

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: Bar Harbor Point State: AK
 ZIP: 99556 Country: USA

Latitude: 59.79466 Longitude: -151.84684

(Enter in decimal degrees or degrees:minutes:seconds)

Accident/Incident Date/Time

Date: 02/28/2025 Local Time: 11:30 am
 mm/dd/yyyy HH:MM

Time Zone: AK Time

Collision with Other Aircraft: ☐ Midair ☐ On-ground ☒ None

AIRCRAFT INFORMATION

Registration Number: N3798Z

Manufacturer: Piper

Model: PA-18-150

Serial Number: 18-7493

Year of Manufacture: 1960

Amateur-Built: ☒ Yes ☐ No If Yes: ☐ Original Design ☐ Kit/Plans

Make: _____

☐ IFR-Equipped and Certified
☐ Commercial Space Flight
☐ Unmanned Aircraft

Maximum Gross Weight: 1750 lbs.

Weight at Time of Accident/Incident: 1575 lbs.

Number of Seats: 2 Flight Crew Seats: 1

Cabin Crew Seats: 1 Passenger Seats: 1

Number of Engines: 1

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
☐ Liquid Rocket
☐ Turbo Shaft
☐ Turbo Prop
☐ Turbo Jet
☐ Turbo Fan
☐ Electric
☐ 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)	Time Since: Inspection (hours) Overhaul (hours)
Eng. 1	<u>Lycoming</u>	<u>O-320-A213</u>	<u>L-12483-27</u>		<u>150</u>	<u>4671.19</u>	<u>1613</u> <u>322.19</u>
Eng. 2							
Eng. 3							
Eng. 4							

Last Inspection Type

- ☐ 100-Hour
☐ AAIP
☒ Annual
☐ Continuous Airworthiness
☐ Condition Inspection
☐ Unknown

Date of Last Inspection: 03/02/2024
 mm/dd/yyyy

Airframe Total Time: 4671.19 hrs

Hours measured at (Select one)

☒ Last Inspection ☐ Time of Accident/Incident

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: _____

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, Number of Axes: _____ Model: _____
☐ Satellite Tracking Device
☐ Stall Warning System
☐ Video Recording Device
☐ Wire Strike Detection
☐ Wire Strike Protection
☐ Other, Specify: _____

ELT Installed: ☒ Yes ☐ No If Yes:

ELT Manufacturer: ACU Technologies

Model or Part No.: E-01

TSO No.: ☐ OC91 (121.5 MHz) ☐ OC91a (121.5 MHz)
☐ OC126 (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: McCawley

Model: 1A175GM8241-44

Propeller 2

- ☐ Fixed Pitch
☐ Controllable Pitch
☐ Ground Adjustable

Manufacturer: _____

Model: _____

OWNER/OPERATOR INFORMATION**Registered Aircraft Owner**Name: William Lovett

Fractional Ownership Aircraft:

☐ Yes☒ NoCity: HomerState: AKZIP: 99603 Country: USA**Operator of Aircraft**☐ The Operator is also the Registered Owner☐ Same address as Registered OwnerName: Andre Lovett

Doing Business As: _____

City: AnchorageState: AK

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

ZIP: 99519 Country: USA**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: Anchorage River airportDistance From Airport Center: 1.15 sm.Airport Identifier: AK00Direction From Airport: 006 degrees trueProximity to Airport: ☒ Off Airport/Airstrip ☐ On Airport/Airstrip ☐ N/AAirport Elevation: 120 ft. MSL**Runway Information**

Runway ID: _____ Length: _____ ft. Width: _____ ft.

Runway/Landing Surface (Check all that apply)

- ☐ Asphalt ☐ Grass/Turf ☐ Ice ☐ Snow
- ☐ Concrete ☒ Gravel ☐ Macadam ☐ Water
- ☐ Dirt ☐ Helideck ☐ Metal/Wood ☐ Unknown
- ☐ Elevated Heliport ☐ Helistop ☐ 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 ☐ Final ☐ 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
- ☐ Valley/Terrain Following ☐ Simulated Forced Landing
- ☐ Go Around ☐ Forced Landing
- ☐ Full Stop ☐ Precautionary 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: Andre

City of Residence: Anchorage

Middle Initial: O

State: AK ZIP: 99519

Last Name: Lovett

Country: USA

Age at time of Accident/Incident: 31

Date of Birth: [REDACTED] (mm/dd/yyyy)

Certificate: [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, specify: _____

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

Principal Occupation

☐ Pilot
☒ Other
☐ Unknown

Medical Certificate

☐ None ☐ Class 3 ☐ Unknown
☒ Class 1 ☐ BasicMed
☐ Class 2 ☐ Driver's License (Sport Pilot only)

Medical Certificate Validity

☒ Without limitations/waivers ☐ Unknown
☐ With limitations/waivers ☐ N/A
☐ Special Issuance

Date of Last Medical

05/15/2023
mm/dd/yyyy

Medical Certificate Limitations

none

Medical Certificate Special Limitations

none

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:

07/12/2023
mm/dd/yyyy

Flight Review Aircraft

Make: Piper
Model: PA-18

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 ☐ Instrument Airplane
☐ Airplane Single-Engine ☐ Instrument Helicopter
☐ Airplane Multiengine ☐ Helicopter
☐ Gyroplane ☐ Glider
☐ Powered lift ☐ Sport

Type Ratings and Applicable Logbook Endorsements

tail-wheel endorsement 8/30/19

Student Endorsements (Include dates)

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	700.75	407.1	698.25	/	37.7	.4	39.1	/	/	/	/	407.1
Pilot in Command (PIC)	664.15	397.1	664.15	/	32.7	/	29.1	/	/	/	/	397.1
Time as Instructor	/	/	/	/	/	/	/	/	/	/	/	/
This Make/Model	27.7 / / / / / / / / / / / /											
Last 90 Days	35.75	35.75	35.75	/	2.4	/	/	/	/	/	/	35.75
Last 30 Days	11.2	11.2	11.2	/	/	/	/	/	/	/	/	11.2
Last 24 Hours	/	/	/	/	/	/	/	/	/	/	/	/

"FLIGHT CREWMEMBER 2" INFORMATION**"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: _____

City of Residence: _____

Middle Initial: _____

State: _____ ZIP: _____

Last Name: _____

Country: _____

Age at time of Accident/Incident: _____

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, specify: _____

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

Principal Occupation

☐ Pilot
☐ Other
☐ Unknown

Medical Certificate

☐ None ☐ Class 3 ☐ Unknown
☐ Class 1 ☐ BasicMed
☐ Class 2 ☐ Driver's License (Sport Pilot Only)

Medical Certificate Validity

☐ Without limitations/waivers ☐ Unknown
☐ With limitations/waivers ☐ N/A
☐ Special Issuance

Date of Last Medical

mm/dd/yyyy

Medical Certificate Limitations**Medical Certificate Special Limitations****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:

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 ☐ Instrument Airplane
☐ Airplane Single-Engine ☐ Instrument Helicopter
☐ Airplane Multiengine ☐ Helicopter
☐ Gyroplane ☐ Glider
☐ Powered lift ☐ Sport

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

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: _____ 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 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.		Supplemental Restraint, specify: _____	
Additional Crewmember Information			Seat Occupied		Injury	
First Name: _____ 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 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.		Supplemental Restraint, specify: _____	
PASSENGER(S) / OTHER PERSONNEL (Include cabin crew; continue on separate sheet, if necessary.)						
Number of Passengers <u>1</u>						
Passenger Information		Seat	Injury	Restraint Type	Inflatable Restraints	Age
First Name: <u>Sarah</u> City: <u>Anchorage</u> Middle Initial: <u>M</u> State: <u>AK</u> Zip: <u>99502</u> Last name: <u>Freestone</u> Country: <u>USA</u> ☐ Crew ☒ Passenger ☐ Other		☐ Left ☒ Center ☐ Right ☐ Unknown Row: <u>2</u>	☒ None ☐ Minor ☐ Serious ☐ Fatal ☐ Unknown	Available ☐ None ☒ Lap Only ☐ 3-point ☐ 4-point ☐ 5-point ☐ Unknown Used ☐ None ☒ Lap Only ☐ 3-point ☐ 4-point ☐ 5-point ☐ Unknown Supplemental Restraint, specify: _____	☒ Not Installed ☐ Installed ☐ Not Deployed ☐ Deployed ☐ Unknown	☐ Under 5 years If under 5 years, ☐ Child Restraint ☐ Lap-Held ☐ 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, specify: _____	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, specify: _____	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, specify: _____	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 Airport ID: <u>PALH</u> City: <u>Anchorage</u> State: <u>AK</u> Country: <u>USA</u>	Time of Departure Time: <u>10:30</u> HH:MM Time Zone: <u>AK</u>	Flight Information Flight Number: _____ Operating as Flight _____	Destination Airport ID: <u>PATD</u> City: <u>Homer</u> State: <u>AK</u> Country: <u>USA</u>	Type Flight Plan Filed ☒ None ☐ Company VFR ☐ Military VFR ☐ VFR ☐ VFR/IFR ☐ IFR ☐ Unknown Activated? ☐ Yes ☐ No ☐ Unknown
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Type of ATC Clearance/Service (Check all that apply)					
☐ Certificate of Authorization	☐ Special VFR	☐ Special IFR	☐ VFR Flight Following	☐ Cruise	
☐ VFR	☐ IFR	☐ VFR On Top	☐ Traffic Advisory	☐ Unknown / NA	
☒ None					
Airspace where the accident/incident occurred (Check all that apply)					
☐ Class A	☒ Class G	☐ Military Operations Area (MOA)	☐ Special		
☐ 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			
Altitude of In-Flight Occurrence: <u>1500</u> ft. MSL					
WEATHER INFORMATION AT THE ACCIDENT/INCIDENT SITE					
Source of Pilot Weather Information (Check all that apply)			Weather Observation Facility		
☒ National Weather Service ☐ Flight Service Station ☐ TV/Radio ☐ Automated Report ☐ Electronic Flight Bag-Application:			Facility ID: <u>PAHO</u> Observation Time: <u>2253</u> Time Zone: <u>UTC</u> Distance from Accident Site: <u>14.3</u> nm Direction from Accident Site: <u>101</u> degrees true		
☐ On-Board Weather					
Basic Conditions		Lowest Cloud Condition	Light Condition		
☒ VMC ☐ IMC ☐ Unknown		Height <u>2916</u> ft. AGL	☐ Dawn ☒ Day ☐ Dusk ☐ Night ☐ Dark Night ☐ Bright Night ☐ Unknown		
Sky/Lowest Cloud Condition		Ceiling	Ceiling Height		
☐ Clear ☒ Few ☐ Partial ☐ Obscuration ☐ Scattered		☐ Thin Broken ☐ Thin Overcast ☐ Unknown	☐ None (Clear) ☐ Broken ☒ Overcast ☐ Obscured ☐ Indefinite ☐ Unknown	Temperature: _____ (°C) or <u>44</u> (°F) Dewpoint: _____ (°C) or <u>37</u> (°F)	
Altimeter Setting:		Wind Direction	Wind Speed	Wind Gusts	Visibility
<u>29.35</u> (Hg), or _____ (mb)		☐ Variable or Direction: <u>80</u> degrees true	☐ Calm ☐ Light and Variable Speed: <u>13</u> kts	☒ Not Gusting or Speed: _____ kts	<u>10 +</u> miles RVR: _____ feet RVV: _____ miles Density Altitude: <u>-230</u> ft.
Type of Precipitation (Check all that apply)				Restriction to Visibility (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				☒ None ☐ Fog ☐ Ground Fog ☐ Haze ☐ Ice Fog ☐ Smoke ☐ Dust ☐ Unknown	
Icing Forecast		Intensity of Precipitation	Icing Actual		Turbulence (Check all that apply)
Amount ☐ None ☐ Trace ☐ Light ☐ Moderate ☐ Severe ☒ Unknown	Type ☒ N/A ☐ Rime ☐ Clear ☐ Mixed ☐ Unknown	☒ Light ☐ Moderate ☐ Heavy ☐ N/A ☐ Unknown	Amount ☐ None ☐ Trace ☐ Light ☐ Moderate ☐ Severe ☒ Unknown	Type ☒ N/A ☐ Rime ☐ Clear ☐ Mixed ☐ Unknown	Type ☒ 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:					
Aircraft Mountain obscuration,					

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.)

Aircraft suffered substantial damage to the last 1/3 of the tail section, both wings, the engine, nose cone, firewall, and left side of the fuselage directly behind the firewall also left strut damage

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.

on separate sheet of paper

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

The only way I see to have potentially prevented the engine failure would be to leave the carb heat running after clearing the initial carb-ice instead of cycling the carb heat on and off at short intervals.

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.)

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)

_____ 36 _____ 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:

the main door to the aircraft immediately after it came to a stop Both occupants exited

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

Aircraft Registration Number

Manufacturer: _____

Model: _____

Damage to Other Aircraft:

☐ Destroyed☐ Substantial☐ Minor☐ None

Registered Owner of Other Aircraft

Name: _____

City: _____

State: _____ ZIP: _____

Country: _____

Pilot of Other Aircraft

Name: _____

City: _____

State: _____ ZIP: _____

Country: _____

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

I HEREBY CERTIFY THAT THE ABOVE INFORMATION IS COMPLETE AND ACCURATE TO THE BEST OF MY KNOWLEDGE.
I understand that the information provided may be subject to public release.

Date of this report:

03/05/2025
mm/dd/yyyy

Name of Pilot/Operator:

Signature:

-or- ☐ Check here to electronically sign this document

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

Name:

Title:

Signature:

-or- ☐ Check here to electronically sign this document

FOR NTSB USE ONLY

NTSB Accident/Incident No.

Reviewed by NTSB AS Division

Name of Investigator

Date Report Received

ANC25LA022

AS-ANC

M.Ward

3/5/2025

N3798Z NTSB Narrative History of flight:

Before departing PALH I contacted Kenai Flight Services for weather updates. Flight service informed me that the freezing level was 2000' MSL and icing was reported from 4000' up to 14,000 MSL. I departed PALH around 10:45am and headed south on a direct path from Potter's Marsh to Anchor Point Airpark. I maintained an altitude of 1500' MSL to avoid the freezing level and the stronger winds higher up. The flight proceeded normally with no issues, we did have a 30 mph tailwind for the entire flight. Around Ninilchik the cloud base was hanging on top of Caribou Hills so I continued my course along the shoreline towards Anchor Point and then onto Homer. While passing Ninilchik airport I increased my throttle setting from 2300 RPM to 2400 RPM. As I increased the throttle I noticed RPMs lag and the engine pitch change and stutter. I interpreted this as Carb Ice so I applied full carb heat, as soon as I applied full carb heat I witnessed a 600+ RPM drop and the engine tried to quit. I closed off carb heat immediately and began to circle Ninilchik airport in case of an engine failure. While I was circling I began to slowly add carb heat in small increments to melt the ice from the Carburetor. After roughly 5 minutes of circling and adding carb heat I determined that the carb ice had all melted off and the engine and carburetor were acting normally. I tested this by adjusting my throttle to different settings from 2000 RPM up to 2600 RPM while also noting the amount of RPM drop when Carb heat was applied. I got a consistent 100 RPM drop which is the same RPM drop I got when I was doing my preflight run-up before departing PALH. After determining the engine was running properly I continued our flight towards anchor point airpark. For the remainder of the flight I periodically applied full carb heat letting it run for 30-60 seconds at a time before closing it off, the way I was instructed during flight training. About 2 miles from Anchor Point airpark I applied carb heat and experienced the same symptoms that I had experienced over Ninilchik. Because I was experiencing the same symptoms as before I used the same carb heat method to clear the carb ice. About 30 seconds after starting to apply carb heat the engine pitch increased quickly before sputtering and running very rough and then quitting entirely. I cycled the starter twice, the engine did not start. We were around 1500' MSL when the engine quit, that put us around 600'-700' AGL. I trimmed for the best rate of glide and began looking for a place for an emergency landing. To my right was the ocean, to my left was the sterling highway which angled 45 degrees away from my position and the bluff and was heading towards caribou hills. Due to the highway angling away from my position and the 30 MPH tailwind I was confident that if I turned the plane to try and intercept the highway I was going to lose too much altitude and get pushed too much by the tailwind to make the highway before ending up in the heavily forested area between myself and the highway. In front of me was a short narrow gravel road surrounded on all sides by tall spruce trees and alders. There were powerlines running along the right side of the gravel road. As I descended towards the road there was a choke point with the trees and powerlines, in order to avoid them I entered a small slip to get below the tree tops and powerlines before correcting the controls again to fly straight along the road. There was the occasional tree branch smacking my wingtips as I flew down the road. Because of the tailwind my ground speed when I got below the tree tops was roughly 85-90 MPH. The road was not very long and took a very sharp turn to the left with a telephone pole at the end. I had intended to hold the plane off the ground for as long as possible in order to bleed the excess speed before touching down. I noticed there was a powerline running across the road directly in my

flight path. I couldn't pull back on the stick and go over it without the tailwind stealing the remaining lift from my wings and causing a stall spin. I pressed the stick forward to go under the powerline and touched down, I did one small bounce before settling the tires on the ground. I kept the tail up and the plane centered in the road while beginning to apply the breaks. At this point a strong gust hit me from the 8 O'Clock position causing the plane to shift to the right just enough for my right wing tip to firmly impact a spruce tree along the road. The plane spun 180 degrees in the blink of an eye and slammed into the tree's left wing first where we came to an immediate stop. I spun around to check on my passenger. She was shaken but not injured, she jumped out of the airplane from the main door while I shut off the fuel valve, magnetos, and master switch, after shutting those things off I also got out of the plane. After confirming that neither of us had any serious injuries I used my cell phone to call for help. Shortly after our help arrived I got the phone number for Mark Ward and called him to inform him of the accident. He gave me permission to move the airplane since it was blocking part of the road.