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

BAS	IC INFORM	ATION		F REAL PROPERTY.					No.			THE REAL PROPERTY.	MO TO THE
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	(Enter in decime	u degrees or	degrees:minutes:se	econds)			Collision v	ith Oth	er Air	craft: (O Midair	OOn-groun	nd O None
AIRC	RAFT INFO	RMATIO	N					100	TABLE				
Regist	ration Number:	N747PK					☑ IFR-E	quipped	and Ce	rtified			
Manuf	acturer: Piper						□ Comm □ Unma			ght			
Model	: Cherokee (P2	8A or PA-2	28-180)				Maximum	Gross	Weigh	t: N: 24	00 U: 19	50 lbs	
Serial	Number: <u>28-46</u>	647										known	lbs
Year o	f Manufacture:	1968					Number o	f Seats:	4		Flight Cr	ew Seats: 2	
Amate	ur-Built: OYes	+1	O Kit/Plans Ma				Cabin Crew	Seats: 0)		Passenge	r Seats: 2	//
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Type of Maintenance Program (Select one)					121.5 MHz) O ((406 MHz)	C91a (121.5 N	/Hz)	☐ Data	Recorder				
● Annual					80 950	2 OV O	NT.	☐ Elect	ronic Flig	ght Bag or I	Iandheld Dev	rice	
O Conditional (Amateur-built only) O Manufacturer's Inspection Program Was ELT still to Was ELT still to				still con	nected to antenr	na? OYes C	No	© Electronic Multifunction Display © Electronic Primary Flight Display					
O Other Approved Inspection Program (AAIP) Did ELT Activate?				• OYes ON	0		☐ Handheld GPS ☐ Heads Up Display						
	nuous Airworthine specify:	SS		If actival		cating Aircraft	OVes 0	1	Onbo	ard Weat	her		
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OWNER/OPERATOR INFORM	ATION			高加州市 神 四市 在 中 1			
Registered Aircraft Owner			City: Chapel Hill				
Name: Raleigh Flying Club LLC			State: NC	ZIP: 27517			
Fractional Ownership Aircraft: O Yes 6	9 No		Country: USA	ZIF. ZIVII			
Operator of Aircraft	Registered Owner		✓ Same Address as Registered Owner				
Name:			City:				
			State:				
Air Carrier/Operator Designator (4 Charac	ter Code):						
Operating Certificates Held (Check all that apply)	Regulation Flight Conducted U	Under	Revenue Operation for (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 103 OFAR 133 OFA OFAR 121 OFAR 135 OFA	AR 415 AR 431 AR 435 AR 437	O Scheduled or Commuter O Non-Scheduled or Air Ta	Domestic O International			
□ Commuter Air Carrier (FAR 135) □ On-Demand Air Taxi (FAR 135)	O Non-US, Commercial O Non-US, Non-commercial		O Cargo O Mail Contract Only				
☐ Commercial Air Tour (FAR 136) ☐ Agricultural Aircraft (FAR 137) ☐ Pilot School (FAR 141)	OPublic Aircraft (Select one) O Armed Forces		Purpose of Flight for FA (Select one)	aR 91, 103, 133, 137			
☐ Certificate of Authorization or Waiver (COA) ☐ Commercial Space Transportation Experimental Permit ☐ Commercial Space Transportation License ☐ Other Operator of Large Aircraft	O Federal O State O Local O Unknown		O Aerial Observation O Air Drop O Air Race/Show O Banner Tow O Business	O Firefighting O Unknown O Flight Test O Glider Tow O Instructional O Other Work Use O Personal O Positioning			
Revenue Sightseeing Flight	Air Medical Flight		O External Load	O Skydiving			
O Yes O No	OYes ONo		O Ferry				
AIRPORT INFORMATION (Fill in	if accident/incident occurred on a	225030	to londing takeoff departs	Mile Branch Street			
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Airport Name: Raieign Durnam Interna	ational	100000		er: less than 1 sm			
Proximity to Airport: O Off Airport/Airstri	ip On Airport/Airstrip ON/A		Direction From Airport:				
Runway Information		Con	Condition of Runway/Landing Surface (Check all that apply)				
Runway ID: Multiple (L/R/C) Length:	apply) adam	□ D D D D D D D D D D D D D D D D D D D	Ory □ Snow-C	Compacted Water-Calm Crusted Water-Choppy Dry Water-Glassy Wet Wet			
Approach/Departure Segment (Select one))						
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IFR Approach (Check all that apply)		VFR	Approach (Check all that a	annly)			
☑ None		☑No		ирртут			
□ 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	□ Su □ Va □ Go	raffic Pattern raight-In alley/Terrain Following o Around Ill 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" Id		es 🗆 No	9							
First Name: Mark	entification				G: 45					
			Knightdale	Lamana arangana						
Middle Initial:					State: No	C		ZIP: 2754	5	_
Last Name: Chemacki					Country:					-9
Age at time of	f Accident/Incident: 4	-8	Date of E	Birth:	9	74 /	nm/dd/yyyy			
		Cert	tificate Nun	nber:						
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Pilot Certificate(s) (Check as	ll that apply)	2000			● Lap oO 3-poi		O Lap on O 3-point		☐ Installe	
□ None □ Flight □ Private □ Recrea □ Student □ Sport	Instructor ☐ Comm tional ☐ Airlin	nercial e Transport Engineer	☐ US M ☐ Foreig		O 4-poi O 5-poi O Unkr	int int	O 4-point O 5-point O Unkno		☐ Deploy ☐ Unkno	/ed
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⊙ Other		er's Licens	e (Sport Pilot	t only)	Without lin With limits Special Iss	mitations/wa ations/waive	ivers O	Jnknown N/A	10/29/20 mm/dd/y	
Medical Certificate Limitat		nown			O Special Iss	uance			mm/aa/y	יציצי
Medical Certificate Special	Issuance									
Date of Last Flight Review		Flight R	Review Airc	craft						
or Equivalent, Including FAR 121/135 Checks:	4/26/2022	Make: F	Piper							
- Trick 121/103 Checks.	mm/dd/yyyy	Model: F	28A							
Airplane Rating(s)	Other Aircraft Rat	ring(s)	Instrum	ent Rating	g(s)	Instructo	r Rating(s)			
(Check all that apply)	(Check all that apply)	017	3321407	l that apply)	95.0	2.0	that apply)			
☐ None ☐ Single-Engine Land ☐ Single-Engine Sea ☐ Multiengine Land ☐ Multiengine Sea	□ None □ Airship □ Balloon □ Glider □ Gyroplane □ Helicopter □ Powered Lift		□ None □ Airpla □ Helico □ Powere	pter			ne Single-Eng ne Multi-Engi nne d Lift	ne [Instrument Instrument Helicopter Glider Sport	
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Total Time										
Pilot in Command (PIC)										
Time as Instructor										
This Make/Model		te baka						U STEELS		TANKE !
Last 90 Days										
Last 30 Days Last 24 Hours										

"FLIGHT CREWMEMBER 2" INFORMATION										
"Flight Crewmember 2" Responsibilities at the Time of Accident/Incident O Pilot O Co-Pilot O Student Pilot O Flight Instructor O Check Pilot O Flight Engineer O Other Flight Crew										
"Flight Crewmember 2" was pilot flying □ Yes □ No										
"Flight Crewmember 2" I	dentification									
First Name: City of Residence:										
NOTE: 11 (1)										
Last Name:										
County.										
Age at time of Accident/Incident: Date of Birth: mm/dd/yyyy Certificate Number:										
Dagrae of Injury	Seat Occupies		ificate Num		D					
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Pilot Certificate(s) (Check	all that apply)				O 3-pc	oint	O 3-point		☐ Not Do	ployed
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O Other O Unknown		river's Licens nknown	se (Sport Pilot		O With Iimi O Special Is	tations/waiver	rs 0 1	N/A	mm/dd/y	222
Medical Certificate Limits		maio i ii			o special is	suance			minutary	777
medical Columnation	itions									
Medical Certificate Specia	l Issuance									
Date of Last Flight Review	1	Flight F	Review Airc	roft						
or Equivalent, Including		2400000000								
FAR 121/135 Checks:	/11/	-								
Airplana Dating(a)	mm/dd/yyyy	Model:	1	74230012						
Airplane Rating(s) (Check all that apply)	Other Aircraft R (Check all that appl			ent Rating		Instructor				
□ None	□ None	27	□ None	l that apply)	′ I	(Check all t) None	hat apply)			
Single-Engine Land	☐ Airship		Airpla	ne			Single-Engi	ne 📙	Instrument A	Airplane Jelicopter
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	☐ Helicopter				1	- rowered	LIII		Sport	
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Type Ratings						Student E	ndorsemen	ts (Include d	ates)	
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number of hours in each box)	AND CONTRACTOR OF THE PARTY OF	his Make & Model	Single Engine	Airplane Multiengir				D	CIFA.	Lighter
Total Time		- Induct	Lugine	Multiengii	ile Night	Actual	Simulated	Rotorcraft	Glider	Than Air
Pilot in Command (PIC)							2			
Time as Instructor							-			
This Make/Model	THE CASE IN			T Z 1 E 1	30			CONTRACTOR OF		POLE BYEN
Last 90 Days				11 / 1 / / / / / / / / / / / / / / / /						\$ 150 mg (\$4) 8
Last 30 Days										
Last 24 Hours										

ADDITIONAL FLIGHT CREWMEMBERS (Exclusive of cabin crew, complete the following information)									
Crew Name and Addr	ess						Seat Occupi	ed	Injury
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 Ty Available O None O Lap Only O 3-point O 4-point O 5-point O Unknown	Used O None O Lap Only O 3-point O 4-point O 5-point	Inflatable Restraints Not Installed Installed Not Deployed Deployed Unknown	
Crew Name and Addr	ess						Seat Occupio	ed	Injury
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							Available Used O None O Lap Only O 3-point O 4-point O 5-point O 5-point O 5-point O 5-point O 5-point O 5-point		Inflatable Restraints Not Installed Installed Deployed Deployed Unknown
Accident/Incident Airc PASSENGER(S) / (NNEL (In	of this A	Accident/Inci	ident:	hrs	O Unknown		Unknown
200	JITIER LINGE.	MINEL (III.	Clude	cabin crew, c	ontinue on s	eparate sneed	if necessary)	Inflatable	A CONTRACT OF THE PARTY OF
Name and Address				Seat	Injury	Restraint T	ype	Restraints	Age
First Name: Jill Middle Initial: Last Name: Pluim OCrew	State: NC Z	ZIP: <u>27545</u>		OLeft OCenter ORight OUnknown Row: 1	None Minor Serious Fatal Unknown	Available O None O Lap Only O 3-point O 4-point O 5-point O Unknown	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, Ohild Restraint O Lap-Held O 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 O3-point O4-point O5-point O Unknown	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
First Name: Middle Initial: Last Name: OCrew	State: Z	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 O 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: Z	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 O Lap Only O 3-point O 4-point	□ Not Installed □ Installed □ Not Deployed □ Deployed □ Unknown	☐ Under 5 years

FLIGHT ITINERARY	INFORMATIO	N					
Last Departure Point		e of Departure	Destination	on		Type Fligh	nt Plan Filed
Airport ID:	T:		Airport ID:			O None	O VFR/IFR
City:		e:				O Company O Military	
State:		Zone:	According to the second			O VFR	VFR O Unknown
Country:			100			Activated?	OYes ONo OUnknown
Type of ATC Clearance/Ser	vice (Check all that	apply)					
□ VFR □	Special VFR IFR	□VF	ecial IFR FR On Top		☐ VFR Flight Follo ☐ Traffic Advisory		☐ Cruise ☑ Unknown / NA
☐ Class B☐ Class C☐ Class D☐ Class E☐	Class G Demo Area Warning Area Prohibited Area Restricted Area	☐ Mi ☐ Air ☐ Jet ☐ TR ☐ FA	litary Operations port Advisory Ar Training Area SA R 93	rea	□Special □Air Traffic Contr □Unknown	ol Area	Altitude of In-Flight Occurrence: N/A ft msl
WEATHER INFORMA		ACCIDEN	T/INCIDEN			的影響	基础 图题是 100
Source of Pilot Weather Inf (Check all that apply) National Weather Service Flight Service Station TV/Radio Automated Report Commercial Weather Service On-Board Weather	☐ Com ☐ Milit ☐ Inter ☐ None	tary net e		Facility ID: KI Observation Ti Time Zone: U Distance from A		R than 1	
Basic Conditions		Light Condit	ion				
O VMC O IMC O Unknown		ODawn ODay	ODusk ONight	ODark OBrigi	Night OUni	known	
Sky/Lowest Cloud Conditio		Ceiling			Temperature:	9	(C) or (F)
⊙ Few (O Thin Broken O Thin Overcast O Unknown	Broken		Obscured Indefinite Dew Point:3		3 (C) or(F) ing: 30.04 in. Hg	
Lowest Cloud Condition Ho 4,500	e ight ft agl	Ceiling Heigh 6000	t	ft agl		or	
Wind Direction	Wind Speed		Wind Gusts		Visibility	10	miles
☑ Variable	☐ Calm		☐ Not Gustin	g	30000000000000000000000000000000000000		
-or-	☐ Light and Varia	ble			100		
Direction:degrees true	(0.00)	kts	Speed: 15	kts		lo:	
Intensity of Precipitation	Type of Precipita	tion (Check all)			Density Altitud	leibility (C)	heck all that apply)
O Light O Moderate O Heavy O N/A O Unknown	☑ None ☐ Rain ☐ Snow ☐ Hail ☐ Rain Showers	Drizzle I ce Pellets Snow Pellet Snow Grain	☐ Freezing ☐ Snow Sh s ☐ Ice Pelle s ☐ Freezing	Rain nower ts Shower	☑ None ☐ Blowing Dus ☐ Blowing San ☐ Blowing Sno ☐ Blowing Spra ☐ Dust		og round Fog
Icing Forecast		Icing Actual			Turbulence		
Amount Type O None O N/A O Trace O Rime O Light O Clear O Moderate O Mixed O Severe O Unknown	n	Amount None Trace Light Moderate Severe Unknown	Type N/A Rime Clear Mixed Unkno		Type (Check all ☑ None ☐ Clear Air ☐ Terrain-Induc ☐ Convective T	eed	Severity Light Moderate Severe Extreme
NOTAMs (D and FDC), A	IRMETs, SIGM	ETs, PIREPs	in effect at t	he time of th	e accident/incide	ent:	
There are multiple NOTAMS NOTAMS and taxiway const of Airmets, Sigmets, and Pir	in effect at RDU truction NOTAMS.	at any given ti	me. The ones	s in effect that	day were primar	ily referenci	ng approach from an app. Unsure

DAMAGE TO AIRCRAFT AND OTHER PROPERTY									
Aircraft Da		Aircraft Fire		Aircraft Explosi					
O None O Minor	SubstantialDestroyedUnknown	O None O In-Flight O On-Ground	O Both Ground and In-Flight O Fire at Unknown Time O Unknown	O None O In-Flight O On-Ground	O Both Ground and In-Flight O Explosion at Unknown Time O Unknown				

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

The damage is fire, smoke, water, and corrosive in nature. Primary damage is fire/heat damage that occurred in/around the engine compartment. Smoke entered the cockpit and caused damage inside the aircraft. In the process of extinguishing the fire, the aircraft experienced water damage in the interior, and physical damage from the pressure exerted by the fire department's equipment. Due to the corrosive nature of the additive in the crash fire rescue tanks, the aircraft is now showing new signs of surface rust on metal components in the engine compartment (bolt heads etc).

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

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

This is the owner/operator narrative as the owner/operator was not present at the aircraft at the time of the event:

At approx. 18:40 hours on 01/23/23, we received a call from Signature FBO at Raleigh Durham (RDU) stating that Crash Fire Rescue (CFR) was responding to an aircraft fire on the ramp involving one of our aircraft. Hunter Warren, the director of maintenance for our maintenance shop (Raleigh Aviation Services (RAS)), and Gerritt Raterink our club manager, responded to the event. Hunter spoke to the pilot while enroute from his house, and the pilot recounted the events that had led up to the fire, these events match very similarly with what was reported to the FAA and the NTSB with the exception that he said higher prime counts initially (5-6 shots each time). Hunter also spoke with CFR via phone whom stated the aircraft re-energized while they were extinguishing the fire and requested to know the location of the battery so they could secure the electrical system of the aircraft (CFR cut the battery cables at the battery during extinguishing procedures). Gerritt arrived at the aircraft before Hunter and was present with both Mark and CFR. Hunter arrived shortly after that. CFR informed Gerrit that the ELT was still going off, and Gerrit worked with Hunter to get the ELT deactivated. It appeared that the ELT was activated manually in the tail of the airplane by flipping the switch to "on" from "armed". It is surmised that this occurred inadvertently while CFR was deactivating the battery. Once CFR was finished with the aircraft, Hunter and Gerritt resecured the aircraft to the tiedowns for the night to ensure that it was properly cooled off before going to a hangar. Hunter also cut the magneto harness to disable the possibilty of the magnetos providing spark to the engine since there was known damage done to the electrical system that caused the aircraft to re-energize. The following morning the aircraft was towed from the tiedowns to a hangar to eliminate a potentially hazardous distraction on the ramp, and the aircraft has not been moved since.

RECOMMENDATION (Ho	w could this	accident/incident	nave been pr	evented?)	NE REPORT	LA ALERON	
Operator/Owner Safety Recomm							
-At the recommendation of th	e NTSB we	have evaluated th	ne affected o	hecklist to	ensure comp	liance with the POI	Н
-We have recently spoken/rei in this case Mr. Chemacki sta issues with starting the aircra mechanics that work on this a the cause of the issue, be it n	ates that he ft cold until l aircraft have	has a history of ha he mentioned it in stated having any	aving trouble his account vissues star	starting to of the eventing the ai	his engine, but ent. None of o ircraft. If we kr	t we had no knowle	edge that there were any
MECHANICAL MALFU	NCTION/	FAILURE (15 mg			.,		
Was there Mechanical Malfun (If yes, list the name of the part, man	ction/Failur	e? 🗆 Yes 🗹 No)		ontinue on sepa	rate sheet)	Total Time/Cycles On Part
			2019 P 200 P 20 P 20 P 20 P 20 P 20 P 20 P	**************************************			Hours
							Cycles
							Time Since This Part Inspected/Overhauled
							Hours
FUEL & SERVICES INF		ON				F. The State of the London	A LA DIE UL
Fuel on Board at Last Takeoff (Convert from pounds, as necessary) 34		Fuel Type O 80/87 O 100 Low Lead O 100/130	O 115/145 O Jet A O Jet A-1		O Jet B O JP8	O Other, specify	
Other Services, if Any, Prior to	Departure	0 100/130	O Jet A-1		O Automotive		
EVACUATION OF AIRC	RAFT	- 17 78 10 10 10 10 10 10 10 10 10 10 10 10 10			7. (F3)06.538		
Was an emergency evacuation		ft performed?	☑ Yes	D.V.		SECOND STREET	网络罗斯州 斯马克拉
Method of Exit – Describe how		7.7		□ No	d anah lagation		
Both occupants exited out the	cockpit doc	or.	any occupant	cvacuatet	a each location		
OTHER AIRCRAFT - CO	DLLISION	(If air or ground	collision occ	urred, con	nnlete this secti	ion for other aircraft	,
Aircraft Registration Number		rer:					age to Other Aircraft
#1	Model:					L D	estroyed
Registered Owner of Other Air	craft			Pilot of C	Other Aircraft		ıbstantial None
Name:				Name:			
City:ZIP: _				City:			
Country:				Country:		_ZIP:	

ADDITIONAL INFORMATION (Please type or print in ink)								
Use this space if additional space is needed for any answers.								
We did not have a v	vay to valid	date Mr. Chemacki's exact pilot hours/flig	ght time at the time of this report and theref	ore left that section blank.				
			ETE AND ACCURATE TO THE BEST OF I	MY KNOWLEDGE				
Date of this Report 01/30/2023	Name of l	Pilot/Operator: Raleigh Flying Club, Bel	n Brittle - Owner					
mm/dd/yyyy	0r	Check here to electronically sign this	tocument					
If a Person Other tha	n Pilot/Op	erator is Filing Report						
			Title:					
Signature:								
or C	neck here to	electronically sign this document						
NTSB Accident/Incid	lent No.	FOR NTSB I		植物物料				
ERA23LA1		Reviewed by NTSB Regional Office AS-ERA	Name of Investigator Lynn Spencer	Date Report Received 2/6/2023				