# 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

BASI	C INFORMA	TION											
Accide	nt/Incident Loc	ation					Acc	cident/Incid	lent Date/T	ime			
Nearest (	City/Place: Mes	a -			_ State: /	AZ	Date	e:10/0	02/2024	Lo	cal Time:	1500	
ZIP: 85	<u>215</u> 0	Country: US	Α						d/yyyy				
Latitude	<u> </u>		Longitude:							Tu	me Zone: _	UTC-7	
	(Enter in decima	l degrees or d	legrees:minutes:sec	conds)			Col	llision with	Other Air	eraft: C	) Midair	OOn-groun	d • None
AIRC	RAFT INFO	RMATIO	N										
Registr	ation Number:	N4199M						☐ IFR-Equip	-				
Manufa	acturer: Diamo	ond						□ Commerci □ Unmanned	_	ght			
Model:	Kitana						Ma	aximum Gr	oss Weigh	t: <u>1764</u>		1bs	
Serial N	Number:						We	eight at Tin	ne of Accid	ent/Inci	dent: <u>16</u>	19	lbs
Year of	Manufacture:						Nu	ımber of Se	ats: 2		Flight Cre	ew Seats: 2	
Amateu	ır-Built: OYes		Kit/Plans Mal				Cat	bin Crew Seat	ts: 0		Passenger	Seats: 0	
	⊙No	(	Original Design				Nu	ımber of En	ngines: 1				
_	ry of Aircraft		irworthiness Ce	rtificate		Landing Ge				Engine	Type (Se		
O Airpl O Ballo		(Check all to				(Check all the		<i>ply)</i> actable			procating o Shaft	OLiqui OSolid	d Rocket
_	o/Dirigible	□ Norma	1	ted		☐ Tricycle	Keua		ailwheel	O Turb		•	id Rocket
OGlide		☐ Aeroba☐ Balloo								O Turb	o Jet	ONone	
O Gyron O Helic		Comm				☐ Amphibia ☐ Emergenc			igh Skid kid	O Turb O Elect		OUnkn	own
OPowe	red Lift	☐ Transp	ort Experi	mental		☐ Float	., 110	□S1	ki	OLICC			
ORock OUltrai		Utility		l Light-Spo mental Ligl		Hull		□ Si	ki/Wheel	Fuel Sy	stem Type	(Reciprocativ	ng)
OUnkn		Cortificate	_	or Waiver (COA)			ınch/	Recovery Sys	stem	<b>O</b> Carb	uretor	● Fuel-	Injected
		None		or waiver Unknown	(COA)	None	□Unknown						
			<b>.</b>		\			Date	Rated Pow		Total		Since:
Engine	Engine Manufa	cturer	Engine Model/Series			acturer's Number		of Mfg. mm/dd/yyyy	O Horsep O lbs of		Time (hours)	Inspection (hours)	(hours)
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Eng. 2													
Eng. 3							_						
Eng. 4				I		OF:1D	1					E: ID: I	
Last In	spection Type			Propell	er 1	●Fixed P ○Control	Pitch Propeller 2 OFixed Pitch ollable Pitch OControllable Pitch						
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O AAIP O Annu		litional Inspec	ction	Manufac	turer:				Manu	facturer: _			
				Model: _					Mode	1:			
Date La	ast Inspection:	mm/dd/yy	vv	ELT In	stalled:	⊙Yes O	No			_	ipment <i>(</i>	Check all that	apply)
Airfran	ne Total Time:			If Yes:					✓ AD:	S-B rame Para	ahuta		
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OLast Inspection OTime of Accident/Incident Model or					.: (121.5 MHz) <b>C</b>			Aut	•				
TO COLUMN TO THE					(406 MHz)		(	Dau	Recorde		Handheld De	vice	
O Annual Was				Was ELT	Γ still mo	unted in aircra	ft?	OYes ONo	□Elec	tronic Mu	ltifunction	Display	
O Conditional (Amateur-built only) O Manufacturer's Inspection Program						nected to anter		OYes ONe		tronic Pri	mary Fligh	t Display	
O Other Approved Inspection Program (AAIP)				l		? OYes O	No		1 =	ds Up Dis			
	nuous Airworthin , specify:	ess		If activa		ocating Aircra	ft: C	OYes ONo		oard Wea			
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O Spec	ify:					Fire Dama	ge		Oth	er, Specify	<b>7</b> :		
						☐ Battery Exp		I/Damaged					
						_ CLAMOWII							

OWNER/OPERATOR INFORMA	ATION					
Registered Aircraft Owner		City: Mesa				
Name: CAE Aviation Academy LLC		State: AZ ZIP: 85215				
Fractional Ownership Aircraft: O Yes O	No	Country: USA				
Operator of Aircraft	gistered Owner	☑ Same Address as Registered Owner				
Name:		City:				
Doing Business As:		State: ZIP:				
Air Carrier/Operator Designator (4 Character	er Code):	Country:				
Operating Certificates Held (Check all that apply)	Regulation Flight Conducted Un	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 121 OFAR 135 OFAR 125 OFAR 137 OFAR 125 OFAR 137 OFAR 137	31 O Non-Scheduled or Air Taxi O International				
☐ Commuter Air Carrier (FAR 135) ☐ On-Demand Air Taxi (FAR 135)	O Non-US, Commercial O Non-US, Non-commercial	O Mail Contract Only				
□Commercial Air Tour (FAR 136) □Agricultural Aircraft (FAR 137) □Pilot School (FAR 141) □Certificate of Authorization or Waiver (COA)	OPublic Aircraft (Select one) O Armed Forces	Purpose of Flight for FAR 91, 103, 133, 137 (Select one)  O Aerial Application OFirefighting OUnknown				
□ 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 Executive/Corporate 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 Ferry				
OYes ⊙ No	OYes ONo					
	0 103					
AIRPORT INFORMATION (Fill in		proach, landing, takeoff, departure, or within 3 miles of an airport)				
At AN Estado Field	if accident/incident occurred on app	Distance From Airport Center: 0 sm Direction From Airport: 0 degrees true Airport Elevation: 1394 ft. msl				
Airport Name: Falcon Field Airport Identifier: KFFZ Proximity to Airport: O Off Airport/Airstri	if accident/incident occurred on app	Distance From Airport Center: 0 sm  Direction From Airport: 0 degrees true  Airport Elevation: 1394 ft. msl				
Airport Name: Falcon Field Airport Identifier: KFFZ	p On Airport/Airstrip ON/A  O1 ft Width: 75 ft  apply)  dam Water  I/Wood	Distance From Airport Center: 0 sm  Direction From Airport: 0 degrees true				
Airport Name: Falcon Field  Airport Identifier: KFFZ  Proximity to Airport: Off Airport/Airstrice  Runway Information  Runway ID: 22L (L/R/C) Length: 51  Runway/Landing Surface (Check all that of Check all that	p On Airport/Airstrip ON/A  O1 ft Width: 75 ft  Inpply) Indam	Distance From Airport Center: 0 sm  Direction From Airport: 0 degrees true  Airport Elevation: 1394 ft. msl  Condition of Runway/Landing Surface (Check all that apply)  Dry Snow-Compacted Water-Calm Holes Snow-Crusted Water-Choppy Ice Covered Snow-Dry Water-Glassy Rough Snow-Wet Wet Rubber Deposits Soft				
Airport Name: Falcon Field  Airport Identifier: KFFZ  Proximity to Airport: Off Airport/Airstrice  Runway Information  Runway ID: 22L (L/R/C) Length: 51  Runway/Landing Surface (Check all that of Concrete Gravel Metal Snow	if accident/incident occurred on application of the proof	Distance From Airport Center: 0				
Airport Name: Falcon Field  Airport Identifier: KFFZ  Proximity to Airport: Off Airport/Airstrice  Runway Information  Runway ID: 22L (L/R/C) Length: 51  Runway/Landing Surface (Check all that of Check all that of Check all that of Concrete Gravel Meta Meta Dirt Grass/Turf Snow  Approach/Departure Segment (Select one OTaxi OVFR Departure OTFR Departure Processing Concrete OTFR Departure Processing	if accident/incident occurred on application of the proof	Distance From Airport Center: 0 sm  Direction From Airport: 0 degrees true  Airport Elevation: 1394 ft. msl  Condition of Runway/Landing Surface (Check all that apply)  Dry				
Airport Name: Falcon Field  Airport Identifier: KFFZ  Proximity to Airport: Off Airport/Airstrice  Runway Information  Runway ID: 22L (L/R/C) Length: 51  Runway/Landing Surface (Check all that at a concrete Gravel Meta Snow  Approach/Departure Segment (Select one)  OTaxi OVFR Departure Proceedings Of Check all that apply)  IFR Approach (Check all that apply)  INone	if accident/incident occurred on application of the proof	Distance From Airport Center: 0				
Airport Name: Falcon Field  Airport Identifier: KFFZ  Proximity to Airport: Off Airport/Airstrice  Runway Information  Runway ID: 22L (L/R/C) Length: 51  Runway/Landing Surface (Check all that of Check all that of Concrete Gravel Meta Dirt Grass/Turf Snow  Approach/Departure Segment (Select one OTaxi OVFR Departure OTakeoff OIFR Departure Procedure)  OTakeoff OIFR Departure Procedure Segment (Check all that apply)	if accident/incident occurred on application of the proof	Distance From Airport Center: 0				

"FLIGHT CREWMEME	"FLIGHT CREWMEMBER 1" INFORMATION										
"Flight Crewmember 1" 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 1" was	pilot flying	□Yes □ N	lo								
"Flight Crewmember 1" Iden	itification										
First Name: Patience					Ci	ty of Res	idence: M	esa			
Middle Initial: State: AZ ZIP: _85215											
Last Name: Ely Country: USA											
Age at time of A	Accident/Incider	nt: 27	Date of B	irth:		, _	_	m/dd/yyyy			
		Ce	ertificate Num	ber:							
Degree of Injury	Seat Occupi				Rest	raint Typ	<u></u> ре			Inflatable F	Restraints
None	<b>⊙</b> Left	O Front	O Unknov	I .		vailable		Used			
O Minor O Unknown O Serious	O Right O Center	O Rear O Single				ONone		ONone		✓ Not Inst	
		O single				O Lap onl O 3-point		OLap only O3-point	y	☐ Installed ☐ Not Dep	
Pilot Certificate(s) (Check all in None ☐ Flight In:		Commercial	□ US Mi	litary		<b>⊙</b> 4-point		⊙ 4-point		□ Deploye	ed
☐ Private ☐ Recreation	onal	Airline Transpo	ort Foreig	_		O 5-point		O 5-point O Unknow		Unknov	vn
☐ Student ☐ Sport	☐ F	Flight Enginee	Г			O Unknov	wn	OCILION	vii		
Principal Occupation M	edical Certific	ate			Medi	ical Certi	ificate Va	lidity		Date of Las	t Medical
		Class 3					tations/waiv	•	nknown		
0			nse (Sport Pilot				ons/waivers		/A	02/22/20:	
		Unknown			O Sp	ecial Issua	ince			mm/aa/yy	yyy
Medical Certificate Limitatio	ns										
Medical Certificate Special Is	ssuance										
Date of Last Flight Review		Flight	Review Airc	raft							
or Equivalent, Including	00/07/0004	Make:	Piper								
FAR 121/135 Checks:	02/27/2024 mm/dd/yyyy	l l	: Seminole F	PA44							
Airplane Rating(s)	Other Aircraft	t Rating(s)	Instrum	ent Ratin	ıg(s)		Instructo	r Rating(s)			
(Check all that apply)	(Check all that ap		<b>I</b>	l that apply			(Check all i				
None	None		None				None	a:		✓ Instrument	
	☐ Airship ☐ Balloon		✓ Airpla  ☐ Helico	ne opter				e Single-Engi e Multi-Engir		Instrument I Helicopter	Helicopter
✓ Multiengine Land	Glider		Power				□ Gyropla	ne	[	Glider	
	☐ Gyroplane ☐ Helicopter						Powered	l Lift		Sport	
	☐ Powered Lift										
Type Ratings						;	Student E	ndorsemen	its (Include	dates)	
Flight Time (Enter appropriate			Airplane		П		Instr	rument			
number of hours in each box)	All Aircraft	This Make & Model	Single Engine	Airplan Multieng		Night	Actual	Simulated	Rotorcraft	Glider	Lighter Than Air
Total Time	850	24	740	_	110	50		46			
Pilot in Command (PIC)	750	22	640	1	100	39	1	46			
Time as Instructor	500	22	400	1	100	39	1	6			
This Make/Model						0	0	0			
Last 90 Days	198	18	177		21	9	1	1			
Last 30 Days	66	6	45		21	4		1		1	
Last 24 Hours	4	0	3		1	1	I	0	l	1	I

"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" was	pilot flying 🔲	Yes	No							
"Flight Crewmember 2" Iden	tification									
First Name: <u>Jacob</u> City of Residence: <u>Maricopa</u>										
Middle Initial: State: AZ ZIP: 85138										
Last Name: Toppel Country: USA										
Age at time of A	ccident/Incident:	32	Date of Bi				/dd/yyyy			
	-		tificate Numb	er:						
Degree of Injury	Seat Occupied	l		Rest	raint Typ	e e			Inflatable R	estraints
None	<b>O</b> Left	OFront	OUnknow	vn	vailable		Used			
O Minor O Unknown O Serious	O Right O Center	ORear OSingle			O None		O None		✓ Not Inst	
Pilot Certificate(s) (Check all t		- 522.610			O Lap onl O 3-point		O Lap only O 3-point	7	☐ Installed ☐ Not Dep	
□ None □ Flight Ins		nmercial	☐ US Mi	litary	<b>⊙</b> 4-point		<b>⊙</b> 4-point		Deploye	d
☐ Private ☐ Recreation	onal Air	line Transpo	ort Foreign	-	O 5-point O Unknov		O 5-point O Unknow	ren	Unknow	'n
☐ Student ☐ Sport	☐ Flig	ght Engineer			Cilkilot	VII	Chanow	,11		
Principal Occupation M	edical Certificate	e		Med	ical Certi	ficate Val	idity		Date of Las	t Medical
0		lass 3				tations/waiv	_	nknown	00/05/00/	
0		river's Licer nknown	nse (Sport Pilot		ith limitati pecial Issua	ons/waivers	O N	/A	06/05/202 mm/dd/yy	
Medical Certificate Limitatio		IIKIIOWII		0.51	occiai issua	nce				
Wiedical Certificate Limitatio	ш									
Medical Certificate Special Is	suance									
Date of Last Flight Review		Flight	Review Airc	raft						
or Equivalent, Including FAR 121/135 Checks:	12/6/2023	Make:	Piper							
TAR 121/133 CHECKS.	mm/dd/yyyy	Model:	Archer PA2	.8						
Airplane Rating(s)	Other Aircraft R	Rating(s)	Instrume	ent Rating(s)	I	nstructor	Rating(s)			
(Check all that apply)	(Check all that appl	ly)	(Check all	that apply)	(	Check all th	at apply)			
	✓ None  ☐ Airship		□ None □ Airpla			None	Single-Engin	🔽	Instrument A Instrument H	irplane
	☐ Balloon		Helico			Airplane Airplane	Single-Engin Multi-Engine		Helicopter	енсортег
	Glider		Power		[	Gyroplan	e		Glider	
	☐ Gyroplane ☐ Helicopter					Powered	Lift		Sport	
	Powered Lift									
Type Ratings					S	tudent En	idorsement	s (Include d	lates)	
FP 14 TP (T)		T	Airplane			Instr	ument		Τ	
Flight Time (Enter appropriate number of hours in each box)		his Make & Model	Single Engine	Airplane Multiengine	Night	Actual	Simulated	Rotorcraft	Glider	Lighter Than Air
Total Time	530	2	520	10	50	0	47			
Pilot in Command (PIC)	230	0	230	0	40	0	7			
Time as Instructor	255	0	255	0	40	0	0			
This Make/Model					0	0	0			
Last 90 Days	83	2	83	0	10	0	0			
Last 30 Days	12	2	12	0	0	0	0			
Last 24 Hours	2	2	2	0	0	0	0	1	1	

ADDITIONAL FLIGHT CREWMEMBERS (Exclusive of cabin crew, complete the following information)									
Crew Name and Add	ress						Seat Occupie	•d	Injury
Middle Initial:	_	State:		2	ZIP:		O Left O Center O Right	OFront ORear OSingle OUnknown	O None O Minor O Serious O Fatal O Unknown
Pilot Certificate(s) (C None Private Student  Type Rating/Endorse Accident/Incident Ai	☐ Flight Instructor ☐ Recreational ☐ Sport		e Transp t Enginee	oort		hrs	Restraint Tyl Available O None O Lap Only O 3-point O 4-point O 5-point O Unknown	Dee: 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 Add	ress						Seat Occupie	ed	Injury
Middle Initial:		State:		2	ZIP:		OLeft OCenter ORight	OFront ORear OSingle OUnknown	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	Used O None O Lap Only O 3-point O 4-point O 5-point	Inflatable Restraints  Not Installed Installed Not Deployed Deployed Unknown	
Accident/Incident Air	<b>_</b>			ccident/Inci		hrs	OUnknown	O Unknown	Unknown
PASSENGER(S)	OTHER PERSO	NNEL (In	clude c	abin crew; c	ontinue on se	eparate shee	t if necessary)	TC-4-bl-	
Name and Address				Seat	Injury	Restraint T	• •	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 ONone OLap Only O3-point O4-point O5-point OUnknown	O 3-point O 4-point O 5-point	□ Not Installed □ Installed □ Not Deployed □ Deployed □ Unknown	☐ Under 5 years  If Under 5,  ○ Child Restraint ○ Lap-Held ○ Unknown
First Name: Middle Initial: Last Name: OCrew	State:	ZIP:	_	OLeft OCenter ORight OUnknown Row:	O None O Minor O Serious O Fatal O Unknown	Available ONone OLap Only O3-point O4-point O5-point OUnknown	O 3-point O 4-point O 5-point	□ Not Installed □ Installed □ Not Deployed □ Deployed □ Unknown	☐Under 5 years  If Under 5,  ○ Child Restraint ○ Lap-Held ○ Unknown
First Name: Middle Initial: Last Name: OCrew	State: Z	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	/ INFORMATION	ON							
Last Departure Point	Ti	me of Departure	Destination	on		Type Fligh	ht Plan F	ïled	
Airport ID: KFFZ		1220	Airport ID:	KFFZ		None		O VFR/IFR	
City: Mesa		ne: <u>1330</u>	City: Mes	a		O Company O Military		O IFR O Unknown	
State: AZ	_ Tir	ne Zone: UTC-7	State: AZ			O VFR	VIIC	Chalown	
Country: USA			Country: L			Activated?	<b>O</b> Yes		
Type of ATC Clearance/S	Service (Check all the	at apply)				•			
☐ None ☑ VFR	☐ Special VFR ☐ IFR		ecial IFR R On Top		☐ VFR Flight Foll ☐ Traffic Advisory		☐ Cruis	se nown / NA	
Airspace where the accid							Altitu	de of In-Flight	
☐ Class A☐ Class B	□Class G □Demo Area		itary Operations port Advisory A		☐ Special ☐ Air Traffic Cont	rol Area	Occur	rence:	
Class C	Warning Area	☐ Jet '	Training Area		Unknown			ft msl	
✓ Class D  Class E	☐ Prohibited Area ☐ Restricted Area	□ TR:							
WEATHER INFORM				IT SITE					
Source of Pilot Weather 1		IL ACCIDEN	ITHICIDEN	1	servation Facility	,			
(Check all that apply)									
✓ National Weather Service ✓ Flight Service Station		ompany ilitary			ime:				
TV/Radio		ternet							
Automated Report	□ No				Accident Site:				
☐ Commercial Weather Servi ☐ On-Board Weather	ice (DUATS) U	ıknown			Accident Site:			true	
Basic Conditions		Light Conditi	ion						
<b>⊙</b> VMC		ODawn	<b>O</b> Dusk	<b>O</b> Darl	k Night OUr	known			
OIMC		<b>⊙</b> Day	ONight	OBrig	ht Night				
OUnknown Sky/Lowest Cloud Condi	4	C-ili			T			(T)	
O Clear	O Thin Broken	Ceiling  None (Clear)	0	Obscured	Temperature:	40	(C) or _	(F)	
O Few	O Thin Overcast	O Broken	Ō	Indefinite	Dew Point: _	((	C) or _	(F)	
O Partial Obscuration O Scattered	OUnknown	O Overcast	0	Unknown	Altimeter Setting: 29.89 in Hg				
Lowest Cloud Condition	Height	Ceiling Heigh	Ceiling Height			or MB			
	ft agl			ft agl					
Wind Direction	Wind Speed	1	Wind Gusts	<u> </u>	Visibility	CAVU	miles		
☐ Variable	□ Calm		✓ Not Gustin	ng		:			
	☐ Light and Va	riable	_						
or- Direction: 220 degrees to	-or- ue Speed: 12	kts	-or- Speed:	kts	RVV		miles	ft	
Intensity of Precipitation		itation (Check all t	• —	Kt3	Density Altitu Restriction to		Thank all t		
OLight	✓ None	Drizzle	nai appiy)  Freezin	a Rain	✓ None	•	Fog	наг арргу)	
O Moderate	Rain	Ice Pellets	Snow S	0	☐ Blowing Du	ıst	Ground Fo	og .	
O Heavy	Snow Hail	Snow Pellet		ets Shower	☐ Blowing Sa ☐ Blowing Sn		Haze Ice Fog		
● N/A O Unknown	☐ Hail ☐ Rain Showers	☐ Snow Grain ☐ Ice Crystals		ig Drizzle	☐ Blowing Sp		Smoke		
					Dust	<u></u>	Unknown		
Icing Forecast		Icing Actual	_		Turbulence				
Amount Type  O None O N/A		Amount  O None	Type N/A		Type (Check a  ✓ None	ll that apply)		verity Light	
O Trace O Rime		O Trace	O Rime		Clear Air			Moderate	
O Light O Clear O Moderate O Mixe		O Light O Moderate	O Clear O Mixe		☐ Terrain-Indu			Severe Extreme	
O Severe O Unkr		O Severe	O Unkı			Turouzenee	_		
OUnknown		OUnknown							
NOTAMs (D and FDC)	, AIRMETs, SIG	METs, PIREP	s in effect at	the time of t	he accident/inci	dent:			

DAMAGE TO AIRCRAFT AI		DPERTY					
Aircraft Damage	Aircraft Fire	_	Aircraft Explosion				
O None O Substantial	O None	O Both Ground and In-Flight	O None	O Both Ground and In-Flight			
O Minor O Destroyed O Unknown	O In-Flight O On-Ground	O Fire at Unknown Time O Unknown	O In-Flight O On-Ground	O Explosion at Unknown Time O Unknown			
			On Ground	Conkilowii			
Description of Damage to Aircraft a	nd Other Property	(Use additional sheet if necessary)					
Nose Gear Collapse from hard landing and secondary "bounces"							
•	,						
NARRATIVE HISTORY OF FLIC	GHT (Please type o	r print in ink)					
Describe what occurred in chronolog	gical order, including	g circumstances leading to and nat	ure of accident/incide	nt. Describe terrain and include			
wreckage distribution sketch if pertind							
destination. Provide as much detail as	possible.	-					
After commissing management in the	nunction avec the s	value vature and to accomplate a facility	ndings. The first land	ding was supposedful but the			
After completing maneuvers in the second attempt resulted in a go-ard							
The aircraft made contact with the							
crew attempted a go-around but it v							
collapsing.			•	_			

RECOMMENDATION (How	could this	accident/incident ha	ave been pre	vented?)				
Operator/Owner Safety Recomm	endation							
Remedial for Patience								
AOPA Do the Right Thing AOPA Transitioning to other Airplanes Briefing- Energy Management Briefing and the importance of following company procedures including but not limited to- Energy Management, stabilized approach criteria, mandatory callouts and what needs to be done when these criteria are not met. Including the importance of following these procedures because of the increased risk of something like this occurring if they are not followed.  Additionally in this briefing cover- what the instructor role is in these flights and how the instructor trainer should ensure the procedures are precisely followed and what the risks are if they do not hold instructors to being trained to precise standards  Cover the increased risks in an instructor training another instructor. Review what these risks are and how they should be mitigated. Discuss what the instructor trainer will do and what will be implemented into her own training going forward to ensure there is precise adherence to the procedures, and that there is no "trusting" of the instructor receiving training to be able to correct mistakes based on the certificate they hold or their potential familiarity with the individual.  Briefing- To cover DA20 specific elements including a review of the DA20 AFM to ensure the instructor knows the v speeds and aircraft limitations. Cover how to properly execute DA20 patterns and landings, given its unique flight characteristics. Highlight and stress the importance of proper before flight and arrival briefing on the threats/risks that are present and what mitigations should be put in place for these. Have the instructor detail what risks she should have identified during the fight (and before the event) about the flight, and what mitigations should have been put in place								
MECHANICAL MALFUN	NCTION/F	AILURE (If moi	re space is n	eeded, coi	ntinue on separ	ate sheet)		
(If yes, list the name of the part, man	(Convert from pounds, as necessary)       O 80/87       O 115/145       O Jet B       O Other, specify							
<b>EVACUATION OF AIRC</b>	RAFT							
Was an emergency evacuation of the aircraft performed?								
OTHER AIRCRAFT - C	OTHER AIRCRAFT - COLLISION (If air or ground collision occurred, complete this section for other aircraft)							
Aircraft Registration Number		ırer:				[	Damage to Othe Destroyed Substantial	er Aircraft  Minor  None
Registered Owner of Other Air					Other Aircraft			
Name:				City: State:		_ZIP:		

ADDITIONAL INFORMATION (Please type or print in ink)							
Use this space if addi	tional space	is needed for any answers.					
I HEREBY CERTIF	Y THAT TH	IE ABOVE INFORMATION IS COMPLE	ETE AND ACCURATE TO THE BEST OF N	MY KNOWLEDGE			
Date of this Report	Name of l	Pilot/Operator:					
10/30/2024		:					
mm/dd/yyyy		Check here to electronically sign this of					
		erator is Filing Report					
Name: Patrick	Fraze		Title: Assistant Chief	Instructor			
Signature:							
or 🔲 C	heck here to	electronically sign this document					
	FOR NTSB USE ONLY						
NTSB Accident/Incid	dent No.	Reviewed by NTSB Regional Office	Name of Investigator	Date Report Received			
WPR25LA009		West Pacific Region	Fabian Salazar	10/30/2024			