



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

Measurement Certificate



Name of the course NAS-JRB 10 Mile Distance 10mi

Location (state) TX (city) Fort Worth

Type of course: Road Race

Measuring Methods: Bike

Measured By Gary Brumley, 3509 Crowmart Ave, Fort Worth, TX 76133 - gary@txcourseworks.com - 817.773.8400

Race Contact Daphne Salinas, 1525 Chennault Ave, NAS JRB Fort Worth, Fort Worth, TX 76127 - daphne.salinas@navy.m

Date(s) when course measured: 01/21/21

Number of measurements of entire course: 2 Course Configuration: Point to Point

Elevation (meters above sea level) Start 201m Finish 204m Lowest 182m Highest 204m

Straight line distance between start and finish 572m Drop -0.19 m/km Separation 3.55 %

Type of surface: Paved 100 % Dirt 0 % Gravel 0 % Grass 0 % Track 0 %

Effective date of certification: February 24, 2021 Certification code: TX21014LAB

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**

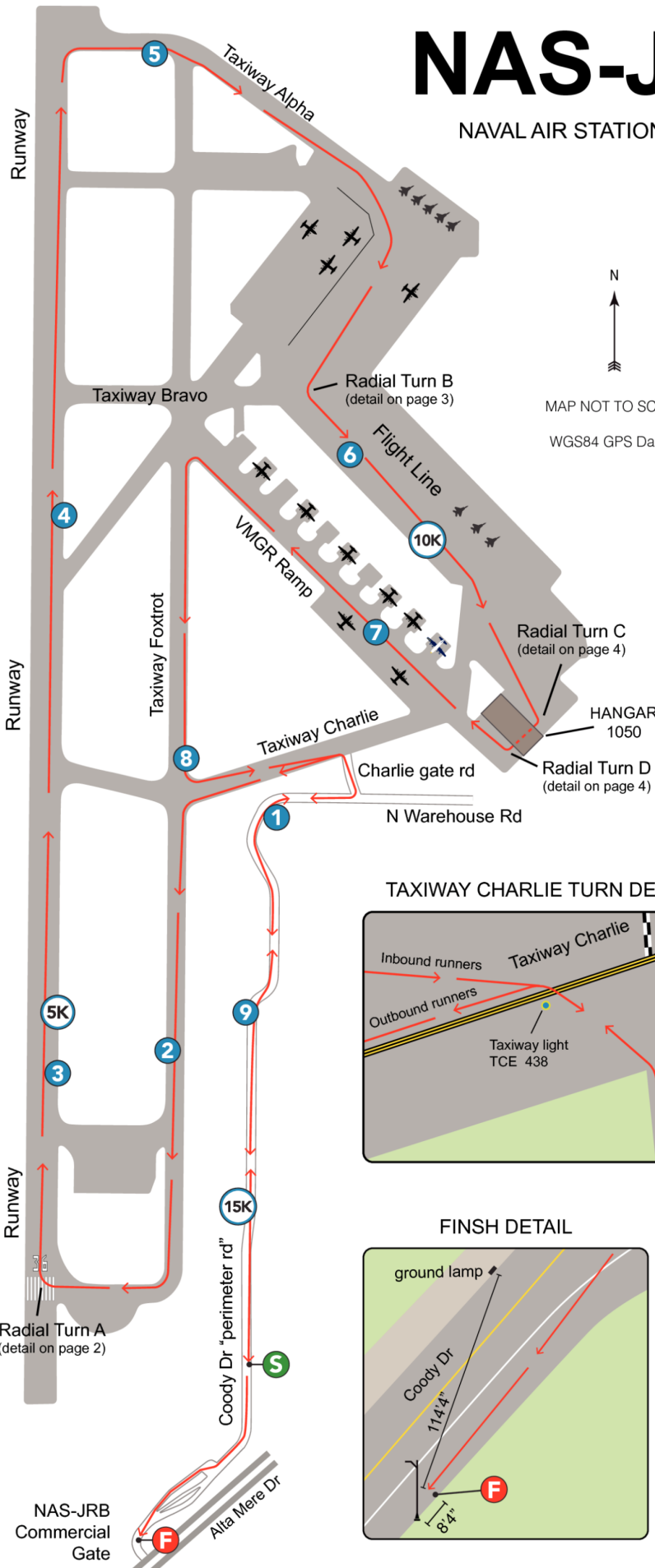
AS NATIONALLY CERTIFIED BY:

Date: February 26, 2021

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

NAS-JRB 10 MILE

NAVAL AIR STATION JOINT RESERVE BASE, FORT WORTH, TX



MAP NOT TO SCALE

WGS84 GPS Datum

Course was measured using the shortest possible route. On taxiways the course is bordered by yellow and black taxiway lines. On the runway the course is bordered by black and white runway lines. Runway and taxiway aprons are out of bounds.

Elevations:

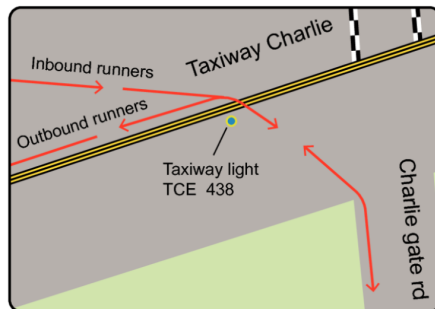
Start – 659 feet, Finish – 669 feet
 High – 669 feet, Low - 597 feet



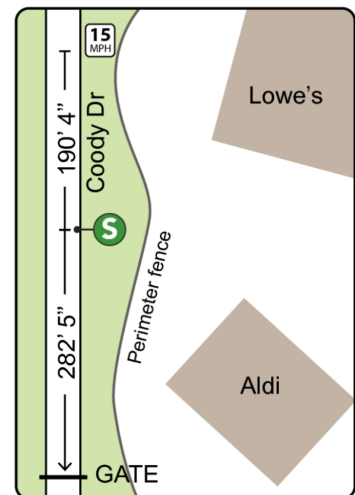
USATF Certificate

TX21014LAB
 Effective: 02/24/2021
 Through: 12/31/2031

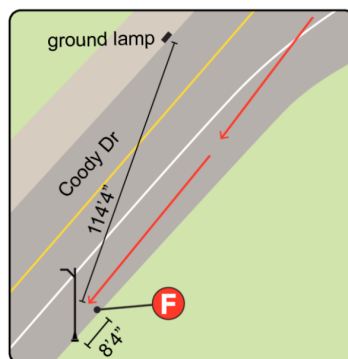
TAXIWAY CHARLIE TURN DETAIL



START DETAIL



FINSH DETAIL



Measured by Gary Brumley

Gary Brumley
TX COURSE WORKS
 www.TXCourseWorks.com
 gary@txcourseworks.com

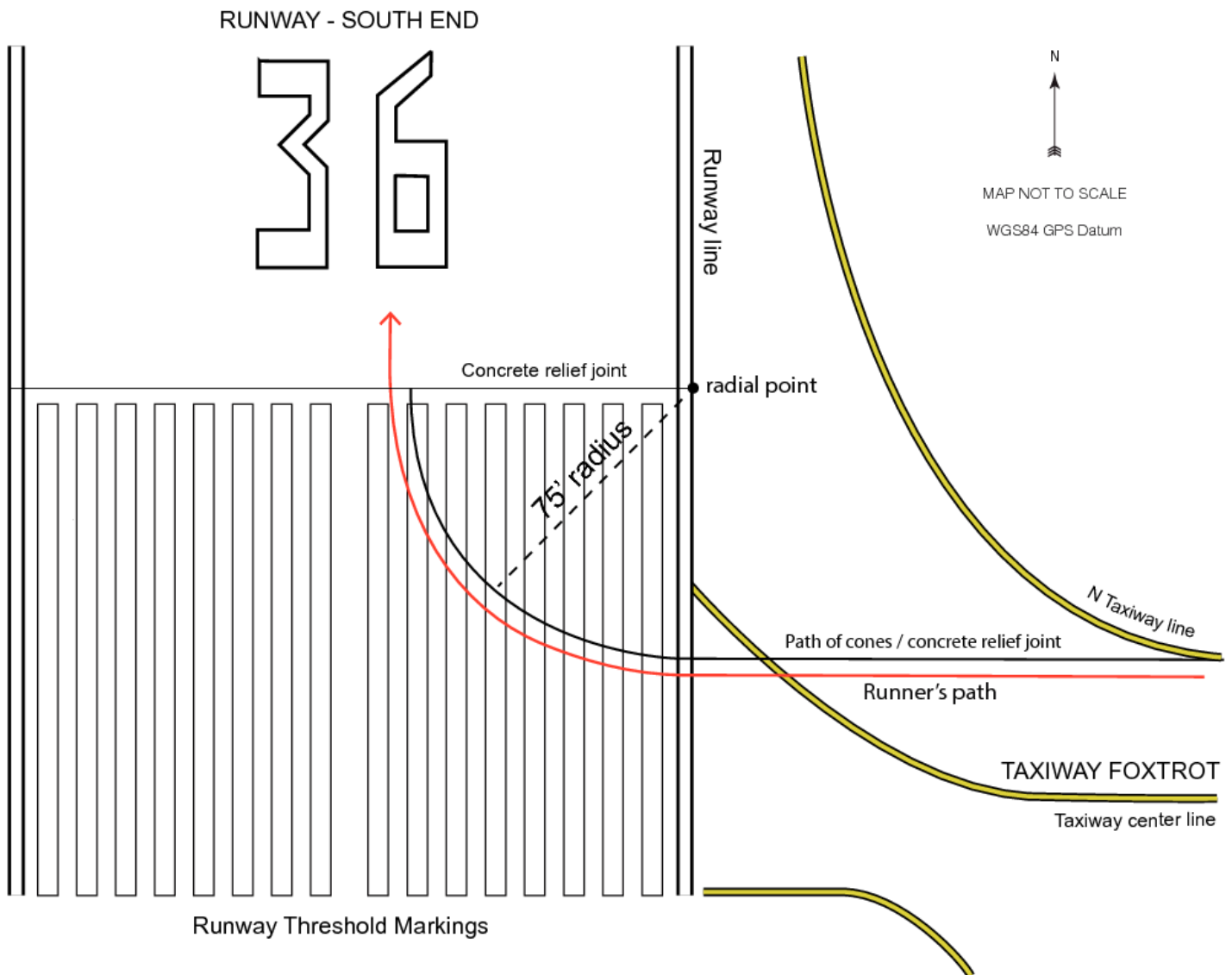
Co-measured by Logan Burgess

NAS-JRB 10 MILE

NAVAL AIR STATION JOINT RESERVE BASE, FORT WORTH, TX

RADIAL TURN A From Taxiway Foxtrot to Runway

Radial point located at intersection of outer edge of white runway line and concrete relief joint which runs across runway, directly north of runway threshold markings (approximately at GPS - 32.753176, -97.441382). Traffic cones are to be placed every 10'-15' apart starting from the N taxiway line along concrete relief joint to the base of the radial curve (approx 360'), then, every 4' apart, continuing at the E edge of runway, along the radial curve turning N, ending perpendicular to the radial point.

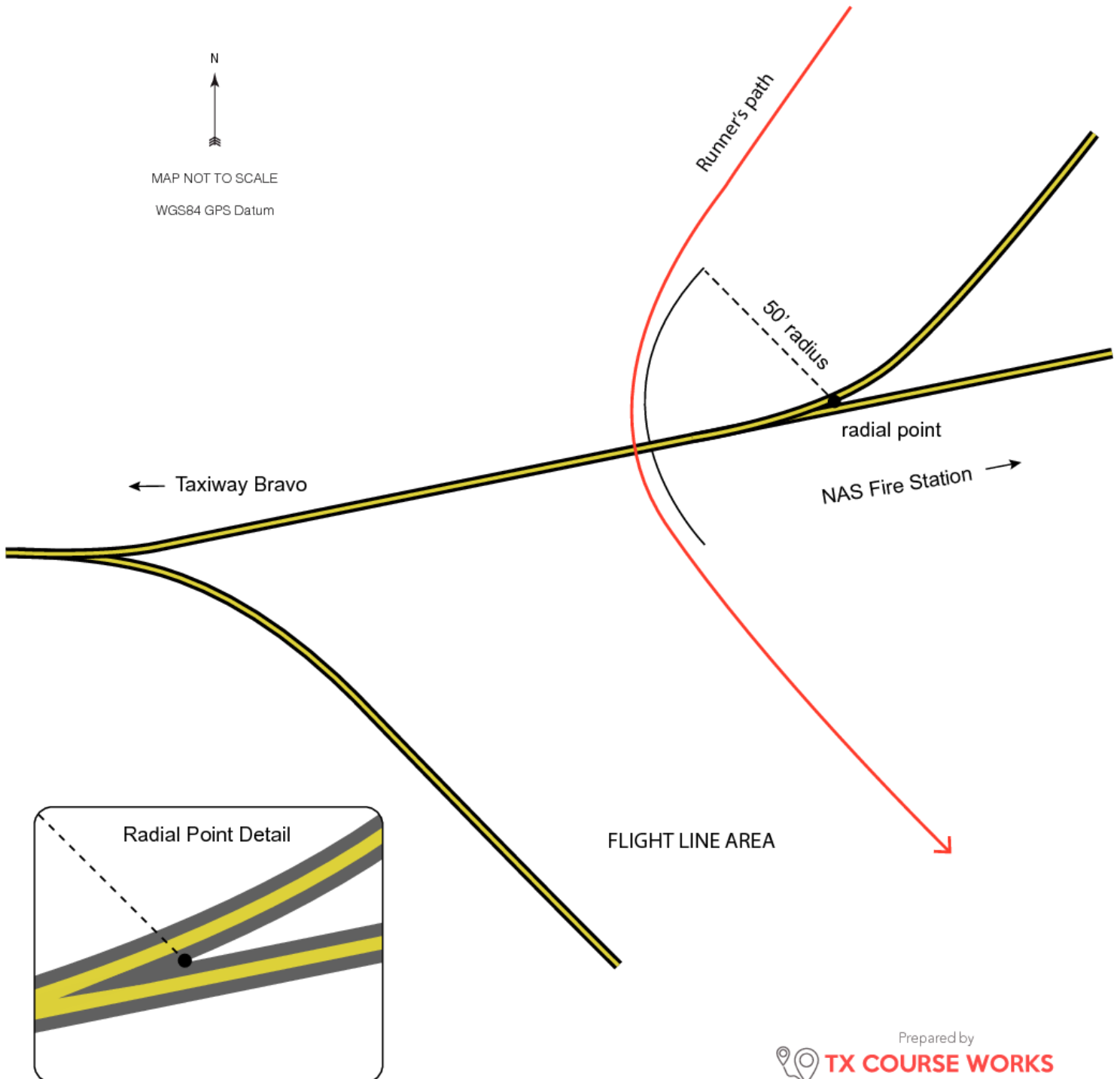


NAS-JRB 10 MILE

NAVAL AIR STATION JOINT RESERVE BASE, FORT WORTH, TX

RADIAL TURN B at East End of Taxiway Bravo

Radial point located on center taxiway line, at the second split east of Taxiway Bravo
(GPS - 32.776171, -97.433465)



NAS-JRB 10 MILE

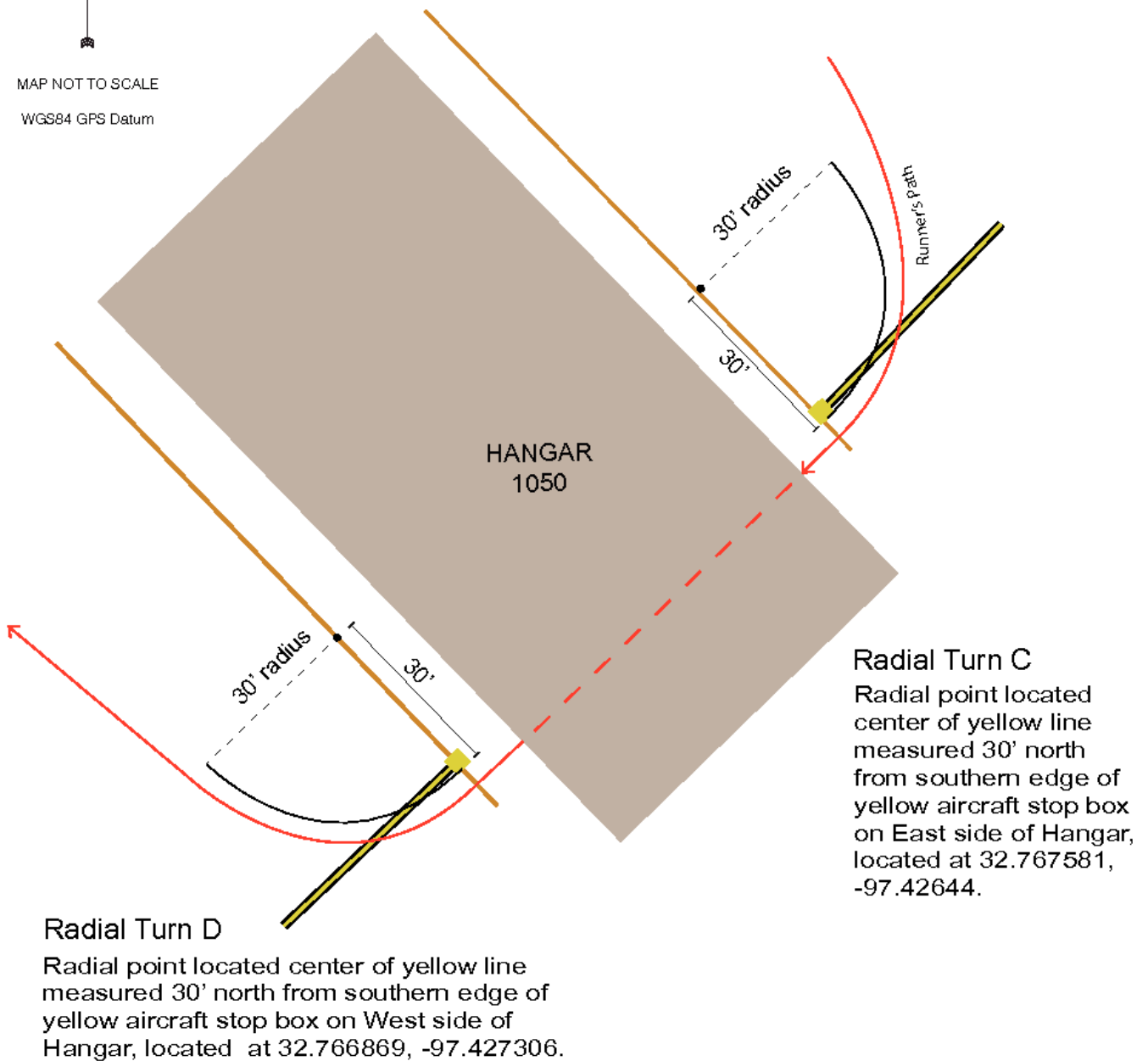
NAVAL AIR STATION JOINT RESERVE BASE, FORT WORTH, TX

RADIAL TURNS C and D at Hangar 1050



MAP NOT TO SCALE

WGS84 GPS Datum



NAS-JRB 10 MILE

NAVAL AIR STATION JOINT RESERVE BASE, FORT WORTH, TX

SPLIT POINTS

WGS84 GPS Datum - GPS coordinates are given only to get close to described locations and NOT to be used to replace lost split point marks. Use the provided measurements from landmarks to reestablish split points.

Start – (32.751120, -97.435371) – Coody Dr (“Perimeter rd”), 190’4” N of northbound 15MPH sign on E side of road and 282’5” N of gate post, marked with PK nail and washer

Mile 1 – (32.765330, -97.434841) – Coody Dr (“Perimeter rd”) – 6’ NE of fence post for northern Perimeter rd gate

Mile 2 – (32.759081, -97.437680) – Taxiway Foxtrot, 50’3” N of runway light labeled TFS 847 on E side of runway

Mile 3 – (32.758377, -97.441348) – Runway – 3’ S of #7(700’) markers on E side of runway just N of 2/10 “1000 foot” markers

5K – (32.759923, -97.441324) – Runway – 46’4” N of runway light labeled RW 333 on E side of runway

Mile 4 – (32.772924, -97.441172) - Runway, 33’ S of runway light labeled RW 309 on E side of runway

Mile 5 – (32.785144, -97.438154) – Taxiway Alpha – 52’7” W of light labeled TAW673 on South side of taxiway

Mile 6 – (32.774660, -97.432358) – Flight line – 7’6” W of E edge of building 4155

10K – (32.772450, -97.429778) – Flight line – 7’ W of flagpole at center of building 4159

Mile 7 – (32.770017, -97.431353) – VMGR Ramp – 66’ N of center of fuel cap for underground tank immediately E of control tower and on W side of taxiway

Mile 8 – (32.766814, -97.437381) – Taxiway Foxtrot – 81’8” N of light labeled TCE 518 on E side of taxiway

Mile 9 – (32.760002, -97.435196) – Coody Dr (“Perimeter rd”)– 67’10” N of center post of gate 22V at building 4127

15K – (32.755352, -97.435284) - Coody Dr (“Perimeter rd”) – 50’5” N of fire hydrant at Walmart Auto Center on E side of perimeter fence

Finish – (32.746654, -97.438561) – Coody Dr (“Perimeter rd”), near commercial gate – 114’4” from center of ground lamp illuminating “Naval Air Station Fort Worth Joint Reserve Base” letters in retaining wall, 8’10” from 3rd lamp pole from commercial gate entrance on E side of road, marked with PK nail and washer