



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



Name of the course Makala Calibration Course Distance 332.882 M
Location (state) HI (city) Kailua-Kona
Type of course: Calibration
Measuring Methods: Steel Tape
Measured By Mark Neal - 323 Griggs Street - Rochester, MI 48307 - (248) 894-3846 - runnermark@gmail.com
Race Contact N/A
Date(s) when course measured: September 3, 2022
Number of measurements of entire course: 2 Course Configuration: point to point
Elevation (meters above sea level) Start 8.00 Finish 8.00 Lowest N/A Highest N/A
Straight line distance between start and finish 332.882 M Drop 0.00 m/km Separation 100.00 %
Type of surface: Paved 100 % Dirt 0 % Gravel 0 % Grass 0 % Track 0 %
Effective date of certification: September 17, 2022 Certification code: HI22001MN

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.

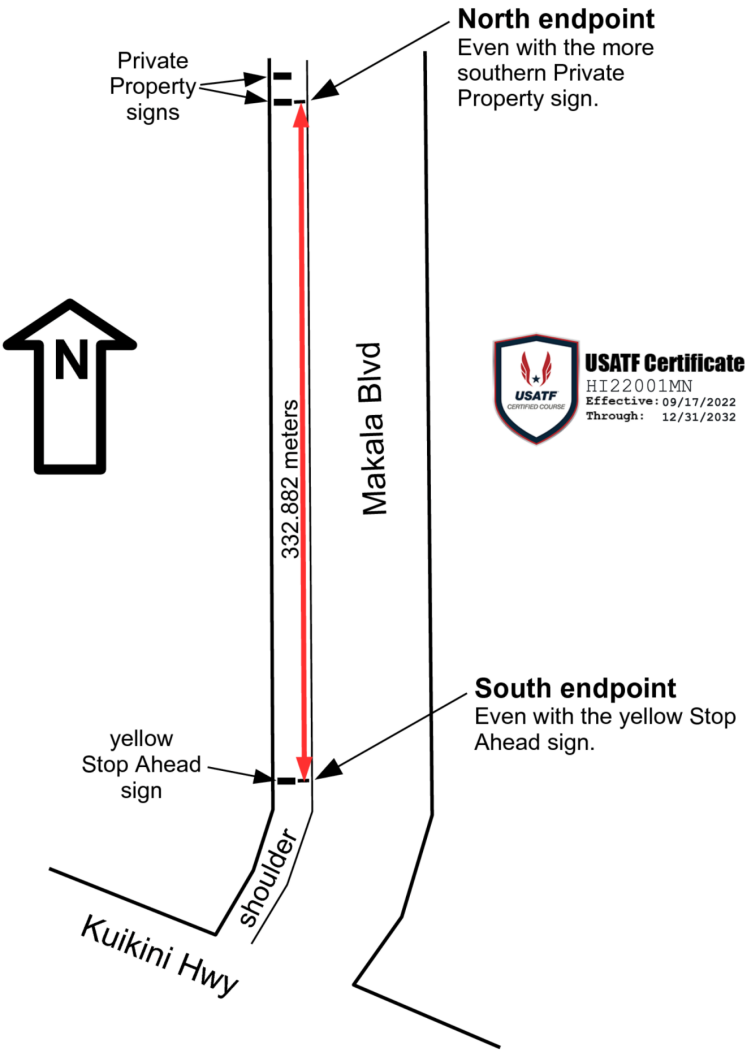
This certification expires on December 31 of the year: **2032**

AS NATIONALLY CERTIFIED BY:

Date: September 17, 2022

Mark Neal - USATF/RRTC Certifier - 323 Griggs Street, Rochester MI 48307
(248) 894-3846 - runnermark@gmail.com

Makala Calibration Course
Kailua-Kona, Hawai'i
332.882 meters



Measured by
Mark Neal
runnermark@gmail.com
September 3, 2022

Map Not To Scale