

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

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

Accident/Incident Location Nearest City/Place: <u>Shirley</u> State: <u>NY</u> ZIP: <u>11967</u> Country: <u>USA</u> Latitude: _____ Longitude: _____ <i>(Enter in decimal degrees or degrees: minutes: seconds)</i>				Accident/Incident Date/Time Date: <u>02/07/2015</u> Local Time: <u>1308</u> <i>mm/dd/yyyy</i> Time Zone: <u>EST</u> Collision with Other Aircraft: ☐ Midair ☐ On-ground ☒ None				
Registration Number: <u>N5416B</u> Manufacturer: <u>Cessna</u> Model: <u>152</u> Serial Number: <u>15283867</u> Year of Manufacture: <u>1978</u> Amateur-Built: ☐ Yes ☒ No ☐ Kit/Plans ☐ Original Design				☐ IFR-Equipped and Certified ☐ Commercial Space Flight ☐ Unmanned Aircraft Maximum Gross Weight: <u>1151.3</u> lbs Weight at Time of Accident/Incident: _____ lbs Number of Seats: <u>2</u> Flight Crew Seats: _____ Cabin Crew Seats: _____ Passenger Seats: _____ Number of Engines: <u>1</u>				
Category of Aircraft ☒ Airplane ☐ Balloon ☐ Blimp/Dirigible ☐ Glider ☐ Gyroplane ☐ Helicopter ☐ Powered Lift ☐ Rocket ☐ Unmanned ☐ Unknown		Type of Airworthiness Certificate <i>(Check all that apply)</i> Standard ☒ Normal ☐ Aerobatic ☐ Balloon ☐ Commuter ☐ Transport ☐ Utility Special ☐ Restricted ☐ Limited ☐ Provisional ☐ Special Flight ☐ Experimental ☐ Special Light-Sport ☐ Experimental Light-Sport ☐ Certificate of Authorization or Waiver (COA) ☐ None ☐ Unknown		Landing Gear <i>(Check all that apply)</i> ☐ Retractable ☒ Tricycle ☐ Amphibian ☐ Emergency Float ☐ Float ☐ Hull ☐ Other Launch/Recovery System ☐ None ☐ Unknown ☐ Tailwheel ☐ High Skid ☐ Skid ☐ Ski ☐ Ski/Wheel		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/Serial	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-235-N2C	L-20437-15	05/24/2013	110	7305	58	325
Eng. 2								
Eng. 3								
Eng. 4								
Last Inspection Type ☒ 100-Hour ☐ Continuous Airworthiness ☐ AAIP ☐ Conditional Inspection ☐ Annual ☐ Unknown Last Inspection: <u>10/03/2014</u> <i>mm/dd/yyyy</i> Airframe Total Time: <u>13144</u> hrs hours measured at: <i>(Select one)</i> ☒ Last Inspection ☐ Time of Accident/Incident			Propeller 1 ☒ Fixed Pitch ☐ Controllable Pitch ☐ Ground Adjustable Manufacturer: <u>McCauley</u> Model: <u>1A103-tem6858m1</u>			Propeller 2 ☐ Fixed Pitch ☐ Controllable Pitch ☐ Ground Adjustable Manufacturer: _____ Model: _____		
Type of Maintenance Program (Select one) ☒ Annual ☐ Manufacturer's Inspection Program ☐ Other Approved Inspection Program (AAIP) ☐ Continuous Airworthiness ☐ Other, specify: _____			ELT Installed: ☒ Yes ☐ No If Yes: ELT Manufacturer: <u>Pointair</u> Model or Part No.: <u>3080</u> 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			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: _____		
Description of Fire Extinguishing System ☒ None ☐ Specify: _____								

Registered Aircraft Owner Name: <u>Mid Island Air Service</u> Fractional Ownership Aircraft: ☐ Yes ☒ No		City: <u>Ronkonkoma</u> State: <u>NY</u> ZIP: <u>11779</u> Country: <u>USA</u>	
Operator of Aircraft ☒ Same As Registered Owner Name: _____ Doing Business As: _____ Air Carrier/Operator Designator (4 Character Code): _____		☒ Same Address as Registered Owner City: _____ State: _____ ZIP: _____ Country: _____	
Operating Certificates Held <i>(Check all that apply)</i> ☐ 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 <i>(Select one)</i> ☐ Armed Forces ☐ Federal ☐ State ☐ Local ☐ Unknown	
		Revenue Operation for FAR 121, 125, 129, 135 <i>(Select one for each group)</i> ☐ Scheduled or Commuter ☐ Domestic ☐ Non-Scheduled or Air Taxi ☐ International ☐ Passenger ☐ Cargo ☐ Mail Contract Only	
		Purpose of Flight for FAR 91, 103, 133, 137 <i>(Select one)</i> ☐ 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 Name: <u>Brookhaven Calabro Airport</u> Airport Identifier: <u>KHWV</u> Proximity to Airport: ☐ Off Airport/Airstrip ☒ On Airport/Airstrip ☐ N/A		Distance From Airport Center: _____ mi Direction From Airport: _____ degrees true Airport Elevation: _____ ft, msl	
Runway Information Runway ID: <u>24</u> (L/R/C) Length: <u>4200</u> ft Width: <u>100</u> ft Runway/Landing Surface <i>(Check all that apply)</i> ☒ Asphalt ☐ Grass/Turf ☐ Macadam ☐ Water ☐ Concrete ☐ Gravel ☐ Metal/Wood ☐ Unknown ☐ Dirt ☐ Ice ☐ Snow		Condition of Runway/Landing Surface <i>(Check all that apply)</i> ☐ 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 <i>(Select one)</i> ☐ Taxi ☐ VFR Departure ☐ On Instrument Approach ☐ Downwind ☐ Low Approach ☐ Takeoff ☐ IFR Departure Procedure/Clearance ☒ Landing ☐ Base ☐ Go Around ☐ Initial Climb ☐ Final ☐ Crosswind ☐ Aborted Landing (after touchdown) ☐ Unknown			
IFR Approaches <i>(Check all that apply)</i> ☒ 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 Approaches <i>(Check all that apply)</i> ☐ 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" 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: <u>Arel</u> City of Residence: <u>Brooklyn</u> Middle Initial: _____ State: <u>NY</u> ZIP: <u>11201</u> Last Name: <u>English</u> Country: <u>USA</u> Age at time of Accident/Incident: <u>29</u> 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																																																																																											
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Last Departure Point Airport ID: <u>KHWV</u> City: <u>Shirley</u> State: <u>NY</u> Country: <u>USA</u>		Time of Departure Time: <u>12:45</u> Time Zone: <u>EST</u>		Destination Airport ID: <u>KHWV</u> City: <u>Shirley</u> State: <u>NY</u> Country: <u>USA</u>		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							
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: _____ Observation Time: _____ Time Zone: _____ Distance from Accident Site: _____ am Direction from Accident Site: _____ 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		Ceiling ☐ None (Clear) ☐ Obscured ☐ Broken ☐ Indefinite ☒ Overcast ☐ Unknown		Temperature: <u>-03</u> (C) or _____ (F) Dew Point: <u>-09</u> (C) or _____ (F) Altimeter Setting: <u>3018</u> in. Hg or _____ MB			
Lowest Cloud Condition Height _____ ft agl		Ceiling Height <u>10,000</u> ft agl					
Wind Direction ☐ Variable Direction: <u>250</u> degrees true		Wind Speed ☐ Calm ☐ Light and Variable Speed: <u>3</u> kts		Wind Gusts ☐ Not Gusting Speed: _____ kts		Visibility <u>10</u> 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 ☐ Clear 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 Damage			Aircraft Fire		Aircraft Explosion	
☐ None	☐ Substantial		☐ None	☐ Both Ground and In-Flight	☐ None	☐ Both Ground and In-Flight
☐ Minor	☐ Destroyed		☐ In-Flight	☐ Fire at Unknown Time	☐ In-Flight	☐ Explosion at Unknown Time
	☐ Unknown		☐ On-Ground	☐ Unknown	☐ On-Ground	☐ Unknown

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

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

As narrated by Student Arel English

I departed KHWV at approximately 12:45 est to fly traffic pattern so I could finish up my solo time in preparation for my check ride.

On my second landing, I flared too high off the ground, stalled, and landed hard and started bouncing down the runway. I attempted to perform a go-around, but swerved to the left and hit the snow bank on the side of the runway.

Before taking off I got a weather briefing from the ATIS and did a thorough pre-flight.

Operator/Owner Safety Recommendation

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 on Board at Last Takeoff
(Convert from pounds, as necessary)

12 _____ Gallons

Fuel Type

☐ 80/87

☐ 115/145

☐ Jet B

☐ Other, specify _____

☒ 100 Low Load

☐ Jet A

☐ JP8

☐ 100/130

☐ Jet A-1

☐ Automotive

Other Services, if Any, Prior to Departure

Was an emergency evacuation of the aircraft performed? ☐ Yes ☒ No

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

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: _____

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

Date of this Report

3/6/15
mm/dd/yyyy

Name of Pilot/Operator:

Arel English

Signature:

-- or --

☐ Check here to electronically sign this document

If a Person Other than Pilot/Operator is Filing Report

Name:

DAVID J. JENSEN

Title:

GM

Signature:

-- or --

☐ Check here to electronically sign this document

NTSB Accident/Incident No.
ERA15CA126

Reviewed by NTSB Regional Office
ERA

Name of Investigator
R. Hicks

Date Report Received
3/09/2015