

**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>
K33	SALEM	MO	ORIG-A	

**TAKEOFF MINIMUMS:**

RWY 35: STANDARD.

RWY 17: 300-2 1/2 OR STANDARD WITH MINIMUM CLIMB OF 237 FT/NM TO 1700.

**TEXTUAL DEPARTURE PROCEDURES:**

**VISUAL CLIMB OVER AIRPORT:**

**TAKEOFF OBSTACLE NOTES:**

NOTE: RWY 17: TREE 82 FT FROM DER, 408 FT LEFT OF CENTERLINE, 1244 FT MSL.  
TREES BEGINNING 157 FT FROM DER, 284 FT RIGHT OF CENTERLINE, UP TO 48 FT AGL/1263 FT MSL.  
TREE 360 FT FROM DER, 402 FT RIGHT OF CENTERLINE, 1264 FT MSL.  
TREE 459 FT FROM DER, 490 FT LEFT OF CENTERLINE, 1253 FT MSL.  
TREES BEGINNING 664 FT FROM DER, 430 FT LEFT OF CENTERLINE, UP TO 1295 FT MSL.  
TREES BEGINNING 932 FT FROM DER, 249 FT LEFT OF CENTERLINE, UP TO 1306 FT MSL.  
TREE 938 FT FROM DER, 280 FT RIGHT OF CENTERLINE, 1276 FT MSL.  
TREES BEGINNING 2620 FT FROM DER, 675 FT RIGHT OF CENTERLINE, UP TO 1316 FT MSL.  
TREE 2957 FT FROM DER, 591 FT RIGHT OF CENTERLINE, 1318 FT MSL.  
TREE 3029 FT FROM DER, 696 FT RIGHT OF CENTERLINE, 1320 FT MSL.  
TREE 4153 FT FROM DER, 409 FT RIGHT OF CENTERLINE, 74 FT AGL/1348 FT MSL.

NOTE: RWY 35: TREE 5 FT FROM DER, 405 FT RIGHT OF CENTERLINE, 1226 FT MSL.  
TREE 166 FT FROM DER, 405 FT RIGHT OF CENTERLINE, 19 FT AGL/1231 FT MSL.  
TREES, POLE BEGINNING 255 FT FROM DER, 245 FT RIGHT OF CENTERLINE, UP TO 1255 FT MSL.  
TREE 2413 FT FROM DER, 773 FT RIGHT OF CENTERLINE, 1286 FT MSL.

**CONTROLLING OBSTACLES:**

RWY 17: 1528 FT MSL AAO 373500.00N/0913609.00W (CLIMB GRADIENT) (CLIMB GRADIENT TERMINATION ALTITUDE), 1535 FT MSL AAO 373457.00N/0913500.00W (VISIBILITY), 1535 FT MSL AAO 373500.00N/0913500.00W (CEILING).

**REMARKS:**

100 FT TREES USED FOR PROCEDURE DEVELOPMENT.

**FLIGHT INSPECTED BY**  
NICHOLAS A VARNER

*Digitally signed by*  
**ROBERT G HAMILTON**

**OFFICE**  
AJF

**DATE**  
12/18/2024

**DEVELOPED BY**  
ERIC N SUSKI (CODY J. GIVEN)

Dec 20, 2024  
*Digitally signed by*  
**ROBERT G HAMILTON**

**OFFICE**  
AJV-A431

**DATE**  
09/26/2024

**APPROVED BY**  
ERIC N SUSKI

Dec 20, 2024  
*Digitally signed by*  
**ROBERT G HAMILTON**

**OFFICE**  
AJV-A431

**DATE**  
01/16/2025

**TITLE**  
MANAGER

**REQUIRED EFFECTIVE DATE:**

Dec 20, 2024

ROUTINE

**COORDINATED WITH:**

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

**OTHER:** ZKC, ARPT MGR.

**CHANGES - REASONS:**

1. TAKEOFF MINIMUMS: UPDATED FROM "RWY 35 STANDARD" TO "RWY 35: STANDARD" – UPDATE FORMATTING IAW 8260.46J.
2. TAKEOFF MINIMUMS: UPDATED FROM "RWY 17, 400-2 1/4 OR STANDARD WITH MINIMUM CLIMB OF 300FT PER NM TO 1500" TO "RWY 17: 300-2 1/2 OR STANDARD WITH MINIMUM CLIMB OF 237 FT/NM TO 1700" – NEW CONTROLLING OBSTACLES IDENTIFIED AND UPDATE FORMATTING IAW 8260.46J.
3. TAKEOFF OBSTACLE NOTES: UPDATED NOTES – NEW DEPARTURE EVALUATION.
4. CONTROLLING OBSTACLES: UPDATED FROM "RWY 17-1409 FT MSL POWERLINE 373556.38N/0913602.84W, 1549 FT MSL AAO 373453.55N/0913455.70W" TO "RWY 17: 1528 FT MSL AAO 373500.00N/0913609.00W (CLIMB GRADIENT) (CLIMB GRADIENT TERMINATION ALTITUDE), 1535 FT MSL AAO 373457.00N/0913500.00W (VISIBILITY), 1535 FT MSL AAO 373500.00N/0913500.00W (CEILING)" - NEW CONTROLLING OBSTACLES IDENTIFIED.
5. REMARKS: ADDED "100 FT TREES USED FOR PROCEDURE DEVELOPMENT".

QUALITY  
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CHECKED