

**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>
KPWG	WACO	TX	2A	

TAKEOFF MINIMUMS:

RWY 4, 17, 22, 35: 300-1 OR STANDARD WITH MINIMUM CLIMB OF 280 FT/NM TO 3000.

TEXTUAL DEPARTURE PROCEDURES:

RWY 4: CLIMB ON HEADING 037.91 TO 3000 BEFORE PROCEEDING ON COURSE.

RWY 17: CLIMBING RIGHT TURN HEADING 228.00 TO INTERCEPT ACT VORTAC R-195 TO 3000 BEFORE PROCEEDING ON COURSE.

RWY 22: CLIMBING RIGHT TURN HEADING 228.00 TO INTERCEPT ACT VORTAC R-195 TO 3000 BEFORE PROCEEDING ON COURSE.

RWY 35: CLIMB ON HEADING 353.00 TO 3000 BEFORE PROCEEDING ON COURSE.

VISUAL CLIMB OVER AIRPORT:

TAKEOFF OBSTACLE NOTES:

NOTE: RWY 4: TREES BEGINNING 64 FT FROM DER, 27 FT RIGHT OF CENTERLINE, UP TO 40 FT AGL/608 FT MSL.
TREES BEGINNING 103 FT FROM DER, 89 FT LEFT OF CENTERLINE, UP TO 40 FT AGL/608 FT MSL.

NOTE: RWY 17: TREES BEGINNING 117 FT FROM DER, 11 FT RIGHT OF CENTERLINE, UP TO 40 FT AGL/605 FT MSL.
TREES BEGINNING 126 FT FROM DER, 53 FT LEFT OF CENTERLINE, UP TO 40 FT AGL/605 FT MSL.
TREES BEGINNING 1326 FT FROM DER, 241 FT LEFT OF CENTERLINE, UP TO 63 FT AGL/610 FT MSL.
TREES BEGINNING 1331 FT FROM DER, 167 FT RIGHT OF CENTERLINE, UP TO 60 FT AGL/608 FT MSL.
TREE 1774 FT FROM DER, 246 FT RIGHT OF CENTERLINE, 62 FT AGL/616 FT MSL.
TREES BEGINNING 1805 FT FROM DER, 271 FT RIGHT OF CENTERLINE, UP TO 67 FT AGL/620 FT MSL.

NOTE: RWY 22: TREES BEGINNING 141 FT FROM DER, 22 FT RIGHT OF CENTERLINE, UP TO 40 FT AGL/608 FT MSL.
TREES BEGINNING 218 FT FROM DER, 141 FT LEFT OF CENTERLINE, UP TO 40 FT AGL/605 FT MSL.

NOTE: RWY 35: TREES 126 FT FROM DER, 524 FT RIGHT OF CENTERLINE, 40 FT AGL/624 FT MSL.
TREES 131 FT FROM DER, 264 FT RIGHT OF CENTERLINE, 40 FT AGL/628 FT MSL.
TREES BEGINNING 135 FT FROM DER, 4 FT RIGHT OF CENTERLINE, UP TO 40 FT AGL/631 FT MSL.
TREES BEGINNING 140 FT FROM DER, 238 FT LEFT OF CENTERLINE, UP TO 40 FT AGL/628 FT MSL.
TREE 1207 FT FROM DER, 590 FT LEFT OF CENTERLINE, 46 FT AGL/629 FT MSL.

CONTROLLING OBSTACLES:

OBSTACLES MANDATING ODP ROUTE DEVELOPMENT: RWY 4, 17, 22, 35: 2535 FT MSL TOWER 312016.20N/0971837.00W.

REMARKS:

40FT VEGETATION USED PER FPT.

TAKEOFF MINS: VISIBILITY ADJUSTED TO STANDARD AND MAINTAINED TO KEEP AMENDMENT ABBREVIATED.

CONTROLLING OBSTACLES: CG/CGTA/CEIL/VIS: NO CONTROLLERS IDENTIFIED AND ROUTING ELIMINATES NEED FOR CLIMB GRADIENT.

TAKEOFF MINIMUMS RETAINED PER ATC/FPT REQUEST AND TO RETAIN ABBREVIATED AMENDMENT.

FLIGHT INSPECTED BY

MICHAEL S MILLER

Digitally signed by

ROBERT G HAMILTON

OFFICE

AJF

DATE

10/07/2025

DEVELOPED BY

ROBERT G HAMILTON (MATTHEW W.TOWNSEND)

Oct 14, 2025

Digitally signed by

ROBERT G HAMILTON

OFFICE

AJV-A433

DATE

02/10/2025

APPROVED BY

ROBERT G HAMILTON

Digitally signed by

ROBERT G HAMILTON

Oct 14, 2025

OFFICE

AJV-A433

DATE

07/03/2025

TITLE

MANAGER

REQUIRED EFFECTIVE DATE:

ROUTINE

COORDINATED WITH:

A4A ☐ **ALPA** ☒ **AOPA** ☒ **APA** ☐ **HAI** ☐ **NBAA** ☒

OTHER: AMGR, ACT ATCT, ZFW

CHANGES - REASONS:

1. TAKEOFF MINIMUMS: UPDATED RWY 17/22 FROM "2000-3 OR STANDARD WITH MINIMUM CLIMB OF 280 FT/NM TO 3000" TO "300-1 OR STANDARD WITH MINIMUM CLIMB OF 310 FT/NM TO 3200" - IAW 8260.46J APPENDIX D 2.E.3.C AND PER FPT REQUEST TO MAINTAIN ABBREVIATED AMENDMENT.

2.TAKEOFF MINIMUMS: UPDATED RWY 4/35 FROM "2000-3 OR STANDARD WITH MINIMUM CLIMB OF 280 FT/NM TO 3000" TO "300-1 OR STANDARD WITH MINIMUM CLIMB OF 280 FT/NM TO 3000" - IAW 8260.46J APPENDIX D 2.E.3.C AND PER FPT REQUEST TO MAINTAIN ABBREVIATED AMENDMENT.



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3. TEXTUAL DEPARTURE PROCEDURES: UPDATED RWY 4 FROM "CLIMB RWY HEADING TO 3000 BEFORE PROCEEDING ON COURSE" TO "CLIMB ON HEADING 037.91 TO 3000 BEFORE PROCEEDING ON COURSE" - IAW 8260.46J APPENDIX D 2.F.1.A AND 8260.46J 2-1-1.G.1.
4. TEXTUAL DEPARTURE PROCEDURES: UPDATED RWY 35 FROM "CLIMB RWY HEADING TO 3000 BEFORE PROCEEDING ON COURSE" TO "CLIMB ON HEADING 353.00 TO 3000 BEFORE PROCEEDING ON COURSE" - IAW 8260.46J APPENDIX D 2.F.1.A AND 8260.46J 2-1-1.G.1.
5. TEXTUAL DEPARTURE PROCEDURES: UPDATED RWY 17 FROM "CLIMB VIA ACT R-196 TO 3000 BEFORE PROCEEDING ON COURSE" TO "CLIMBING RIGHT TURN TO INTERCEPT ACT VORTAC R-195 TO 3000 BEFORE PROCEEDING ON COURSE" - IAW 8260.46J APPENDIX D 2.F.1.A.
6. TEXTUAL DEPARTURE PROCEDURES: UPDATED RWY 22 FROM "CLIMB VIA ACT R-196 TO 3000 BEFORE PROCEEDING ON COURSE" TO "CLIMBING RIGHT TURN TO INTERCEPT ACT VORTAC R-195 TO 3000 BEFORE PROCEEDING ON COURSE" - IAW 8260.46J APPENDIX D 2.F.1.A.
7. UPDATED TAKEOFF OBSTACLE NOTES FOR ALL RUNWAYS - CURRENT OBSTACLES IN DATABASE AND CLEARS NOTAM FDC 3/2961.
8. CONTROLLING OBSTACLES: ADDED "OBSTACLES MANDATING ODP ROUTE DEVELOPMENT: RWY 4, 17, 22, 35: 2535 FT MSL TOWER 312016.20N/0971837.00W" - IAW 8260.46J APPENDIX D 2.I AND PER FPT REQUEST TO MAINTAIN ABBREVIATED AMENDMENT.
9. REMARKS: ADDED "40FT VEGETATION USED PER FPT" - PER FPT REQUEST.
10. REMARKS: ADDED "CG/CGTA/CEIL/VIS: NO CONTROLLERS IDENTIFIED ON PREVIOUS FORMS AND ROUTING ELIMINATES NEED FOR CLIMB GRADIENT. TAKEOFF MINIMUMS RETAINED PER ATC/FPT REQUEST" - PER FPT REQUEST TO MAINTAIN ABBREVIATED AMENDMENT.

5/5//25: THIS IS A UPDATED COPY OF THE FORM DEVELOPED ON 02/10/25.

1. UPDATED: RWY 17/22 FROM "300-1 OR STANDARD WITH MINIMUM CLIMB OF 310 FT/NM TO 3200" TO "300-1 OR STANDARD WITH MINIMUM CLIMB OF 280 FT/NM TO 3000".
2. UPDATED: RWY 17/22 FROM "CLIMBING RIGHT TURN TO INTERCEPT ACT VORTAC R-195 TO 3000 BEFORE PROCEEDING ON COURSE" TO "CLIMBING RIGHT TURN HEADING 228.00 TO INTERCEPT ACT VORTAC R-195 TO 3000 BEFORE PROCEEDING ON COURSE".

