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.

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

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						
Nearest	City/Place: Lake	Berryessa			_ State: C	CA	Date	e: <u>05/</u> 0	08/2017	Lo	cal Time:	0908	
ZIP: <u>9</u> 4	558 (Country: Uni	ted States						d/yyyy		~ -	DDT	
Latitude	34:32:27 N		Longitude: 122:	08:34 W						T1:	me Zone: _	וטי	
	(Enter in decima	l degrees or a	legrees:minutes:sec	conds)			Col	lision with	Other Air	craft: C) Midair	OOn-groun	d O None
AIRC	RAFT INFO	RMATIO	N										
Registr	ation Number:	N184BA] IFR-Equip] Commerci					
Manuf	acturer: <u>Icon A</u>	vircraft						Unmanne	-	gnı			
Model:	<u>A5</u>						Ma	ximum Gr	oss Weigh	t: <u>1510</u>		lbs	
Serial I	Number: ASNO	00007					We	eight at Tin	ne of Accid	lent/Inci	dent: <u>146</u>	30	lbs
Year of	Manufacture:	2016					Nu	mber of Se	eats: 2		Flight Cre	w Seats: 2	
Amate			OKit/Plans Mal	ke:							Passenger	Seats: 0	
	⊙ No		Original Design		- 1			mber of E	ngines: 1	1			
	ry of Aircraft	Type of A (Check all t	irworthiness Ce	rtificate		Landing Ge		- I \			e Type (Se		1 D14
AirplBallo		Standar				(Check all tha		oty) ictable		Reci	procating o Shaft	O E iqui O Solid	d Rocket Rocket
	o/Dirigible	☐ Norma	al 🗖 Restric			Tricycle	rcuu		ailwheel	O Turb			id Rocket
OGlide OGyro		☐ Aerob ☐ Balloo								OTurb		ONone	
OHelic		☐ Comm				☑ Amphibia ☐ Emergence			ligh Skid kid	O Turb O Elec		O Unkn	own
O Powe	red Lift	Transp	oort 🔲 Experii	mental		Float	, y 110	uu ⊟s		OFFICE	uiic		
ORock OUltra		☐ Utility		Light-Spo		✓ Hull		□s	ki/Wheel	Fuel Sy	stem Type	(Reciprocativ	ng)
OUnkr			=	mental Light-Sport Other Laur		ınch/I	Recovery Sy	stem	O Carb	uretor	⊙ Fuel-	Injected	
		☐None	e of Authorization	or Waiver Unknown	(COA)	■ None		Πſ	Jnknown				
								Date	Rated Pow		Total	Time	
Engine	Engine Manufa	cturer	Engine Model/Series			acturer's Number		of Mfg. mm/dd/yyyy	O Horsen		Time (hours)	Inspection (hours)	Overhaul (hours)
Eng. 1	Rotax	cturer	912 iS Sport		770301		_	12/05/2012	100	I III ust	182.2	4.3	(Hours)
Eng. 2						-	1						
Eng. 3													
Eng. 4													
Last I	spection Type			Propell	er 1	●Fixed P ○Control		Pitch	Prop	eller 2	_	Fixed Pitch Controllable I	Pitch
O 100-H	our O Cont	inuous Airwo	orthiness				Adjustable OGround Adjust						
OAAIP		litional Inspe	etion	Manufac	turer:	Sensenich	Manufacturer:						
O Annu			0.4.7	Model:	3B0R5-	L68C			Mode	el:			
Date L	ast Inspection:	05/05/2 mm/dd/yy		ELT In	stalled:	⊙ Yes ○	No				ipment (Check all that	t apply)
Airfran	ne Total Time:		hrs	If Yes:					□ AD	S - B frame Para	ahuta		
hou	rs measured at (S	elect one)				er: <u>ACK</u>					ck Indicato	r	
OI	ast Inspection	Time of A	ccident/Incident			.: <u>E-04 ELT</u>) C01:	a (121.5 MH	_\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	opilot			
Type of Maintenance Program (Select one) TSO No.: © C91 (121.5 l					, C) 1	a (121.5 WH)	L Dat	a Recorde		Handheld De	vice		
O Annual Was ELT still mount				unted in aircra	ft?	⊙ Yes ○ No	— —		ltifunction				
O Conditional (Amateur-built only) O Manufacturer's Inspection Program Was ELT					nected to anter			o □Elec		mary Fligh	t Display		
O Other Approved Inspection Program (AAIP)						? ⊙ Yes Oì	No			idheld GP: ids Up Dis			
	nuous Airworthin			If active		anatina At	er. ~	Nos ON	□Onb	oard Wea	ther		
	, specify: 100 F		<u> </u>	{		ocating Aircra	ıı: @	PIES ONG			king Device	:	
Descrip O None	otion of Fire Ex	tinguishing	System	If not ac Indicate	ctivated: Reason:	☐ Impact Dar	mage			 Warning Record 	System ing Device		
O Spec						Fire Damag				er, Specify			
						☐ Battery Ex		/Damaged					
						□Unknown							

OWNER/OPERATOR INFORMA	ATION			
Registered Aircraft Owner		City: Portland		
Name: Kurt Parker		State: WA	ZIP: <u>98104</u>	
Fractional Ownership Aircraft: O Yes C	No	Country: USA		
Operator of Aircraft	gistered Owner	☐ Same Address as Registered Own	er	
Name: Icon Flight Center Norcal		City: Vacaville		
		State: <u>CA</u>	ZIP: <u>94558</u>	
Air Carrier/Operator Designator (4 Charact	er Code):	Country: USA		
Operating Certificates Held (Check all that apply)	Regulation Flight Conducted Un			
□ 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 6 OFAR 103 OFAR 133 OFAR 6 OFAR 121 OFAR 135 OFAR 6 OFAR 125 OFAR 137 OFAR 6 OFAR 91 Special Flight O Non-US, Commercial O Non-US, Non-commercial	O Non-Scheduled or Air Taxi Non-Scheduled or Air Taxi	O Domestic O 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	OPublic Aircraft (Select one) OArmed Forces	Purpose of Flight for FAR 91, (Select one) O Aerial Application O Firet O Aerial Observation O Fligh O Air Drop O Glidh O Air Race/Show O Instruction O Business O Person O Executive/Corporate O Position	ghting O Unknown Test r Tow ctional Work Use nal	
Revenue Sightseeing Flight	Air Medical Flight	O External Load O Skyo		
O Yes O No	O Yes O No	Oreny		
AIRPORT INFORMATION (Fill in	if accident/incident occurred on any	proach landing takeoff departure or	within 3 miles of an airport)	
Airport Name:		Distance From Airport Center:		
Airport Identifier: Proximity to Airport: O Off Airport/Airstri		Direction From Airport:		
On Anport.	p Oon Anpon/Ansurp On/A	Airport Elevation:	ft. msl	
Runway Information		Condition of Runway/Landing Surf	ace (Check all that apply)	
Runway ID:(L/R/C) Length: Runway/Landing Surface (Check all that all that all the concrete Gravel Metal Metal Dirt Gravel Snow	ndam	□ Dry □ Snow-Compac □ Holes □ Snow-Crusted □ Ice Covered □ Snow-Dry □ Rough □ Snow-Wet □ Rubber Deposits □ Soft □ Slush-Covered □ Vegetation	eted	
Approach/Departure Segment (Select one)			
OTaxi OVFR Departure OTakeoff OIFR Departure Proc OInitial Climb	OOn Instrument Appedure/Clearance OLanding	OBase OGo Ai	ed Landing (after touchdown)	
IFR Approach (Check all that apply) □None		VFR Approach (Check all that apply) □None		
□ ADF/NDB □ PAR □ Sidestep □ VOR/TVOR □ ILS □ VOR/DME □ Localizer Only □ TACAN □ LOC-back course □ RNAV	□MLS □Practice □LDA □GPS □ASR □Visual □Contact □Circling □Unknown	☐ Traffic Pattern ☐ Straight-In ☐ Valley/Terrain Following ☐ Go Around ☐ Full Stop	☐ Stop and Go ☐ Touch and Go ☐ Simulated Forced Landing ☐ Forced Landing ☐ Precautionary Landing ☐ Unknown	

"FLIGHT CREWMEMBER 1" INFORMATION											
"Flight Crewmember 1" Responsibilities at the Time of Accident/Incident ● Pilot O Co-Pilot O Student Pilot O Flight Instructor O Check Pilot O Flight Engineer O Other Flight Crew											
"Flight Crewmember 1" was pilot flying ☑Yes ☐ No											
"Flight Crewmember 1" Idei	ntification										
First Name: <u>Jon</u>		idence: V	acaville								
Middle Initial: M State: CA ZIP: 95688											
Last Name: Karkow					Сс	ountry: _	US				
Age at time of A	Accident/Inciden	nt: <u>55</u>	Date of B	irth:		1962		m/dd/yyyy			
		C	ertificate Num	ıber:							
Degree of Injury	Seat Occupie	ed]	Resti	raint Typ	oe .]	Inflatable F	Restraints
O None O Fatal O Minor O Unknown O Serious	O Left O Right O Center	O Front O Rear O Single	O Unknov	vn		vailable O None O Lap onl		Used O None O Lap only	y	✓ Not Inst	
Pilot Certificate(s) (Check all	that apply)					⊙ 3-point	•	⊙ 3-point	ĺ	☐ Not De _l	oloyed
□ None □ Flight In □ Private □ Recreation □ Student □ Sport	onal 🔲 A	ommercial irline Transpo light Enginee				O 4-point O 5-point O Unknov		O 4-point O 5-point O Unknov	vn	□ Deploye □ Unknov	
Principal Occupation M	ledical Certifica	ite]	Medi	ical Certi	ificate Va	lidity		Date of Las	t Medical
O Other	Class 1	Class 3 Driver's Lice Unknown	ense (Sport Pilot	only)	ŎW:		tations/waiv ons/waivers ince		nknown /A	_11/15/20 ² mm/dd/yy	
Medical Certificate Limitation	ons										
Must wear corrective lenses.											
Medical Certificate Special Is N/A	ssuance										
Date of Last Flight Review		Flight	t Review Airo	raft							
or Equivalent, Including FAR 121/135 Checks:	04/23/2016	Make:	ICON								
FAR 121/155 CHECKS:	mm/dd/yyyy	— Model	: A5								
Airplane Rating(s)	Other Aircraft	Rating(s)	Instrum	ent Ratin	ıg(s)		Instructo	r Rating(s)			
(Check all that apply)	(Check all that ap	pply)	(Check al	l that apply	v)		(Check all i	that apply)			
☐ None ☐ Single-Engine Land	☐ None ☐ Airship		☐ None ☐ Airpla	ne			✓ None	e Single-Engi	ine [Instrument I	
✓ Single-Engine Sea	☐ Balloon		☐ Helico					e Multi-Engir	ne \Box	Helicopter	rencopter
✓ Multiengine Land✓ Multiengine Sea	☑ Glider ☐ Gyroplane		☐ Power	ed Lift			☐ Gyropla☐ Powered			Glider Sport	
Municipalic Sca	✓ Helicopter						_ rowered	a LIII	_	Sport	
T. D.	☐ Powered Lift						C. L. J.	, ,	4 (7 1 1	T	
Type Ratings								naorsemer	its (Include o	dates)	
None						1	N/A				
Flight Time (Enter appropriate	All	This Make	Airplane Single	Airplan	ne		Insti	rument			Lighter
number of hours in each box)	Aircraft	& Model	Engine	Multieng		Night	Actual	Simulated	Rotorcraft	Glider	Than Air
Total Time	4,506	595	3,678		693	282	110	60	103		
Pilot in Command (PIC)	4,317	595	3,600	6	000	250	100	50	90		
Time as Instructor	0	0	0		0	0	0	0	0		
This Make/Model Last 90 Days	23	2	23		0	0	0	0	0		
Last 90 Days Last 30 Days	13	1	13		0	0	0	0	0		
Last 24 Hours	1	0	1		0	0	0	0	0		

"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 Other Flight Crew										
"Flight Crewmember 2" was pilot flying ☐ Yes ☐ No										
"Flight Crewmember 2" I	dentification									
First Name: City of Residence:										
Middle Initial:	<u>-</u>				State:		Z	IP:		
Last Name:										
	of Accident/Incident:									
			ficate Numbe							
Degree of Injury	Seat Occupied				estraint T	ype			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
	l	Single			O Lap		O Lap only O 3-point	y	☐ Installed ☐ Not Dep	
Pilot Certificate(s) (Check ☐ None ☐ Fligh	nt Instructor	mercial	☐ US Mili	tarv	O 4-po		O 4-point		Deploye	
☐ Private ☐ Recr		ine Transport		tary	O 5-po		O 5-point		☐ Unknow	'n
☐ Student ☐ Spor	t ☐ Fligh	ht Engineer			O Unki	nown	O Unknow	^{/n}		
Principal Occupation	Medical Certificate			H _M	ledical Ce	rtificate Va	lidity	1	Date of Las	t Medical
O Pilot	O None O Cla					mitations/waiv	-	nknown		
O Other			e (Sport Pilot o			ations/waivers	O N	/A	mm/dd/yy	
O Unknown	<u> </u>	ıknown			Special Iss	suance			mm/aa/yy	yy
Medical Certificate Limit	ations									
Medical Certificate Specia	al Issuance									
Date of Last Flight Review	N .	Flight R	Review Aircra	aft						
or Equivalent, Including										
FAR 121/135 Checks:	mm/dd/yyyy	Model:								
Airplane Rating(s)	Other Aircraft R		Instrumer	nt Rating	(s)	Instructor	Rating(s)			
(Check all that apply)	(Check all that apply	0 ()	(Check all t	_	(3)	(Check all th	0 ()			
None	None		□None			☐ None			Instrument A	
☐ Single-Engine Land☐ Single-Engine Sea	☐ Airship ☐ Balloon		☐ Airplane ☐ Helicopt			☐ Airplane ☐ Airplane			Instrument H Helicopter	elicopter
☐ Multiengine Land	☐ Glider		Powered			☐ Gyroplan	e		Glider	
☐ Multiengine Sea	☐ Gyroplane ☐ Helicopter					☐ Powered	Lift		Sport	
	☐ Powered Lift									
Type Ratings						Student Er	idorsement	t s (Include de	ates)	
FIGURE CO			Airplane			Inch	rument	l		
Flight Time (Enter appropr number of hours in each box)	1 1	his Make & Model	Single Engine	Airplane Multiengin			Simulated	Rotorcraft	Glider	Lighter Than Air
Total Time	i in cruit		Light		.,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	Actual	Simulateu	223.07.67411	Since	2 2000 1311
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 Addr	·ess						Seat Occupie	ed	Injury	
Middle Initial:	First Name: 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) (Check all that apply) None					Restraint Tyl Available O None O Lap Only O 3-point O 4-point O 5-point O Unknown	pe: Used 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			
Crew Name and Addr	220						Seat Occupie	Injury		
First Name:	_	State:			ZIP:		OLeft OCenter ORight	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 Private Recreational Airline Transport Foreign Student Sport Flight Engineer Type Rating/Endorsement for Total Flight Time at the Time Accident/Incident Aircraft? Yes No of this Accident/Incident: hrs					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 PERSOI	NNEL (In	nclude c	abin crew; c	ontinue on se	eparate shee	t if necessary)			
Name and Address				Seat	Injury	Restraint T	уре	Inflatable Restraints	Age	
First Name: Cagri Middle Initial: Last Name: Sever OCrew	State: MI 2	ZIP: <u>48103</u>	_	●Left OCenter ORight OUnknown Row:	O None O Minor O Serious O Fatal O Unknown	Available O None O Lap Only ③ 3-point O 4-point O 5-point O Unknown	3-point4-point5-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: 2	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	O 3-point O 4-point O 5-point	□ Not Installed □ Installed □ Not Deployed □ Deployed □ Unknown	☐ Under 5 years	
First Name: Middle Initial: Last Name: OCrew	State: 2	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	O 3-point O 4-point O 5-point	□ Not Installed □ Installed □ Not Deployed □ Deployed □ Unknown	☐Under 5 years	
First Name: Middle Initial: Last Name: OCrew	State: 2	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	□ Not Installed □ Installed □ Not Deployed □ Deployed □ Unknown	☐ Under 5 years	

FLIGHT ITINERARY	INFORMATIO	N					
Last Departure Point	Tim	e of Departure	Destination	on		Type Fligh	nt Plan Filed
Airport ID: KVCB	Time	0850	Airport ID:	Airport ID: KVCB			O VFR/IFR
City: Vacaville		e: <u>0850</u>	City: Vac	aville		O Company O Military	
State: CA	Time	e Zone: PDT	State: CA			O VFR	VI R O Olikilowii
Country: USA			Country: L			Activated?	OYes ONo OUnknown
Type of ATC Clearance/Sea	rvice (Check all that	apply)					
□ VFR □	Special VFR IFR	□ VF	ecial IFR R On Top		□ VFR Flight Foll□ Traffic Advisory		☐ Cruise ☐ Unknown / NA
☐ Class B ☐ Class C ☐ Class D ☐	nt/incident occurred Class G Demo Area Warning Area Prohibited Area Restricted Area	□ Mil □ Air	itary Operations port Advisory A Training Area SA		□ Special □ Air Traffic Cont □ Unknown	rol Area	Altitude of In-Flight Occurrence: ft msl
WEATHER INFORMA	ATION AT THE	ACCIDEN.	T/INCIDEN	IT SITE			
Source of Pilot Weather In	formation			Weather Obs	servation Facility		
(Check all that apply)	- -			Facility ID: KO	CANAPA84		
☐ National Weather Service☐ Flight Service Station	□ Com □ Mili			Observation Tir	ne: <u>0910</u>		
☐ TV/Radio	☐ Inter	met		Time Zone: P	DT		
☐ Automated Report ☐ Commercial Weather Service	Non			Distance from A	Accident Site: 3		nm
On-Board Weather	e (DUATS)	nown		Direction from	Accident Site: 230)	degrees true
Basic Conditions		Light Conditi	ion	I			
⊙ vmc		ODawn	O Dusk	O Dark	Night OUr	known	
OIMC		⊙ Day	O Night	O Brigh	nt Night		
O Unknown							
Sky/Lowest Cloud Condition		Ceiling		01 1	Temperature:		(C) or <u>66</u> (F)
	O Thin Broken O Thin Overcast	O None (Clear) O Broken		Obscured Indefinite	Dew Point:	(C	C) or <u>42</u> (F)
	O Unknown	O Overcast	_	Unknown			
O Scattered					Altimeter Sett	or	
Lowest Cloud Condition H	_	Ceiling Heigh	t			or	ND
	ft agl	-		ft agl			
Wind Direction	Wind Speed		Wind Gusts	}	Visibility	10+	miles
☐ Variable	☐ Calm		☐ Not Gustin	ng	DVD	:	_
	Light and Varia	able	_				
-0r-	-or- Speed: 5	1.eeo	-or-	1.4-		:	miles
Direction: 330 degrees true		kts	Speed: 6	kts	Density Altitu		ft
Intensity of Precipitation	Type of Precipit					•	Check all that apply)
O Light O Moderate	☑ None □ Rain	☐ Drizzle☐ Ice Pellets	☐ Freezin☐ Snow S		✓ None ☐ Blowing Du	ıst 🗖 E	og Ground Fog
O Heavy	Snow	Snow Pellet			☐ Blowing Sa	nd 🔲 I	Haze
⊙ N/A	Hail	☐ Snow Grain		ng Drizzle	☐ Blowing Sn	ow 🔲 I	ce Fog
O Unknown	☐ Rain Showers	☐ Ice Crystals			☐ Blowing Sp☐ Dust		Smoke Unknown
Icing Forecast		Icing Actual			Turbulence		
Amount Type		Amount	Type		Type (Check a	ll that apply)	Severity
● None ● N/A		None	⊙N/A		✓None	11 0/	Light
O Trace O Rime		O Trace O Light	O Rime		☐ Clear Air ☐ Terrain-Indi	iced	☐ Moderate ☐ Severe
O Light O Clear O Moderate O Mixed		O Moderate	O Clear O Mixe		☐ Convective		□ Severe □ Extreme
O Severe O Unknow		O Severe	O Unkr				
O Unknown		O Unknown					
NOTAMs (D and FDC),	AIRMETs, SIGN	METs, PIREP	s in effect at	the time of th	e accident/inci	dent:	
none	,						

DAMAGE	TO AIDODAET AI	UD OTHER RD			
	TO AIRCRAFT A		PERIY		
Aircraft Dar		Aircraft Fire		Aircraft Explosion	
O None O Minor	O Substantial O Destroyed	NoneIn-Flight	O Both Ground and In-Flight O Fire at Unknown Time	NoneIn-Flight	O Both Ground and In-Flight O Explosion at Unknown Time
O ivinioi	O Unknown	On-Ground	O Unknown	On-Ground	O Unknown
Description	of Damage to Aircraft a	nd Other Property			
_	_	nd other rroperty	(Ose additional sheet y necessary)		
Total aircraf	LIOSS				
NARRATIV	E HISTORY OF FLI	GHT (Please type o	r print in ink)		
			g circumstances leading to and nat		
			ets if needed. State departure time and	and location, services	s obtained, and intended
destination.	Provide as much detail as	possible.			
At approxim	ately 0850 PDT on 8 M	ay 2017, ICON A5	Tail number N184BA departed K\	/CB on an employee	demonstration flight. The
profile was t	o fly VFR from Nutree a		yessa, conduct water maneuvers		
scheduled to	be 1 hour.				
Δt annrovim	ately 0910 PDT ICON	aircraft received a r	phone call from Travis AFB that th	ev had received an l	ELT heacon At that point
			assist the A5 flown by two ICON i		
			essa and began trying to assist ir		

RECOMMENDATION (How could this	accident/incident h	ave been prevented?	?)		
Operator/Owner Safety Recommendation					
MECHANICAL MALFUNCTION/	FAILURE (If mo	re space is needed,	continue on sepa	rate sheet)	
Was there Mechanical Malfunction/Failur (If yes, list the name of the part, manufacturer, par		scribe the failure.)			Total Time/Cycles On Part
					Hours
					Cycles
					Cycles
					Time Since This Part
					Inspected/Overhauled
					Hours
FUEL & SERVICES INFORMATI	ON				
Fuel on Board at Last Takeoff	Fuel Type				
(Convert from pounds, as necessary)	O 80/87 O 100 Low Lead	O 115/145 O Jet A	O Jet B O JP8	Other, specify Mo	ogas
Gallons	O 100/130	O Jet A-1	O Automotive		
Other Services, if Any, Prior to Departure	:				
EVACUATION OF AIRCRAFT					
	c. c 10				
Was an emergency evacuation of the aircr		☐ Yes ☑ No	. 1 11 2		
Method of Exit – Describe how the occupan	its exited and now m	any occupants evacua	ated each location		
OTHER AIRCRAFT – COLLISIO	${\sf N}$ (If air or ground	collision occurred,	complete this sec		•
Aircraft Registration Number Manufact	urer:				age to Other Aircraft
Model:					estroyed
Registered Owner of Other Aircraft		Pilot	of Other Aircraft	_	
Name:		Name	:		
City:		City:			
State: ZIP:ZOuntry:		State:		_ZIP:	
			· 」 ·		

ADDITIONAL INF	ORMATIC	ON (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 ACCU	JRATE TO THE BEST OF I	MY KNOWLEDGE
Date of this Report	Name of 1	Pilot/Operator:			
05/11/2017	Signature	:			
mm/dd/yyyy	or	☐ Check here to electronically sign this of	locument		
If a Person Other tha	ı an Pilot/Op	erator is Filing Report			
Name: Matthey	_			Title: ICON Aviation	Safety Manager
				<u>-</u>	
		electronically sign this document		_	
		FOR NTSB (ISE ONLY		
NTSB Accident/Incid	dent No.	Reviewed by NTSB Regional Office	Name of Inves	tigator	Date Report Received
WPR17FA101		WPR		CAWTHRA	5/12/17