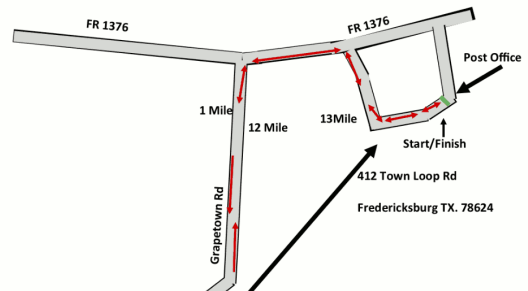


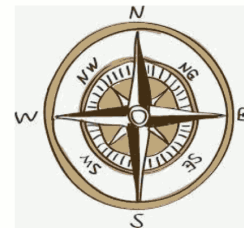
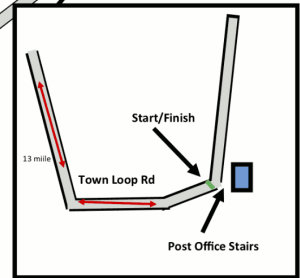
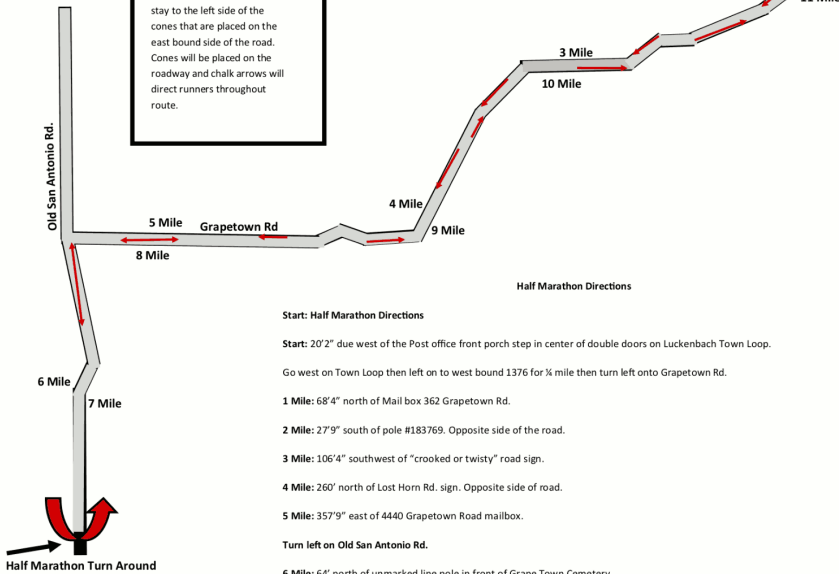


**Outlaw Half Marathon**  
**412 Town Loop Rd.**  
**Fredericksburg, Texas 78624**

Measured by: Mitch Allen 214-679-3693  
 Map not to scale. All side streets not shown



Runners are to run to the right side of the yellow line except on FR 1376. On 1376 runners stay to the left side of the cones that are placed on the east bound side of the road. Cones will be placed on the roadway and chalk arrows will direct runners throughout route.



**Half Marathon Directions**

**Start: Half Marathon Directions**

Start: 20'2" due west of the Post office front porch step in center of double doors on Luckenbach Town Loop.

Go west on Town Loop then left on to west bound 1376 for 1/4 mile then turn left onto Grapetown Rd.

1 Mile: 68'4" north of Mail box 362 Grapetown Rd.

2 Mile: 27'9" south of pole #183769. Opposite side of the road.

3 Mile: 106'4" southwest of "crooked or twisty" road sign.

4 Mile: 260' north of Lost Horn Rd. sign. Opposite side of road.

5 Mile: 357'9" east of 4440 Grapetown Road mailbox.

Turn left on Old San Antonio Rd.

6 Mile: 64' north of unmarked line pole in front of Grape Town Cemetery.

(Half marathon turn around): 20' South of "center" of gate at 8142 Old San Antonio Rd.

7 Mile: 33'3" south of pole #165782.

Turn right from Old San Antonio onto Grapetown Rd.

8 Mile: 115'3" west of 4440 Grapetown Rd. mailbox. Opposite side of road.

9 Mile: 223'2" south of Lost Horn Rd. sign.

10 Mile: 20' east of East Concrete Pillar at creek crossing.

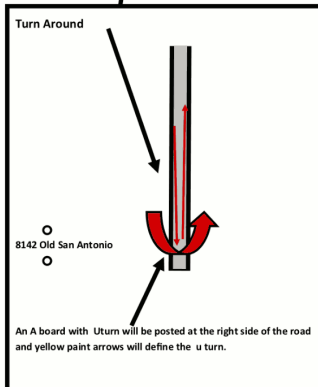
11 Mile: 250' west of pole #183580.

12 Mile: 131' north of pole #183580.

Turn right onto Hwy. 1376 from Grapetown Rd.

13 Mile: 34'5" west of mailbox #322 on Luckenbach Town Loop Rd.

Finish: 20'2" due west of the Post office front porch step in center of double doors on Luckenbach Town Loop. Go west on Town Loop then left on to west bound 1376 for 1/4 mile then turn left onto Grapetown Rd.



**Outlaw Half Marathon**  
**21.0975 km - USATF Certification TX18037LAB - Luckenbach, TX**  
**Effective April 2, 2018 to December 31, 2028**  
**Measured by Mitch Allen on March 19, 2018**  
**Map not to Scale - Restrictions as noted**





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

# Measurement Certificate



Name of the course Outlaw Half Marathon Distance 21.0975 km  
 Location (state) TX (city) Luckenbach  
 Type of course: road race  calibration course   
 Measuring method: bicycle  steel tape  electronic distance meter   
 Measured by (name, address, phone & e-mail) Mitch Allen - mitch@iruntexas.net  
4505 Laurie Michelle Dr, San Antonio, TX 78258 - 214.679.3693  
 Race contact (name, address, phone & e-mail) Mitch Allen - mitch@iruntexas.net  
4505 Laurie Michelle Dr, San Antonio, TX 78258 - 214.679.3693  
 Date(s) when course measured: March 19, 2018  
 Number of measurements of entire course: 2 Course Configuration: Out and Back  
 Elevation (meters above sea level) Start 477 m Finish 477 m Highest 499 m Lowest 477 m  
 Straight line distance between start & finish 0 Drop 0 m/km Separation 0 %  
 Type of surface: paved 100 % dirt 0 % gravel 0 % grass 0 % track 0 %  
 Effective date of certification: April 2, 2018 Certification code: TX18037LAB

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*** **2028**



**AS NATIONALLY CERTIFIED BY:**

Date: April 2, 2018

Logan Burgess – USATF/RRTC Certifier  
 614 Stillmeadow Drive, Richardson, TX 75081 - loganaburgess@yahoo.com - 214.803.7800