

NATIONAL TRANSPORTATION SAFETY BOARD PILOT/OPERATOR AIRCRAFT ACCIDENT/INCIDENT REPORT

This form to be used for reporting civil and public aircraft accidents and incidents

BASIC INFORMATION

Accident/Incident Location

Nearest City/Place: Carrabassett Valley State: ME
 ZIP: 04947 Country: USA
 Latitude: 45-05-07.1510N Longitude: 070-12-58.7610W
(Enter in decimal degrees or degrees:minutes:seconds)

Accident/Incident Date/Time

Date: 04/08/2024 Local Time: 11:19
mm/dd/yyyy
 Time Zone: EDT

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

AIRCRAFT INFORMATION

Registration Number: N6465P

Manufacturer: Piper

Model: PA24-250

Serial Number: 24-1580

Year of Manufacture: 1959

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

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

Maximum Gross Weight: 3000 lbs

Weight at Time of Accident/Incident: 2870 lbs

Number of Seats: 4 Flight Crew Seats: 1

Cabin Crew Seats: _____ Passenger Seats: 3

Number of Engines: 1

Category of Aircraft

- ☒ Airplane
☐ Balloon
☐ Blimp/Dirigible
☐ Glider
☐ Gyroplane
☐ Helicopter
☐ Powered Lift
☐ Rocket
☐ Ultralight
☐ Unknown

Type of Airworthiness Certificate (Check all that apply)

- Standard** ☒ Normal ☐ Restricted
☐ Aerobatic ☐ Limited
☐ Balloon ☐ Provisional
☐ Commuter ☐ Special Flight
☐ Transport ☐ Experimental
☐ Utility ☐ Special Light-Sport
☐ Experimental Light-Sport
☐ Certificate of Authorization or Waiver (COA)
☒ None ☐ Unknown

Landing Gear (Check all that apply)

- ☒ Retractable
☒ Tricycle ☐ Tailwheel
☐ Amphibian ☐ High Skid
☐ Emergency Float ☐ Skid
☐ Float ☐ Ski
☐ Hull ☐ Ski/Wheel
☐ Other Launch/Recovery System
☐ None ☐ Unknown

Engine Type (Select one)

- ☒ Reciprocating ☐ Liquid Rocket
☐ Turbo Shaft ☐ Solid Rocket
☐ Turbo Prop ☐ Hybrid Rocket
☐ Turbo Jet ☐ None
☐ Turbo Fan ☐ Unknown
☐ Electric

Fuel System Type (Reciprocating)

- ☒ Carburetor ☐ Fuel-Injected

Engine	Engine Manufacturer	Engine Model/Series	Manufacturer's Serial Number	Date of Mfg. <i>mm dd yyyy</i>	Rated Power ☒ Horsepower or ☐ lbs of Thrust	Total Time (hours)	Time Since: Inspection (hours)	Overhaul (hours)
Eng. 1	Lycoming	O-540-A1D5	L-22702-40A	01/09/2001	250	5211.8	11.3	1346.8
Eng. 2								
Eng. 3								
Eng. 4								

Last Inspection Type

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

Date Last Inspection: 08/19/2023
mm/dd/yyyy

Airframe Total Time: 7051.9 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: _____

Propeller 1

- ☐ Fixed Pitch
☒ Controllable Pitch
☐ Ground Adjustable

Manufacturer: Hartzell

Model: MC-A2MVK-1D

Propeller 2

- ☐ Fixed Pitch
☐ Controllable Pitch
☐ Ground Adjustable

Manufacturer: _____

Model: _____

ELT Installed: ☒ Yes ☐ No

If Yes:

ELT Manufacturer: Artex

Model or Part No.: ELT 345

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

Additional Equipment (Check all that apply)

- ☒ ADS-B
☐ Airframe Parachute
☐ Angle of Attack Indicator
☐ Autopilot
☐ Data Recorder
☒ Electronic Flight Bag or Handheld Device
☐ Electronic Multifunction Display
☐ Electronic Primary Flight Display
☐ Handheld GPS
☐ Heads Up Display
☒ Onboard Weather
☐ Satellite Tracking Device
☒ Stall Warning System
☐ Video Recording Device
☐ Other, Specify: _____

OWNER/OPERATOR INFORMATION**Registered Aircraft Owner**Name: Six Five Papa, Inc.Fractional Ownership Aircraft: ☐ Yes ☒ NoCity: TempleState: NHZIP: 03084Country: USA**Operator of Aircraft**☒ Same As Registered Owner☒ Same Address as Registered Owner

Name: _____

City: _____

Doing Business As: _____

State: _____

ZIP: _____

Air Carrier/Operator Designator (4 Character Code): _____

Country: _____

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 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 ☐ Unknown
☐ 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

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: Sugarloaf Regional AirportAirport Identifier: B21Proximity to Airport: ☐ Off Airport/Airstrip ☒ On Airport/Airstrip ☐ N/ADistance From Airport Center: 0.25 smDirection From Airport: 153 degrees trueAirport Elevation: 880 ft. msl**Runway Information**Runway ID: 35 (L/R/C) Length: 2797 ft Width: 75 ft**Runway/Landing Surface (Check all that apply)**

- ☒ Asphalt ☐ Grass/Turf ☐ Macadam ☐ Water
☐ Concrete ☐ Gravel ☐ Metal/Wood
☒ Dirt ☐ Ice ☐ Snow ☐ Unknown

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 ☐ Unknown
☐ Slush-Covered ☐ Vegetation

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/TWOR ☐ ILS ☐ ASR
☐ VOR/DME ☐ Localizer Only ☐ Visual
☐ TACAN ☐ LOC-back course ☐ Contact
☐ RNAV ☐ Circling
☐ Unknown

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																																																																																																				
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"Flight Crewmember 1" was pilot flying ☒ Yes ☐ No																																																																																																				
"Flight Crewmember 1" Identification First Name: <u>Murray</u> Middle Initial: <u>R</u> Last Name: <u>Collette</u> City of Residence: <u>Temple</u> State: <u>NH</u> ZIP: <u>03084</u> Country: <u>USA</u> Age at time of Accident/Incident: <u>59</u> Date of Birth: [REDACTED] mm/dd/yyyy Certificate Number: [REDACTED]																																																																																																				
Degree of Injury ☒ None ☐ Fatal ☐ Minor ☐ Unknown ☐ Serious			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			Inflatable Restraints ☒ Not Installed ☐ Installed ☐ Not Deployed ☐ Deployed ☐ Unknown																																																																																											
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Principal Occupation ☒ Pilot ☐ Other ☐ Unknown				Medical Certificate ☐ None ☐ Class 3 ☐ Class 1 ☐ Driver's License (Sport Pilot only) ☒ Class 2 ☐ Unknown				Medical Certificate Limitations Not valid for any class after 8/31/2024. Must use corrective lens(es) to meet vision standards at all required distances.																																																																																												
Medical Certificate Special Issuance Yes: Per Aerospace Medical Certification Division (AAM-300) letter dated Sept. 16, 2021, an AME assisted special issuance is authorized for Glaucoma, w/ superior nasal defect right eye controlled with medication.																																																																																																				
Date of Last Flight Review or Equivalent, Including FAR 121/135 Checks: <u>03/31/2024</u> mm/dd/yyyy				Flight Review Aircraft Make: <u>Piper</u> Model: <u>PA24-250</u>																																																																																																
Airplane Rating(s) <i>(Check all that apply)</i> ☐ None ☒ Single-Engine Land ☐ Single-Engine Sea ☐ Multiengine Land ☐ Multiengine Sea			Other Aircraft Rating(s) <i>(Check all that apply)</i> ☒ None ☐ Airship ☐ Balloon ☐ Glider ☐ Gyroplane ☐ Helicopter ☐ Powered Lift			Instrument Rating(s) <i>(Check all that apply)</i> ☐ None ☒ Airplane ☐ Helicopter ☐ Powered Lift		Instructor Rating(s) <i>(Check all that apply)</i> ☒ None ☐ Airplane Single-Engine ☐ Airplane Multi-Engine ☐ Gyroplane ☐ Powered Lift ☐ Instrument Airplane ☐ Instrument Helicopter ☐ Helicopter ☐ Glider ☐ Sport																																																																																												
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"Flight Crewmember 2" was pilot flying ☐ Yes ☐ No																																																																																																				
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ADDITIONAL FLIGHT CREWMEMBERS (Exclusive of cabin crew, complete the following information)						
Crew Name and Address First Name: _____ City of Residence: _____ Middle Initial: _____ State: _____ ZIP: _____ Last Name: _____ Country: _____			Seat Occupied ☐ Left ☐ Center ☐ Right ☐ Front ☐ Rear ☐ Single ☐ Unknown		Injury ☐ None ☐ Minor ☐ Serious ☐ Fatal ☐ Unknown	
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			
Crew Name and Address First Name: _____ City of Residence: _____ Middle Initial: _____ State: _____ ZIP: _____ Last Name: _____ Country: _____			Seat Occupied ☐ Left ☐ Center ☐ Right ☐ Front ☐ Rear ☐ Single ☐ Unknown		Injury ☐ None ☐ Minor ☐ Serious ☐ Fatal ☐ Unknown	
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			
PASSENGER(S) / OTHER PERSONNEL (Include cabin crew; continue on separate sheet if necessary)						
Name and Address	Seat	Injury	Restraint Type	Inflatable Restraints	Age	
First Name: <u>Kevin</u> City: <u>Temple</u> Middle Initial: <u>J</u> State: <u>NH</u> ZIP: <u>03084</u> Last Name: <u>Collette</u> Country: <u>USA</u> ☐ Crew ☒ Passenger ☐ Other	☐ Left ☐ Center ☒ Right ☐ Unknown Row: <u>1</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	☒ Not Installed ☐ Installed ☐ Not Deployed ☐ Deployed ☐ Unknown	☐ Under 5 years If Under 5, ☐ Child Restraint ☐ Lap-Held ☐ Unknown	
First Name: <u>Denise</u> City: <u>Temple</u> Middle Initial: <u>M</u> State: <u>NH</u> ZIP: <u>03084</u> Last Name: <u>Collette</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	☒ Not Installed ☐ Installed ☐ Not Deployed ☐ Deployed ☐ Unknown	☐ Under 5 years If Under 5, ☐ Child Restraint ☐ Lap-Held ☐ Unknown	
First Name: <u>Patricia</u> City: <u>Temple</u> Middle Initial: <u>L</u> State: <u>NH</u> ZIP: <u>03084</u> Last Name: <u>Winebrenner</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	☒ Not Installed ☐ Installed ☐ Not Deployed ☐ Deployed ☐ Unknown	☐ Under 5 years If Under 5, ☐ Child Restraint ☐ Lap-Held ☐ Unknown	
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 Used ☐ None ☐ Lap Only ☐ 3-point ☐ 4-point ☐ 5-point ☐ Unknown	☐ Not Installed ☐ Installed ☐ Not Deployed ☐ Deployed ☐ Unknown	☐ Under 5 years If Under 5, ☐ Child Restraint ☐ Lap-Held ☐ Unknown	

FLIGHT ITINERARY INFORMATION

Last Departure Point

Airport ID: KASH

City: Nashua

State: NH

Country: 03084

Time of Departure

Time: 10:01

Time Zone: EDT

Destination

Airport ID: B21

City: Carrabassett Valley

State: ME

Country: USA

Type Flight Plan Filed

☒ None ☐ VFR/IFR
☐ Company VFR ☐ IFR
☐ Military VFR ☐ Unknown
☐ VFR
 Activated? ☐ Yes ☐ No ☐ Unknown

Type of ATC Clearance/Service (Check all that apply)

☐ None ☐ Special VFR ☐ Special IFR ☒ VFR Flight Following ☐ Cruise
☐ VFR ☐ IFR ☐ VFR On Top ☐ Traffic Advisory ☐ Unknown / NA

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:

_____ ft msl

WEATHER INFORMATION AT THE ACCIDENT/INCIDENT SITE

Source of Pilot Weather Information

(Check all that apply)

☐ National Weather Service ☐ Company
☐ Flight Service Station ☐ Military
☐ TV/Radio ☐ Internet
☒ Automated Report ☐ None
☐ Commercial Weather Service (DUATS) ☐ Unknown
☐ On-Board Weather

Weather Observation Facility

Facility ID: B21
 Observation Time: 11:10
 Time Zone: EDT
 Distance from Accident Site: 0.25 nm
 Direction from Accident Site: 333 degrees true

Basic Conditions

☒ VMC
☐ IMC
☐ Unknown

Light Condition

☐ Dawn ☐ Dusk ☐ Dark Night ☐ Unknown
☒ Day ☐ Night ☐ Bright Night

Sky/Lowest Cloud Condition

☒ Clear ☐ Thin Broken
☐ Few ☐ Thin Overcast
☐ Partial Obscuration ☐ Unknown
☐ Scattered

Lowest Cloud Condition Height

_____ ft agl

Ceiling

☒ None (Clear) ☐ Obscured
☐ Broken ☐ Indefinite
☐ Overcast ☐ Unknown

Ceiling Height

_____ ft agl

Temperature: _____ (C) or _____ (F)

Dew Point: _____ (C) or _____ (F)

Altimeter Setting: 30.00 in. Hg
 or _____ MB

Wind Direction

☐ Variable

-or-
 Direction: 350 degrees true

Wind Speed

☐ Calm
☐ Light and Variable

-or-
 Speed: 7 kts

Wind Gusts

☐ Not Gusting

-or-
 Speed: 15 kts

Visibility >6 miles

RVR: _____ feet

RVV: _____ miles

Density Altitude: _____ ft

Intensity of Precipitation

☐ Light
☐ Moderate
☐ Heavy
☐ N/A
☐ Unknown

Type of Precipitation (Check all that apply)

☒ None ☐ Drizzle ☐ Freezing Rain
☐ Rain ☐ Ice Pellets ☐ Snow Shower
☐ Snow ☐ Snow Pellets ☐ Ice Pellets Shower
☐ Hail ☐ Snow Grains ☐ Freezing Drizzle
☐ Rain Showers ☐ Ice Crystals

Restriction to Visibility (Check all that apply)

☒ None ☐ Fog
☐ Blowing Dust ☐ Ground Fog
☐ Blowing Sand ☐ Haze
☐ Blowing Snow ☐ Ice Fog
☐ Blowing Spray ☐ Smoke
☐ Dust ☐ Unknown

Icing Forecast

Amount ☒ None ☐ N/A
☐ Trace ☐ Rime
☐ Light ☐ Clear
☐ Moderate ☐ Mixed
☐ Severe ☐ Unknown
☐ Unknown

Icing Actual

Amount ☒ None ☐ N/A
☐ Trace ☐ Rime
☐ Light ☐ Clear
☐ Moderate ☐ Mixed
☐ Severe ☐ Unknown
☐ Unknown

Turbulence

Type (Check all that apply)
☐ None ☐ Light
☐ Clear Air ☒ Moderate
☒ Terrain-Induced ☐ Severe
☐ Convective Turbulence ☐ Extreme

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

B21 Airport closed except 6 hrs PPR. (Permission obtained from airport manager via phone on April 6.)
 B21 North Taxiway closed.
 B21 Fuel unavailable until 1700 Local time.

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

- ☐ None ☒ Substantial
☐ Minor ☐ Destroyed
 ☐ Unknown

Aircraft Fire

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

Aircraft Explosion

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

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

Left Main Gear bent rearward, Left Wing & Flap damage .
Right Main Gear collapse, Right Wing damage. Right Tip tank underside damage.
Nose Gear strut sheared; nose gear is below and behind engine
Left Lower Engine Cowl Damage, Exhaust tip damage
Belly damage including at least two lower antennas
Two gear doors & gear parts recovered from the runway.
Prop, hub due to prop strike under full power @ 2575 rpm.

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 PIC of N6465P, a PA24-250 Piper Comanche, enroute from KASH (Nashua, NH) to B21 (Sugarloaf Regional, ME) on the morning of April 8, 2024.

Preflight:

The flight was planned and a weather briefing obtained using Garmin Pilot's iPad and iPhone application. NOTAMs were checked and indicated:

1. B21 was closed unless prior permission is received 6 hours prior. Permission was received from the Airport manager via phone on April 6.

2. North Taxiway was NOTAM'ed as closed (South Taxiway to parking available).

Airport traffic pattern of 2880 ft MSL (2000 ft AGL) was noted due to terrain East and West of the runway.

3. Fuel is unavailable until 1700 Local time.

No ATC delays, SIGMETs or AIRMETs were noted other than parking restrictions at other airports North of KLCI (Laconia, NH) due to increased traffic due to the Eclipse event.

Landing performance calculations were performed using the aircraft POH and FAA approved Airplane Flight Manual resulting in a predicted rollout of 920 ft after touchdown and 1440 ft when approaching over a 50 foot obstacle for the predicted wind, temperature and aircraft load. The performance was well within the planned approach and landing on RW 35 a 2797x75 ft paved surface with a 89 foot displaced threshold for RW35 and sloping up 0.8% from South to North (direction of landing). Take-off distance was calculated at 1280 ft (1900 ft to clear a 50 ft obstacle).

The departure airport was VFR, the enroute weather forecast to be VMC along the entire route and the forecast for the destination was clear, winds out of the North per the nearest TAF. Wind at the destination was confirmed to align with the TAF prior to departure via Garmin Pilot's display of the METAR at K8B0 located 18nm West.

Normal pre-flight checklist was performed including measuring fuel quantity to inform W&B and endurance/performance calculations. 46 gals of usable 100LL were on board enough for the 1.2 hour trip plus return to the departure airport KASH (my planned alternate) at a 14 gal/hr cruise burn rate with more than VFR reserves of fuel remaining.

Weight and balance calculations indicated a takeoff weight/cg of 2988lb/90.3in, landing weight/cg 2920lb/90.27in both within range of the FAA approved revised CG range for this aircraft (see note on gross weight increase for this aircraft below).

Departure:

The aircraft departed KASH at 1401Z for a planned 1.2 hr flight to B21 under Part 91 FR flight rules at 5500 ft. Departure performance was normal for the configuration of the aircraft and current weather conditions. Contact with ATC was established at KASH prior to departure, Boston Approach for transit of the MHT Class C airspace and flight following that continued with Portland Approach and Boston Center until descending below the 5000 ft radio/radar coverage limit in the area of the destination.

The en-route weather was initially smooth, clear and >100SM visibility. Winds Aloft were observed to meet the pre-flight weather briefing predictions.

Another slower aircraft on the same frequency was ahead and descending to the same airport for landing, so I initiated two 360 deg turns for spacing about 8NM South of the field.

—CONTINUED on PAGE 11—

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

Operator/Owner Safety Recommendation

Maintain higher than standard airspeed gust factors for this particular mountainous area approach.

MECHANICAL MALFUNCTION/FAILURE (If more space is needed, continue on 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)

49 (46 usable) _____ Gallons

Fuel Type☐ 80/87☒ 100 Low Lead☐ 100/130☐ 115/145☐ Jet A☐ Jet A-1☐ Jet B☐ JP8☐ Automotive☐ Other, specify _____**Other Services, if Any, Prior to Departure**

Added 1 Quart of Aeroshell 100W Plus oil to the engine.

Checked and serviced tire pressure in all three tires.

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

All occupants exited out the only aircraft door, onto the right wing, stepping onto the ground and then moved away from the aircraft.

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☐ Minor☐ Substantial☐ None**Registered Owner of Other Aircraft**

Name: _____

City: _____

State: _____ ZIP: _____

Country: _____

Pilot of Other Aircraft

Name: _____

City: _____

State: _____ ZIP: _____

Country: _____

ADDITIONAL INFORMATION (Please type or print in ink)

Use this space if additional space is needed for any answers.

This report was filed via email to [REDACTED] (Leah Read), assigned Sr. Air Safety Inspector to this incident on April 21, 2024. Please accept this electronic file sent from my personal email [REDACTED] as my electronic signature.

-----Narrative Continued from Page 9-----

Arrival:

B21 has a traffic pattern altitude of 2000 ft AGL due to higher terrain left and right of the airport.

Winds per the AWOS were noted at top of decent as 350@7G15 indicating that RW 35 is preferred and a 4 knot gust factor is appropriate with no crosswind component. Traffic calls were made on the CTAF frequency.

Given that the surrounding terrain drives a 2000ft above airport traffic pattern and the clear valley approach from the South, I chose to approach from the South (similar to the RNAV A approach) to avoid terrain by following a valley and proceed straight in to RW 35. No other traffic was observed other than the previously mentioned Cessna that touched down as I descended through 4000 ft.

The approach was stabilized throughout all phases. The landing checklist was completed prior to descending to the airport environment. 9 deg of flaps were selected for initial decent, increasing to 18 deg about ½ to ¾ mile out and to 27 deg for landing about ¼ mile out on short final. Gear was confirmed to be down during each change of flap position. Landing configuration was re-confirmed at ¼ mile final. An approach aiming point was selected that would ensure touchdown within 200 ft beyond the displaced threshold of RW35. The target final approach speed of 85 mph was increased by 4 knots (5 mph) to account for reported wind gusts. The runway was clear of traffic.

A sudden descent was noticed on short final at which point I initiated a go around - full throttle, right rudder, pitch for climb/airspeed. However the descent continued to the ground despite the engine appearing to operate normally. Gear was not retracted as a positive rate of climb was not observed.

The left main touched down in mud just short of the pavement, followed by the nose and right gear. At some point the gear separated or collapsed between the initial touchdown point or at the mud to pavement interface (rolling main tire marks were noted in the dirt just short of the pavement). The prop struck the pavement about 50 ft further down the runway while under full power. The aircraft came to a rest about 150 ft further near the centerline of the runway.

Master, fuel and mags were secured off. All personnel were evacuated via the single aircraft door. There were no injuries.

Note: This aircraft by S/N is authorized for a maximum gross weight of 3000lb (cg 90.2 through 95.0 inches) per the installation of STC SA4-1235 (Brittain/Osborne Tip Tanks) when accompanied by the Letter from LAX FAA Certification office dated Feb 5, 1996 (attached for reference).

--END--

I HEREBY CERTIFY THAT THE ABOVE INFORMATION IS COMPLETE AND ACCURATE TO THE BEST OF MY KNOWLEDGE

Date of this Report <u>04/21/2024</u> <i>mm/dd/yyyy</i>	Name of Pilot/Operator: <u>Murray R. Collette</u> Signature: _____ -- or -- ☒ Check here to electronically sign this document
--	---

If a Person Other than Pilot/Operator is Filing Report

Name: _____	Title: _____
Signature: _____	
-- or -- ☐ Check here to electronically sign this document	

FOR NTSB USE ONLY

NTSB Accident/Incident No. ERA24LA177	Reviewed by NTSB Regional Office ERA	Name of Investigator L. Read	Date Report Received 4/21/2024
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