

Region 4 South 2018
Hosted by Blue Ridge Soaring Society



SSA Sanctioned Contest
September 24-29, 2018
Practice days September 22-23

Daily PILOTS MEETINGS at 9:30 am at Towplane Tavern
Mandatory Safety Meeting, Monday Sept 24th 9:00am
New-to-New Castle Orientation, Sunday Sept 23th 10:00am

WELCOME TO THE CONTEST

Greetings!

It is that time again - Region 4 South at New Castle, the week of flying, food, fun and friendship to which we all so look forward. While our managers Sandra & Lorie (with the active support of our members) have put in considerable time and talent to assure a great week it is, however, the presence of our guest pilots and crew that is the icing on our cake.

Welcome to New Castle!!

John Molumphy

For the Blue Ridge Soaring Society

CONTEST PERSONNEL

Contest Managers	Lorie Smith, Sandra Danoff	R4SContest@gmail.com
Contest Director/ Meteorologist	Richard Kellerman	richard.kellerman@gmail.com
Chief Tow Pilot/ Other Tow Pilots	Kelly Naber/ Gary Naber, John Molumphy, Chris Heinl	Knaber0902@gmail.com
Ground Operations	Jim Cole	jcole99@cox.net
Contest Reporter	Marshall McClung	marshallmclung@gmail.com
Retrieve Office	Lianne Groshel Dianne Black-Nixon	lgroshel@gmail.com deltabravo2@optimum.net
Scorer	Sandra Danoff	On Task Sheet

The Region 4 South contest is made possible by an incredible group of volunteers. A special thanks to the contest advisors for this year's contest who gave valuable input throughout the planning process. (**Kyle Adams, John Godfrey, Elaine Heinl, Jim Cole, Richard Kellerman, Marshall McClung, and John Molumphy**). The contest managers would like to recognize the extraordinary contributions of members of the Blue Ridge Soaring Society and the many other friends of soaring who make this contest successful. I hope you will join us in thanking each and every one:

Adams, Kyle Buckley, Pat Black-Nixon, Dianne Cole, Charlie Cole, Jim Doherty, Jacqueline Frantz, Lanier, Thecla and Cole Godfrey, John	Gravelly, Whit Groshel, Chris and Liane Haas, Anna, Carola and Kelley Heinl, Chris and Elaine Kellerman, Richard Kilian, Renate Maxwell, Glenn McClung, Marshall	McWhorter, Bill and Virginia Molumphy, John Naber, Kelley and Gary Smith, Patty Tyler, Rhonda and Wesley Van Patten, Isaac and Katie Woods, Janey and Harry Yale, Jerry
---	---	--

Friday, Sept 21 PRE CONTEST	Contest registration 4-6 pm* Tows will be available. Contact Kelly Naber if you plan to fly	
Saturday, Sept 22 <i>PRACTICE DAY</i>	Registration 10 am-noon* Pilots Meeting**/Safety Briefing 9:30 am	BRSS Spaghetti Dinner: Baked spaghetti casserole, garlic bread, salad, cake (free/donations welcome) Hosted by Lorie Smith and John Molumphy
Sunday, Sept 23 <i>PRACTICE DAY</i>	Registration until 9:30 am* Pilots Meeting/Safety Briefing 9:30 am New-to-NCI orientation 10 am. Orientation flights will be available. Contact John Molumphy for details	<i>THANKSGIVING IN SEPTEMBER</i> Welcome dinner: Turkey casserole, vegetable, salad and ice cream. (free) Hosted by Lanier, Thecla and Cole Frantz
Monday, Sept 24	MANDATORY SAFETY MEETING 9 am* Pilots Meeting to follow	Pizza Night: Pizza, calzone, salad... Also an ice cream sundae bar celebrating the life and sweet tooth of Ray Galloway (\$15 per person/children \$8)
Tuesday, Sept 25	Pilots Meeting 9:30 am	<i>HALLOWEEN IN SEPTEMBER (come in costume)</i> Firehouse Chicken: Chicken on the grill, green beans, cole slaw, fruit pie or cobbler (\$15 per person/children \$8) <u>Music: "Better than we sound." Acoustic Old Time and Americana</u>
Wednesday, Sept 26	Pilots Meeting 9:30 am	Low Country Boil: In-the-shell-shrimp, corn, potatoes & sausage. Also salad and key lime pie (\$15 per person/children \$8) <u>Music: House jam. Bring your instruments</u>
Thursday, Sept 27	Pilots Meeting 9:30 am	<i>CINCO DE MAYO IN SEPTEMBER</i> Taco bar: beef, chicken or shrimp tacos with fixings, refried beans, and rice. Also cookies (\$15 per person/Children \$8)
Friday, Sept 28	Pilots Meeting 9:30 am	<i>JULY 4TH IN SEPTEMBER -</i> BBQ Night: Chopped BBQ pork butt, cole slaw, Dolly's beans. Also pound cake with fruit topping (\$15 per person/ Children \$8) <u>Music: "Virginia Blue". Blues band</u>
Saturday, Sept 29	Pilots Meeting 9:30 am	Awards Ceremony after flying

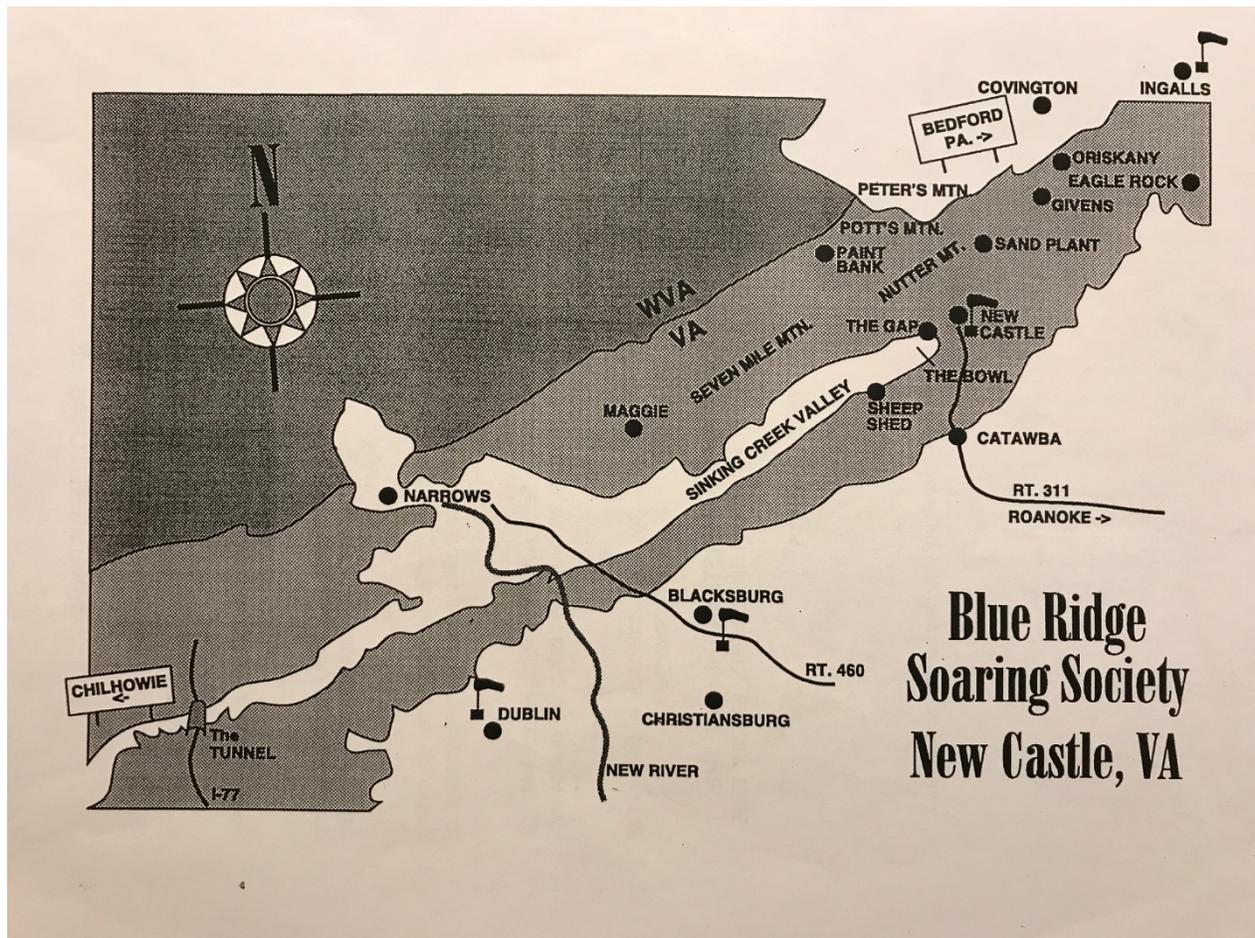
*Registration will take place in Hanger behind Towplane Tavern

** All Pilots Meetings will take place in the Towplane Tavern

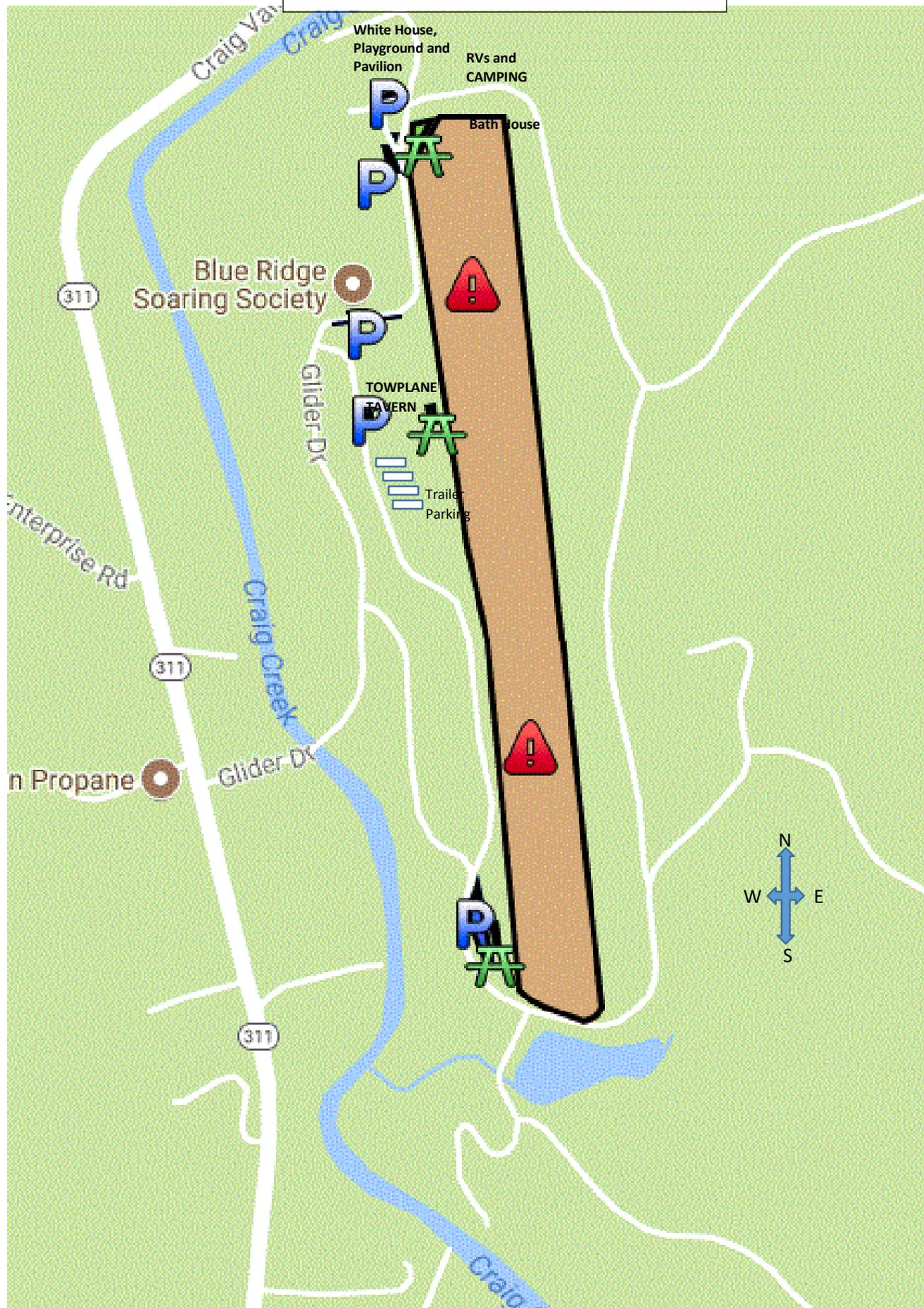
GUEST/NEW PILOT BRIEFING

Welcome to Blue Ridge Soaring Society (BRSS) and New Castle International (NCI)! To help you enjoy your flights, please take a few minutes to review the following essential local rules as well as the area orientation map.

1. If this is your first time at NCI, we suggest an orientation flight with a BRSS member or an experienced NCI pilot or a buddy flight.
2. Get a briefing on current conditions before you launch: strong soaring conditions go hand in hand with turbulence and sink in the area of the field. Be sure that you can meet the challenge of the flight.
3. There is a significant amount of airplane traffic arriving and departing Roanoke through "our" airspace, Stay alert for power traffic and stay clear of Roanoke's Class C airspace, south of the field.
4. The downwind leg is always east of the field: left traffic for landing RWY 18 and right traffic for landing RWY 36. Please announce entering the downwind with direction of landing, on 123.3.
5. The eastern third of the field is for landing only; the middle third is for takeoff and the western third of the field is for ground movement.
6. **WHEN LANDING, TOUCH DOWN ON THE EASTERN THIRD OF THE RUNWAY, ROLL OUT, AND STOP ON THE WESTERN THIRD. EVERY TIME.**



BRSS Field Diagram



CONTEST OPERATIONS

Number One Rule

The number one rule at New Castle is to keep the landing lane open on the EAST side of the field all the time. **After landing you must roll clear to the West.** Cars and people should never be in the landing lane.

The pattern at New Castle is always to the east of the field, due to the ridge, higher terrain, and potential rotor turbulence to the west. The runway is north-south, or 18-36. Pattern entry calls are made "landing to the North, or to the South" rather than using runway numbers.

Roanoke Class C airspace is about 10 miles south of New Castle. We have a letter of agreement with them and notify them by phone each day of the task course, number of gliders, and altitudes expected. Towplanes squawk a unique code and all gliders with transponders are asked to squawk 1202. Gliders are to remain clear of the Class C at all times, unless during an emergency. In that case, they need to contact Roanoke Approach on 126.9 if able.

Trailer Parking and Glider Assembly

Trailer tie-down spots are available on a first come first served basis. Assembly and disassembly will be restricted to these areas. Trailers must be properly secured in their tie down spots.

Staging for Launch

Staging will be in four lines with ships staggered and overlapped. Ships in the center two lines must stage on their numbers prior to grid time, while ships on the outside lines should be pulled out to the edge of the field to allow access to the center two lines. At Grid time, the outside lines will pull into position.

Tows

Release will be at 3,800 ft. MSL. Pilots are expected to release promptly when release altitude is reached. Radio calls to the tow pilot must include the towplane's ID. All tows will be roughly 75mph, unless otherwise requested. All pilots are encouraged to speak up during the tow if they would like faster or slower.

Landing

The pattern for landing to the North is right hand and for landing to the South is left hand – downwind leg is always flown on the east side of the field. The mountainous terrain around New castle often produces unpredictable conditions or turbulence and sink around the field. You are advised to exercise more than normal caution and carry extra energy in the landing pattern.

Relights

If relights need to land while the initial launch is still in progress, they need to make sure to announce the pattern entry and land in the same direction of the launch (launching to the north, land to the north). Once the main launch is complete, the relights can position on the grid and take the next available tow. As always, with any landing, follow the number one rule at new castle, clear to the west of the field during roll out! This saves from blocking a launch or another aircraft landing.

Critical Assembly Check

A conspicuous mark must be applied to the tape at the wing-root area indicating that the Critical Assembly Check has been completed. After grid time, the marks will be checked. No CAC, no tow.

Tow Release Check

There will be no tow-release checks done on the grid at launch time. We encourage checking the tow-release, but this must be done earlier by the pilot and crew.

Be Ready for Launch

Pilots must be ready to launch prior to hook-up. This means that the pilot must be in the cockpit with all checks completed when fourth in line for take-off. We do not want to rush anyone. If not ready, signal the line crew and we will push you off the grid.

Use of Spoilers

We recommend holding the wheel brake on as the slack in the towrope is being taken out to prevent over-running the rope. Pilots using spoilers during the initial take-off roll should cycle them up and down prior to takeoff, indicating to the line crew that you are in control.

Self-Launching Gliders

No self-launching will be permitted at the contest.

Water Ballast

We will fly dry

Scoring

The scoring office will be located in the White House. You may e-mail your log to SSA.scoring@gmail.com or bring it to the scoring office. Logs are due to the scoring office no later than one hour after you return to the field. Task Claim Forms are required for MATs, safety finishes, motor runs and logger failures.

FLY SAFE, FLY FAST, HAVE FUN

RETRIEVE OFFICE PROCEDURES

The Retrieve Office phone number(s) will be found on the daily Task Sheet.

About the Retrieve Office:

Retrieve Office headquarters is at the Tow Plane Tavern. Crews must check out there if leaving the field. The phones will be staffed until all pilots have been accounted for and crews communicated with. Notification of Land-outs will be posted at the Retrieve Office. Pilots and crews do not need to call in after they are together, but every pilot must call in if they land out, even if they are in contact with their crew. Main and secondary numbers will be on Task Sheets.

PILOTS WITH CREWS: You are responsible for providing contact information for your crew (name, phone number) at registration. Be advised that Verizon is the only reliable service in the New Castle area. If you and your crew don't have Verizon service, consider purchasing a disposable cell with Verizon.

CREWLESS PILOTS: The Retrieve Office will maintain a "crewless pilots' list" so you and a fellow pilot can act as each other's crews if one lands out. You are responsible for making sure that the Retrieve Office has all necessary contact information. The Retrieve Office will provide assistance, but is not responsible for organizing a crew for you if you land out. Before take-off have your trailer hooked to the car and ready to go. This is not mandatory, you only need to do this if you want someone to pick you up.

Information for Crews

1. Before leaving the field, the crew must report to the Retrieve Office as stipulated by the contest rules. If your pilot has not already done so, you must provide the land out information to the Retrieve Office.
2. The Retrieve Office will close at 7 pm. If you are not together with your pilot by this time, call the Retrieve Office before 7 pm so someone can wait. Do not send a text
3. When you return to the field, you are responsible for making sure that you, or your pilot checks in with the Retrieve Office.

Information for Pilots

1. Promptly upon landing at any place other than the home airfield, a pilot must complete the Outlanding Form before calling the Retrieve Office. Have it in hand when you call as this will help expedite the process and make sure that someone is on their way as soon as possible.
2. After a land-out you may call your crew directly, but the crew must communicate all information to the Retrieve Office before leaving the field. It is of utmost importance the Retrieve Office remain in the communication loop.
3. If you land out and desire an aero-retrieve, you must call the Retrieve Office. Do not call from the air requesting a tow because you think you are about to land. All communication must go through the Retrieve Office.
4. Upon returning to the field, immediately check in with the Retrieve Office. Failure to do so may result in grumpy Retrieve Office volunteers – and that is bad for everyone.

TURNPOINT AND AIRSPACE DATABASES

The url is http://soaringweb.org/TP/New_castle

Worldwide Soaring Turnpoint Exchange

Unofficial New Castle, Virginia Control Points

Contest: Region 4 South, 2018

Courtesy of [John Godrey \(QT\)](#)

Dated: 22 July 2018

Magnetic Variation: 8.3W, Datum: 100

Time zone: US/Eastern, Summer offset from GMT is -4:00 and in Winter it is -5:00.

Information about Region 4, South is available at brss.net/r4s-contest/

The primary specification of the waypoint coordinates is degrees, minutes, and seconds

AIRFIELD NOTES

**AIRFIELD NOTES WILL BE DISTRIBUTED AT
REGISTRATION**



Turnpoint Landable
Turnpoint Not Landable
Airport/Field
New Castle VA - R4S - 2017

SUSTENANCE AND ENTERTAINMENT

Food on the Field

Towplane Tavern: The Towplane Tavern (TPT) is open from 7:30 am to 2 pm. It offers a variety of breakfast and lunch options:

Breakfast

Omelet + Bread	\$6.00
Options: Bacon, Sausage, Peppers, Onions, Cheese, Tomato	
Pancakes (plain or blueberry) + meat.....	\$6.00
Scrambled eggs + 2 sides	\$6.00

Sides

Sausage (2), bacon (2)	\$2.00
Cinnamon roll, English muffin, biscuit, toast.....	\$2.00
Juice, water, soda, apple, banana.....	\$1.00
Coffee.....	Free

Lunch

Hamburger or Cheeseburger + 2 sides	\$6.00
Tomato, Lettuce, Onion, Mustard, Mayo	
Hot Dog +2 sides	\$4.00
Chili, Cheese, Onion, Mustard	
Turkey or Ham Sandwich plus + 2 sides.....	\$6.00
Sides: Chips, Cookies, Fruit, Soda, Water	\$1.00

Elaine's Famous Sandwich Tent: Down at the flight line, Elaine Heintl offers a variety of made-to-order sandwiches, snacks and cold beverages. Enjoy convenience and great sandwiches while waiting to launch

\$6 for a sandwich and two "sides" (chips, drink, cookie, soda, fruit)

\$1 for sides bought individually.

Dinners on the Field: We hope that you will join us for the dinners in the Pavilion. Individual dinner tickets are \$15/person (\$8 for children). We also offer a meal plan at \$65/person for 5 dinners (no tax, no tip, no travel)

Entertainment:

Tuesday Sept 18th, Halloween Party (come in costume)

Tuesday Sept 18th – "Better than we sound" band. Acoustic Old Time and Americana

Wednesday Sept 19th - House jam. Bring your instruments

Friday Sept 21st – "Virginia Blue" band. Blues

Bonfire and music under the stars... any night that the weather permits and the mood strikes

Where the locals eat: Some nearby restaurants and local favorites include:

1. NEARBY: ***Bibos Pizzeria*** 137 Salem Ave, New Castle, Virginia 24127 Phone: (540) 864-5000
Pine Top Diner Hwy 615, New Castle, VA 24127 Phone (540)-864-5864
Subway 297 Market St, New Castle, VA 24127 (540) 864-8301
2. Our Daily Bread Bakery and Bistro (www.odbb.com)
 100 East 4th Street, Salem, VA 24153 Phone: (540) 404-3056
 Open Tuesday – Saturday 7:00 a.m. - 8:30 p.m.; Sunday 7:00 a.m. - 3:00 p.m.
3. Montano's International Restaurant (<http://www.montanos.net/roanoke.restaurant/>)
 3733 Franklin Road Roanoke, VA Phone: (540) 344-8960
 Hours: Monday - Saturday 10 a.m. - 10 p.m.
4. Carlos Brazilian (carlosbrazilian.com)
 4167 Electric Road Roanoke, VA 24018 Phone: (540) 776-1117
 Hours: Lunch Monday-Friday 11:30 am-2:00 pm; Dinner: Monday-Saturday 5pm until...
5. Cafe Asia 2 (<http://cafeasiava.com/#/>)
 3549 Electric Rd Suite A, Roanoke, VA 24018 Phone: (540) 774-1688
 Hours of Operation: Sun-Thurs: 11:30am to 9:30pm; Fri-Sat: 11:30am to 10:30pm
6. Luigi's Italian Gourmet Restaurant (www.luigisvirginia.com)
 3301 Brambleton Ave, Roanoke, VA 24018 Phone: (540) 989-6277
 Hours: Sun & Mon 4:30pm - 10:00pm; Tues - Sat 4:30pm - 2:00am
 (Restaurant closes at 11pm, Bar stays open until 2am)
7. Billy's (www.billysroanoke.com)
 102 Market St SE, Roanoke, VA 24011 Phone: (540) 206-3353
 Hours: Mon - Wed 11 AM - 10 PM; Thu – Sat 11 AM - 11 PM; Sun 11 AM - 9 PM
8. Swinging Bridge Restaurant (<https://www.theswingingbridge.com>)
 16071 Paint Bank Rd, Paint Bank, Virginia 24131 Phone: (540) 897-5099
 Hours: Mon-Wed 8 am to 5 pm; Thurs-Sat 8 am to 9 pm; Sun 8 am to 7 pm
9. Home Place Restaurant
 4968 Catawba Valley Dr, Catawba, VA 24070 Phone: (540) 384-7252
 Hours: Thurs-Fri 4 to 8 pm; Sat 3 to 8 pm; Sun 11am to 6pm.

Things to do in the area:

Hiking: There are many walking/hiking trails on the property and near the gliderport. Access to the Appalachian Trail

Fishing/Wading/Kayaking in the streams and ponds on the property

Mountain biking and paddling at Carvins Cove. Trail head is about 25 minutes from NCI.

<http://www.roanokeoutside.com/land/carvins-cove-nature-reserve/>

Idea for a rain-day: Roanoke has two escape rooms and there are some things to do in Blacksburg too.

<https://www.escapekeysalem/>
<https://www.riddlemeroanoke.com/>
<https://puzzlr.us/>

Tee Shirts

Hot off the presses - 2018 BRSS tee shirts - New Castle is for Gliding Lovers
These are Recover Brand shirts - high quality and made from recycled material
Short sleeve - \$24, Long Sleeve - \$30
Provided by CK West Marketing



A CONVERSATION WITH LANIER FRANTZ

Lanier I understand that the first SSA sanctioned regional contest was held here in 1970. Can you tell us a little bit about how it got started?

I think that in many ways it was a fortuitous accident. Back in the late 1950s a group of GE engineers who had been relocated to Salem Virginia were looking for something fun to do – and they found it in flying gliders.

Leo Buckley, one of the GE engineers who was also a founding member of BRSS, was the linchpin. He brought me in to meet the guys in 1961 and soon we formed a loosely organized club in order to build a winch, buy something to fly, and find somewhere to fly. We acquired our first glider - a 2-22, built a winch, found a place to fly. I had a TG-3 and a Waco tow plane. This was a far cry from the wonderful stable of sailplanes, towplanes, hangars and club house BRSS has today.

Originally we flew out of the New River Valley Airport. It was very welcoming to glider pilots and we were very appreciative of their graciousness but there was nothing for the wives and children to do except to sit around a dusty airport.

From the beginning, we wanted New Castle to be welcoming to pilots and fun for their families so in 1964, a few years after my brother and I acquired the land that is now the New Castle International Gliderport, we invited the club members down for a long weekend. They came for the 4th of July and had such a good time that they didn't leave until after Labor Day. This was the beginning of something wonderful and in 1965 or 66 the club moved here full time.

In 1970 – 47 years ago -- we held our first SSA sanctioned regional contest here and we hope we will be hosting Region 4 South at year fifty and beyond.

I've been told that generations of children grew up on the Gliderport. How did that happen?

Thecla's and my greatest pleasure has always been sharing this extraordinary location with our friends. We've thought of it, from the beginning, as a family-friendly operation. Central to this is making sure that there are plenty of things to do. There are ponds and 2 miles of Craigs Creek for wading or fishing. We have miles of hiking and biking trails - no ATVs allowed. We adjoin the Jefferson National Forest.

During contest week we plan several evening meals along with nightly impromptu music (bring your instrument) and bonfires to complement the open air "fine dining" experience. One of our pilots wrote "BRSS is famed for its inviting social environs, prompting one regular to opine that bringing a glider to the contest just complicates the experience." I think this overstates it – but we want a good balance of great soaring and family fun.

Several pilots have expressed reservations about attending Region 4 South indicating that this is a very technical place to fly. What is your opinion?

This is a spectacular place to fly – as long as you have the right attitude and you prepare. I'd encourage any pilot who is thinking of flying here to arrange a flight with a local pilot. BRSS makes every effort to accommodate this either in a club glider or the Super Cub. There are many reasonable places to land but given the topography, you need to pay attention and think ahead, particularly when ridge flying. This year the R4S contest is offering an OLC class, so folks who want to participate without competing can come and fly in a "low-testosterone" environment. Furthermore, BRSS welcomes visitors anytime and has long weekends with various meals scheduled over Memorial Day, July 4th and Labor Day.