

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

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

BASIC INFORMATION

Accident/Incident Location

Nearest City/Place: Bunn State: NC
 ZIP: 27508 Country: Franklin
 Latitude: _____ (dd:mm:ss N/S) Longitude: _____ (ddd:mm:ss E/W)

Date/Time

Date: 04/13/2014 Local Time: 1600 +/-
mm/dd/yyyy
 Time Zone: Eastern

Phase of Operation

☐ Standing ☐ Takeoff (incl. initial climb) ☐ Cruise ☐ Hover
☐ Taxi ☐ Climb ☐ Maneuvering ☐ Other
☐ Descend ☐ Landing ☒ Approach ☐ Unknown

Collision with Other Aircraft

☐ Midair
☐ On-ground
☒ None

Altitude of In-Flight Occurrence

500 ft MSL

AIRCRAFT INFORMATION

Manufacturer: Blanik - LET

Model: L-33 Solo

Serial Number: 970418

Registration Number: N318BA

Amateur-built: ☐ Yes ☒ No

Max Gross Weight: 750 lbs

Weight at Time of Accident/Incident: _____ lbs

Location of Center of Gravity at Time of Accident/Incident:

_____ inches from ☐ nose or ☐ datum
 -or- 70.388 Percent Mean Aerodynamic Cord (% MAC)

Category of Aircraft

☐ Airplane
☐ Balloon
☐ Blimp/Dirigible
☒ Glider
☐ Gyrocraft
☐ Helicopter
☐ Powered lift
☐ Ultralight
☐ Unknown

Type of Airworthiness Certificate (Check all that apply)

Standard
☒ Normal
☐ Utility
☐ Acrobatic
☐ Transport

Special
☐ Restricted
☐ Limited
☐ Provisional
☐ Experimental
☐ Special Flight
☐ Light Sport

Number of Seats: 1

If Large Aircraft, how many seats for:

Flight Crew: _____

Cabin Crew: _____

Passengers: _____

Landing Gear ☐ Retractable

Check any additional landing gear configuration that applies:

☐ Tricycle ☐ Tailwheel
☐ Amphibian ☐ High Skid
☐ Emergency Float ☐ Skid
☐ Float ☐ Ski
☐ Hull ☐ Ski/Wheel
☐ Unknown

Type of Maintenance Program

☒ Annual
☐ Conditional (Amateur-built only)
☐ Manufacturer's Inspection Program
☐ Other Approved Inspection Program (AAIP)
☐ Continuous Airworthiness
☐ Other, specify: _____

Last Inspection Type

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

Date Last Inspection: 05/29/2013

mm/dd/yyyy

Airframe Total Time: 592 hrs

hours measured at (check one)

☐ Last Inspection ☒ Time of Accident/Incident

IFR Equipped

☐ Yes ☒ No ☐ Unknown

Stall Warning System Installed

☐ Yes ☒ No ☐ Unknown

Type of Fire Extinguishing System

☒ None
☐ Specify _____

ELT Installed

☐ Yes ☐ No

ELT Activated

☐ Yes ☐ No

ELT Aided in Locating Accident/Incident

☐ Yes ☒ No

ELT Manufacturer: _____

Model/Series: _____

Serial Number: _____

Battery Type: _____ Battery Exp. Date: _____

Engine Type

☐ Reciprocating ☐ Turbo Jet
☐ Turbo Shaft ☐ Turbo Fan
☐ Turbo Prop ☐ Unknown

Reciprocating Fuel System Type

☐ Carburetor
☐ Fuel Injected

Propeller

☐ Fixed Pitch
☐ Controllable Pitch

Manufacturer: _____

Model: _____

Engine	Engine Manufacturer	Engine Model/Series	Manufacturer's Serial Number	Date of Mfg. <i>mm/dd/yyyy</i>	Engine Rated Power Measured as (check one) ☐ Horsepower or ☐ lbs of Thrust	Total Time (hours)	Time Since Inspection (hours)	Time Since Overhaul (hours)
Eng. 1								
Eng. 2								
Eng. 3								
Eng. 4								

OWNER/OPERATOR INFORMATION**Registered Aircraft Owner**Name: North Carolina Soaring AssociationFractional Ownership Aircraft: ☐ Yes ☐ No**Operator of Aircraft**☐ Same As Registered OwnerName: North Carolina Soaring Association

Doing Business As: _____

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

Owner AddressCity: ZebulonState: NC ZIP: 27597

Country: _____

Operator Address☒ Same As Registered Owner

City: _____

State: _____ ZIP: _____

Country: _____

Regulation Flight Conducted Under

- | | | | |
|--|----------------------------------|---|--|
| ☒ FAR 91 | ☐ FAR 129 | ☐ FAR 91 Special Flight | ☐ Public Use (select type) |
| ☐ FAR 103 | ☐ FAR 133 | ☐ Non-US, Commercial | ☐ Federal ☐ State ☐ Local |
| ☐ FAR 121 | ☐ FAR 135 | ☐ Non-US, Non-commercial | ☐ Unknown |
| ☐ FAR 125 | ☐ FAR 137 | ☐ Armed Forces | |

Revenue Sightseeing Flight☐ Yes ☐ No**Air Medical Flight**☐ Yes ☐ No**Purpose of Flight**

for FAR 91, 103, 133, 137 (Select one)

- ☒ Personal
☐ Business
☐ Executive/Corporate
☐ Other Work Use
☐ Instructional
☐ Ferry
☐ Positioning
☐ Aerial Application
☐ Aerial Observation
☐ Air Drop
☐ Air Race / Show
☐ Flight Test
☐ Public Use
☐ Unknown

Revenue Operation

for FAR 121, 125, 129, 135 (Select one)

- ☐ Scheduled or Commuter
☐ Non-Scheduled or Air Taxi

Domestic or International☐ Domestic ☐ International**Cargo Operation**

- ☐ Passenger/Cargo
☐ Passenger _____ How many?
☐ Cargo _____ lbs
☐ Mail

Type of Commercial Operating Certificate Held

(Check all that apply)

- ☐ None
☐ Flag Carrier Operating Certificate (121)
☐ Supplemental
☐ Air Cargo
☐ Foreign Air Carriers (129)
☐ Commuter Air Carrier (135)
☐ On-Demand Air Taxi (135)
☐ Large Helicopter (127)
☐ Rotorcraft External Load (133)
- or -
☐ Agricultural Aircraft (137)
☐ Other Operator of Large 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

First Name: _____

City: _____

Middle Initial: _____

State: _____ ZIP: _____

Last Name: _____

Country: _____

Pilot of Other Aircraft

First Name: _____

City: _____

Middle Initial: _____

State: _____ ZIP: _____

Last Name: _____

Country: _____

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

Was there Mechanical Malfunction/Failure? ☐ Yes ☐ No ☐ Unknown
(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

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

☐ None	☒ Substantial
☐ Minor	☐ Destroyed

Aircraft Fire

☒ None	☐ Both Ground and In-Flight
☐ In-Flight	☐ Unknown Origin
☐ On-Ground	

Aircraft Explosion

☒ None	☐ Both Ground and In-Flight
☐ In-Flight	☐ Unknown Origin
☐ On-Ground	

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

Aircraft impacted the ground after a stall. Substantial damage to nose, fuselage, wings, tail.

AIRPORT INFORMATION (if the accident/incident occurred on approach, takeoff or within 3 miles of an airport, complete this section)Airport Identifier: 7NC5Distance From Airport Center: 1 SMAirport Name: Crooked CreekDirection From Airport: 020 degrees MAGProximity to Airport ☒ Off Airport/Airstrip ☐ On Airport ☐ On AirstripAirport Elevation: 250 ft. MSL**Approach Segment** (Select one)☐ On Instrument Approach ☐ Landing ☒ Base leg ☐ Final ☐ Go Around
☐ Crosswind ☐ Downwind ☐ Low Approach ☐ Aborted Landing (after touchdown)**IFR Approach** (Check all that apply)☐ None ☐ PAR ☐ MLS ☐ Practice
☐ ADF/NDB ☐ Sidestep ☐ LDA ☐ GPS
☐ SDF ☐ ILS ☐ ASR ☐ Loran
☐ VOR/TVOR ☐ Localizer Only ☐ Visual ☐ Unknown
☐ VOR/DME ☐ LOC-back course ☐ Contact
☐ TACAN ☐ RNAV ☐ Circling**VFR Approach** (Check all that apply)☐ None ☐ Stop and Go
☒ Traffic Pattern ☐ Touch and Go
☐ Straight-In ☐ Simulated Forced Landing
☐ Valley/Terrain Following ☐ Forced Landing
☐ Go Around ☐ Precautionary Landing
☐ Full Stop ☐ Unknown**Runway Information**Runway ID: 04/22 (L/R/C) Length: 2,500 ft Width: 60 ft**Runway/Landing Surface** (Check all that apply)☐ Asphalt ☒ Grass/Turf ☐ Macadam ☐ Water
☐ Concrete ☐ Gravel ☐ Metal/Wood ☐ Unknown
☐ Dirt ☐ Ice ☐ Snow**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**FLIGHT ITINERARY INFORMATION****Last Departure Point**Airport ID: 7NC5City: BunnState: NCCountry: USA**Time of Departure**Time: 1530 +/-Time Zone: Eastern**Destination**Airport ID: 7NC5

City: _____

State: _____

Country: _____

Type Flight Plan Filed☒ None ☐ VFR/IFR
☐ Company VFR ☐ IFR
☐ Military VFR ☐ Unknown
☐ VFRActivated? ☐ Yes ☐ No**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 E ☐ Prohibited Area ☐ Jet Training Area ☐ Special
☐ Class B ☒ Class G ☐ Restricted Area ☐ TRSA ☐ Air Traffic Control Area
☐ Class C ☐ Demo Area ☐ Military Operations Area (MOA) ☐ FAR 93 ☐ Unknown
☐ Class D ☐ Warning Area ☐ Airport Advisory Area**Aircraft Load Description** (Check all that apply)☐ None ☐ Towing Glider ☐ Parachutists ☐ Livestock
☒ Passengers ☐ Towing Banner ☐ Water ☐ Unknown
☐ Cargo ☐ Other External ☐ Chemical/Fertilizer/Seeds**FUEL & SERVICES INFORMATION****Fuel on Board at Last Takeoff**

(convert from pounds, as necessary)

_____ Gallons

Fuel Type☐ 80/87 ☐ 115/145 ☐ JP3 ☐ Other, specify _____
☐ 100 Low Lead ☐ Jet A ☐ JP4
☐ 100/130 ☐ Automotive ☐ JP5**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

Pilot was the only occupant, and was pinned in the cockpit as the nose had crushed his right foot between the right rudder pedal and instrument pedestal. He was removed by hydraulic shear cutting away enough of the forward cockpit to remove his foot.

WEATHER INFORMATION AT THE ACCIDENT/INCIDENT SITE**Weather Observation Facility**Facility ID: KLHZObservation Time: 12:00Time Zone: EasternDistance from Accident Site: 6 NMDirection from Accident Site: 330 degrees MAG**Source of Weather Information**

(Check all that apply)

- | | |
|---|-----------------------------------|
| ☐ National Weather Service | ☐ Company |
| ☐ Flight Service Station | ☐ Military |
| ☐ TV/Radio | ☐ Internet |
| ☒ Automated Report | ☐ Unknown |
| ☐ Commercial Weather Service (DUATS) | |

Method of Briefing

(Check all that apply)

- | |
|--|
| ☐ In Person |
| ☐ Teletype |
| ☐ Telephone/Computer |
| ☒ Aircraft Radio |
| ☐ TV/Radio |
| ☐ Unknown |

Briefing Type/Completeness

- | | |
|---|---|
| ☐ Full | ☐ Abbreviated |
| ☐ Partial / Limited By Pilot | ☒ Unknown |
| ☐ Partial / Limited By Briefer | ☐ Not Pertinent |

Light Condition

- | | | |
|---|--------------------------------|---------------------------------------|
| ☐ Dawn | ☐ Dusk | ☐ Dark Night |
| ☒ Day | ☐ Night | ☐ Bright Night |
| | | ☐ Not Reported |

Visibility10 miles**Sky/Lowest Cloud Condition**

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

Ceiling

- | | |
|--|-------------------------------------|
| ☒ None (clear) | ☐ Obscured |
| ☐ Broken | ☐ Indefinite |
| ☐ Overcast | ☐ Unknown |

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 |

Lowest Cloud Condition Height

ft AGL

Ceiling Height

ft AGL

Wind Direction☐ Indicated:
230 degrees MAG☐ Variable**Wind Speed**Velocity: 10 KTS

-or-

- | |
|---|
| ☐ Calm |
| ☐ Light and Variable |

Wind GustsVelocity: 15 KTS

- | |
|--------------------------------------|
| ☐ Gusting |
| ☐ Not Gusting |

Type of Turbulence (Check all that apply)

- | | |
|---|---|
| ☐ None | ☐ In Clouds |
| ☒ Clear Air | ☐ Vicinity of Thunderstorm |

Severity of Turbulence

- | | | |
|----------------------------------|--|--------------------------------|
| ☐ Extreme | ☒ Moderate | ☐ Light |
| ☐ Severe | ☐ Moderate Chop | |

NOTAMs (D, L and FDC), AIRMETs, SIGMETs, PIREPs in effect at the time of the accident/incidentTemperature: _____ (C)
or _____ (F)Altimeter Setting: _____ in. HG
or _____ MB

Density Altitude: _____ ft

Dew Point: _____ (C)
or _____ (F)**Icing Forecast**

Amount

- | | |
|--------------------------------|-----------------------------------|
| ☐ None | ☐ Moderate |
| ☐ Trace | ☐ Severe |
| ☐ Light | |

Type

- | |
|--------------------------------|
| ☐ Rime |
| ☐ Clear |
| ☐ Mixed |

Icing Actual

Amount

- | | |
|--------------------------------|-----------------------------------|
| ☐ None | ☐ Moderate |
| ☐ Trace | ☐ Severe |
| ☐ Light | |

Type

- | |
|--------------------------------|
| ☐ Rime |
| ☐ Clear |
| ☐ Mixed |

Type of Precipitation (Check all that apply)

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

Intensity of Precipitation

- | | | |
|--------------------------------|-----------------------------------|--------------------------------|
| ☐ Light | ☐ Moderate | ☐ Heavy |
|--------------------------------|-----------------------------------|--------------------------------|

PILOT "A" INFORMATION**Pilot "A" Responsibilities at the Time of Accident/Incident**

☒ Pilot ☐ Co-Pilot ☐ Student Pilot ☐ Flight Instructor ☐ Check Pilot ☐ Flight Engineer ☐ Other Flight Crew

Pilot "A" IdentificationFirst Name: JohnMiddle Initial: H.Last Name: WhatleyCity: CaryState: NCZIP: 27511Country: USAAge at time of Accident/Incident: 57Date of Birth: mm/dd/yyyyCertificate Number: mm/dd/yyyy**Degree of Injury**

☐ None ☐ Fatal
☐ Minor ☐ Unknown
☒ Serious

Seat Occupied

☐ Left ☐ Front ☐ Unknown
☐ Right ☐ Rear
☒ Center ☐ Single

Seat Belt

Used ☒ Yes ☐ No
Available ☐ Yes ☐ No

Shoulder Harness

Used ☒ Yes ☐ No
Available ☐ Yes ☐ No

Pilot Certificate(s) (Check all that apply)

☐ None ☐ Student ☐ Recreational ☐ Commercial ☐ Flight Engineer ☐ Foreign
☐ Private ☐ Flight Instructor ☐ Sport ☒ Airline Transport ☐ U.S. Military

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
☐ With limitations/waivers
☒ Unknown

Date of Last Medical10/16/2013mm/dd/yyyy**Medical Certificate Limitations****Medical Certificate Waivers****Date of Last Flight Review or Equivalent, Including FAR 121/135 Checks:**11/22/2013mm/dd/yyyy**Flight Review Aircraft**Make: R-18 Tng.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
☐ Free 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 Multi-Engine ☐ Helicopter
☐ Gyroplane ☐ Glider
☐ Powered Lift ☐ Sport

Type Ratings

B-757, B-767, B-777, FK-100, L-133

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	12,650	110	316	12,334					150	
Pilot in Command (PIC)										
Time as Instructor										
This Make/Model										
Last 90 Days		1								
Last 30 Days		1								
Last 24 Hours		0								

PILOT "B" INFORMATION

Pilot "B" Responsibilities at the Time of Accident/Incident

☐ Pilot ☐ Co-Pilot ☐ Student Pilot ☐ Flight Instructor ☐ Check Pilot ☐ Flight Engineer ☐ Other Flight Crew

Pilot "B" Identification

First Name: _____ City: _____
 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

Seat Belt

Used ☐ Yes ☐ No
 Available ☐ Yes ☐ No

Shoulder Harness

Used ☐ Yes ☐ No
 Available ☐ Yes ☐ No

Pilot Certificate(s) (Check all that apply)

☐ None ☐ Student ☐ Recreational ☐ Commercial ☐ Flight Engineer ☐ Foreign
☐ Private ☐ Flight Instructor ☐ Sport ☐ Airline Transport ☐ U.S. Military

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
☐ With limitations/waivers
☐ Unknown

Date of Last Medical

____ mm/dd/yyyy

Medical Certificate Limitations

Medical Certificate Waivers

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
☐ Free 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 Multi-Engine ☐ Helicopter
☐ Gyroplane ☐ Glider
☐ Powered Lift ☐ Sport

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										

ADDITIONAL FLIGHT CREW MEMBERS (Exclusive of cabin attendants, complete the following information)

Pilot Name and Address First Name: _____ City: _____ Middle Initial: _____ State: _____ ZIP: _____ Last Name: _____ Country: _____		Degree of Injury ☐ None ☐ Fatal ☐ Minor ☐ Unknown ☐ Serious
Pilot Certificate(s) (Check all that apply) ☐ None ☐ Student ☐ Recreational ☐ Commercial ☐ Flight Engineer ☐ Foreign ☐ Private ☐ Flight Instructor ☐ Sport ☐ Airline Transport ☐ U.S. Military		Seat Occupied ☐ Left ☐ Front ☐ Right ☐ Rear ☐ Center ☐ Single ☐ Unknown
Type Rating/Endorsement for Accident/Incident Aircraft? ☐ Yes ☐ No	Total Flight Time at the Time of this Accident/Incident: _____ hrs	

Pilot Name and Address First Name: _____ City: _____ Middle Initial: _____ State: _____ ZIP: _____ Last Name: _____ Country: _____		Degree of Injury ☐ None ☐ Fatal ☐ Minor ☐ Unknown ☐ Serious
Pilot Certificate(s) (Check all that apply) ☐ None ☐ Student ☐ Recreational ☐ Commercial ☐ Flight Engineer ☐ Foreign ☐ Private ☐ Flight Instructor ☐ Sport ☐ Airline Transport ☐ U.S. Military		Seat Occupied ☐ Left ☐ Front ☐ Right ☐ Rear ☐ Center ☐ Single ☐ Unknown
Type Rating/Endorsement for Accident/Incident Aircraft? ☐ Yes ☐ No	Total Flight Time at the Time of this Accident/Incident: _____ hrs	

Pilot Name and Address First Name: _____ City: _____ Middle Initial: _____ State: _____ ZIP: _____ Last Name: _____ Country: _____		Degree of Injury ☐ None ☐ Fatal ☐ Minor ☐ Unknown ☐ Serious
Pilot Certificate(s) (Check all that apply) ☐ None ☐ Student ☐ Recreational ☐ Commercial ☐ Flight Engineer ☐ Foreign ☐ Private ☐ Flight Instructor ☐ Sport ☐ Airline Transport ☐ U.S. Military		Seat Occupied ☐ Left ☐ Front ☐ Right ☐ Rear ☐ Center ☐ Single ☐ 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 flight attendants; continue on separate sheet if necessary)

Name and Address	Seat	Crew	Non-Revenue	Revenue	Non-Occupant	FAA	Fatal	Serious Injury	Minor Injury	No Injury	Unknown
First Name: _____ City: _____ Middle Initial: _____ State: _____ ZIP: _____ Last Name: _____ Country: _____											
First Name: _____ City: _____ Middle Initial: _____ State: _____ ZIP: _____ Last Name: _____ Country: _____											
First Name: _____ City: _____ Middle Initial: _____ State: _____ ZIP: _____ Last Name: _____ Country: _____											
First Name: _____ City: _____ Middle Initial: _____ State: _____ ZIP: _____ Last Name: _____ Country: _____											
First Name: _____ City: _____ Middle Initial: _____ State: _____ ZIP: _____ Last Name: _____ Country: _____											
First Name: _____ City: _____ Middle Initial: _____ State: _____ ZIP: _____ Last Name: _____ Country: _____											
First Name: _____ City: _____ Middle Initial: _____ State: _____ ZIP: _____ Last Name: _____ Country: _____											
First Name: _____ City: _____ Middle Initial: _____ State: _____ ZIP: _____ Last Name: _____ Country: _____											

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 time and point of departure, intended destination, and services obtained.

On the day of the accident, John Whatley was the designated towpilot for the North Carolina Soaring Association. Weather conditions for the day were gusty, with significant turbulence, but excellent thermal lift conditions for the gliders previously flown, including the L-33 involved in the accident. After doing the previous tows, John decided he would like to fly the L-33 single place glider, if I would tow him, as he wanted to take advantage of the good soaring conditions. We agreed that I would tow him to 3,000' AGL, unless he encountered significant thermal lift, in which case he would release early. We departed on runway 22 at approximately 15:30, almost directly into the wind, which at the surface was approximately 10 knots, gusting to perhaps 15 knots. We climbed on runway heading to approximately 800' AGL, at which point I initiated a turn back toward the runway, continuing the climb. We passed the runway, continued downwind of the airfield, and approximately a mile north of the field, I initiated a left turn, intending to arrive at 3,000' upwind of the airfield, and slightly to the west, over a church parking lot that often generated thermals. As we approached 2,000' AGL at that point, we encountered very strong thermal lift, and John released. I returned to the field, dropped the towrope, landed and parked the towplane, and was conversing with two other pilots at the field when John called on the radio and announced he was returning to the field for landing. I asked if he was going to want another tow, as the flight was short, and he replied in the affirmative. At that point, the other two pilots, who were facing in that direction saw John enter an abbreviated downwind for runway 22. They both commented that he was pretty low. I turned to look for the sailplane, but by that time he was behind some trees on the north side of the airfield. We were all watching to see him appear on final approach when we heard the sound of the crash. We all ran to the site, which was in an open wheatfield, approximately 300 acres in size, and the impact point was approximately 700' from the trees adjacent to the runway. It appeared from the nose impact crater and gouges where the left wing hit that the glider was in the approximately correct position for a base leg for runway 22 when it hit. It appeared that the left wing and nose impacted almost simultaneously, and the aircraft spun 90 degrees to the left after impact. The wings had separated from the attach points on the fuselage, but the spars remained intact and still connected. The wing was lying in approximately correct position on top of the fuselage, but no longer connected to it. The fuselage had rotated to approximately a 45 degree angle to the left of vertical. It appeared that the glider impacted at approximately a 45 degree down angle. John, the pilot, was unconscious, bleeding profusely from his head, with blood frothing from his nose. A neighbor lady, who happened to be a registered nurse had already arrived at the site, and we raised his head to keep him from choking on blood. He was pinned into the cockpit, as the nose had crushed against the right rudder pedal and pinned his foot between the rudder pedal and the instrument console between the pilot's legs. It was obvious the his right ankle was broken, as it was in a very unnatural position. Neighbors had already called 911, so fire and rescue personnel arrived within 10 minutes, and were able to cut the fuselage away enough to extricate the pilot. They had also called Lifeflight, so he was taken by helicopter to Wake Medical Center in Raleigh, NC, where he remains to this date. He regained consciousness during the extrication process, but didn't remember anything about the accident. He is still undergoing treatment at Wake Medical Center in Raleigh, NC. He suffered severe fractures of both ankles, a broken left fibia, severely damaged left knee, cracked vertebra, fractured sinus, and cuts to head, face, and abdomen. The canopy of the glider had shattered, causing the numerous cuts.

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

Operator/Owner Safety Recommendation

ADDITIONAL INFORMATION *(Please type or print in ink)*

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

I HEREBY CERTIFY THAT THE ABOVE INFORMATION IS COMPLETE AND ACCURATE TO THE BEST OF MY KNOWLEDGE**Date of this Report**

05/04/2014

*mm/dd/yyyy***Signature and Name of Pilot/Operator**

Signature: _____

Type or Print Name: _____

Signature and**Report if Other than Pilot/Operator**

Signature: _____

Type or Print Name: Frank W. Swett

Title: Chief Towpilot, North Carolina Soaring Association

FOR NTSB USE ONLY**NTSB Accident/Incident No.**

ERA14LA199

Reviewed by NTSB Regional Office

Ashburn, VA

Name of Investigator

Monville

Date Report Received

5/9/2014