



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

# **Measurement Certificate**



Name of the course Norfolk Harbor Half Marathon Distance 21.0975 km  
 Location (state) VA (city) Norfolk  
 Type of course: Road Race  
 Measuring Methods: Bicycle  
 Measured By Jason Todd, 744 City Ctr Blvd, Newport News, VA 23606, jason.todd@flatoutevents.com, 757-879-9991  
 Race Contact Robert J&A Racing.com, 3601 Shore Drive, Virginia Beach, VA 23455 info@jandaracing.com. 757-731-3448  
 Date(s) when course measured: 10/18/2023  
 Number of measurements of entire course: 2 Course Configuration: point to point  
 Elevation (meters above sea level) Start 3.00 Finish 3.00 Lowest 0.30 Highest 8.00  
 Straight line distance between start and finish 212m Drop 0.00 m/km Separation 1.00 %  
 Type of surface: Paved 99 % Dirt 0 % Gravel 1 % Grass 0 % Track 0 %  
 Effective date of certification: November 10, 2023 Certification code: VA23037RT

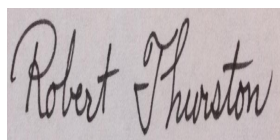
Note to Race Director: Use this Certification Code in all public announcements relating to your race.

## ***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:*** **2033**



**AS NATIONALLY CERTIFIED BY:**

Date: December 1, 2023

Robert Thurston - USATF/RRTC Certifier - 13 Kennedy St NE , Washington DC 20011  
 (202) 431-0585 - thurret@aol.com

