

**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.

AIRPORT ID	CITY	STATE	AMDT NO	ACTUAL EFFECTIVE DATE
K78	ABILENE	KS	1	

**TAKEOFF MINIMUMS:**

RWY 18: STANDARD.

RWY 36: 300-1 1/4 OR STANDARD WITH MINIMUM CLIMB OF 244 FT/NM TO 1400 OR ALTERNATIVELY, WITH STANDARD TAKEOFF MINIMUMS AND A NORMAL 200 FT/NM CLIMB GRADIENT, TAKEOFF MUST OCCUR NO LATER THAN 2000 FEET PRIOR TO DER.

**TEXTUAL DEPARTURE PROCEDURES:**

RWY 36: CLIMB ON HEADING 357.06 TO 2000 BEFORE TURNING RIGHT.

**VISUAL CLIMB OVER AIRPORT:**

**TAKEOFF OBSTACLE NOTES:**

RWY 18: VEGETATION BEGINNING 32 FT FROM DER, 7 FT LEFT OF CENTERLINE, UP TO 95 FT AGL/1244 FT MSL.  
TREE, POLES, TOWER, VEHICLES ON ROAD BEGINNING 33 FT FROM DER, 225 FT RIGHT OF CENTERLINE, UP TO 95 FT AGL/1244 FT MSL.  
VEGETATION BEGINNING 2764 FT FROM DER, 10 FT LEFT OF CENTERLINE, UP TO 95 FT AGL/1247 FT MSL.

RWY 36: TREES BEGINNING 115 FT FROM DER, 93 FT LEFT OF CENTERLINE, UP TO 95 FT AGL/1244 FT MSL.  
TREES, POLE BEGINNING 115 FT FROM DER, 1 FT RIGHT OF CENTERLINE, UP TO 95 FT AGL/1247 FT MSL.  
TREES BEGINNING 722 FT FROM DER, 21 FT LEFT OF CENTERLINE, UP TO 95 FT AGL/1247 FT MSL.  
TREES, POLES BEGINNING 1328 FT FROM DER, 52 FT LEFT OF CENTERLINE, UP TO 95 FT AGL/1250 FT MSL.  
TREES, POLES BEGINNING 1632 FT FROM DER, 21 FT LEFT OF CENTERLINE, UP TO 95 FT AGL/1257 FT MSL.  
TREES, TRANSMISSION LINES BEGINNING 1633 FT FROM DER, 1 FT RIGHT OF CENTERLINE, UP TO 95 FT AGL/1250 FT MSL.  
TREES, POLE BEGINNING 1935 FT FROM DER, 6 FT LEFT OF CENTERLINE, UP TO 95 FT AGL/1267 FT MSL.  
TREES, TRANSMISSION LINES BEGINNING 1936 FT FROM DER, 1 FT RIGHT OF CENTERLINE, UP TO 95 FT AGL/1254 FT MSL.  
TREES BEGINNING 2239 FT FROM DER, 21 FT LEFT OF CENTERLINE, UP TO 95 FT AGL/1273 FT MSL.  
TREES BEGINNING 2240 FT FROM DER, ON CENTERLINE, UP TO 95 FT AGL/1257 FT MSL.  
TREES, POLE BEGINNING 2542 FT FROM DER, 236 FT LEFT OF CENTERLINE, UP TO 95 FT AGL/1277 FT MSL.  
TREES BEGINNING 2846 FT FROM DER, 236 FT LEFT OF CENTERLINE, UP TO 95 FT AGL/1283 FT MSL.  
TREES BEGINNING 2847 FT FROM DER, ON CENTERLINE, UP TO 95 FT AGL/1260 FT MSL.  
TREES BEGINNING 3149 FT FROM DER, ON AND LEFT OF CENTERLINE, UP TO 95 FT AGL/1290 FT MSL.  
TREES BEGINNING 4059 FT FROM DER, 1 FT LEFT OF CENTERLINE, UP TO 95 FT AGL/1293 FT MSL.  
TREES BEGINNING 4061 FT FROM DER, 235 FT RIGHT OF CENTERLINE, UP TO 95 FT AGL/1263 FT MSL.  
TREES BEGINNING 4363 FT FROM DER, 1 FT LEFT OF CENTERLINE, UP TO 95 FT AGL/1296 FT MSL.  
TREES BEGINNING 4365 FT FROM DER, 235 FT RIGHT OF CENTERLINE, UP TO 95 FT AGL/1267 FT MSL.  
TREE 4668 FT FROM DER, 235 FT RIGHT OF CENTERLINE, 95 FT AGL/1273 FT MSL.

**CONTROLLING OBSTACLES:**

RWY 36: 1323 FT MSL BUILDING 385530.06N/0971406.92W (CLIMB GRADIENT) (CLIMB GRADIENT TERMINATION ALTITUDE) (CEILING) (REDUCED TAKEOFF), 1305 FT MSL ANTENNA 385532.55N/0971354.60W (VISIBILITY).  
OBSTACLES MANDATING ODP ROUTE DEVELOPMENT: RWY 36: 1789 FT MSL TOWER 385746.00N/0971237.00W.

**REMARKS:**

95 FT VEGETATION USED. - PER FPT.

**FLIGHT INSPECTED BY** *Digitally signed by*  
BRIAN HARRELSON **DAVID DANNER**  
Mar 06, 2025

**OFFICE**  
AJF **DATE**  
03/05/2025

**DEVELOPED BY** *Digitally signed by*  
LEO PALMER **LEO PALMER**  
Oct 29, 2024

**OFFICE**  
AJV-A421 **DATE**  
09/30/2024

**APPROVED BY** *Digitally signed by*  
DAVID DANNER **DAVID DANNER**  
Mar 06, 2025

**OFFICE**  
AJV-A421 **DATE**  
04/17/2025 **TITLE**  
MANAGER

**REQUIRED EFFECTIVE DATE:**

ROUTINE

**COORDINATED WITH:**

A4A  ALPA  AOPA  APA  HAI  NBAA

**OTHER:** ZKC, AMGR

**CHANGES - REASONS:**

- TAKEOFF MINIMUMS: RWY 17/ RWY 35 CHANGED TO RWY 18/ RWY 36. - PENDING AIRPORT DATA USED, MAGVAR UPDATE FROM E7/1985 TO E3/2025.

-TEXTUAL DEPARTURE PROCEDURES CHANGED FROM "RWY 36: CLIMB ON HEADING 353.07 TO 2000 BEFORE TURNING RIGHT." TO "RWY 36:



AIRPORT ID  
K78

CITY  
ABILENE

STATE  
KS

AMDT NO  
1

ACTUAL EFFECTIVE DATE

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CLIMB ON HEADING 357.06 TO 2000 BEFORE TURNING RIGHT" - MAGVAR UPDATED FROM E7/1985 TO E3/2025.  
- TAKEOFF MINIMUMS: RWY 36 CHANGED FROM "300 - 1 1/8 OR STANDARD WITH MINIMUM CLIMB OF 245 FT PER NM TO 1400, OR ALTERNATIVELY, WITH STANDARD TAKEOFF MINIMUMS AND A NORMAL 200 FT PER NM CLIMB GRADIENT, TAKEOFF MUST OCCUR NO LATER THAN 2100 FEET PRIOR TO DER" TO "300-1 1/4 OR STANDARD WITH MINIMUM CLIMB OF 244 FT/NM TO 1400 OR ALTERNATIVELY, WITH STANDARD TAKEOFF MINIMUMS AND A NORMAL 200 FT/NM CLIMB GRADIENT, TAKEOFF MUST OCCUR NO LATER THAN 2000 FEET PRIOR TO DER". - RWY 18 IS BEING DISPLACED 182 FEET, RE-EVALUATED AS REQUIRED.  
- TAKEOFF OBSTACLE NOTES: UPDATED AND ADDED PER TARGETS EVAL USING MITRE 3DEP/CURRENT DATABASE.  
- CONTROLLING OBSTACLES: ADDED 1305 FT MSL ANTENNA. - TARGETS IDENTIFIED VISIBILITY OBS.

