

**FEDERAL AVIATION ADMINISTRATION
FLIGHT STANDARDS SERVICE
TAKEOFF MINIMUMS AND OBSTACLE DEPARTURE PROCEDURES (ODP)
TITLE 14 CFR PART 97.37**

Bearings, headings, courses, tracks and radials are magnetic. Elevations and altitudes are in feet, MSL. Altitudes are minimum altitudes unless otherwise indicated.
Ceilings are in feet above airport elevation. Distances are in nautical miles. Visibilities are in statute miles or feet RVR unless otherwise indicated.

<u>AIRPORT ID</u>	<u>CITY</u>	<u>STATE</u>	<u>AMDT NO</u>	<u>ACTUAL EFFECTIVE DATE</u>
84R	SMITHVILLE	TX	ORIG	15 JUNE 2023

TAKEOFF MINIMUMS:

RWY 17: 300-1 1/8 OR STANDARD WITH MINIMUM CLIMB OF 300 FT/NM TO 600, OR 1000-3 FOR VCOA.

RWY 35: 300-1 3/4 OR STANDARD WITH MINIMUM CLIMB OF 330 FT/NM TO 600.

TEXTUAL DEPARTURE PROCEDURES:

RWY 17: CLIMB ON HEADING 168.92 TO 800 BEFORE TURNING RIGHT.

VISUAL CLIMB OVER AIRPORT:

RWY 17: OBTAIN ATC APPROVAL FOR VCOA WHEN REQUESTING IFR CLEARANCE. CLIMB IN VISUAL CONDITIONS TO CROSS SMITHVILLE CRAWFORD MUNI AIRPORT AT OR ABOVE 1200 BEFORE PROCEEDING ON COURSE.

TAKEOFF OBSTACLE NOTES:

NOTE: RWY 17: TREE 108 FT FROM DER, 293 FT RIGHT OF CENTERLINE, 340 FT MSL.

TREE 113 FT FROM DER, 297 FT LEFT OF CENTERLINE, 340 FT MSL.

TREES BEGINNING 197 FT FROM DER, 296 FT RIGHT OF CENTERLINE, UP TO 31 FT AGL/342 FT MSL.

TREES BEGINNING 302 FT FROM DER, 294 FT LEFT OF CENTERLINE, UP TO 341 FT MSL.

TREE 334 FT FROM DER, 297 FT RIGHT OF CENTERLINE, 344 FT MSL.

TREE 648 FT FROM DER, 160 FT LEFT OF CENTERLINE, 343 FT MSL.

TREES BEGINNING 682 FT FROM DER, 7 FT LEFT OF CENTERLINE, UP TO 28 FT AGL/346 FT MSL.

TREE 778 FT FROM DER, 131 FT LEFT OF CENTERLINE, 30 FT AGL/348 FT MSL.

TREE 836 FT FROM DER, 128 FT LEFT OF CENTERLINE, 32 FT AGL/349 FT MSL.

TREE 858 FT FROM DER, 119 FT LEFT OF CENTERLINE, 34 FT AGL/351 FT MSL.

TREE 866 FT FROM DER, 106 FT RIGHT OF CENTERLINE, 31 FT AGL/348 FT MSL.

TREE 910 FT FROM DER, 120 FT LEFT OF CENTERLINE, 38 FT AGL/355 FT MSL.

TREE 1040 FT FROM DER, 490 FT RIGHT OF CENTERLINE, 366 FT MSL.

TREE 1136 FT FROM DER, 251 FT LEFT OF CENTERLINE, 40 FT AGL/358 FT MSL.

TREE, POLES BEGINNING 1172 FT FROM DER, 583 FT LEFT OF CENTERLINE, UP TO 363 FT MSL.

POLES, CATENARY WIRES BEGINNING 1357 FT FROM DER, 10 FT LEFT OF CENTERLINE, UP TO 388 FT MSL.

CATENARY WIRES 1390 FT FROM DER, 84 FT RIGHT OF CENTERLINE, 50 FT AGL/367 FT MSL.

TOWER, CATENARY WIRES BEGINNING 1393 FT FROM DER, 35 FT RIGHT OF CENTERLINE, UP TO 52 FT AGL/369 FT MSL.

CATENARY WIRES 1396 FT FROM DER, 466 FT RIGHT OF CENTERLINE, 374 FT MSL.

TRANSMISSION LINE 1396 FT FROM DER, 185 FT RIGHT OF CENTERLINE, 65 FT AGL/383 FT MSL.

TOWER, POLE, CATENARY WIRES, ELECTRICAL SYSTEM, TREES BEGINNING 1406 FT FROM DER, 323 FT RIGHT OF CENTERLINE, UP TO 384 FT MSL.

TANK 4154 FT FROM DER, 773 FT LEFT OF CENTERLINE, 152 FT AGL/474 FT MSL.

WATER TOWER 4157 FT FROM DER, 771 FT LEFT OF CENTERLINE, 156 FT AGL/477 FT MSL.

TANK 5314 FT FROM DER, 76 FT LEFT OF CENTERLINE, 165 FT AGL/488 FT MSL.

WATER TOWER 5322 FT FROM DER, 72 FT LEFT OF CENTERLINE, 166 FT AGL/489 FT MSL.

NOTE: RWY 35: FENCE 104 FT FROM DER, 294 FT LEFT OF CENTERLINE, 6 FT AGL/327 FT MSL.

SIGN, TREES, VEHICLE ON ROAD BEGINNING 297 FT FROM DER, 357 FT RIGHT OF CENTERLINE, UP TO 34 FT AGL/360 FT MSL.

TREE 311 FT FROM DER, 472 FT LEFT OF CENTERLINE, 332 FT MSL.

TREES BEGINNING 522 FT FROM DER, 53 FT LEFT OF CENTERLINE, UP TO 340 FT MSL.

TREES, POLE BEGINNING 903 FT FROM DER, 65 FT LEFT OF CENTERLINE, UP TO 362 FT MSL.

TREES, POLES, BUILDING BEGINNING 1075 FT FROM DER, 322 FT RIGHT OF CENTERLINE, UP TO 384 FT MSL.

TREES BEGINNING 1270 FT FROM DER, 14 FT LEFT OF CENTERLINE, UP TO 40 FT AGL/366 FT MSL.

TREES, BUILDING, POLE BEGINNING 1296 FT FROM DER, 16 FT RIGHT OF CENTERLINE, UP TO 408 FT MSL.

TREES, SIGN, POLE BEGINNING 1319 FT FROM DER, 6 FT LEFT OF CENTERLINE, UP TO 52 FT AGL/379 FT MSL.

TREES, POLE BEGINNING 1409 FT FROM DER, 168 FT RIGHT OF CENTERLINE, UP TO 412 FT MSL.

TREES, TERRAIN, POLES BEGINNING 1489 FT FROM DER, 124 FT RIGHT OF CENTERLINE, UP TO 420 FT MSL.

TREES, FENCE, TERRAIN, BUILDING BEGINNING 1560 FT FROM DER, 2 FT RIGHT OF CENTERLINE, UP TO 426 FT MSL.

TREES BEGINNING 1666 FT FROM DER, 4 FT LEFT OF CENTERLINE, UP TO 52 FT AGL/385 FT MSL.

TREES, TERRAIN, FENCE BEGINNING 1828 FT FROM DER, 1 FT RIGHT OF CENTERLINE, UP TO 434 FT MSL.

TREES BEGINNING 1884 FT FROM DER, 71 FT LEFT OF CENTERLINE, UP TO 387 FT MSL.

TREES BEGINNING 1910 FT FROM DER, 8 FT LEFT OF CENTERLINE, UP TO 56 FT AGL/392 FT MSL.

TREE 2113 FT FROM DER, 7 FT LEFT OF CENTERLINE, 34 FT AGL/395 FT MSL.

TREES, BUILDING, TERRAIN, FENCE BEGINNING 2151 FT FROM DER, 23 FT RIGHT OF CENTERLINE, UP TO 56 FT AGL/449 FT MSL.

TREES, POLE BEGINNING 2161 FT FROM DER, 47 FT LEFT OF CENTERLINE, UP TO 34 FT AGL/401 FT MSL.

TREES, TERRAIN, BUILDING BEGINNING 2249 FT FROM DER, 16 FT LEFT OF CENTERLINE, UP TO 29 FT AGL/413 FT MSL.

TREES BEGINNING 2350 FT FROM DER, 27 FT LEFT OF CENTERLINE, UP TO 29 FT AGL/416 FT MSL.

TREES, BUILDING BEGINNING 2360 FT FROM DER, 64 FT LEFT OF CENTERLINE, UP TO 29 FT AGL/417 FT MSL.

POLES, TREES, TERRAIN BEGINNING 2439 FT FROM DER, 9 FT RIGHT OF CENTERLINE, UP TO 44 FT AGL/455 FT MSL.

POLE, TREE BEGINNING 2452 FT FROM DER, 31 FT LEFT OF CENTERLINE, UP TO 32 FT AGL/423 FT MSL.

TREES, BUILDINGS, ELECTRICAL SYSTEMS, TERRAIN, POLES, FENCES BEGINNING 2535 FT FROM DER, 3 FT LEFT OF CENTERLINE, UP TO 33 FT AGL/434 FT MSL.

TREES, TERRAIN, POLES, FENCES, ELECTRICAL SYSTEM, VEHICLE ON ROAD BEGINNING 2550 FT FROM DER, 7 FT RIGHT OF CENTERLINE, UP TO

QUALITY
12
CHECKED

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54 FT AGL/465 FT MSL.

TREES, TERRAIN, BUILDING, POLE BEGINNING 2944 FT FROM DER, 9 FT LEFT OF CENTERLINE, UP TO 33 FT AGL/438 FT MSL.

TREES, FENCES BEGINNING 2990 FT FROM DER, 84 FT LEFT OF CENTERLINE, UP TO 439 FT MSL.

TREE 3039 FT FROM DER, 57 FT LEFT OF CENTERLINE, 35 FT AGL/456 FT MSL.

TREES, TERRAIN, BUILDING, POLES, FENCE, VEHICLE ON ROAD, ELECTRICAL SYSTEM BEGINNING 3051 FT FROM DER, 3 FT LEFT OF CENTERLINE, UP TO 467 FT MSL.

TREE, VEHICLE ON ROAD BEGINNING 3097 FT FROM DER, 54 FT RIGHT OF CENTERLINE, UP TO 50 FT AGL/466 FT MSL.

TREES, VEHICLE ON ROAD, POLE, ELECTRICAL SYSTEMS BEGINNING 3113 FT FROM DER, 1 FT RIGHT OF CENTERLINE, UP TO 53 FT AGL/468 FT MSL.

TREES, VEHICLE ON ROAD, POLES BEGINNING 3462 FT FROM DER, 3 FT LEFT OF CENTERLINE, UP TO 47 FT AGL/468 FT MSL.

TREES, VEHICLE ON ROAD, POLES BEGINNING 3601 FT FROM DER, 66 FT RIGHT OF CENTERLINE, UP TO 47 FT AGL/469 FT MSL.

TREES BEGINNING 3668 FT FROM DER, 110 FT LEFT OF CENTERLINE, UP TO 38 FT AGL/469 FT MSL.

TREES, VEHICLE ON ROAD, ELECTRICAL SYSTEMS, TERRAIN, POLE BEGINNING 3712 FT FROM DER, 24 FT RIGHT OF CENTERLINE, UP TO 45 FT AGL/472 FT MSL.

TREES BEGINNING 3723 FT FROM DER, 155 FT LEFT OF CENTERLINE, UP TO 36 FT AGL/470 FT MSL.

TREES, TERRAIN BEGINNING 3736 FT FROM DER, 24 FT LEFT OF CENTERLINE, UP TO 42 FT AGL/476 FT MSL.

TREES, BUILDINGS, VEHICLE ON ROAD, FENCES, POLE, TERRAIN, ELECTRICAL SYSTEM BEGINNING 3838 FT FROM DER, 3 FT RIGHT OF CENTERLINE, UP TO 39 FT AGL/473 FT MSL.

TREES BEGINNING 3924 FT FROM DER, 107 FT LEFT OF CENTERLINE, UP TO 56 FT AGL/477 FT MSL.

TREES BEGINNING 3945 FT FROM DER, 3 FT LEFT OF CENTERLINE, UP TO 64 FT AGL/482 FT MSL.

TREES BEGINNING 4053 FT FROM DER, 23 FT RIGHT OF CENTERLINE, UP TO 38 FT AGL/480 FT MSL.

TREES, ELECTRICAL SYSTEM BEGINNING 4094 FT FROM DER, 6 FT RIGHT OF CENTERLINE, UP TO 36 FT AGL/483 FT MSL.

TREES, TERRAIN, POLE BEGINNING 4167 FT FROM DER, ON CENTERLINE, UP TO 49 FT AGL/484 FT MSL.

TREES BEGINNING 4320 FT FROM DER, 5 FT RIGHT OF CENTERLINE, UP TO 49 FT AGL/488 FT MSL.

TREES, VEHICLE ON ROAD, POLE BEGINNING 4365 FT FROM DER, 3 FT RIGHT OF CENTERLINE, UP TO 56 FT AGL/492 FT MSL.

TREES BEGINNING 4431 FT FROM DER, 2 FT LEFT OF CENTERLINE, UP TO 492 FT MSL.

TREES, VEHICLE ON ROAD BEGINNING 4781 FT FROM DER, 22 FT RIGHT OF CENTERLINE, UP TO 494 FT MSL.

TREES BEGINNING 4827 FT FROM DER, 2 FT LEFT OF CENTERLINE, UP TO 55 FT AGL/495 FT MSL.

TREES BEGINNING 4844 FT FROM DER, 54 FT RIGHT OF CENTERLINE, UP TO 36 FT AGL/495 FT MSL.

TREES, VEHICLE ON ROAD BEGINNING 4858 FT FROM DER, 306 FT RIGHT OF CENTERLINE, UP TO 42 FT AGL/498 FT MSL.

TREES, POLE BEGINNING 4861 FT FROM DER, 29 FT RIGHT OF CENTERLINE, UP TO 37 FT AGL/506 FT MSL.

TREES, VEHICLE ON ROAD, ELECTRICAL SYSTEM BEGINNING 4889 FT FROM DER, ON CENTERLINE, UP TO 49 FT AGL/517 FT MSL.

TREES, POLES, BUILDINGS BEGINNING 4922 FT FROM DER, 2 FT LEFT OF CENTERLINE, UP TO 52 FT AGL/499 FT MSL.

TREES, VEHICLE ON ROAD, BUILDING, TERRAIN, POLE BEGINNING 4965 FT FROM DER, ON CENTERLINE, UP TO 51 FT AGL/521 FT MSL.

TREES BEGINNING 5373 FT FROM DER, 6 FT LEFT OF CENTERLINE, UP TO 506 FT MSL.

TREES BEGINNING 5583 FT FROM DER, 245 FT LEFT OF CENTERLINE, UP TO 508 FT MSL.

TREES, BUILDING BEGINNING 5598 FT FROM DER, 1 FT LEFT OF CENTERLINE, UP TO 510 FT MSL.

TREES BEGINNING 5655 FT FROM DER, 30 FT LEFT OF CENTERLINE, UP TO 517 FT MSL.

TREES BEGINNING 5747 FT FROM DER, 478 FT LEFT OF CENTERLINE, UP TO 522 FT MSL.

TREES, POLES, VEHICLE ON ROAD, ELECTRICAL SYSTEMS, BUILDING BEGINNING 5751 FT FROM DER, 12 FT LEFT OF CENTERLINE, UP TO 523 FT MSL.

TREES BEGINNING 1.3 NM FROM DER, 425 FT RIGHT OF CENTERLINE, UP TO 545 FT MSL.

TREE 1.4 NM FROM DER, 368 FT RIGHT OF CENTERLINE, 551 FT MSL.

CONTROLLING OBSTACLES:

RWY 17: 477 FT MSL WATER TOWER 300042.28N/0970942.80W (CLIMB GRADIENT/CLIMB-TO-ALTITUDE), 489 FT MSL WATER TOWER 300029.89N/0970948.81W (CEILING/VISIBILITY).

RWY 35: 476 FT MSL TREE 300237.47N/0971012.89W (CLIMB GRADIENT), 521 FT MSL TREE 300250.50N/0971006.95W (CLIMB-TO-ALTITUDE), 551 FT MSL TREE 300327.51.00N/0971014.41W (CEILING/VISIBILITY).

OBSTACLE MANDATING ODP ROUTE DEVELOPMENT: **RWY 17:** 683 FT MSL TOWER 295933.00N/0971021.00W

VISUAL CLIMB AREA OBSTACLE: **RWY 17:** 926 FT MSL TOWER 300254.41N/0970653.93W

REMARKS:

AIRSPACE DOCKET 22-ASW-24.

100 FT VEGETATION USED PER FPT.

FLIGHT INSPECTED BY

JOEL F HAWKLEY

Digitally signed by

ERIC N SUSKI

Apr 14, 2023

OFFICE

FPO

DATE

04/12/2023

DEVELOPED BY

PARNELL PRASSADA

Digitally signed by

PARNELL R PRASSADA

Dec 15, 2022

OFFICE

AJV-A431

DATE

10/27/2022

APPROVED BY

JOHNNIE BAKER

Digitally signed by

ERIC N SUSKI

Dec 16, 2022

OFFICE

AJV-A430

DATE

TITLE

MANAGER

REQUIRED EFFECTIVE DATE:

ROUTINE

QUALITY
12
CHECKED

AIRPORT ID

84R

CITY

SMITHVILLE

STATE

TX

AMDT NO

ORIG

EFFECTIVE DATE

15 JUNE 2023

COORDINATED WITH:

A4A ☐ **ALPA** ☒ **AOPA** ☒ **APA** ☐ **HAI** ☐ **NBAA** ☒ **OTHER:** ZHU ARTCC, AUS APP CON, ARPT MGR, SR AVIATION DIR

CHANGES - REASONS:

ORIGINAL PROCEDURE.

QUALITY
12
CHECKED