



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



Name of the course Fort Worth Zoo Run 5K 2023 Distance 5 km  
Location (state) TX (city) Fort Worth  
Type of course: Road Race  
Measuring Methods: Bicycle  
Measured By Gary Brumley - 3509 Cromart Ave - Fort Worth, TX 76133 - () - gary@txcourseworks.com  
Race Contact Ragan Mladenovic - 1989 Colonial Pkwy, Fort Worth, TX 76110 - +18177597555 - rmladenovic@fortworthzoo  
Date(s) when course measured: 01/21/2023  
Number of measurements of entire course: 2 Course Configuration: keyhole (out/loop/back)  
Elevation (meters above sea level) Start 166.12 Finish 166.12 Lowest 16.46 Highest 193.85  
Straight line distance between start and finish 0 m Drop 0.00 m/km Separation 0.00 %  
Type of surface: Paved 100 % Dirt 0 % Gravel 0 % Grass 0 % Track 0 %  
Effective date of certification: January 24, 2023 Certification code: TX23001LAB

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: January 25, 2023

Logan Burgess - USATF/RRTC Certifier - 614 Stillmeadow Drive, Richardson TX 75081  
(214) 803-7800 - loganaburgess@yahoo.com

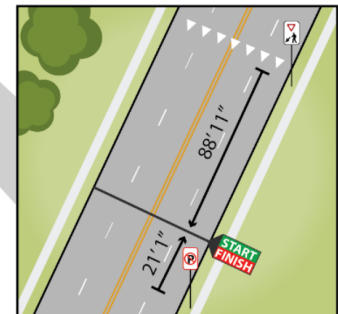
Fort Worth Zoo Run 5K 2023  
Fort Worth, TX



**USATF Certificate**  
TX23001LAB  
Effective: 01/24/2023  
Through: 12/31/2023



START / FINISH DETAIL



**Elevations (in feet):**  
Start - 545'  
Highest Point - 636'  
Lowest Point - 544'  
Finish - 545'

This course was measured on January 21, 2023 using the Shortest Possible Route (SPR) given the following road restrictions: there are no restrictions except for S University Dr, where runners are restricted to 1 left curb lane.

Measured by Gary Brumley

*Gary Brumley*  
**TX COURSE WORKS**  
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