



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



Name of the course STANFORD 1,000 FOOT CALIBRATION COURSE Distance 304.8 Meters
Location (state) California (city) Stanford
Type of course: road race calibration course
Measuring method: bicycle steel tape electronic distance meter
Measured by (name, address, phone & e-mail) Hans I. Haselbach & Lynn A. Kovach Polaris Consulting Land
Surveying P.O. Box 1278 Carmel Valley, CA 93924 831-659-9564 hans@polarislandsurveying.net
Race contact (name, address, phone & e-mail) Equipment Used: Leica TS-15 Total Station 1 Second of arc
model GPR -1 Single Prism Measured in single "Standard" mode Accuracy 0.5mm at 1,000 ft
Date(s) when course measured: Oct. 21, 2017 Tom Knight was an observer
Number of measurements of entire course: 2 Course Configuration: Point - to - Point
Elevation (meters above sea level) Start 20.0 m Finish 21.0 m Highest 21.0 m Lowest 20.0 m
Straight line distance between start & finish 304.8 Meters Drop -3.28 m/km Separation 100 %
Type of surface: paved 100 % dirt 0 % gravel 0 % grass 0 % track 0 %
Effective date of certification: Jul 2, 2018 Certification code: CA17002TK

Notice 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 this course, or at the discretion of USA Track & Field, a verification remeasurement 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 in the year 2027

AS NATIONALLY CERTIFIED BY:

Tom Knight

Date: Jul 2, 2018

Tom Knight – USATF/RRTC Certifier

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