

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: ADVANCE State: NC

ZIP: 27006 Country: DAVE

Latitude: 35.91 N Longitude: 80.46 W

(Enter in decimal degrees or degrees minutes seconds)

Accident/Incident Date/Time

Date: 11/16/20 Local Time: 08:15

Time Zone: EST

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

AIRCRAFT INFORMATION

Registration Number: N451E

Manufacturer: REPUBLIC

Model: RC-3

Serial Number: _____

Year of Manufacture: 1946

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

☐ IFR-Equipped and Certified

☐ Commercial Space Flight

☐ Unmanned Aircraft

Maximum Gross Weight: 3150 lbs

Weight at Time of Accident/Incident: 2400 lbs

Number of Seats: 4 Flight Crew Seats: 1

Cabin Crew Seats: 0 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

☒ Amphibious ☐ 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/Serial	Manufacturer's Serial Number	Date of Mfg. mm/dd/yyyy	Rated Power ☒ Horsepower or ☐ lbs of Thrust	Total Time (hours)	Time Since Inspection (hours)	Time Since Overhaul (hours)
Eng. 1	<u>FRANKLIN</u>				<u>215</u>			
Eng. 2								
Eng. 3								
Eng. 4								

Last Inspection Type

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

Date Last Inspection: 10/12/2020

mm/dd/yyyy

Airframe Total Time: _____ 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: HARTZEL

Model: _____

Propeller 2

- ☐ Fixed Pitch
- ☐ Controllable Pitch
- ☐ Ground Adjustable

Manufacturer: _____

Model: _____

ELT Installed: ☒ Yes ☐ No

If Yes:

ELT Manufacturer: UNKNOWD

Model or Part No.: _____

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: ROGER MENSING

City: 22 FA

State: _____ ZIP: _____

Fractional Ownership Aircraft: ☐ Yes ☒ No

Country: _____

Operator of Aircraft ☐ Same As Registered Owner

Name: EDGAR TELLO

☐ Same Address as Registered Owner

City: _____

Doing Business As: TAKING AIRPLANE TO ROGER

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 135)
- ☐ 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
- ☐ Internal 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: TWIN LAKES AIRPORT

Distance From Airport Center: 1.2 sm

Airport Identifier: 8A7

Direction From Airport: SW (+/-190°) degrees true

Proximity to Airport: ☒ Off Airport/Airstrip ☐ On Airport/Airstrip ☐ N/A

Airport Elevation: 818' ft. msl

Runway Information

Runway ID: N/A (L/R/C) Length: _____ ft Width: _____ 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
- ☐ 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/NDP ☐ PAR ☐ MLS ☐ Precision
- ☐ SDF ☐ Sidestep ☐ LDA ☐ GPS
- ☐ VOR/TVOR ☐ ILS ☐ ASR ☐ Visual
- ☐ VOR/DME ☐ Localizer Only ☐ Contact ☐ Circling
- ☐ TACAN ☐ LOC-back course ☐ RNAV ☐ 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

"Flight Crewmember 1" Responsibilities at the Time of Accident/Incident

☒ 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: EDGAR

City of Residence: CATAWBA

Middle Initial: _____

State: NC

ZIP: 28609

Last Name: TELLO

Country: USA

Age at time of Accident/Incident: 60 Date of Birth: _____

mm/dd/yyyy

Certificate Number: _____

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

Pilot Certificate(s) (Check all that apply)

☐ None
 ☐ Flight Instructor
 ☐ Commercial
 ☐ US Military
 ☐ Private
 ☐ Recreational
 ☒ Airline Transport
 ☐ Foreign
 ☐ Student
 ☐ Sport
 ☐ Flight Engineer

Principal Occupation

☒ Pilot
 ☐ Other
 ☐ Unknown

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

07/29/2020
mm/dd/yyyy

Medical Certificate Limitations

MUST WEAR GLASSES/CORRECTIVE LENSES

Medical Certificate Special Issuance

SPECIAL ISSUANCE DUE TO HEART STENT ON SEPT 2007.

Date of Last Flight Review or Equivalent, Including FAR 121/135 Checks: 06/15/2020
mm/dd/yyyy

Flight Review Aircraft

Make: B767-400 SIMULATOR, UAL
Model: _____

Airplane Rating(s) (Check all that apply)

☐ None
 ☐ 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
 ☐ Instrument Airplane
 ☐ Airplane Multi-Engine
 ☐ Instrument Helicopter
 ☐ Gyroplane
 ☐ Helicopter
 ☐ Glider
 ☐ Powered Lift
 ☐ Sport

Type Ratings

B-757, B-747, B-767, B-777

Student Endorsements (Include dates)

N/A

SEABEX

Flight Time (Enter appropriate number of hours in each box)

	All Aircraft	This Make & Model	Airplane Single Engine	Airplane Multiengine	Night	Instrument		Rotocraft	Glider	Lighter Than Air
Total Time	25,000+	1,400+	5,000+	20,000+	LOTS	LOTS	LOTS	0	0	0
Pilot in Command (PIC)	15,000+	1,300+	4,900+	19,700+	"	"	"	0	0	0
Time as Instructor	3,200	200+	3,000+	0	"	0	0	0	0	0
This Make/Model										
Last 90 Days	2,05+	24.9	24.9	180+	LOTS	LOTS	0	0	0	0
Last 30 Days	70	7	7	63	15	13	0	0	0	0
Last 24 Hours	0	0	0	0	0	0	0	0	0	0

N/A

"FLIGHT CREWMEMBER 2" INFORMATION**"Flight Crewmember 2" Responsibilities at the Time of Accident/Incident**
☒ Pilot
 ☐ CG-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 ☐ 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
Pilot Certificate(s) (Check all that apply) ☐ None ☐ Flight Instructor ☐ Commercial ☐ US Military ☐ Private ☐ Recreational ☐ Airline Transport ☐ Foreign ☐ Student ☐ Sport ☐ Flight Engineer			
Principal Occupation ☐ Pilot ☐ Other ☐ Unknown	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

Medical Certificate Limitations**Medical Certificate Special Issuance**
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) ☐ None ☐ 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 Multi-Engine ☐ Gyroplane ☐ Powered Lift ☐ Instrument Airplane ☐ Instrument Helicopter ☐ Helicopter ☐ Glider ☐ Sport
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Type Ratings**Student Endorsements** (include dates)

Flight Time (Enter appropriate number of hours in each box)	All Aircraft	This Make & Model	Airplane Single Engine	Airplane Multiengine	Night	Instrument		Rotorcraft	Glider	Lighter Than Air
						Actual	Simulated			
Total Time										
Pilot in Command (PIC)										
Time as Instructor										
This Make/Model										
Last 90 Days										
Last 30 Days										
Last 24 Hours										

N/A

ADDITIONAL FLIGHT CREWMEMBERS (Exclusive of cabin crew, complete the following information)							
Crew Name and Address			Seat Occupied		Injury		
First Name: _____ City of Residence: _____			☐ Left ☐ Front ☐ Center ☐ Rear ☐ Right ☐ Single ☐ Unknown ☐ Unknown		☐ None ☐ Minor ☐ Serious ☐ Fatal ☐ Unknown		
Middle Initial: _____ State: _____ ZIP: _____							
Last Name: _____ Country: _____							
Pilot Certificate(s) (Check all that apply)			Restraint Type:		Inflatable Restraints		
☐ None ☐ Flight Instructor ☐ Commercial ☐ US Military ☐ Private ☐ Recreational ☐ Airline Transport ☐ Foreign ☐ Student ☐ Sport ☐ Flight Engineer			Available: ☐ None ☐ Used ☐ Lap Only ☐ Lap Only ☐ 3-point ☐ 3-point ☐ 4-point ☐ 4-point ☐ 5-point ☐ 5-point ☐ Unknown ☐ Unknown		☐ 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			Seat Occupied		Injury		
First Name: _____ City of Residence: _____			☐ Left ☐ Front ☐ Center ☐ Rear ☐ Right ☐ Single ☐ Unknown ☐ Unknown		☐ None ☐ Minor ☐ Serious ☐ Fatal ☐ Unknown		
Middle Initial: _____ State: _____ ZIP: _____							
Last Name: _____ Country: _____							
Pilot Certificate(s) (Check all that apply)			Restraint Type:		Inflatable Restraints		
☐ None ☐ Flight Instructor ☐ Commercial ☐ US Military ☐ Private ☐ Recreational ☐ Airline Transport ☐ Foreign ☐ Student ☐ Sport ☐ Flight Engineer			Available: ☐ None ☐ Used ☐ Lap Only ☐ Lap Only ☐ 3-point ☐ 3-point ☐ 4-point ☐ 4-point ☐ 5-point ☐ 5-point ☐ Unknown ☐ Unknown		☐ 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: _____ City: _____		☐ Left ☐ Center ☐ Right ☐ Unknown Row: _____	☐ None ☐ Minor ☐ Serious ☐ Fatal ☐ Unknown	Available	Used	☐ Not Installed ☐ Installed ☐ Not Deployed ☐ Deployed ☐ Unknown	☐ Under 5 years If Under 5, ☐ Child Restraint ☐ Lap-Held ☐ Unknown
Middle Initial: _____ State: _____ ZIP: _____				☐ None	☐ None		
Last Name: _____ Country: _____				☐ Lap Only	☐ Lap Only		
☐ Crew ☐ Passenger ☐ Other				☐ 3-point	☐ 3-point		
				☐ 4-point	☐ 4-point		
				☐ 5-point	☐ 5-point		
				☐ Unknown	☐ Unknown		
First Name: _____ City: _____		☐ Left ☐ Center ☐ Right ☐ Unknown Row: _____	☐ None ☐ Minor ☐ Serious ☐ Fatal ☐ Unknown	Available	Used	☐ Not Installed ☐ Installed ☐ Not Deployed ☐ Deployed ☐ Unknown	☐ Under 5 years If Under 5, ☐ Child Restraint ☐ Lap-Held ☐ Unknown
Middle Initial: _____ State: _____ ZIP: _____				☐ None	☐ None		
Last Name: _____ Country: _____				☐ Lap Only	☐ Lap Only		
☐ Crew ☐ Passenger ☐ Other				☐ 3-point	☐ 3-point		
				☐ 4-point	☐ 4-point		
				☐ 5-point	☐ 5-point		
				☐ Unknown	☐ Unknown		
First Name: _____ City: _____		☐ Left ☐ Center ☐ Right ☐ Unknown Row: _____	☐ None ☐ Minor ☐ Serious ☐ Fatal ☐ Unknown	Available	Used	☐ Not Installed ☐ Installed ☐ Not Deployed ☐ Deployed ☐ Unknown	☐ Under 5 years If Under 5, ☐ Child Restraint ☐ Lap-Held ☐ Unknown
Middle Initial: _____ State: _____ ZIP: _____				☐ None	☐ None		
Last Name: _____ Country: _____				☐ Lap Only	☐ Lap Only		
☐ Crew ☐ Passenger ☐ Other				☐ 3-point	☐ 3-point		
				☐ 4-point	☐ 4-point		
				☐ 5-point	☐ 5-point		
				☐ Unknown	☐ Unknown		
First Name: _____ City: _____		☐ Left ☐ Center ☐ Right ☐ Unknown Row: _____	☐ None ☐ Minor ☐ Serious ☐ Fatal ☐ Unknown	Available	Used	☐ Not Installed ☐ Installed ☐ Not Deployed ☐ Deployed ☐ Unknown	☐ Under 5 years If Under 5, ☐ Child Restraint ☐ Lap-Held ☐ Unknown
Middle Initial: _____ State: _____ ZIP: _____				☐ None	☐ None		
Last Name: _____ Country: _____				☐ Lap Only	☐ Lap Only		
☐ Crew ☐ Passenger ☐ Other				☐ 3-point	☐ 3-point		
				☐ 4-point	☐ 4-point		
				☐ 5-point	☐ 5-point		
				☐ Unknown	☐ Unknown		

FLIGHT ITINERARY INFORMATION

Last Departure Point Airport ID: <u>NC26</u> City: <u>CATAWBA</u> State: <u>NC</u> Country: <u>CATAWBA</u>	Time of Departure Time: <u>0740</u> Time Zone: <u>EST</u>	Destination Airport ID: <u>8A7</u> City: <u>ADVANCE</u> State: <u>NC</u> Country: <u>DAVIE</u>	Type Flight Plan Filed ☒ None ☐ VFR/IFR ☐ Company VFR ☐ IFR ☐ Military VFR ☐ Unknown ☐ VFR Activated? ☐ Yes ☐ No ☐ Unknown
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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 B ☐ Class C ☐ Class D ☐ Class E ☒ Class G ☐ Demo Area ☐ Warning Area ☐ Prohibited Area ☐ Restricted Area ☐ Military Operations Area (MOA) ☐ Airport Advisory Area ☐ Jet Training Area ☐ TRSA ☐ FAR 93 ☐ Special ☐ Air Traffic Control Area ☐ Unknown Altitude of In-Flight Occurrence: <u>2,000'</u> 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: <u>INT</u> Observation Time: <u>0800</u> Time Zone: <u>EST</u> Distance from Accident Site: <u>22</u> nm Direction from Accident Site: <u>050°</u> degrees true
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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: <u>15</u> (C) or _____ (F) Dew Point: <u>?</u> (C) or _____ (F) Altimeter Setting: <u>?</u> in Hg or _____ MB	

Wind Direction ☒ Variable Direction: _____ degrees true	Wind Speed ☐ Calm ☐ Light and Variable Speed: _____ kts	Wind Gusts ☒ Not Gusting Speed: _____ kts	Visibility <u>CAVU</u> miles RVR: _____ feet RVV: _____ miles Density Altitude: <u>?</u> ft
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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
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Icing Forecast Amount: ☒ None ☐ N/A ☐ Trace ☐ Rime ☐ Light ☐ Clear ☐ Moderate ☐ Mixed ☐ Severe ☐ Unknown	Icing Actual Amount: ☒ None ☐ N/A ☐ Trace ☐ Rime ☐ Light ☐ Clear ☐ Moderate ☐ Mixed ☐ Severe ☐ Unknown	Turbulence Type (Check all that apply) ☒ None ☐ Clear Air ☐ Terrain-Induced ☐ Severe ☐ Convective Turbulence ☐ Extreme
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NOTAMs (D and FDC), AIRMETs, SIGMETs, PIREPs in effect at the time of the accident/incident:

NONE

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)

CRUSHED HULL, COLLAPSED WINGS AND WING STRUTS. CRUSHED FLOORS(2)

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.

SEE ATTACHMENT

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

Operator/Owner Safety Recommendation

NONE

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.)

DON'T KNOW

Total Time/Cycles
On Part____ Hours
____ CyclesTime Since This Part
Inspected/Overhauled

____ Hours

FUEL & SERVICES INFORMATIONFuel on Board at Last Takeoff
(Convert from pounds, as necessary)

4 1/2 13

Gallons

Fuel Type

☐ 80/87☐ 115/145☐ Jet B☐ Other, specify _____☒ 100 Low Lead☐ Jet A☐ JP8☐ 100/130☐ Jet A-1☐ Automotive

Other Services, if Any, Prior to Departure

NONE

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

PILOT'S (LEFT) DOOR.

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

Aircraft Registration Number

N/A

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.

SEE ATTACHMENT

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

Date of this Report

12/10/2020
mm/dd/yyyy

Name of Pilot/Operator: EDGAR TELLO

Signature: [REDACTED]

-- or --

☐ Check here to electronically sign this document

If a Person Other than Pilot/Operator is Filing Report

Name: _____

Signature: _____

Title: _____

-- or --

☐ Check here to electronically sign this document**FOR NTSB USE ONLY**

NTSB Accident/Incident No.

ERA21LA042

Reviewed by NTSB Regional Office

ERA - VA

Name of Investigator

H. Kemner

Date Report Received

12/10/2020

Seabee N451E Accident on 11/16/2020

Accident happened on a Part 91 flight from Long Island Airpark (NC26) to Twin Lake Airport (8A7). Fuel was checked and determined at 12-13 gallons in the tank, flight time was estimated at 20 minutes with a fuel burn of approx 4-5 gallons. Planning a fuel usage of 13 gal/hr. And a 9 kt tailwind. Take off was at 07:45 local time.

Take off, climb and cruise were normal. The estimated tailwind was not there, and while attempting to lean the mixture, the engine ran rough. I pushed the mixture back in a bit, and noticed the cylinder head temperatures (CHT) were high, approaching 500° C. Exhaust gas temperatures (EGTs) were also pretty high, around 1500° C. Had to push the mixture a little more to bring the temperatures in the normal range.

10 sm from the airport, I checked the weather around nearby airports (no weather reporting at 8A7), and winds were mostly calm. I decided to land on Rwy 09 and made an announcement on the handheld radio (aircraft radio inop).

When I pushed the Mixture in for landing, the engine power rolled back to approximately idle. I was +/- 4 sm from the Twin Lakes Airport and approximately 2500' (pattern altitude 1818'). I tried to adjust the mixture to regain engine power to no avail, while at the same time looking for a place to land because it was painfully obvious I was not going to make it to the runway. Found a suitable place to do a forced landing. While setting up to land, the power came up again. I assumed that the cause of the temporary power loss was either water in the fuel tank, or a temporary clog. So I immediately started climbing and headed back to the airport again. I declared an emergency on the airport's frequency (122.7), and lowered the gear; saving the flaps for last. At about 1 nm from the airport, the engine quit completely. There were trees all the way around me, except a small open field at my 5 o'clock position. I aimed the Seabee towards that field, raised the landing gear (recommended Seabee procedure) and selected full flaps. I did whatever was required to maintain 70-80 MPH and leveled the aircraft for the forced landing. Landing slightly downhill. Time was approximately 08:10 am.

Edgar E.T. Tello