

**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.

CITY, STATE	AIRPORT	EFFECTIVE DATE	AMDT NO
MIDLAND, TX	MIDLAND AIRPARK	16 AUGUST 2018	4

TAKEOFF MINIMUMS:

RWY 7, 34: STANDARD.

RWY 16: 400-2 1/2 OR STANDARD WITH A MINIMUM CLIMB OF 220 FEET PER NM TO 3300.

RWY 25: 300-1 1/8 OR STANDARD WITH A MINIMUM CLIMB OF 230 FEET PER NM TO 3100, OR ALTERNATIVELY, WITH STANDARD TAKEOFF MINIMUMS AND A NORMAL 200 FEET PER NM CLIMB GRADIENT, TAKEOFF MUST OCCUR NO LATER THAN 1700 FEET PRIOR TO DEPARTURE END OF RUNWAY.

TEXTUAL DEPARTURE PROCEDURES:

VISUAL CLIMB OVER AIRPORT:

TAKEOFF OBSTACLE NOTES:

NOTE: RWY 7, VEHICLES ON ROAD AND TREE BEGINNING 87 FT FROM DER, 360 FT LEFT OF CENTERLINE, UP TO 2803 FT MSL.

VEGETATION 218 FT FROM DER, 441 FT RIGHT OF CENTERLINE, 2797 FT MSL.

POLES BEGINNING 316 FT FROM DER, 443 FT LEFT OF CENTERLINE, UP TO 50 FT AGL/2840 FT MSL.

POLES BEGINNING 1601 FT FROM DER, 252 FT LEFT OF CENTERLINE, UP TO 52 FT AGL/2843 FT MSL.

POLE 1868 FT FROM DER, 377 FT LEFT OF CENTERLINE, 52 FT AGL/2849 FT MSL.

POLE 2136 FT FROM DER, 343 FT LEFT OF CENTERLINE, 52 FT AGL/2855 FT MSL.

POLE 2403 FT FROM DER, 309 FT LEFT OF CENTERLINE, 52 FT AGL/2859 FT MSL.

POLES BEGINNING 2688 FT FROM DER, 256 FT LEFT OF CENTERLINE, UP TO 52 FT AGL/2861 FT MSL.

NOTE: RWY 16, VEGETATION 37 FT FROM DER, 490 FT RIGHT OF CENTERLINE, 2803 FT MSL.

POLE 196 FT FROM DER, 498 FT RIGHT OF CENTERLINE, 33 FT AGL/2827 FT MSL.

POLE 318 FT FROM DER, 449 FT RIGHT OF CENTERLINE, 34 FT AGL/2828 FT MSL.

POLES AND TREES BEGINNING 613 FT FROM DER, 296 FT RIGHT OF CENTERLINE, UP TO 42 FT AGL/2834 FT MSL.

POLE 826 FT FROM DER, 454 FT LEFT OF CENTERLINE, 32 FT AGL/2822 FT MSL.

TREE 856 FT FROM DER, 227 FT LEFT OF CENTERLINE, 2829 FT MSL.

TREES BEGINNING 1098 FT FROM DER, 291 FT RIGHT OF CENTERLINE, UP TO 2842 FT MSL.

POLES BEGINNING 1269 FT FROM DER, 664 FT LEFT OF CENTERLINE, UP TO 51 FT AGL/2839 FT MSL.

TOWER 2 NM FROM DER, 3181 FT LEFT OF CENTERLINE, 354 FT AGL/3136 FT MSL.

BUILDING 2 NM FROM DER, 3680 FT LEFT OF CENTERLINE, 354 FT AGL/3135 FT MSL.

NOTE: RWY 25, POLE 104 FT FROM DER, 519 FT RIGHT OF CENTERLINE, 67 FT AGL/2870 FT MSL.

POLES BEGINNING 373 FT FROM DER, 316 FT RIGHT OF CENTERLINE, UP TO 69 FT AGL/2873 FT MSL.

TREE AND SIGN BEGINNING 642 FT FROM DER, 205 FT LEFT OF CENTERLINE, UP TO 2840 FT MSL.

POLES, LIGHTING, AND TREE BEGINNING 644 FT FROM DER, 12 FT RIGHT OF CENTERLINE, UP TO 71 FT AGL/2876 FT MSL.

TREE, POLE, AND LIGHTING BEGINNING 681 FT FROM DER, 76 FT LEFT OF CENTERLINE, UP TO 2842 FT MSL.

BUILDING AND TREES BEGINNING 866 FT FROM DER, 38 FT LEFT OF CENTERLINE, UP TO 40 FT AGL/2851 FT MSL.

TOWER 5309 FT FROM DER, 1326 FT RIGHT OF CENTERLINE, 137 FT AGL/2956 FT MSL.

NOTE: RWY 34, VEHICLES ON ROAD 572 FT FROM DER, 423 FT LEFT OF CENTERLINE, 2816 FT MSL.

POLE AND TREES BEGINNING 635 FT FROM DER, 329 FT RIGHT OF CENTERLINE, UP TO 51 FT AGL/2843 FT MSL.

TREE 838 FT FROM DER, 484 FT LEFT OF CENTERLINE, 2825 FT MSL.

TREES BEGINNING 1216 FT FROM DER, 328 FT RIGHT OF CENTERLINE, UP TO 2850 FT MSL.

CONTROLLING OBSTACLES:

RWY 16: 3136 FT MSL TOWER 315949.00N-1020444.00W (CG/CGTA/CEIL)

RWY 16: 3135 FT MSL BUILDING 315949.00N-1020438.00W (VIS)

RWY 25: 2956 FT MSL TOWER 320212.07N-1020741.71W

REMARKS:

QUALITY
3
CHECKED

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<u>CITY, STATE</u>	<u>AIRPORT</u>	<u>EFFECTIVE DATE</u>	<u>AMDT NO</u>
MIDLAND, TX	MIDLAND AIRPARK	16 AUGUST 2018	4

FLIGHT INSPECTED BY:	<i>Digitally signed by</i>	OFFICE SYMBOL:	DATE:
ROBERT W NICHOLS	ROBERT G HAMILTON	FICO	6/26/18
	Jun 28, 2018		

DEVELOPED BY:	<i>Digitally signed by</i>	OFFICE SYMBOL:	DATE:
LUCAS MCCLOUD	LUCAS MCCLOUD	AJV-5422	05/18/2018
	Jun 13, 2018		

APPROVED BY:	<i>Digitally signed by</i>	OFFICE SYMBOL:	DATE:
JULIE MORGAN	ROBERT G HAMILTON	AJV-5420	
	Jun 28, 2018		

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:
ZFW, MIDLAND APP CON, AMGR

CHANGES - REASONS:

1. RWY 16 TAKEOFF MINIMUMS: CG RAISED FROM 211 TO 220 (FEET PER NM TO 3300 UNCHANGED) - PER TARGETS BUILD BASED ON CURRENT CRITERIA (SAME CG CONTROLLING OBSTACLE).
2. RWY 16 TAKEOFF MINIMUMS: REMOVED 'OR ALTERNATIVELY, WITH STANDARD TAKEOFF MINIMUMS AND A NORMAL 200FT PER NM CLIMB GRADIENT, TAKEOFF MUST OCCUR NO LATER THAN 1700 FT PRIOR TO DER' - NOT AUTHORIZED PER TARGETS BUILD BASED ON CURRENT CRITERIA.
3. RWY 25 TAKEOFF MINIMUMS: LOWERED VIS FROM 2 TO 1 1/8 - PER TARGETS BUILD DATA BASED ON UPDATED OBSTACLE DATABASE (VIS CONTROLLING OBS 3135 FT MSL BUILDING 315949.00N-1020438.00W).
4. RWY 25 TAKEOFF MINIMUMS: CG RAISED FROM 208 TO 230 (FEET PER NM TO 3100 UNCHANGED) - PER TARGETS BUILD BASED ON CURRENT CRITERIA (SAME CONTROLLING OBSTACLE).
5. RWY 25 TAKEOFF MINIMUMS: RUNWAY REDUCTION LENGTH INCREASED FROM 1300 TO 1700 FT PRIOR TO DER - PER TARGETS BUILD BASED ON CURRENT CRITERIA.
6. ALL TAKEOFF OBSTACLE NOTES UPDATED - PER TARGETS BUILD BASED ON UPDATED OBSTACLE DATABASE.
7. ADDED VIS CONTROLLING OBSTACLE FOR RWY 16: 3135 FT MSL BUILDING 315949.00N-1020438.00W- PER TARGETS BUILD BASED ON UPDATED OBSTACLE DATABASE.

QUALITY
3
CHECKED