



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



Name of the course Aramco Houston Half Marathon - Pre-verified Distance 21.0975 km  
Location (state) TX (city) Houston  
Type of course: Road Race  
Measuring Methods: Bicycle  
Measured By Logan Burgess, 614 Stillmeadow Dr, Richardson, TX 75081 - loganaburgess@yahoo.com - 214.803.7800  
Race Contact Carly Caulfield, 720 N Post Oak Rd, #200, Houston, TX 75024 - carly@houstonmarathon.com - 713.957.3453  
Date(s) when course measured: 07/18/2021  
Number of measurements of entire course: 2 Course Configuration: Point to Point  
Elevation (meters above sea level) Start 14.00 Finish 14.00 Lowest 9.00 Highest 16.00  
Straight line distance between start and finish 1021m Drop 0.00 m/km Separation 4.84 %  
Type of surface: Paved 100 % Dirt 0 % Gravel 0 % Grass 0 % Track 0 %  
Effective date of certification: September 17, 2021 Certification code: TX21048LAB

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:*** **2031**

**AS NATIONALLY CERTIFIED BY:**

Date: September 21, 2021

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





21.0975 KM PRE-VERIFIED WITH CERTIFIED SPLITS



- Start – (N29° 45.699' W95° 21.586') – Congress St just SE of Fannin St – A straight line between two points: 5'5" W of center of fire hydrant at NE corner of intersection and 12' W of center of Metro Bus signpost #9200; both on N side of street. 12'11" E of center of traffic signal post 576469 at SE corner of intersection on S side of street.
- 1 KM – (N29° 45.959' W95° 22.119') – Franklin St just E of Artesian Rd – 2' W of lamp post 201686 on S side of St
- Mile 1 – (N29° 46.049' W95° 22.478') – Washington Ave at Colorado St – 3' W of STOP sign at SE corner of intersection
- 2 KM – (N29° 46.073' W95° 22.721') – Washington Ave just W of White St – 62' W of METRO Bus Stop 477 signpost on S side of Ave
- 3 KM – (N29° 46.124' W95° 23.339') – 2911 Washington Ave – 22' E of E edge of gate to cemetery
- Mile 2 – (N29° 46.132' W95° 23.474') – Washington Ave at Memorial Heights Dr – 21' W of NO PARKING HERE TO CORNER SIGN immediately W of intersection
- 4 KM – (N29° 46.061' W95° 23.834') – Waugh Dr just S of Raymond St – 112' S of STOP sign at SW corner of intersection
- Mile 3 – (N29° 45.638' W95° 23.896') – 510 Waugh Dr – even with S edge of northernmost vehicle entry to retail center at address
- 5 KM – (N29° 45.545' W95° 23.894') – Waugh Dr just S of Damico St – 32' S of lamp post 20587\_ on W side of Dr
- 6 KM – (N29° 45.193' W95° 24.116') – W Gray St just E of Dunlavy St – 4' W of lamp post 205982 on N side of St
- Mile 4 – (N29° 45.185' W95° 24.386') – W Gray St at 1400 Driscoll St – 20' W of STOP at SE corner of intersection
- 7 KM – (N29° 45.171' W95° 24.735') – 2136 Inwood Dr – 6' W of address marker at E edge of driveway
- 8 KM – (N29° 44.904' W95° 25.125') – Kirby Dr at San Felipe St – even with yellow center stripe of San Felipe on E side of Kirby Dr
- Mile 5 – (N29° 44.880' W95° 25.130') – Kirby Dr at San Felipe St – 88' S of Metro Bus Stop 5572 signpost on E side of Dr
- 9 KM – (N29° 44.361' W95° 25.128') – Southbound Kirby Dr at Steel St – 21' S of lamp post 660047 on W side of Dr
- Mile 6 – (N29° 44.007' W95° 25.119') – Southbound Kirby Dr at retail exit directly W of Portsmouth St – 13' N of N edge of retail building and at N edge of storm sewer cap
- 10KM – (N29° 43.815' W95° 25.120') – Southbound Kirby Dr under Southwest Freeway – 10' N of S edge of concrete median edge, marked on median
- 11 KM – (N29° 43.535' W95° 24.815') – 2322 Bissonnet St – 1' W of lamp post 446667 on N side of St
- Mile 7 – (N29° 43.537' W95° 24.651') – 2206 Bissonnet St – 4' E of E edge of house at address
- 12 KM – (N29° 43.544' W95° 24.196') – 1728 Bissonnet St – even with E edge of front door of house at address
- Mile 8 – (N29° 43.564' W95° 23.661') – 1205 Bissonnet St – 18' E of NO PARKING sign at W edge of property
- 13 KM – (N29° 43.568' W95° 23.575') – Bissonnet St just W of Yoakum Blvd – 2' W of Metro Bus Stop 3656 signpost
- 14 KM – (N29° 43.714' W95° 23.468') – Southbound Montrose Blvd at Barkdull St – 18' N of STOP sign at SW corner of intersection
- Mile 9 – (N29° 43' 58.59" W95° 23' 28.24") – 4444 Montrose Blvd – 43' N of center of fire hydrant 3735379 on W side of road
- 15 KM – (N29° 44.255' W95° 23.476') – Southbound Montrose Blvd between Sul Ross St and Branard St – 8'9" S of center of lamp post 201134 on W side of Blvd. **SPLIT IS VERIFIED.**
- 16 KM – (N29° 44.792' W95° 23.520') – Southbound Montrose Blvd at Missouri St – 104' N of STOP sign at SW corner of intersection
- Mile 10 – (N29° 44.842' W95° 23.525') – Southbound Montrose Blvd at Hyde Park Blvd – 28'8" N of STOP sign at SW corner of intersection. **SPLIT IS VERIFIED**
- 17 KM – (N29° 45.334' W95° 23.535') – Southbound Montrose Blvd at W Clay St – 44' N of STOP sign in SW corner of intersection
- Mile 11 – (N29° 45.705' W95° 23.525') – Ramp between Montrose Blvd and Westbound Allen Pkwy – 54' E of crosswalk lamp post at NE corner of intersection
- 18 KM – (N29° 45.654' W95° 23.353') – Westbound Allen Pkwy just E of Montrose Blvd / Studemont St exit ramp – 56' E of "Thru Traffic Merge Left" sign post
- 19 KM – (N29° 45.657' W95° 22.737') – Westbound Allen Pkwy – 26' E of lamp post H100071 in median
- Mile 12 – (N29° 45.611' W95° 22.554') – Westbound Allen Pkwy – 209' E of W end of median nose at onramp from Sabine St
- 20 KM – (N29° 45.511' W95° 22.156') – Lamar St between Smith St and Brazos St - 15'4" NW of lamp post 615834 on NE side of St. **SPLIT IS VERIFIED.**
- Mile 13 – (N29° 45.224' W95° 21.686') – 1440 Lamar St – 10' S of center of double doors at address
- Finish – (N29° 45' 8.77" W95° 21' 38.05") – 1611 Lamar St – 16'10" SE of S edge of lamp post 588193 in median on S side of Lamar St. 16'10" N of expansion joint at curb between natural and dark colored concrete and 16'7" W of sidewalk and driveway union with sprinkler head in corner on N side of Lamar St near restaurant.