR 135 OFAR 3 OFAR 125 OFAR 137 OFAR 3	431 Non-Scheduled or Air Taxi International 435 437				
☐ Foreign Air Carriers (FAR 129) ☐ Rotorcraft External Load (FAR 133) ☐ Commuter Air Carrier (FAR 135)	O FAR 91 Special Flight O Non-US, Commercial O Non-US, Non-commercial	O Passenger O Cargo O Mail Contract Only				
□ 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)	OPublic Aircraft (Select one) OArmed Forces	Purpose of Flight for FAR 91, 103, 133, 137 (Select one) O Aerial Application O Firefighting O Unknown				
☐ Commercial Space Transportation Experimental Permit	O State	O Aerial Observation OF light Test O Air Drop OGlider Tow				
☐ Commercial Space Transportation License	O Local	Air Race/Show OInstructional				
☐Other Operator of Large Aircraft	O Unknown	O Banner Tow O Other Work Use O Business O Personal				
		O Executive/Corporate O Positioning O External Load O Skydiving				
Revenue Sightseeing Flight	Air Medical Flight	O Ferry				
O Yes	O Yes O No					
AIRPORT INFORMATION (Fill in	if accident/incident occurred on app	proach, landing, takeoff, departure, or within 3 miles of an airport)				
Airport Name: Reno Stead		Distance From Airport Center: 2 sm				
Airport Identifier: KRTS		Direction From Airport: 170 degrees true				
Proximity to Airport: O Off Airport/Airstri	p OOn Airport/Airstrip ON/A	Airport Elevation: ft. msl				
Runway Information		Condition of Runway/Landing Surface (Check all that apply)				
Runway ID:(L/R/C) Length:	ft Width:ft	☐ Dry ☐ Snow-Compacted ☐ Water-Calm ☐ Holes ☐ Snow-Crusted ☐ Water-Choppy				
Runway/Landing Surface (Check all that of Asphalt Grass/Turf Maca Concrete Gravel Meta Snow	ldam	Grower Grower				
Approach/Departure Segment (Select one,)					
OTaxi OVFR Departure OTakeoff OIFR Departure Proc OInitial Climb	edure/Clearance OOn Instrument Ap OLanding	proach OBase OFinal OCrosswind ODownwind OBase OGo Around OAborted Landing (after touchdown) OUnknown				
IFR Approach (Check all that apply) □None		VFR Approach (Check all that apply) None				
□ADF/NDB □PAR □SDF □Sidestep □VOR/TVOR □ILS □VOR/DME □Localizer Only □TACAN □LOC-back course □RNAV	□MLS □Practice □LDA □GPS □ASR □Visual □Contact □Circling □Unknown	☐ Traffic Pattern ☐ Stop and Go ☐ Straight-In ☐ Touch and Go ☐ Valley/Terrain Following ☐ Simulated Forced Landing ☐ Go Around ☐ Forced Landing ☐ Full Stop ☐ Precautionary Landing ☐ Unknown				

"FLIGHT CREWMEME	BER 1" INF	ORMATI	ON							
"Flight Crewmember 1" Res	ponsibilities at O Student Pilot			cident Check Pilot	O Flig	ht Engineer	O Other I	Flight Crew		
"Flight Crewmember 1" was	pilot flying	□Yes □ N	No							
"Flight Crewmember 1" Ider	itification									
First Name: Mark					City of Residence: Calgary					
Middle Initial: HC				•	State: All	berta		ZIP: <u>T3H5</u>	V9	
Last Name: ter Keurs					Country:	Canada				
Age at time of A	Accident/Incide	ent: 48	_ Date of E		196		m/dd/yyyy			•
		C	ertificate Num	ıber:						
Degree of Injury	Seat Occup	oied		Res	straint T	ype			Inflatable F	Restraints
NoneHatalMinorUnknownSerious	O Left O Right O Center	O Front O Rear O Single	wn	Available Used O None O None □ Not Installe O Lap only O Lap only □ Installed						
Pilot Certificate(s) (Check all	that apply)				O 3 - poi	nt	O3-point		☐ Not De	ployed
□ None □ Flight In. □ Private □ Recreation □ Student □ Sport	onal 🗾	Commercial Airline Transp Flight Enginee	~		O 4-poi ⊙ 5-poi O Unkn	nt	O 4-point O 5-point O Unknov	vn	☐ Deploy ☐ Unknov	
Principal Occupation M	edical Certific	cate		Me	dical Ce	rtificate Va	lidity		Date of Las	st Medical
O Other	Class 1	Class 3 Driver's Lice Unknown	ense (Sport Pilot	only) O		mitations/wai ntions/waivers uance		Jnknown J/A	07/22/20 mm/dd/y	
Medical Certificate Limitation	ons									
must wear glasses										
Medical Certificate Special Is										
Medical Certificate Special is	ssuance									
Date of Last Flight Review		Fligh	t Review Airo	eraft						
or Equivalent, Including	04/29/2017	Make	Paul Trude	I GP4						
FAR 121/135 Checks:	mm/dd/yyyy		ı: GP-4							
Airplane Rating(s)	Other Aircra			ent Rating(s	9	Instructo	r Rating(s)			
(Check all that apply)	(Check all that d			l that apply)	,	(Check all				
☐ None ☐ Single-Engine Land	□ None		☐ None			✓ None	C: 1 E	. [Instrument	
✓ Single-Engine Land ✓ Single-Engine Sea	☐ Airship ☐ Balloon		☑ Airpla ☐ Helico				e Single-Eng e Multi-Engi		Instrument Helicopter	Helicopter
Multiengine Land	Glider		☐ Power			☐ Gyropla	ine		Glider	
✓ Multiengine Sea	☐ Gyroplane ☐ Helicopter					☐ Powere	d Lift	L] Sport	
	☐ Powered Lif	Ì								
Type Ratings						Student E	Endorsemei	nts (Include	dates)	
Flight Time (Enter appropriate	4 33	TL:- N# 1	Airplane	A 1		Inst	rument			T 2-1.
number of hours in each box)	All Aircraft	This Make & Model	Single Engine	Airplane Multiengine	Night	Actual	Simulated	Rotorcraft	Glider	Lighter Than Air
Total Time	9300	110	2200	7100						
Pilot in Command (PIC)	7800	110	2000	5800						
Time as Instructor										
This Make/Model										
Last 90 Days	85	35	35	50						
Last 30 Days	30	10	10	20	_					

"FLIGHT CREWMEMBER 2" INFORMATION										
"Flight Crewmember 2" Responsibilities at the Time of Accident/Incident OPilot OCo-Pilot OStudent Pilot OFlight Instructor OCheck Pilot OFlight Engineer OOther Flight Crew										
"Flight Crewmember 2" v	vas pilot flying 🔲 🗅	Yes □N	o							
"Flight Crewmember 2" I	dentification									
First Name: City of Residence:										
Middle Initial:										
Last Name:										
	f Accident/Incident:									
			ficate Numbe				2222			
Degree of Injury	Seat Occupied		110000		estraint T	'vpe			nflatable R	estraints
O None O Fatal	O Left	O Front	O Unknown		Availab		Used			
O Minor O Unknown O Serious		ORear OSingle			O None		O None		☐ Not Inst	alled
		Osingle			O Lap		O Lap only	y	☐ Installed	
Pilot Certificate(s) (Check ☐ None ☐ Fligh	att Instructor	.m.o.moio1	☐ US Milit	tom	O 3-po O 4-po		O 3-point O 4-point		☐ Not Dep ☐ Deploye	
☐ Private ☐ Recre		merciai ne Transport		tary	O 5-po	int	O 5-point		Unknow	
☐ Student ☐ Spor	t ☐ Fligh	ht Engineer			O Unkı	nown	O Unknow	vn		
Principal Occupation	Medical Certificate			M	edical Ce	rtificate Va	lidity	1	Date of Las	t Medical
O Pilot	O None O Cla					mitations/waiv	-	nknown	2 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	
O Other	O Class 1 O Dri	iver's Licenso	e (Sport Pilot o	nly) O	With limit	ations/waivers			(11/	
O Unknown	<u> </u>	known		0	Special Iss	suance			mm/dd/yy	yy
Medical Certificate Limit	ations									
Medical Certificate Specia	al Issuance									
Miculai Cortificate Specia	ii issuuree									
Date of Last Flight Review	w	Flight B	Review Aircra	oft.						
or Equivalent, Including	•									
FAR 121/135 Checks:	/11/	-								
A:1 D-4:(-)	mm/dd/yyyy Other Aircraft Ra	Model: _		- 4 D - 4: (·-> 1	I	D - 4'(-)			
Airplane Rating(s) (Check all that apply)	(Check all that apply	0 ()	(Check all t		(S)	Instructor (Check all th	0 ()			
☐ None	□ None	,	None	nai appiy)		□ None	ai appiy)		Instrument A	irplane
☐ Single-Engine Land	☐ Airship		☐ Airplane			☐ Airplane		ne 🗆	Instrument H	
☐ Single-Engine Sea☐ Multiengine Land	☐ Balloon ☐ Glider		☐ Helicopt			☐ Airplane ☐ Gyroplan			Helicopter Glider	
☐ Multiengine Sea	☐ Gyroplane					☐ Powered			Sport	
	☐ Helicopter☐ Powered Lift									
Type Ratings			1			Student Er	ıdorsement	t s (Include de	ates)	
			Airplane					1	<u> </u>	
Flight Time (Enter appropr	'*** ***	nis Make	Single	Airplane			rument 	l _		Lighter
number of hours in each box)	Aircraft &	z Model	Engine	Multiengine	e Night	Actual	Simulated	Rotorcraft	Glider	Than Air
Total Time										
Pilot in Command (PIC) Time as Instructor										
This Make/Model										
Last 90 Days										
Last 30 Days										
Last 24 Hours										

ADDITIONAL FLIGHT CREWMEMBERS (Exclusive of cabin crew, complete the following information)									
Crew Name and Add	ress						Seat Occupie	d	Injury
Middle Initial:	City of Residence: Middle Initial: State: ZIP: Last Name: Country:						O Left O Center O Right	O Front O Rear O Single O Unknown	O None O Minor O Serious O Fatal O Unknown
Pilot Certificate(s) (C None Private Student Type Rating/Endorse Accident/Incident Air	Flight Instructor Recreational Sport	☐ Airl		oort		hrs	Restraint Ty Available O None O Lap Only O 3-point O 4-point O 5-point O Unknown	Vsed O None O Lap Only O 3-point O 4-point O 5-point O Unknown	Inflatable Restraints Not Installed Installed Not Deployed Deployed Unknown
								d	Injury
Crew Name and Address First Name: City of Residence: Middle Initial: State: Last Name: Country:					ZIP:		Seat Occupie OLeft OCenter ORight	O Front O Rear O Single O Unknown	O None O Minor O Serious O Fatal O Unknown
Pilot Certificate(s) (C None Private Student Type Rating/Endorse Accident/Incident Air	Flight Instructor Recreational Sport ment for craft?	□ Airl □ Flig □ No	of this A	oort	t the Time dent:		Restraint Ty Available O None O Lap Only O 3-point O 4-point O 5-point O Unknown	Vsed O None D Lap Only S-point O 4-point O 5-point Unknown	Inflatable Restraints Not Installed Installed Not Deployed Deployed Unknown
PASSENGER(S) /	OTHER PERSO	NNEL (I	nclude c	abin crew; c	ontinue on s	eparate shee	t if necessary)		
Name and Address				Seat	Injury	Restraint T	ype	Inflatable Restraints	Age
First Name:Middle Initial: Last Name:	State:	ZIP:	<u> </u>	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	Used O None O Lap Only O 3-point O 4-point O 5-point O Unknown	□ Not Installed □ Installed □ Not Deployed □ Deployed □ Unknown	☐ Under 5 years If Under 5, O Child Restraint O Lap-Held O 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 O None O Lap Only O 3-point O 4-point O 5-point O Unknown	Used O None Lap Only 3-point 4-point 5-point Unknown	□ Not Installed □ Installed □ Not Deployed □ Deployed □ Unknown	☐ Under 5 years
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	Used O None Lap Only O 3-point O 4-point O 5-point O Unknown	Not Installed Installed Not Deployed Deployed Unknown	☐Under 5 years
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	Used ONone OLap Only O 3-point O 4-point O 5-point	□ Not Installed □ Installed □ Not Deployed □ Deployed □ Unknown	☐ Under 5 years

FLIGHT ITINERARY	/ INFORMATIO	N						
Last Departure Point	Tin	e of Departure	Destination	on		Type Fligh	ıt Plan F	iled
Airport ID: KRTS			Airport ID:	KRTS		None		O VFR/IFR
City: Reno	Tim	e:	City: Ren	0		O Company		O IFR
State: Nevada	Tim	e Zone: MST	State: Nev			O Military O VFR	VFK	O Unknown
Country: USA	-		Country: L			_	OYes	ONo OUnknown
Type of ATC Clearance/S	ervice (Check all that	annly)				l		
✓ None	☐ Special VFR	☐ Spe	ecial IFR		☐ VFR Flight Foll		☐ Cruis	
	☐ IFR		R On Top		☐ Traffic Advisor	У	☐ Unkr	nown / NA
Airspace where the accide				4 (404)			Altitu	de of In-Flight
☐ Class A ☐ Class B	☐ Class G☐ Demo Area		itary Operations port Advisory A		✓ Special Air Traffic Cont	rol Area	Occur	rence:
	☐Warning Area		Training Area		Unknown		600	00 ft msl
Class D	Prohibited Area							
	Restricted Area	□ FA						
WEATHER INFORM		E ACCIDEN	T/INCIDEN	ı				
Source of Pilot Weather I (Check all that apply)	nformation				servation Facility			
☐ National Weather Service	☐ Cor	ากลทุง		Facility ID:				
☐ Flight Service Station	☐ Mil			Observation Ti	me:			
☐ TV/Radio	☐ Inte			Time Zone:				
☐ Automated Report☐ Commercial Weather Servi	□ Nor ce (DUATS) □ Unk				Accident Site:			
On-Board Weather		inown		Direction from	Accident Site:		degrees	true
Basic Conditions		Light Conditi	ion					
⊙ VMC		ODawn	O Dusk	O Dark		nknown		
OIMC		⊙ Day	O Night	O Brigi	ht Night			
O Unknown					1			
Sky/Lowest Cloud Condit		Ceiling		01 1	Temperature:		(C) or _	(F)
⊙ Clear⊙ Few	O Thin Broken O Thin Overcast	O None (Clear) O Broken		Obscured Indefinite	Dew Point:	(C	C) or	(F)
O Partial Obscuration	O Unknown	O Overcast	_	Unknown				
O Scattered					Altimeter Sett	or		
Lowest Cloud Condition	_	Ceiling Heigh	t			OI		
	ft agl			ft agl				
Wind Direction	Wind Speed		Wind Gusts	l	Visibility	CAVU	miles	-
☐ Variable	∠ Calm		☐ Not Gustin	ng	DAND			
	Light and Vari	able	_			:		
-or-	-or-		-or-		RVV		miles	
Direction:degrees tru		kts	Speed:	kts	Density Altitu			_ ft
Intensity of Precipitation	Type of Precipi				Restriction to	• ,		nat apply)
O Light	None	Drizzle	☐ Freezin☐ Snow S	g Rain	✓ None ☐ Blowing Du	Let D	Fog Ground Fo	ng.
O Moderate O Heavy	□ _{Rain} □ _{Snow}	☐ Ice Pellets☐ Snow Pellet			☐ Blowing Sa		Haze	B
ON/A	Hail	☐ Snow Grain	ıs 🗖 Freezin		☐ Blowing Sn	iow 🔲 I	ce Fog	
O Unknown	☐ Rain Showers	☐ Ice Crystals			☐ Blowing Sp☐ Dust		Smoke Unknown	
		1			1	<u></u>	JIKHOWII	
Icing Forecast Amount Type		Icing Actual Amount	Т		Turbulence	11.1 . 1)	G	
Amount Type O None O N/A		O None	Type O N/A		Type (Check a ☐ None	н тат арріу)		verity Light
O Trace O Rime		O Trace	O Rime		☐Clear Air			Moderate
O Light O Clear O Moderate O Mixe		O Light O Moderate	O Clear O Mixe		☐ Terrain-Ind		_	Severe Extreme
O Moderate O Mixe O Severe O Unkn		O Severe	O Mixe		Convective	1 urbulence	ы	Extreme
O Unknown		O Unknown						
NOTAMs (D and FDC)	, AIRMETs. SIG	METs. PIREP	s in effect at	the time of th	ne accident/inci	dent:		
\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	,,	,						

	ID OTHER DO	22577		
DAMAGE TO AIRCRAFT AN		DPERTY		
Aircraft Damage	Aircraft Fire	6 5.46.4.45.50.4	Aircraft Explosion	
O None O Substantial O Minor O Destroyed	O None O In-Flight	O Both Ground and In-Flight O Fire at Unknown Time	O None O In-Flight	O Both Ground and In-Flight O Explosion at Unknown Time
O Unknown	On-Ground	O Unknown	On-Ground	O Unknown
Description of Damage to Aircraft an	ıd Other Property			
Minor scratches on the left wing. Mi	nor damage to the	propeller blades		
William conditioned on the foll Willig. Wil	ior damago to trio	proponer bladee.		
NA 55 A 51 / 5 LUGS 50 N 65 5 L				
NARRATIVE HISTORY OF FLIC		·	2 11 " 11	- "
Describe what occurred in chronolog wreckage distribution sketch if pertine				
destination. Provide as much detail as		ts if needed. State departure time and	and location, services	s obtained, and intended
We were getting lined up in line abr power and start a slight bank to the				
my left and I collided. I had slowed				
point I pitched up and rolled to the r			ingup and anoron o	
After verifying that the other aircraft	was back in contro	l and able to land, I performed a	quick controlability cl	neck and landed on runway
26 without further incident.				

RECOMMENDATION (How	could this	accident/incident ha	ve been pre	vented?)			
Operator/Owner Safety Recomm	endation						
Include the line abreast formation more time to stabilize	tion with 9 a	aircraft training in th	ne pylon rac	ing schoo	ol. Make the tu	rn to the chute long	ger and wider to give
more time to stabilize							
MECHANICAL MALFUN	ICTION/I	FAILURE (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
FUEL & SERVICES INF	ORMATI	ON					
Fuel on Board at Last Takeoff (Convert from pounds, as necessary)		Fuel Type O 80/87	O 115/145		O Jet B	O Other, specify	
14	Gallons	• 100 Low Lead • 100/130	O Jet A O Jet A-1		O JP8 O Automotive	O Other, speerly	
Other Services, if Any, Prior to	Departure		O JCt A-1		O Automotive		
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	iny occupants	s evacuate	d each location		
OTHER AIRCRAFT – C	OLLISIO	N (If air or ground	collision occ	urred, co	mplete this sec		
Aircraft Registration Number		urer:					mage to Other Aircraft Destroyed
D							Substantial None
Registered Owner of Other Air					Other Aircraft		
Name:				City:			
State: ZIP:				State:		ZIP:	

ADDITIONAL INFORMATION (Please type or print in ink)								
Use this space if addi	tional space	is needed for any answers.						
I HEREBY CERTIF	Y THAT TH	IE ABOVE INFORMATION IS COMPLE	ETE AND ACCURATE TO THE BEST OF I	MY KNOWLEDGE				
Date of this Report	Name of l	Pilot/Operator: Mark ter Keurs						
11/262017		:		<u></u>				
mm/dd/yyyy		✓ Check here to electronically sign this of						
10 D OI I								
	_	erator is Filing Report						
or 🔲 C	heck here to	electronically sign this document						
		FOR NTSB (USE ONLY					
NTSB Accident/Incident	dent No.	Reviewed by NTSB Regional Office	Name of Investigator	Date Report Received				
WPR17LA209		WPR	Joshua Cawthra	11/28/17				