# 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.
- "Operator" means any person who causes or authorizes the operation of an aircraft, such as the owner, lessee, or bailee of an aircraft.
- "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

BASIC INFORMATION													
Accide	nt/Incident Loc	ation					Accident/Incident Date/Time						
Nearest	City/Place: Lee's	s Summit			State: N	MO	Dat	te: 05/1	19/2020	Lo	cal Time:	1645	
ZIP: 64	064 0	Country: Jac	kson					mm/de		17 000			
Latitude	N38.57.5		Longitude: W09	4.22.3						Tu	me Zone:	Central	
	(Enter in decima	l degrees or a	legrees:minutes:sec	conds)			Co	llision with	Other Air	craft: C	) Midair	Oon-groun	d <b>O</b> None
AIRC	RAFT INFO	RMATIO	N										
Registr	ation Number:	N41LR						☐ IFR-Equip					
Manufacturer: Larry E. Rhoads						☐ Commerci ☐ Unmanned		ght					
Model:	Sopwith Baby	/					M	aximum Gr	oss Weigh	t: <u>1400</u>		1bs	
Serial N	Number: <u>001</u>						W	eight at Tin	ne of Accid	ent/Inci	dent: <u>13</u> 4	15	_lbs
Year of	Manufacture:	2020					Νι	umber of Se	ats: 2		Flight Cre	w Seats: 1	
Amateu	ır-Built: <b>⊙</b> Yes	-	Kit/Plans Mal					bin Crew Seat					
	ONo		Original Design				Νι	umber of En	igines: 1		_		
	ry of Aircraft		irworthiness Ce	rtificate		Landing Ge				Engine	Type (Se		
<ul><li>Airpl</li><li>Ballo</li></ul>		(Check all t				(Check all tha	_	<i>pply)</i> ractable			procating o Shaft	OLiqui OSolid	d Rocket
	on Dirigible	☐ Norma		ted		☐Tricycle	Reu		ailwheel	O Turb		_	id Rocket
OGlide		☐ Aerob						_		O Turb	o Jet	ONone	
O Gyro O Helic		☐ Balloo				☐ Amphibia ☐ Emergenc			igh Skid	O Turb		<b>O</b> Unkn	own
OPowe		Transp				☐ Float	□Ski						
O Rock O Ultra		☐ Utility	☐ Special ☐ Experi			Hull		□S!	ki/Wheel	Fuel Sy	stem Type	(Reciprocativ	ıg)
OUnkn	•	<b>-</b> 0-4:6-4	-	_	- 1	Other Lau	ınch	Recovery Sys	stem	<b>O</b> Carb	uretor	O Fuel-	Injected
		None Certificate	of Authorization	or waiver U <mark>nknown</mark>	(COA)	None		□U	Inknown				
								Date	Rated Pow		Total	Time	
Engine	Engine Manufa	cturer	Engine Model/Series			acturer's Number		of Mfg. mm/dd/yyyy	O Horsep O lbs of		Time (hours)	Inspection (hours)	Overhaul (hours)
Eng. 1	Rotec	cturer	3600		9K1610		_	2016	150				(Hours)
Eng. 2							100						
Eng. 3													
Eng. 4													
Last II	spection Type			Propell	er 1	●Fixed P. ○Control			Prope	eller 2	_	Fixed Pitch Controllable I	Pitch
O100-H	our OCont	tinuous Airwo	orthiness			_	d Adjustable OGround Adjustable						
OAAIP	_	ditional Inspec	ction	Manufac	turer:(	Culver Props	Manufacturer:						
<b>⊙</b> Annu				Model:	86X46				Mode	1:			
Date L	ast Inspection:	31Jan 2 mm/dd/yy		ELT In:	stalled:	⊙Yes O	No		Additio	nal Equ	ipment (	Check all that	apply)
Airfran	ne Total Time:		hrs	If Yes:					✓ AD	S-B rame Para	-14-		
hou	rs measured at (S	'elect one)				er: <u>E</u> BC			. –		ichuie ck Indicato	r	
OI	ast Inspection	<b>⊙</b> Time of A	ccident/Incident			.: <u>EBC-406A</u> (121.5 MHz) <b>C</b>		1a (121 5 MH	Aut				
Type of	Maintenance l	Program <i>(Se</i>	elect one)			(406 MHz)		(	Data	a Recorde tronic Fli		Handheld De	vice
● Annual  Was ELT still mounted in aircraft? ● Yes ONo  □ Electronic Multifunction D						Display							
O Conditional (Amateur-Duilt only)  Was ELT still connected to and				mected to anter	nna?		, Elec	tronic Pri dheld GP	mary Fligh	t Display			
O Other Approved Inspection Program (AAIP)				? <b>O</b> Yes <b>O</b> I	No			ds Up Dis					
	nuous Airworthin r, specify:	ess		If activa		ocating Aircra	ft: (	OYes ONo	. –	oard Wea			
	otion of Fire Ex	tingniching	System		ctivated:			J = 30 0.10	Date	llite Tracl l Warning	cing Device System	;	
O None	e	ngursiiiilg	System	Indicate		☐ Impact Dar	mag	e	□Vide	eo Record	ing Device		
O Spec						☐ Fire Damag	ge		Oth	er, Specify	<b>/</b> :		
						☐ Battery Exp ☑ Unknown	pire	d/Damaged					
						- CHRIOWII							

OWNER/OPERATOR INFORMA	ATION					
Registered Aircraft Owner		City: 1105 Barron Rd				
Name: Emerald Hills Farm LLC		State: MO ZIP: 64083				
Fractional Ownership Aircraft: O Yes O	No	Country: Cass				
Operator of Aircraft	gistered Owner	☑ Same Address as Registered Owner				
Name: Larry E Rhoads		City:				
Doing Business As:		State: ZIP:				
Air Carrier/Operator Designator (4 Characte	er Code):	Country:				
	<u> </u>					
Operating Certificates Held (Check all that apply)	Regulation Flight Conducted Un	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)	OFAR 91 OFAR 129 OFAR OFAR 103 OFAR 133 OFAR OFAR 121 OFAR 135 OFAR OFAR 125 OFAR 137 OFAR OFAR 91 Special Flight	431 O Non-Scheduled or Air Taxi O International				
Commuter Air Carrier (FAR 135)	O Non-US, Commercial	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) □ 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 Aerial Observation O Air Drop O Air Race/Show O Instructional O Banner Tow O Business O Personal O Executive/Corporate O ONA, 133, 137 O Unknown O Unknown O Unknown O Unknown O Unknown O CHEPTON O OPERION				
Davanua Cightasaing Elight	Aiu Madical Elight	O External Load O Skydiving				
Revenue Sightseeing Flight  O Yes  O No	Air Medical Flight ○ Yes	O Ferry				
AIDDODT INCODMATION						
AIRPORT INFORMATION (Fill in	if accident/incident occurred on app	proach, landing, takeoff, departure, or within 3 miles of an airport)				
Airport Name: Lee's Summit MO		Distance From Airport Center: 0.5 sm				
Airport Identifier: LXT		Direction From Airport: 180 degrees true				
Proximity to Airport: O Off Airport/Airstri	p • On Airport/Airstrip ON/A	Airport Elevation: 1004 ft. msl				
Runway Information		Condition of Runway/Landing Surface (Check all that apply)				
Runway ID: 36 (L/R/C) Length: 55  Runway/Landing Surface (Check all that a Grass/Turf Maca Concrete Gravel Meta Snow	npply) idam	☑ Dry       ☐ Snow-Compacted       ☐ Water-Calm         ☐ Holes       ☐ Snow-Crusted       ☐ Water-Choppy         ☐ Ice Covered       ☐ Snow-Dry       ☐ Water-Glassy         ☐ Rough       ☐ Snow-Wet       ☐ Wet         ☐ Rubber Deposits       ☐ Soft         ☐ Slush-Covered       ☐ Vegetation       ☐ Unknown				
Approach/Departure Segment (Select one,	)					
OTaxi OVFR Departure OTakeoff OIFR Departure Proc OInitial Climb	On Instrument Ap	proach ODownwind OLow Approach OBase OGo Around OFinal OAborted Landing (after touchdown) OCrosswind 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 Pattem ☐ Stop and Go☐ Straight-In ☐ Touch and Go☐ Simulated Forced Landing☐ Go Around ☐ Forced Landing☐ Full Stop ☐ Precautionary Landing☐ Unknown☐ ☐ Unknown☐ ☐ Unknown☐ ☐ 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 □ N	No							
"Flight Crewmember 1" Ider	ntification									
First Name: Larry	<del></del>	City of Residence: Raymore								
Middle Initial: E					State: MC		2	ZIP: 64083	3	
Last Name: Rhoads					Country:	Cass				
Age at time of A	Accident/Incide	ent: 72	Date of E	Birth:			m/dd/yyyy			
N.T.		С	- ertificate Nun	nber:		100				
Degree of Injury	Seat Occup	ied		Re	estraint Ty	pe			Inflatable F	Restraints
None	● Left	O Front	O Unknow	wn	Available Used					200 900 900 200
O Minor O Unknown O Serious	O Right O Center	O Rear O Single			O None		O None		✓ Not Ins	
Pilot Certificate(s) (Check all a		O single			O Lap or O 3-poin		OLap only O3-point	У	☐ Installe ☐ Not De	
□ None □ Flight In:		Commercial	US M	ilitary	O 4-poin		O 4-point		□ Deploy	ed
☐ Private ☐ Recreation	onal	Airline Transp	ort  Foreig		O 5-poin O Unkno		O 5-point O Unknov	vn.	Unknov	vn
☐ Student ☐ Sport		Flight Enginee	er		Conkid	JWII	Ochanov	•••		
Principal Occupation M	edical Certific	ate		M	edical Cer	tificate Va	lidity		Date of Las	st Medical
	) None	Class 3			Without lim		-	nknown		
	Class 1	Driver's Lice	ense (Sport Pilot		With limitat Special Issu		s ON	// <b>A</b>	07/15/20 mm/dd/y	
O Unknown C  Medical Certificate Limitation		Unknown			special issu	ance			mm day,	155
Glasses available and use hear	ing amplification	1								
Medical Certificate Special Is	ssuance									
Date of Last Flight Review		Fligh	t Review Airo	craft						
or Equivalent, Including FAR 121/135 Checks:	02/12/2020	Make	Vans							
TAR 121/133 CHECKS.	mm/dd/yyyy	Model Model	ı: RV7							
Airplane Rating(s)	Other Aircraf			ent Rating	s)	Instructo	r Rating(s)			
(Check all that apply)	(Check all that a	ipply)	I	ll that apply)		(Check all				
<ul><li>■ None</li><li>☑ Single-Engine Land</li></ul>	☐ None ☐ Airship		☐ None			None	a: 1 E		Instrument	
Single-Engine Sea	☐ Balloon		✓ Airpla  Helico				e Single-Eng e Multi-Engi		Instrument : Helicopter	Helicopter
✓ Multiengine Land	Glider		☐ Power			☐ Gyropla	ane		Glider	
☐ Multiengine Sea	☐ Gyroplane ☑ Helicopter					☐ Powere	d Lift		Sport	
	☐ Powered Lift	t								
Type Ratings						Student I	Endorsemei	nts (Include	dates)	
DC-3S										
Flight Time /Futur manufata	П		Airplane		1	Inst	rument			
Flight Time (Enter appropriate 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	2,186	0								
Pilot in Command (PIC)	1,345	0	628	1,22	3 73	331	206	78	<u></u>	
Time as Instructor	105	0	105							
This Make/Model					C	0	0			
Last 90 Days	4	0	4							
Last 30 Days	3	0	3							
Last 24 Hours	0	0			1	1	I	1	1	

"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" w	vas pilot flying	Yes 🔲	No							
"Flight Crewmember 2" I	dentification									
First Name:				C	ity of Re	esidence:				
Middle Initial:										
Last Name:										
85- 1-	f Accident/Incident:				10.7	20120				
Age at time of	Accident/incident:					mm	raaryyyy			
D 61-1	S40	Later Control of the	ificate Numb					1.2		W 2 W
Degree of Injury O None O Fatal	Seat Occupied OLeft	OFront	OUnknow	790	Restraint Type				nflatable R	estraints
O Minor O Unknown	ORight	ORear	Colikilow	/ <b>II</b>	Availab		Used			
O Serious	O Center	O <sub>Single</sub>			O Non O Lap		O None O Lap only	7	☐ Not Inst	
Pilot Certificate(s) (Check	all that apply)				O 3-po	int	O 3-point		■ Not Dep	loyed
☐ None ☐ Flight	_	mmercial	US Mi	-	O 4-po O 5-po		O 4-point		☐Deploye☐Unknow	
☐ Private ☐ Recre		rline Transpor ight Engineer	t Foreign	ı	O Unk		O 5-point O Unknow	m	Clikilow	11
☐ Student ☐ Sport	□ FII	igni Engineer			•		•			
Principal Occupation	Medical Certificat	te		Me	dical Ce	ertificate Val	lidity	]	Date of Las	t Medical
O Pilot	O None O C	Class 3		70	Without li	mitations/waiv	rers OU	nknown		
O Other			se (Sport Pilot			tations/waivers	O N	/A	mm/dd/yy	<u> </u>
O Unknown	0	Jnknown			Special Is	suance			ттаагуу	уу
Medical Certificate Limita	tions									
35 11 10 45 4 0 1										
Medical Certificate Specia	ii Issuance									
Date of Last Flight Review	V	Flight 1	Review Airc	raft						
or Equivalent, Including FAR 121/135 Checks:		Make:								
	mm/dd/yyyy	Model:								
Airplane Rating(s)	Other Aircraft I	Rating(s)	Instrume	ent Rating(s	)	Instructor	Rating(s)			
(Check all that apply)	(Check all that app	oly)		that apply)	,	(Check all th				
None	☐ None		None			□ None			Instrument A	
☐ Single-Engine Land☐ Single-Engine Sea	☐ Airship ☐ Balloon		Airplan			☐ Airplane	Single-Engin	le 📮	Instrument H	elicopter
☐ Multiengine Land	Glider		☐ Helicon			☐ Airplane ☐ Gyroplan			Helicopter Glider	
☐ Multiengine Sea	□ Gyroplane			CG LATE		☐ Powered			Sport	
	Helicopter								-	
Type Ratings	☐ Powered Lift					Student Fr	dovcomont	s (Include d	ataa)	
Type Katings						Student El	шог ѕешеш	s (Include al	iles)	
TI -1 4 TI		Т	Airplane			Inch	rument			
Flight Time (Enter appropri number of hours in each box)		This Make & Model	Single	Airplane Multiongine	Nigh			Potovovett	Glider	Lighter Than Air
Total Time	Antran	& Model	Engine	Multiengine	Nigh	t Actual	Simulated	Rotorcraft	Gider	THAII AII
	+ +	+			+					
Pilot in Command (PIC)					+					
Time as Instructor This Make/Model										
This Make/Model										
Last 90 Days					+					
Last 30 Days	<del>-  -</del>				+					
Last 24 Hours	1				1		I	1	1	

ADDITIONAL FLIGHT CREWMEMBERS (Exclusive of cabin crew, complete the following information)									
Crew Name and Add	ress						Seat Occupie	d	Injury
First Name: Middle Initial: Last Name:		State	e:		ZIP:		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 Tyj Available O None O Lap Only O 3-point O 4-point O 5-point O Unknown	Used O None	Inflatable Restraints  Not Installed Installed Not Deployed Deployed Unknown	
Crew Name and Add	ress						Seat Occupie	Injury	
First Name:		State	e:		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						Restraint Tyj Available O None O Lap Only O 3-point O 4-point	Used O None O Lap Only O 3-point O 4-point	Inflatable Restraints  Not Installed Installed Not Deployed Deployed	
Type Rating/Endorsement for						O 5-point O Unknown	O 5-point O Unknown	Unknown	
PASSENGER(S) /	OTHER PERSO	NNEL (I	Include c	abin crew; c	ontinue on s	eparate shee	t if necessary)		
Name and Address				Seat	Injury	Restraint T	уре	Inflatable 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,  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	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:  O Crew	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	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: O Crew	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

FLIGHT ITINERARY	INFORMATION	I						
Last Departure Point		e of Departure	Destination	on		Type Fligh	t Plan F	iled
Airport ID: LXT		1645	Airport ID:	LXT		<b>⊙</b> None		O VFR/IFR
City: Lee's Summit	Time	1645	City:			O Company		O IFR
State: MO	Time	Zone: Central				O Military V O VFR	VFK	O Unknown
Country: Jackson	755.77.0				39.		<b>O</b> Yes	ONo OUnknown
Type of ATC Clearance/Se	rvice (Check all that of	apply)					56.5	Sta - 26:
	Special VFR	***	ecial IFR		☐ VFR Flight Follo		☐ Cruis	ie
☑ None □ VFR	IFR	□ VF	R On Top		☐ Traffic Advisory		Unkr	nown / NA
Airspace where the acciden					Self-Salestine of the Self-Self-Self-Self-Self-Self-Self-Self-		Altitu	de of In-Flight
	Class G Demo Area		itary Operations port Advisory A		Special	nol Arma		rence:
	Warning Area		Training Area	ica	Unknown	Air Traffic Control Area Unknown		
	Prohibited Area	☐ TR						
	Restricted Area	FA						
WEATHER INFORM		ACCIDEN	T/INCIDEN					
Source of Pilot Weather In: (Check all that apply)	formation				servation Facility			
☐ National Weather Service	☐ Com	pany						
☐ Flight Service Station	☐ Milit	ary		Observation Ti	me:			
TV/Radio	☐ Inter							
<ul> <li>✓ Automated Report</li> <li>☐ Commercial Weather Service</li> </ul>				Distance from A	Accident Site:		nm	
☐ On-Board Weather				Direction from	Accident Site:		degrees	true
Basic Conditions		Light Conditi	ion					
<b>⊙</b> VMC		ODawn	ODusk	<b>O</b> Dark		known		
O IMC O Unknown		<b>⊙</b> Day	ONight	OBrig	ht Night			
Sky/Lowest Cloud Condition	on	Ceiling			Tompovotuvo		(C) or	(E)
•	O Thin Broken	None (Clear)	0	Obscured	Temperature:			
	O Thin Overcast	O Broken	Ö	Indefinite	Dew Point: _	(C	) or _	(F)
O Partial Obscuration O Scattered	O Unknown	O Overcast O Unknown			Altimeter Sett	ing:	in. l	Hg
Lowest Cloud Condition H	Leight	Ceiling Height			or MB			
Lowest Cloud Condition I	ft agl	ft agl						
Wind Direction	Wind Speed		Wind Gusts		Visibility		miles	
☐ Variable	Calm		✓ Not Gustin	ng	RVR	<u> </u>	feet	
-or-	✓ Light and Varia	ble	-or-		RVV	-	miles	
Direction:degrees true		kts	Speed:	kts	Density Altitud	de:		ft
Intensity of Precipitation	Type of Precipita	ation (Check all t	that apply)		Restriction to	Visibility (C	heck all ti	- hat apply)
OLight	None	□ <sub>Drizzle</sub>	☐ Freezin	g Rain	✓ None	□F		11 27
O Moderate	☐ Rain	☐ Ice Pellets	Snow S	hower	☐ Blowing Du		Ground Fo	g
OHeavy ON/A	□ Snow □ Hail	☐ Snow Pellet☐ Snow Grain			☐ Blowing Sar ☐ Blowing Sn		Haze ce Fog	
OUnknown	Rain Showers	Ice Crystals		g DHZZIe	☐ Blowing Sp		Smoke	
					□ Dust	□ t	Jnknown	
Icing Forecast		Icing Actual			Turbulence			
Amount Type O None O N/A		Amount O None	Type ON/A		Type (Check as  ☐ None	ll that apply)		verity Light
O Trace O Rime		O Trace	O Rime		Clear Air			Moderate
O Light O Clear		O Light	O Clear		☐ Terrain-Indu		_	Severe
O Moderate O Mixed O Severe O Unkno		O Moderate O Severe	O Mixe O Unkr		□Convective ′	Turbulence		Extreme
O Unknown	WII	OUnknown	Cliki	lowii				
NOTAMs (D and FDC),	AIRMET: SIGN	IFTe DIDED	s in effect at	the time of th	  e=accident/incid	dent:		
TIOTAMIS (D'ARG FDC),		, 1 1KEF	, m circul at	ane anne or ti	ic accident/men	ми		

DAMAGE	TO AIRCRAFT A	ND OTHER PRO	OPERTY						
Aircraft Dan	ıage	Aircraft Fire		Aircraft Explosion					
O None	O Substantial	O None	O Both Ground and In-Flight O Fire at Unknown Time	O None	O Both Ground and In-Flight				
O Minor	O Destroyed O Unknown	O In-Flight O On-Ground	O Unknown  O Unknown	O In-Flight O On-Ground	O Explosion at Unknown Time O Unknown				
	Salar Makari		THE TOTAL CONTROL OF THE PARTY.	On Ground	- Common - C				
Description of	f Damage to Aircraft a	nd Other Property	(Use additional sheet if necessary)						
	Broken left wheel axle and bent right axle. Left wheel aft strut broken. Lower left wing damage to front and aft spars. Upper left wing damage to leading edge wing tip. Prop strike destroyed prop.								
NARRATIV	E HISTORY OF FLIC	GHT (Please type o	or print in ink)						
		, ,,,	g circumstances leading to and nat	ure of accident/incide	ent. Describe terrain and include				
wreckage dis		ent. Attach extra shee	ets if needed. State departure time and						
experienced runway 36 at proceeded to nose down th down. I pulle	a severe ground loop wat Lee's Summit airport to line up on the centerline runway. The tail cal	which resulted in da (LXT), made a radio ine of the runway. me up and then the he takeoff and failed	irst takeoff in N41LR, an experime amage to the aircraft. I completed o call on Lee's Summit traffic freq I positioned the stick well forward a right wing started to come up and to control the right swerve of the trike.	d my takeoff checklis uency, cleared the a and advanced the p d did not respond to	t prior to the threshold of pproach to runway 36 and ower while maintaining the control inputs to go back				
This was to b	oe the first flight of Pha	se 1 Testing. It wa	s to be over the airport for a perio	od of about an hour in	ı light wind and VFR.				

RECOMMENDATION (How	could this	accident/incident ha	ve been pre	vented?)				
Operator/Owner Safety Recomm	endation							
Faster response to right swen	e to prever	nt ground loop.						
MECHANICAL MALFU	NCTION/I	FAILURE (If mor	e space is n	eeded, co	ontinue on separ	rate sheet)	_	
Was there Mechanical Malfun (If yes, list the name of the part, man			scribe the failu	rre.)			Total Tim On Part	ie/Cycles
Left wheell axle							4.7	Hours
							2	Cycles
								ce This Part
							_	/Overhauled
							4.7	Hours
FUEL 9 SEDVICES INF	ODMATI	ON						
FUEL & SERVICES INF Fuel on Board at Last Takeoff	ORMATI	Fuel Type						
(Convert from pounds, as necessary)		<b>⊙</b> 80/87	O 115/145		O Jet B	O Other, specify _		
_12	Gallons	O 100 Low Lead O 100/130	O Jet A O Jet A-1		O JP8 O Automotive			
Other Services, if Any, Prior to	Departure							
<b>EVACUATION OF AIRC</b>	RAFT							
Was an emergency evacuation	of the aircr	aft performed?	☐ Yes	✓ No				
Method of Exit – Describe how	the occupan	ts exited and how ma	ny occupant	s evacuate	ed each location			
Out the left side of the cockpi	t to the grou	ınd.						
			_		,			
OTHER AIRCRAFT – C	OLLISIO	(If air or ground	collision occ	curred, co	mplete this sect		_	
Aircraft Registration Number		ırer:					amage to Oth Destroyed	er Aircraft  Minor
							Substantial	□ None
Registered Owner of Other Air					Other Aircraft			
Name:								
State:ZIP:				State:		ZIP:		
Country:				Country	:			

ADDITIONAL INF	ORMATIC	ON (Please type or print in ink)						
the state of the state of the same of the		is needed for any answers.						
The second secon								
I HEREBY CERTIF	Y THAT TH	HE ABOVE INFORMATION IS COMPLE	ETE AND ACCURATE TO THE BEST OF I	MY KNOWLEDGE				
Date of this Report	Name of 1	Pilot/Operator: Larry E. Rhoads						
05/22/2020		:						
mm/dd/yyyy		✓ Check here to electronically sign this of						
If a Danier Other the								
	_	erator is Filing Report						
or □C	heck here to	electronically sign this document						
	FOR NTSB USE ONLY							
NTSB Accident/Incid	lent No.	Reviewed by NTSB Regional Office	Name of Investigator	Date Report Received				
CEN20CA184		DENVER, CO	AGUILERA	5/23/2020				