

**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>CITY, STATE</u>  | <u>AIRPORT</u>                | <u>EFFECTIVE DATE</u> | <u>AMDT NO</u> |
|---------------------|-------------------------------|-----------------------|----------------|
| SHERMAN/DENISON, TX | NORTH TEXAS RGNL/PERRIN FIELD | 15 AUGUST 2019        | 1              |

**TAKEOFF MINIMUMS:**

RWY 31, 17R, 35L, 35R: STANDARD.

RWY 13: 300-1 3/4 OR STANDARD WITH MINIMUM CLIMB OF 305 FT PER NM TO 1000.

RWY 17L: 300-1 5/8 OR STANDARD WITH MINIMUM CLIMB OF 280 FT PER NM TO 1000.

**TEXTUAL DEPARTURE PROCEDURES:**

RWY 17L: CLIMB HEADING 175.78 TO 1800 BEFORE TURNING RIGHT.

RWY 17R: CLIMB HEADING 175.76 TO 1500 BEFORE TURNING RIGHT.

**VISUAL CLIMB OVER AIRPORT:**

**TAKEOFF OBSTACLE NOTES:**

NOTE: RWY 13, TREES BEGINNING 3257 FT FROM DER, 658 FT RIGHT OF CENTERLINE, UP TO 100 FT AGL/859 FT MSL.

ANTENNA 3391 FT FROM DER, 1277 FT LEFT OF CENTERLINE, 57 FT AGL/837 FT MSL.

TREE 3655 FT FROM DER, 195 FT LEFT OF CENTERLINE, 100 FT AGL/869 FT MSL.

TREE 4468 FT FROM DER, 1653 FT LEFT OF CENTERLINE, 100 FT AGL/909 FT MSL.

TREES BEGINNING 4670 FT FROM DER, 485 FT LEFT OF CENTERLINE, UP TO 100 FT AGL/919 FT MSL.

TREE 4712 FT FROM DER, 1125 FT RIGHT OF CENTERLINE, 100 FT AGL/869 FT MSL.

TREE 5479 FT FROM DER, 1170 FT RIGHT OF CENTERLINE, 100 FT AGL/879 FT MSL.

TREES BEGINNING 5847 FT FROM DER, 619 FT LEFT OF CENTERLINE, UP TO 100 FT AGL/949 FT MSL.

TREE 1.3 NM FROM DER, 2555 FT LEFT OF CENTERLINE, 100 FT AGL/959 FT MSL.

NOTE: RWY 17L, POLE 1088 FT FROM DER, 739 FT LEFT OF CENTERLINE, 38 FT AGL/779 FT MSL.

RIG 3711 FT FROM DER, 821 FT LEFT OF CENTERLINE, 96 FT AGL/861 FT MSL.

TREE 5188 FT FROM DER, 1821 FT RIGHT OF CENTERLINE, 100 FT AGL/929 FT MSL.

TREE 1.3 NM FROM DER, 2492 FT RIGHT OF CENTERLINE, 100 FT AGL/969 FT MSL.

NOTE: RWY 17R, PLANES ON TWY 1566 FT FROM DER, 457 FT LEFT OF CENTERLINE, 55 FT AGL/859 FT MSL.

NOTE: RWY 31, BLDG 1164 FT FROM DER, 248 FT RIGHT OF CENTERLINE, 30 FT AGL/759 FT MSL.

TREE 1584 FT FROM DER, 880 FT RIGHT OF CENTERLINE, 100 FT AGL/829 FT MSL.

TREES BEGINNING 1852 FT FROM DER, 606 FT LEFT OF CENTERLINE, UP TO 100 FT AGL/819 FT MSL.

NOTE: RWY 35L, TREE 661 FT FROM DER, 560 FT LEFT OF CENTERLINE, 100 FT AGL/819 FT MSL.

NOTE: RWY 35R, PLANES ON TWY 77 FT FROM DER, 236 FT RIGHT OF CENTERLINE, 25 FT AGL/789 FT MSL.

**CONTROLLING OBSTACLES:**

RWY 13: 919 TREE 334217.29N/0963937.14W (CG/CGTA), 959 TREE 334154.06N/0963903.12W (CEIL/VIS).

RWY17L: 929 TREE 334115.00N/0964048.00W (CG/CGTA), 969 TREE 334048.01N/0964056.95W (CEIL/VIS).

OBSTACLE MANDATING ODP ROUTE DEVELOPMENT RWY 17L/R: 2726 FT MSL TOWER 333213.96N/0964954.32W.

**REMARKS:**

25 FT AND 55 FT PLANE HEIGHT USED PER FPT.

100 FT TREE HEIGHT USED PER FPT.

**FLIGHT INSPECTED BY:**

JOEL LAPLANTE

*Digitally signed by*  
**WARDELL HENNING**  
Jun 27, 2019

**OFFICE SYMBOL:**

FICO

**DATE:**

06/21/2019

**DEVELOPED BY:**

WARDELL HENNING (KENO HARTSHORN)

*Digitally signed by*  
**WARDELL HENNING**  
Jun 27, 2019

**OFFICE SYMBOL:**

AJV-A432

**DATE:**

1/2/2019

**APPROVED BY:**

LONNIE EVERHART

*Digitally signed by*  
**WARDELL HENNING**  
Jun 27, 2019

**OFFICE SYMBOL:**

AJV-A430

**DATE:**



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**REQUIRED EFFECTIVE DATE:**  
ROUTINE

**COORDINATED WITH:**

| <u>A4A</u>               | <u>ALPA</u>                         | <u>AOPA</u>                         | <u>APA</u>               | <u>HAI</u>               | <u>NBAA</u>                         |
|--------------------------|-------------------------------------|-------------------------------------|--------------------------|--------------------------|-------------------------------------|
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |

**OTHER:**  
KGYI ATCT, ZFW, AMGR.

**CHANGES - REASONS:**

1. ADDED TAKEOFF INSTRUCTIONS RWY 17R/35L - TO INCORPORATE NOTAM FDC 8/1866/TO MATCH AIRNAV DATA.
2. ADDED TAKEOFF OBSTACLE NOTES FOR RWY 17R/35L AND UPDATED ALL OTHER RWYS TAKEOFF OBSTACLE NOTES - NEW OBSTACLE EVALUATION.
3. ADDED CONTROLLING OBSTACLE TO RWY 13/17L/17R - NEW OBSTACLE EVALUATION.
4. CHANGED RWY 13 TAKEOFF MINIMUMS FROM STANDARD TO 300-1 3/4 OR STANDARD WITH MINIMUM CLIMB OF 305 FT PER NM TO 1000 - NEW OBSTACLE EVALUATION.
5. CHANGED RWY 17L TAKEOFF MINIMUMS FROM STANDARD TO "300-1 5/8 OR STANDARD WITH MINIMUM CLIMB OF 280 FT PER NM TO 1000." - NEW OBSTACLE EVALUATION.

