

NATIONAL TRANSPORTATION SAFETY BOARD • PILOT/OPERATOR AIRCRAFT ACCIDENT/INCIDENT REPORT Use this form (Form 6120.1) to report civil and public aircraft accidents and incidents

BASIC INFORMATION

Accident/Incident Location Nearest City/Place: <u>Longmont</u> State: <u>CO</u> ZIP: <u>80503</u> Country: <u>Boulder</u> Latitude: <u>40° 10' 28"</u> Longitude: <u>105° 11' 15"</u> (Enter in decimal degrees or degrees:minutes:seconds)		Accident/Incident Date/Time Date: <u>4 MAY 2020</u> Local Time: <u>1200</u> mm/dd/yyyy Time Zone: <u>MDT</u>	
		Collision with Other Aircraft: ☐ Midair ☐ On-ground ☒ None	

AIRCRAFT INFORMATION

Registration Number: <u>N75775</u> Manufacturer: <u>Cessna</u> Model: <u>C-172N</u> Serial Number: <u>17267941</u> Year of Manufacture: <u>1976</u> Amateur-Built: ☐ Yes ☒ No If Yes: ☐ Original Design ☐ Kit/Plans Make: _____		☒ IFR-Equipped and Certified ☐ Commercial Space Flight ☐ Unmanned Aircraft Maximum Gross Weight: <u>2550</u> lbs. Weight at Time of Accident/Incident: <u>1995.3</u> lbs. Number of Seats: <u>4</u> Flight Crew Seats: <u>2</u> Cabin Crew Seats: <u>N/A</u> Passenger Seats: <u>2</u> Number of Engines: <u>1</u>	
---	--	---	--

Category of Aircraft (Select one) ☒ Airplane ☐ Balloon ☐ Blimp/Dirigible ☐ Glider ☐ Gyroplane ☐ Helicopter ☐ Powered Lift ☐ Rocket ☐ Ultralight ☐ Unknown	Type of Airworthiness Certificate (Check all that apply) Standard ☒ Normal ☐ Aerobatic ☐ Balloon ☐ Commuter ☐ Transport ☐ Utility ☐ Certificate of Authorization or Waiver (COA) ☐ None	Special ☐ Restricted ☐ Limited ☐ Provisional ☐ Special Flight ☐ Experimental ☐ Special Light-Sport ☐ Experimental Light-Sport ☐ Unknown	Landing Gear (Check all that apply) ☐ Retractable ☒ Tricycle ☐ Tailwheel ☐ Emergency Float ☐ Float ☐ Amphibian ☐ Other Launch/Recovery System ☐ None ☐ High Skid ☐ Skid ☐ Ski/Wheel ☐ Hull ☐ Ski ☐ Unknown	Engine Type (Select one) ☒ Reciprocating ☐ Turbo Shaft ☐ Turbo Prop ☐ Turbo Jet ☐ Turbo Fan ☐ Electric ☐ Liquid Rocket ☐ Solid Rocket ☐ Hybrid Rocket ☐ None ☐ Unknown Fuel System Type (Reciprocating) ☒ Carburetor ☐ Fuel Injected
--	--	--	---	---

Engine	Engine Manufacturer	Engine Model/Series	Engine Serial Number	Date of Mfg. (mm/dd/yyyy)	Rated Power ☒ Horsepower or ☐ Lbs. of Thrust	Total Time (hours)	Inspection (hours)	Time Since: Overhaul (hours)
Eng. 1	<u>LYC</u>	<u>O-360</u>	<u>L-33178-27A</u>	<u>08/06/2006</u>	<u>150</u>	<u>1267.7</u>	<u>58.7</u>	<u>1267.7</u>
Eng. 2								
Eng. 3								
Eng. 4								

Last Inspection Type ☒ 400-Hour ☐ AAIP ☐ Annual ☐ Continuous Airworthiness ☐ Condition Inspection ☐ Unknown Date of Last Inspection: <u>4/28/2020</u> mm/dd/yyyy Airframe Total Time: <u>5981.6</u> hrs Hours measured at (Select one) ☒ Last Inspection ☐ Time of Accident/Incident	Additional Equipment ☒ ADS-B ☐ Airframe Parachute ☐ Angle of Attack Indicator ☐ Autopilot ☐ Autopilot/FMS, Model: _____ ☐ Coupled Flight Director ☐ Data Recorder ☐ Device Stall Warning System ☐ Electronic Flight Bag or Handheld Device ☐ Electronic Multifunction Display ☐ Electronic Primary Flight Display ☐ Flight Management System ☐ Handheld GPS ☐ Heads Up Display ☐ Night Vision Goggles ☐ Onboard Weather ☐ Primary Flight Display ☐ SAS, Axis (circle one): 2, 3, 4, Model: _____ ☐ Satellite Tracking Device ☒ Stall Warning System ☐ Video Recording Device ☐ Wire Strike Detection ☐ Wire Strike Protection ☐ Other, Specify: _____
Type of Maintenance Program (Select One) ☒ Annual ☐ Conditional (Amateur-built only) ☐ Manufacturer's Inspection Program ☐ Other Approved Inspection Program ☐ (AAIP) Continuous Airworthiness ☐ Other, specify: _____ Description of Fire Extinguishing System ☐ None ☒ Specify: <u>Fire Extinguisher</u>	ELT Installed: ☒ Yes ☐ No If Yes: ELT Manufacturer: <u>N/A</u> Model or Part No.: <u>N/A</u> TSO No.: ☐ C91 (121.5 MHz) ☐ C91a (121.5 MHz) ☐ C126 (406 MHz) Was ELT still mounted in aircraft? ☒ Yes ☐ No Was ELT still connected to antenna? ☒ Yes ☐ No Did ELT activate? ☐ Yes ☒ No If activated: Did ELT aid in locating aircraft? ☐ Yes ☒ No If not activated: Indicate Reason: ☐ Impact Damage ☐ Fire Damage ☐ Battery ☐ Expired/Damaged ☒ Unknown
	Propeller 1 ☒ Fixed Pitch ☐ Controllable Pitch ☐ Ground Adjustable Manufacturer: <u>McCawley</u> Model: <u>1C160/DTM7657</u> Propeller 2 ☒ Fixed Pitch ☐ Controllable Pitch ☐ Ground Adjustable Manufacturer: _____ Model: _____

OWNER/OPERATOR INFORMATION**Registered Aircraft Owner**

Name: Rocky Mtn Aircraft Services
 City: Broomfield State: CO
 ZIP: 80021 Country: USA

Fractional Ownership Aircraft: ☐ Yes ☒ No

Operator of Aircraft

☐ The Operator is also the Registered Owner

☐ Same address as Registered Owner

Name: Western Air Flight Academy
 City: Broomfield State: CO
 ZIP: 80021 Country: USA

Doing Business As: Same

Air Carrier/Operator Designator (4-character code): _____

Operating Certificates Held

(Check all that apply)

- ☐ None
☐ Flag Carrier Operating Certificate (FAR 121)
☐ Supplemental
☐ Air Cargo
☐ Foreign Air Carriers (FAR 129)
☐ Rotorcraft External Load (FAR 133)
☐ Commuter Air Carrier (FAR 135)
☐ 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

Regulation Flight Conducted Under

- ☒ FAR 91 ☐ FAR 129 ☐ FAR 415
☐ FAR 103 ☐ FAR 133 ☐ FAR 431
☐ FAR 121 ☐ FAR 135 ☐ FAR 435
☐ FAR 125 ☐ FAR 137 ☐ FAR 437
☐ FAR 450
☐ FAR 91 Special Flight
☐ Non-US, Commercial
☐ Non-US, Non-commercial
☐ Public Aircraft (Select one)
 ☐ Armed Forces
 ☐ Federal
 ☐ State
 ☐ Local
☐ Unknown

Revenue Operation for FAR 121, 125, 129, 135

(Select one for each group)

- ☐ Scheduled or Commuter ☐ Domestic
☐ Non-Scheduled or Air Taxi ☐ International
☐ Passenger
☐ Cargo
☐ Mail Contract Only

Purpose of Flight for FAR 91, 103, 133, 137

(Select one)

- ☐ Aerial Application ☐ Firefighting
☐ Aerial Observation ☐ Flight Test
☐ Air Drop ☐ Glider Tow
☐ Air Race/Show ☒ Instructional
☐ Banner Tow ☐ Other Work Use
☐ Business ☐ Personal
☐ Executive/Corporate ☐ Positioning
☐ External Load ☐ Skydiving
☐ Ferry ☐ Unknown

Revenue Sightseeing Flight

☐ Yes ☒ No

Air Medical Flight

☐ Yes ☒ No

AIRPORT INFORMATION (Fill in if accident/incident occurred on approach, landing, takeoff, departure, or within 3 miles of an airport)

Airport Name: VANCE BRAND AIRPORT
 Airport Identifier: KCMD
 Proximity to Airport: ☒ Off Airport/Airstrip ☐ On Airport/Airstrip ☐ N/A

Distance From Airport Center: 1/2 sm.
 Direction From Airport: West degrees true
 Airport Elevation: 5056 ft. MSL

Runway Information

Runway ID: 29 Length: 4799 ft. Width: 75 ft.

Runway/Landing Surface (Check all that apply)

- ☒ Asphalt ☐ Grass/Turf ☐ Ice ☐ Snow
☐ Concrete ☐ Gravel ☐ Macadam ☐ Water
☐ Dirt ☐ Helideck ☐ Metal/Wood ☐ Unknown
☐ Elevated Heliport ☐ Heliport ☐ Off-site landing area

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
☐ Slush-Covered ☐ Vegetation ☐ Unknown

Approach/Departure Segment (Select one)

- ☐ Taxi ☐ VFR Departure ☐ On Instrument Approach ☐ Downwind ☐ Low Approach
☐ Takeoff ☐ IFR Departure Procedure/Clearance ☐ Landing ☐ Base ☒ Go Around
☐ Initial Climb ☐ Aborted Landing (after touchdown)
☐ Crosswind ☐ Unknown

IFR Approach (Check all that apply)

- ☐ None
☐ ADF/NDB ☐ PAR ☐ MLS ☐ Practice
☐ SDF ☐ Sidestep ☐ LDA ☐ GPS
☐ VOR/TVOR ☐ ILS ☐ ASR ☐ Unknown
☐ VOR/DME ☐ Localizer Only ☐ Visual
☐ TACAN ☐ LOC-back course ☐ Contact
☐ RNAV ☐ Circling

VFR Approach (Check all that apply)

- ☐ None
☐ Traffic Pattern ☐ Stop and Go
☐ Straight-In ☐ Touch and Go Simulated
☐ Valley/Terrain Following ☐ Forced Landing Forced
☒ Go Around ☐ Landing Precautionary
☐ Full Stop ☐ Landing
☐ Unknown

"FLIGHT CREWMEMBER 1" INFORMATION**"Flight Crewmember 1" Responsibilities at the Time of Accident/Incident**

☐ Captain ☐ First Officer ☐ Pilot ☐ Co-Pilot ☐ Student Pilot ☐ Flight Instructor ☐ Check Pilot ☐ Flight Engineer ☐ Other Flight Crew

"Flight Crewmember 1" was pilot flying ☒ Yes ☐ No

"Flight Crewmember 1" Identification

First Name: GRANT City of Residence: Denver
 Middle Initial: M State: CO ZIP: 80204
 Last Name: STAHULAK Country: USA
 Age at time of Accident/Incident: 31 Date of Birth: [REDACTED] /dd/yyyy)
 Certificate Number: [REDACTED]

Degree of Injury ☒ None ☐ Serious ☐ Unknown ☐ Fatal ☐ Minor		Seat Occupied ☒ Left ☐ Front ☐ Unknown ☐ Right ☐ Rear ☐ Center ☐ Single		Restraint Type Available ☐ None ☐ Lap only ☒ 3-point ☐ 4-point ☐ 5-point ☐ Unknown Used ☐ None ☐ Lap only ☒ 3-point ☐ 4-point ☐ 5-point ☐ Unknown Supplemental Restraint type: _____		Inflatable Restraints ☒ Not Installed ☐ Installed ☐ Not Deployed ☐ Deployed ☐ Unknown
Pilot Certificate(s) (Check all that apply) ☐ None ☐ Flight Instructor ☐ Commercial ☐ US Military ☐ Private ☐ Recreational ☐ Airline Transport ☐ Foreign ☐ Sport ☒ Student ☐ Flight Engineer				Medical Certificate Validity ☒ Without limitations/waivers ☐ Unknown ☐ With limitations/waivers ☐ N/A ☐ Special Issuance		
Principal Occupation ☐ Pilot ☒ Other ☐ Unknown		Medical Certificate ☐ None ☐ Class 3 ☒ Class 1 ☐ Driver's License (Sport Pilot only) ☐ Class 2 ☐ Unknown		Date of Last Medical <u>02/13/2025</u> mm/dd/yyyy		
Medical Certificate Limitations <u>None</u>				Medical Certificate Special Limitations <u>None</u>		

Personal Flight Equipment (Check all that apply)

☐ Fire resistant flight suit ☐ Helmet ☐ Laser protective visor/glasses ☐ Personal locator beacon(s) (PLB) ☐ Fire resistant gloves
☐ Helmet visor ☐ Night vision goggles ☐ Personal flotation ☐ Other: _____

Date of Last Flight Review or Equivalent, Including FAR 121/135 Checks: N/A
 mm/dd/yyyy

Flight Review Aircraft

Make: N/A Student Pilot
 Model: _____

Airplane Rating(s) (Check all that apply) ☐ Single-Engine Land ☐ Single-Engine Sea ☐ Multiengine Land ☐ Multiengine Sea	Other Aircraft Rating(s) (Check all that apply) ☒ None ☐ Airship ☐ Balloon ☐ Glider ☐ Gyroplane ☐ Helicopter ☐ Powered Lift	Instrument Rating(s) (Check all that apply) ☒ None ☐ Airplane ☐ Helicopter ☐ Powered Lift	Instructor Rating(s) (Check all that apply) ☒ None ☐ Airplane Single-Engine ☐ Airplane Multiengine ☐ Gyroplane ☐ Powered lift ☐ Instrument Airplane ☐ Instrument Helicopter ☐ Helicopter ☐ Glider ☐ Sport
---	--	--	--

Type Ratings and Applicable Logbook Endorsements**Student Endorsements** (Include dates)

Solo Endorsement
05/04/2025

Flight Time (Enter hours for each box)	All Aircraft	This Make & Model	Airplane Single Engine	Airplane Multiengine	Night	Instrument		Rotorcraft	Glider	Lighter Than Air	Multi-engine Rotocraft	Tail-wheel
						Actual	Simulated					
Total Time	93.3	93.3	93.3	N/A	17.1	N/A	.6	N/A	N/A	N/A	N/A	N/A
Pilot in Command (PIC)												
Time as Instructor												
This Make/Model												
Last 90 Days												
Last 30 Days												
Last 24 Hours												

"FLIGHT CREWMEMBER 2" INFORMATION 2/A																																																																																																																					
"Flight Crewmember 2" Responsibilities at the Time of Accident/Incident ☐ Captain ☐ First Officer ☐ Pilot ☐ Co-Pilot ☐ Student Pilot ☐ Flight Instructor ☐ Check Pilot ☐ Flight Engineer ☐ Other Flight Crew																																																																																																																					
"Flight Crewmember 2" was pilot flying ☐ Yes ☐ No																																																																																																																					
"Flight Crewmember 2" Identification First Name: _____ Middle Initial: _____ Last Name: _____ Age at time of Accident/Incident: _____ City of Residence: _____ State: _____ ZIP: _____ Country: _____ Date of Birth: _____ (mm/dd/yyyy) Certificate Number: _____																																																																																																																					
Degree of Injury ☐ None ☐ Serious ☐ Unknown ☐ Fatal ☐ Minor		Seat Occupied ☐ Left ☐ Front ☐ Unknown ☐ Right ☐ Rear ☐ Center ☐ Single		Restraint Type Available ☐ None ☐ Lap only ☐ 3-point ☐ 4-point ☐ 5-point ☐ Unknown Used ☐ None ☐ Lap only ☐ 3-point ☐ 4-point ☐ 5-point ☐ Unknown ☐ Supplemental. Restraint type: _____				Inflatable Restraints ☐ Not Installed ☐ Installed ☐ Not Deployed ☐ Deployed ☐ Unknown																																																																																																													
Pilot Certificate(s) (Check all that apply) ☐ None ☐ Flight Instructor ☐ Commercial ☐ US Military ☐ Private ☐ Recreational ☐ Airline Transport ☐ Foreign ☐ Sport ☐ Student ☐ Flight Engineer				Medical Certificate ☐ None ☐ Class 3 ☐ Class 1 ☐ Driver's License (Sport Pilot only) ☐ Class 2 ☐ Unknown				Medical Certificate Validity ☐ Without limitations/waivers ☐ Unknown ☐ With limitations/waivers ☐ N/A ☐ Special Issuance		Date of Last Medical _____ mm/dd/yyyy																																																																																																											
Principal Occupation ☐ Pilot ☐ Other ☐ Unknown				Medical Certificate Limitations				Medical Certificate Special Limitations																																																																																																													
Personal Flight Equipment (Check all that apply) ☐ Fire resistant flight suit ☐ Helmet visor ☐ Helmet ☐ Night vision goggles ☐ Laser protective visor/glasses ☐ Personal flotation ☐ Personal Locator Beacon(s) (PLB) ☐ Other: _____ ☐ Fire resistant gloves																																																																																																																					
Date of Last Flight Review or Equivalent, Including FAR 121/135 Checks: _____ mm/dd/yyyy				Flight Review Aircraft Make: _____ Model: _____																																																																																																																	
Airplane Rating(s) (Check all that apply) ☐ Single-Engine Land ☐ Single-Engine Sea ☐ Multiengine Land ☐ Multiengine Sea		Other Aircraft Rating(s) (Check all that apply) ☐ None ☐ Airship ☐ Balloon ☐ Glider ☐ Gyroplane ☐ Helicopter ☐ Powered Lift		Instrument Rating(s) (Check all that apply) ☐ None ☐ Airplane ☐ Helicopter ☐ Powered Lift		Instructor Rating(s) (Check all that apply) ☐ None ☐ Airplane Single-Engine ☐ Airplane Multiengine ☐ Gyroplane ☐ Powered lift ☐ Instrument Airplane ☐ Instrument Helicopter ☐ Helicopter ☐ Glider ☐ Sport																																																																																																															
Type Ratings and Applicable Logbook Endorsements								Student Endorsements (Include dates)																																																																																																													
<table border="1" style="width: 100%; border-collapse: collapse; text-align: center;"> <thead> <tr> <th rowspan="2" style="width: 15%;">Flight Time (Enter hours for each box)</th> <th rowspan="2" style="width: 5%;">All Aircraft</th> <th rowspan="2" style="width: 5%;">This Make & Model</th> <th rowspan="2" style="width: 5%;">Airplane Single Engine</th> <th rowspan="2" style="width: 5%;">Airplane Multiengine</th> <th rowspan="2" style="width: 5%;">Night</th> <th colspan="2" style="width: 10%;">Instrument</th> <th rowspan="2" style="width: 5%;">Rotorcraft</th> <th rowspan="2" style="width: 5%;">Glider</th> <th rowspan="2" style="width: 5%;">Lighter Than Air</th> <th rowspan="2" style="width: 5%;">Multi-engine Rotorcraft</th> <th rowspan="2" style="width: 5%;">Tail-wheel</th> </tr> <tr> <th>Actual</th> <th>Simulated</th> </tr> </thead> <tbody> <tr> <td>Total Time</td> <td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td> </tr> <tr> <td>Pilot in Command (PIC)</td> <td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td> </tr> <tr> <td>Time as Instructor</td> <td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td> </tr> <tr> <td>This Make/Model</td> <td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td> </tr> <tr> <td>Last 90 Days</td> <td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td> </tr> <tr> <td>Last 30 Days</td> <td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td> </tr> <tr> <td>Last 24 Hours</td> <td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td> </tr> </tbody> </table>												Flight Time (Enter hours for each box)	All Aircraft	This Make & Model	Airplane Single Engine	Airplane Multiengine	Night	Instrument		Rotorcraft	Glider	Lighter Than Air	Multi-engine Rotorcraft	Tail-wheel	Actual	Simulated	Total Time													Pilot in Command (PIC)													Time as Instructor													This Make/Model													Last 90 Days													Last 30 Days													Last 24 Hours												
Flight Time (Enter hours for each box)	All Aircraft	This Make & Model	Airplane Single Engine	Airplane Multiengine	Night	Instrument		Rotorcraft	Glider	Lighter Than Air	Multi-engine Rotorcraft							Tail-wheel																																																																																																			
						Actual	Simulated																																																																																																														
Total Time																																																																																																																					
Pilot in Command (PIC)																																																																																																																					
Time as Instructor																																																																																																																					
This Make/Model																																																																																																																					
Last 90 Days																																																																																																																					
Last 30 Days																																																																																																																					
Last 24 Hours																																																																																																																					

ADDITIONAL FLIGHT CREWMEMBERS (Exclusive of cabin crew, complete the following information.)

Additional Crewmember Information		Seat Occupied	Injury
First Name: <u>MA</u>	City of Residence: _____	☐ Left ☐ Rear ☐ Center ☐ Single ☐ Right ☐ Unknown ☐ Front	☐ None ☐ Minor ☐ Serious ☐ Fatal ☐ Unknown
Middle Initial: _____	State: _____ Zip: _____		
Last Name: _____	Country: _____		
Personal Flight Equipment (Check all that apply) ☐ Fire resistant flight suit ☐ Helmet ☐ Laser protective visor/glasses ☐ Personal locator beacon(s) (PLB) ☐ Fire resistant gloves ☐ Helmet visor ☐ Night vision goggles ☐ Personal flotation ☐ Other: _____			
Pilot Certificate(s) (Check all that apply) ☐ None ☐ Flight Instructor ☐ Commercial ☐ US Military ☐ Private ☐ Recreational ☐ Airline Transport ☐ Foreign ☐ Student ☐ Sport ☐ Flight Engineer		Restraint Type Available ☐ None ☐ Lap Only ☐ 3-point ☐ 4-point ☐ 5-point ☐ Unknown ☐ Supplemental. Restraint type: _____ Used ☐ None ☐ Lap Only ☐ 3-point ☐ 4-point ☐ 5-point ☐ Unknown	Inflatable Restraints ☐ Not Installed ☐ Installed ☐ Not Deployed ☐ Deployed ☐ Unknown
Type Rating/Endorsement for Accident/Incident Aircraft? ☐ Yes ☐ No	Total Flight Time at the Time of this Accident/Incident: _____ hrs.		

Additional Crewmember Information		Seat Occupied	Injury
First Name: <u>MA</u>	City of Residence: _____	☐ Left ☐ Rear ☐ Center ☐ Single ☐ Right ☐ Unknown ☐ Front	☐ None ☐ Minor ☐ Serious ☐ Fatal ☐ Unknown
Middle Initial: _____	State: _____ Zip: _____		
Last Name: _____	Country: _____		
Personal Flight Equipment (Check all that apply) ☐ Fire resistant flight suit ☐ Helmet ☐ Laser protective visor/glasses ☐ Personal Locator Beacon(s) (PLB) ☐ Fire resistant gloves ☐ Helmet visor ☐ Night vision goggles ☐ Personal flotation ☐ Other: _____			
Pilot Certificate(s) (Check all that apply) ☐ None ☐ Flight Instructor ☐ Commercial ☐ US Military ☐ Private ☐ Recreational ☐ Airline Transport ☐ Foreign ☐ Student ☐ Sport ☐ Flight Engineer		Restraint Type Available ☐ None ☐ Lap Only ☐ 3-point ☐ 4-point ☐ 5-point ☐ Unknown ☐ Supplemental. Restraint type: _____ Used ☐ None ☐ Lap Only ☐ 3-point ☐ 4-point ☐ 5-point ☐ Unknown	Inflatable Restraints ☐ Not Installed ☐ Installed ☐ Not Deployed ☐ Deployed ☐ Unknown
Type Rating/Endorsement for Accident/Incident Aircraft? ☐ Yes ☐ No	Total Flight Time at the Time of this Accident/Incident: _____ hrs.		

PASSENGER(S) / OTHER PERSONNEL (Include cabin crew; continue on separate sheet, if necessary.)

Number of Passengers <u>4</u>					
Passenger Information	Seat	Injury	Restraint Type	Inflatable Restraints	Age
First Name: _____ City: _____ Middle Initial: _____ State: _____ Zip: _____ Last name: _____ Country: _____ ☐ Crew ☐ Passenger ☐ Other	☐ Left ☐ Center ☐ Right ☐ Unknown Row: _____	☐ None ☐ Minor ☐ Serious ☐ Fatal ☐ Unknown	Available ☐ None ☐ Lap Only ☐ 3-point ☐ 4-point ☐ 5-point ☐ Unknown ☐ Supplemental. Restraint type: _____	Used ☐ None ☐ Lap Only ☐ 3-point ☐ 4-point ☐ 5-point ☐ Unknown	☐ Not Installed ☐ Installed ☐ Not Deployed ☐ Deployed ☐ Unknown
Personal Flight Equipment (Check all that apply) ☐ Fire resistant flight suit ☐ Helmet ☐ Laser protective visor/glasses ☐ PLB ☐ Fire resistant gloves ☐ Night vision goggles ☐ Helmet visor ☐ Personal flotation ☐ Other: _____					

First Name: _____ City: _____ Middle Initial: _____ State: _____ Zip: _____ Last name: _____ Country: _____ ☐ Crew ☐ Passenger ☐ Other Personal Flight Equipment (Check all that apply) ☐ Fire resistant flight suit ☐ Helmet ☐ Laser protective visor/glasses ☐ PLB ☐ Fire resistant gloves ☐ Night vision goggles ☐ Helmet visor ☐ Personal flotation ☐ Other: _____	☐ Left ☐ Center ☐ Right ☐ Unknown Row: _____	☐ None ☐ Minor ☐ Serious ☐ Fatal ☐ Unknown	Available ☐ None ☐ Lap Only ☐ 3-point ☐ 4-point ☐ 5-point ☐ Unknown ☐ Supplemental. Restraint type: _____	Used ☐ None ☐ Lap Only ☐ 3-point ☐ 4-point ☐ 5-point ☐ Unknown	☐ Not Installed ☐ Installed ☐ Not Deployed ☐ Deployed ☐ Unknown	☐ Under 5 years If under 5 years, ☐ Child Restraint ☐ Lap-Held ☐ Unknown
First Name: _____ City: _____ Middle Initial: _____ State: _____ Zip: _____ Last name: _____ Country: _____ ☐ Crew ☐ Passenger ☐ Other Personal Flight Equipment (Check all that apply) ☐ Fire resistant flight suit ☐ Helmet ☐ Laser protective visor/glasses ☐ PLB ☐ Fire resistant gloves ☐ Night vision goggles ☐ Helmet visor ☐ Personal flotation ☐ Other: _____	☐ Left ☐ Center ☐ Right ☐ Unknown Row: _____	☐ None ☐ Minor ☐ Serious ☐ Fatal ☐ Unknown	Available ☐ None ☐ Lap Only ☐ 3-point ☐ 4-point ☐ 5-point ☐ Unknown ☐ Supplemental. Restraint type: _____	Used ☐ None ☐ Lap Only ☐ 3-point ☐ 4-point ☐ 5-point ☐ Unknown	☐ Not Installed ☐ Installed ☐ Not Deployed ☐ Deployed ☐ Unknown	☐ Under 5 years If under 5 years, ☐ Child Restraint ☐ Lap-Held ☐ Unknown
First Name: _____ City: _____ Middle Initial: _____ State: _____ Zip: _____ Last name: _____ Country: _____ ☐ Crew ☐ Passenger ☐ Other Personal Flight Equipment (Check all that apply) ☐ Fire resistant flight suit ☐ Helmet ☐ Laser protective visor/glasses ☐ PLB ☐ Fire resistant gloves ☐ Night vision goggles ☐ Helmet visor ☐ Personal flotation ☐ Other: _____	☐ Left ☐ Center ☐ Right ☐ Unknown Row: _____	☐ None ☐ Minor ☐ Serious ☐ Fatal ☐ Unknown	Available ☐ None ☐ Lap Only ☐ 3-point ☐ 4-point ☐ 5-point ☐ Unknown ☐ Supplemental. Restraint type: _____	Used ☐ None ☐ Lap Only ☐ 3-point ☐ 4-point ☐ 5-point ☐ Unknown	☐ Not Installed ☐ Installed ☐ Not Deployed ☐ Deployed ☐ Unknown	☐ Under 5 years If under 5 years, ☐ Child Restraint ☐ Lap-Held ☐ Unknown

FLIGHT ITINERARY INFORMATION

Last Departure Point	Time of Departure	Flight Information	Destination	Type Flight Plan Filed
Airport ID: <u>KBJL</u> City: <u>Broomfield</u> State: <u>CO</u> Country: <u>USA</u>	Time: <u>1130</u> Time Zone: <u>MDT</u>	Flight Number: <u>N/A</u> Operating as Flight _____	Airport ID: <u>KLMO</u> City: <u>Longmont</u> State: <u>CO</u> Country: <u>USA</u>	☒ None ☐ Company VFR ☐ Military VFR ☐ VFR ☐ VFR ☐ VFR/IFR ☐ IFR ☐ Unknown Activated? ☐ Yes ☐ No ☐ Unknown

Type of ATC Clearance/Service (Check all that apply) ☒ None					
☐ Certificate of Authorization	☐ Special VFR	☐ Special IFR	☐ VFR Flight Following	☐ Cruise	
☐ VFR	☐ IFR	☐ VFR On Top	☐ Traffic Advisory	☐ Unknown / NA	

Type of ATC Clearance/Service (Check all that apply)					
☐ Class A	☐ Class G	☐ Military Operations Area (MOA)	☐ Special	Altitude of In-Flight Occurrence: _____ ft. MSL	
☐ Class B	☐ Demo Area	☐ Airport Advisory Area	☐ Air Traffic Control Area		
☐ Class C	☐ Warning Area	☐ Jet Training Area	☐ Unknown		
☐ Class D	☐ Prohibited Area	☐ TRSA			
☐ Class E	☐ Restricted Area	☐ FAR 93			

WEATHER INFORMATION AT THE ACCIDENT/INCIDENT SITE					
Source of Pilot Weather Information (Check all that apply) ☐ National Weather Service ☐ Flight Service Station ☐ TV/Radio ☐ Automated Report ☒ Electronic Flight Bag-Application: <u>ForeFlight</u> ☐ On-Board Weather			Weather Observation Facility Facility ID: <u>41A</u> Observation Time: _____ Time Zone: _____ Distance from Accident Site: _____ nm Direction from Accident Site: _____ degrees true		
Basic Conditions ☒ VMC ☐ IMC ☐ Unknown		Lowest Cloud Condition Height <u>visibility</u> _____ ft. AGL		Light Condition ☐ Dawn ☒ Day ☐ Dusk ☐ Night ☐ Dark Night ☐ Bright Night ☐ Unknown	
Sky/Lowest Cloud Condition ☒ Clear ☐ Few ☐ Partial ☐ Obscuration ☐ Scattered ☐ Thin Broken ☐ Thin Overcast ☐ Unknown		Ceiling ☒ None (Clear) ☐ Broken ☐ Overcast ☐ Obscured ☐ Indefinite ☐ Unknown		Ceiling Height _____ ft. AGL	
Altimeter Setting: <u>29.90</u> Hg or _____ mb		Wind Direction ☐ Variable Direction: <u>040</u> degrees true		Wind Speed ☐ Calm ☐ Light and Variable Speed: <u>3</u> kts	
Wind Gusts ☒ Not Gusting or Speed: _____ kts		Visibility <u>UNLIMITED</u> miles RVR: _____ feet RVV: _____ miles Destiny Altitude: _____ ft.			
Type of Precipitation (Check all that apply) ☒ None ☐ Rain ☐ Snow ☐ Hail ☐ Rain Showers ☐ Drizzle ☐ Ice Pellets ☐ Snow Pellets ☐ Snow Grains ☐ Ice Crystals ☐ Freezing Rain ☐ Snow Shower ☐ Ice Pellets Shower ☐ Freezing Drizzle				Restriction to Visibility (Check all that apply) ☒ None ☐ Blowing Dust ☐ Blowing Sand ☐ Blowing Snow ☐ Blowing Spray ☐ Dust ☐ Fog ☐ Ground Fog ☐ Haze ☐ Ice Fog ☐ Smoke ☐ Unknown	
Icing Forecast Amount ☒ None ☐ Trace ☐ Light ☐ Moderate ☐ Severe ☐ Unknown Type ☐ N/A ☐ Rime ☐ Clear ☐ Mixed ☐ Unknown		Intensity of Precipitation ☐ Light ☐ Moderate <u>NOPE</u> ☐ Heavy ☐ N/A ☐ Unknown		Icing Actual Amount ☒ None ☐ Trace ☐ Light ☐ Moderate ☐ Severe ☐ Unknown Type ☐ N/A ☐ Rime ☐ Clear ☐ Mixed ☐ Unknown	
Turbulence (Check all that apply) ☒ None ☐ Clean Air ☐ Terrain-Induced ☐ Convective Turbulence Severity ☐ Light ☐ Moderate ☐ Severe ☐ Extreme					

NOTAMS (D and FDC), AIRMETs, SIGMETs, PIREPs in effect at the time of the accident/incident:

NO NOTAMS

DAMAGE TO AIRCRAFT AND OTHER PROPERTY**Aircraft Damage**

- ☐ None
☐ Minor
☒ Substantial
☐ Destroyed
☐ Unknown

Aircraft Fire

- ☒ None
☐ In-Flight
☐ On-Ground
☐ Both Ground and In-Flight
☐ Fire at Unknown Time
☐ Unknown

Aircraft Explosion

- ☒ None
☐ In-Flight
☐ On-Ground
☐ Both Ground and In-Flight
☐ Fire at Unknown Time
☐ Unknown

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

FLIAPED OVER ON BACK UPON HITTING WIRE
FENCE

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 location, services obtained, and intended destination. Provide as much detail as possible.

I was on final for runway 29 at KLMO, when I discovered that the RPM would not change as I changed throttle position. The RPM was at 2000. I decided then to do a go-around, however I was unable to climb due to low RPM. I tried to add full power, however the engine was unresponsive, when suddenly, the engine quite completely and I executed a soft field landing in a field, doing my best to avoid powerlines and fencing. The winds were 040@3 and everyone was using runway 29. There were two other planes in the pattern with me. I called out "Mayday Mayday, engine out" and executed emergency landing procedures of shutting the fuel valve off, the mixture to cut-off, the ignition switch to off and the master switch off. Unfortunately, I hit a fence that I was unable to avoid, that caused the airplane to flip over.

5/5/2025

OPERATOR/OWNER SAFETY RECOMMENDATION (How could this accident/incident have been prevented?)

None - AC Failed student

MECHANICAL MALFUNCTION/FAILURE (If more space is needed, continue on a separate sheet.)Was there Mechanical Malfunction/Failure? ☒ Yes ☐ No

(If yes, list the name of the part, manufacturer, part no., serial no., and describe the failure.)

UNKNOWN - ENGINE FAILED

Total Time/ Cycles On Part

_____ Hours

_____ Cycles

Time Since This Part Inspected/Overhauled

_____ Hours

FUEL & SERVICES INFORMATION

Fuel on Board at Last Takeoff

(Convert from pounds, as necessary)

38

Gallons

Fuel Type

☒ 100 Low Lead☐ Automotive☐ Jet A☐ Jet A-1☐ Unleaded AV☐ Other, specify _____

Other Services, if any, prior to departure:

EVACUATION OF AIRCRAFTWas an emergency evacuation of the aircraft performed? ☐ Yes ☐ No

Method of Exit – Describe how the occupants exited and how many occupants evacuated each location:

N/A

OTHER AIRCRAFT – COLLISION (If air or ground collision occurred, complete this section for *other* aircraft.)

Aircraft Registration Number

Manufacturer: _____

Damage to Other Aircraft:

☐ Destroyed☐ Substantial☐ Minor☐ None

Model: _____

Registered Owner of Other Aircraft

Pilot of Other Aircraft

Name: _____

Name: _____

City: _____

City: _____

State: _____ ZIP: _____

State: _____ ZIP: _____

Country: _____

Country: _____

ADDITIONAL INFORMATION (Additional space for answers to any question.)

By signing this form, I am consenting to the public release of the information provided herein.

Date of this report:

05/19/2025
mm/dd/yyyy

Name of Pilot/Operator:

GRANT STAHLAIG

Signature:

[Redacted Signature]

-or- ☐ Check here to electronically sign this document

If a person other than Pilot/Operator is filing this report

Name:

Jeffrey CHARIC

Title: CHIEF INSTRUCTOR

Signature:

[Redacted Signature]

-or- ☐ Check here to electronically sign this document

FOR NTSB USE ONLY

NTSB Accident/Incident No.

CEN25LA168

Reviewed by NTSB AS Division

Central Region

Name of Investigator

T. Sorensen

Date Report Received

19 May 2025