



**Road Running Technical Council  
USA Track & Field  
Measurement Certificate**



Name of the course NCRC Classic Half Marathon 2022 Distance 21.0975 km  
Location (state) NC (city) Cary  
Type of course: Road Race  
Measuring Methods: Bicycle  
Measured By Brad Smythe, 7928 Brandyapple Dr, Raleigh, NC, 27615, bdsmythe78@yahoo.com, 919-208-8616  
Race Contact Bill Parquet, bparquet@gmail.com  
Date(s) when course measured: 04/24/2022  
Number of measurements of entire course: 2 Course Configuration: Out and Back  
Elevation (meters above sea level) Start 117.00 Finish 117.00 Lowest 82.00 Highest 153.00  
Straight line distance between start and finish 0m Drop 0.00 m/km Separation 0.00 %  
Type of surface: Paved 10 % Dirt 0 % Gravel 90 % Grass 0 % Track 0 %  
Effective date of certification: April 29, 2022 Certification code: NC22015BDS

Note to Race Director: Use this Certification Code  
in all public announcements relating to your race.

## ***Be It Officially Noted That***

Based on examination of data provided by the above named measurer, the course described above and in the map attached is hereby certified as reasonably accurate in measurement according to the standards adopted by the Road Running Technical Council. If any changes are made to the course, this certification becomes void, and the course must then be recertified.

**Verification of Course ---** In the event a National Open Record is set on the course, or at the discretion of USA Track & Field, a verification measurement may be required to be performed by a member of the Road Running Technical Council. If such a remeasurement shows the course to be short, then all pending records will be rejected and the course certification will be cancelled.

***This certification expires on December 31 of the year:*** **2032**

**AS NATIONALLY CERTIFIED BY:**

Date: April 29, 2022

Brad Smythe - USATF/RRTC Certifier - 7928 Brandyapple Drive, Raleigh NC 27615  
(919) 208-8616 - bdsmythe78@yahoo.com

**NCRC Classic Half Marathon 2022**

Cary, NC

Measured:

by Brad Smythe

bdsmyme78@yahoo.com

on April 24, 2022

This course was measured using the full width of the road and the Shortest Possible Route (SPR) unless otherwise noted.

**NCRC Classic Half Marathon 2022 Course Directions:**

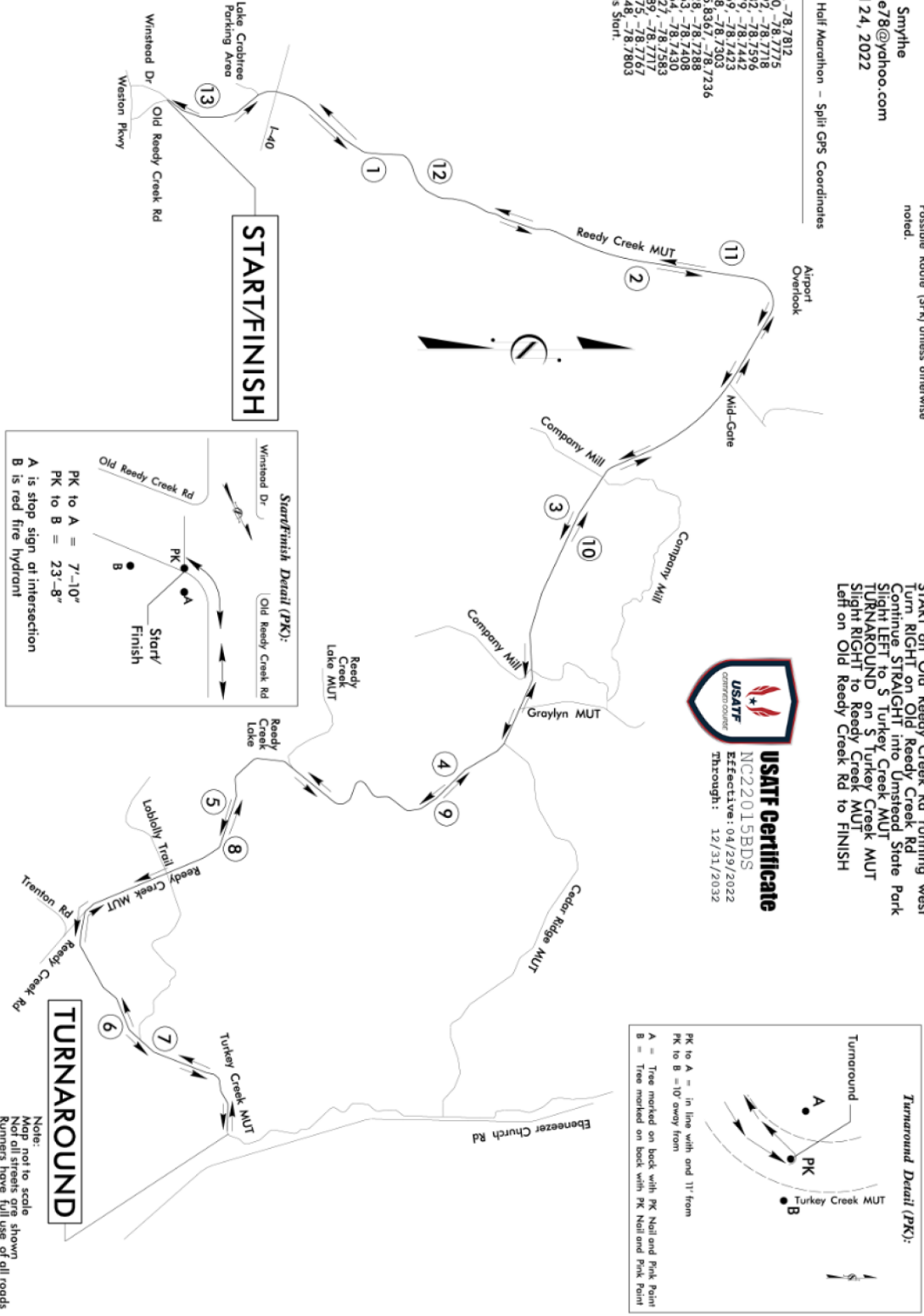
START on Old Reedy Creek Rd running west  
 Turn RIGHT on Old Reedy Creek Rd  
 Continue STRAIGHT into Umstead State Park  
 Slight LEFT to S Turkey Creek MUT  
 TURNAROUND on S Turkey Creek MUT  
 Slight RIGHT to Reedy Creek MUT  
 Left on Old Reedy Creek Rd to FINISH

**NCRC Classic Half Marathon - Split GPS Coordinates**

Start:	35.8334, -78.7812
Mile 1:	35.8470, -78.7775
Mile 2:	35.8592, -78.7718
Mile 3:	35.8932, -78.7596
Mile 4:	35.8669, -78.7423
Mile 5:	35.8318, -78.7303
Turnaround:	35.8367, -78.7236
Mile 6:	35.8328, -78.7288
Mile 7:	35.8328, -78.7288
Mile 8:	35.8363, -78.7408
Mile 9:	35.8671, -78.7583
Mile 10:	35.8671, -78.7583
Mile 11:	35.8589, -78.7717
Mile 12:	35.8475, -78.7767
Mile 13:	35.8348, -78.7803
Finish:	Same as Start.

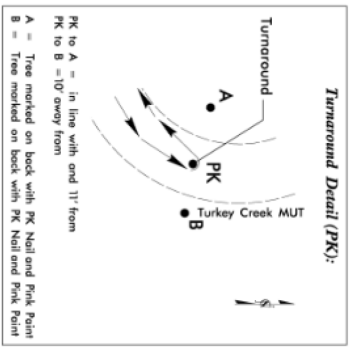
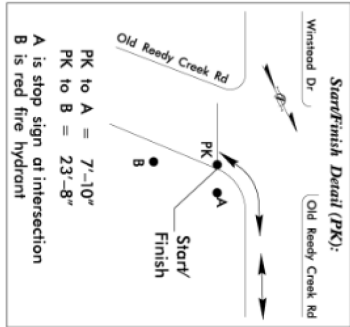


**USATF Certificate**  
 NC22015BDS  
 Effective: 04/29/2022  
 Through: 12/31/2032



**START/FINISH**

**TURNAROUND**



**Note:**  
 Map road to scale shown  
 Runners have full use of all roads