

**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	AIRPORT ID	CITY	STATE	AMDT NO	ACTUAL EFFECTIVE DATE
SPRINGERVILLE MUNI	KJTC	SPRINGERVILLE	AZ	ORIG-A	2 DECEMBER 2021

TAKEOFF MINIMUMS:

RWY 3: STANDARD WITH MINIMUM CLIMB OF 240 FT PER NM TO 7800 OR 3300-5 FOR VCOA.
RWY 11: STANDARD WITH MINIMUM CLIMB OF 440 FT PER NM TO 8200 OR 3300-5 FOR VCOA.
RWY 21: STANDARD WITH MINIMUM CLIMB OF 365 FT PER NM TO 8600 OR 3300-5 FOR VCOA.
RWY 29: 400-2 1/2 OR STANDARD WITH MINIMUM CLIMB OF 280 FT PER NM TO 7300.

TEXTUAL DEPARTURE PROCEDURES:

RWY 3: CLIMBING LEFT TURN TO 9100 ON HEADING 360 BEFORE PROCEEDING ON COURSE.
RWY 11: CLIMBING LEFT TURN TO 10500 ON HEADING 360 BEFORE PROCEEDING ON COURSE.
RWY 21: CLIMBING RIGHT TURN TO 10300 ON HEADING 360 BEFORE PROCEEDING ON COURSE.
RWY 29: CLIMBING RIGHT TURN TO 9100 ON HEADING 360 BEFORE PROCEEDING ON COURSE.

VISUAL CLIMB OVER AIRPORT:

RWYS 3, 11, 21: OBTAIN ATC APPROVAL FOR VCOA WHEN REQUESTING IFR CLEARANCE. CLIMB IN VISUAL CONDITIONS TO CROSS SPRINGERVILLE MUNI AIRPORT AT OR ABOVE 10400 BEFORE PROCEEDING ON COURSE.

TAKEOFF OBSTACLE NOTES:

RWY 11: TREES BEGINNING 9 FT FROM DER, 12 FT LEFT OF CENTERLINE, UP TO 100 FT AGL/7121 FT MSL.
TREES BEGINNING 162 FT FROM DER, 8 FT RIGHT OF CENTERLINE, UP TO 100 FT AGL/7125 FT MSL.
TREES BEGINNING 3240 FT FROM DER, 48 FT RIGHT OF CENTERLINE, UP TO 100 FT AGL/7135 FT MSL.
TREES BEGINNING 3440 FT FROM DER, 289 FT RIGHT OF CENTERLINE, UP TO 100 FT AGL/7138 FT MSL.
TREES BEGINNING 3625 FT FROM DER, 135 FT RIGHT OF CENTERLINE, UP TO 100 FT AGL/7148 FT MSL.
TREES BEGINNING 3825 FT FROM DER, 376 FT RIGHT OF CENTERLINE, UP TO 100 FT AGL/7151 FT MSL.
TREES BEGINNING 4010 FT FROM DER, 222 FT RIGHT OF CENTERLINE, UP TO 100 FT AGL/7158 FT MSL.
TREES BEGINNING 4210 FT FROM DER, 463 FT RIGHT OF CENTERLINE, UP TO 100 FT AGL/7161 FT MSL.
TREES BEGINNING 4395 FT FROM DER, 703 FT RIGHT OF CENTERLINE, UP TO 100 FT AGL/7167 FT MSL.
TREES BEGINNING 4779 FT FROM DER, 790 FT RIGHT OF CENTERLINE, UP TO 100 FT AGL/7174 FT MSL.
TREES BEGINNING 4964 FT FROM DER, 1031 FT RIGHT OF CENTERLINE, UP TO 100 FT AGL/7177 FT MSL.
TREES BEGINNING 5349 FT FROM DER, 1512 FT RIGHT OF CENTERLINE, UP TO 100 FT AGL/7184 FT MSL.
TREE 5734 FT FROM DER, 1993 FT RIGHT OF CENTERLINE, 100 FT AGL/190 FT MSL.
RWY 21: FENCE BEGINNING 163 FT FROM DER, 300 FT LEFT OF CENTERLINE, UP TO 7065 FT MSL.
TERRAIN BEGINNING 211 FT FROM DER, 391 FT LEFT OF CENTERLINE, UP TO 7066 FT MSL.
TREE 4771 FT FROM DER, 1744 FT RIGHT OF CENTERLINE, 100 FT AGL/7184 FT MSL.
TREES BEGINNING 4776 FT FROM DER, 1755 FT LEFT OF CENTERLINE, UP TO 100 FT AGL/7190 FT MSL.
TREE 5339 FT FROM DER, 1899 FT RIGHT OF CENTERLINE, 100 FT AGL/7194 FT MSL.
TREE 5732 FT FROM DER, 1871 FT RIGHT OF CENTERLINE, 100 FT AGL/7204 FT MSL.
RWY 29: TREES BEGINNING 52 FT FROM DER, 1 FT RIGHT OF CENTERLINE, UP TO 100 FT AGL/7121 FT MSL.
TREE 67 FT FROM DER, 39 FT LEFT OF CENTERLINE, 100 FT AGL/7121 FT MSL.
TREES BEGINNING 82 FT FROM DER, 18 FT LEFT OF CENTERLINE, UP TO 100 FT AGL/7125 FT MSL.
TREE 2822 FT FROM DER, 1006 FT LEFT OF CENTERLINE, 100 FT AGL/7128 FT MSL.
TREES BEGINNING 2942 FT FROM DER, 130 FT LEFT OF CENTERLINE, UP TO 7139 FT MSL.
TREE 4191 FT FROM DER, 1292 FT LEFT OF CENTERLINE, 100 FT AGL/7141 FT MSL.
TREES BEGINNING 4299 FT FROM DER, 524 FT RIGHT OF CENTERLINE, UP TO 100 FT AGL/7141 FT MSL.
TREE 4376 FT FROM DER, 1052 FT LEFT OF CENTERLINE, 100 FT AGL/7154 FT MSL.
TREES BEGINNING 4391 FT FROM DER, 23 FT LEFT OF CENTERLINE, UP TO 100 FT AGL/7158 FT MSL.
TREES BEGINNING 4499 FT FROM DER, 370 FT RIGHT OF CENTERLINE, UP TO 100 FT AGL/7151 FT MSL.
TREE 4560 FT FROM DER, 811 FT LEFT OF CENTERLINE, 100 FT AGL/7164 FT MSL.
TREES BEGINNING 4576 FT FROM DER, 176 FT LEFT OF CENTERLINE, UP TO 100 FT AGL/7181 FT MSL.
TREE 4683 FT FROM DER, 1005 FT RIGHT OF CENTERLINE, 100 FT AGL/7158 FT MSL.
TREES BEGINNING 4699 FT FROM DER, 217 FT RIGHT OF CENTERLINE, UP TO 100 FT AGL/7167 FT MSL.
TREE 4883 FT FROM DER, 852 FT RIGHT OF CENTERLINE, 100 FT AGL/7181 FT MSL.
TREES BEGINNING 4899 FT FROM DER, 63 FT RIGHT OF CENTERLINE, UP TO 100 FT AGL/7187 FT MSL.
TREES BEGINNING 5299 FT FROM DER, 151 FT RIGHT OF CENTERLINE, UP TO 100 FT AGL/7190 FT MSL.
TREES BEGINNING 5361 FT FROM DER, 2 FT LEFT OF CENTERLINE, UP TO 100 FT AGL/7200 FT MSL.
TREES BEGINNING 5561 FT FROM DER, 156 FT LEFT OF CENTERLINE, UP TO 100 FT AGL/7204 FT MSL.
TREES BEGINNING 5684 FT FROM DER, 238 FT RIGHT OF CENTERLINE, UP TO 100 FT AGL/7194 FT MSL.
TREE 5884 FT FROM DER, 84 FT RIGHT OF CENTERLINE, 100 FT AGL/7197 FT MSL.



TREES BEGINNING 5918 FT FROM DER, 325 FT RIGHT OF CENTERLINE, UP TO 7199 FT MSL.
TREES BEGINNING 5930 FT FROM DER, 68 FT LEFT OF CENTERLINE, UP TO 100 FT AGL/7207 FT MSL.
TREES BEGINNING 1 NM FROM DER, 222 FT LEFT OF CENTERLINE, UP TO 100 FT AGL/7210 FT MSL.
TREES BEGINNING 1 NM FROM DER, 171 FT RIGHT OF CENTERLINE, UP TO 100 FT AGL/7200 FT MSL.
TREES BEGINNING 1 NM FROM DER, 375 FT LEFT OF CENTERLINE, UP TO 100 FT AGL/7213 FT MSL.
TREES BEGINNING 1 NM FROM DER, 18 FT RIGHT OF CENTERLINE, UP TO 100 FT AGL/7204 FT MSL.
TREES BEGINNING 1 NM FROM DER, 135 FT LEFT OF CENTERLINE, UP TO 100 FT AGL/7217 FT MSL.
TREES BEGINNING 1.1 NM FROM DER, 288 FT LEFT OF CENTERLINE, UP TO 100 FT AGL/7220 FT MSL.
TREES BEGINNING 1.1 NM FROM DER, 442 FT LEFT OF CENTERLINE, UP TO 100 FT AGL/7223 FT MSL.
TREES BEGINNING 1.1 NM FROM DER, 989 FT LEFT OF CENTERLINE, UP TO 100 FT AGL/7230 FT MSL.
TREE 1.2 NM FROM DER, 2479 FT LEFT OF CENTERLINE, 100 FT AGL/7233 FT MSL.
TREE 2 NM FROM DER, 1412 FT RIGHT OF CENTERLINE, 100 FT AGL/7361 FT MSL.

CONTROLLING OBSTACLES:

RWY 3: 7599 FT MSL TREE 341030.40N/1091506.50W.

RWY 11: 7559 FT MSL TREE 340602.51N/1091528.32W.

RWY 21: 8199 FT MSL AAO 340654.37N/1092410.00W (CLIMB GRADIENT/CLIMB-TO-ALTITUDE).

RWY 29: 7199 FT MSL TREE 340809.02N/1091956.96W (CLIMB GRADIENT/CLIMB-TO-ALTITUDE), 7399 FT MSL TREE 340921.02N/1092048.04W (CEILING/VISIBILITY).

VCOA: VISUAL CLIMB AREA OBSTACLE: 9450 FT MSL AAO 340236.33N/1092133.58. OBSTACLE OUTSIDE VISUAL CLIMB AREA MANDATING VCOA CLIMB TO ALTITUDE: 11119 FT MSL AAO 335719.48N/1090732.63.

OBSTACLE MANDATING ODP ROUTE DEVELOPMENT:

RWYS 3, 11, 21, 29: 11119 FT MSL TERRAIN 335719.48N/1090732.63W.

REMARKS:

100 FT VEGETATION USED.

FLIGHT INSPECTED BY

MICHAEL S MILLER

Digitally signed by

DONALD H LANIER

Oct 08, 2021

OFFICE

FPO

DATE

10/06/2021

DEVELOPED BY

DONALD LANIER (MICAH HILLEY)

Digitally signed by

DONALD H LANIER

Oct 08, 2021

OFFICE

AJV-A431

DATE

07/22/2021

APPROVED BY

LONNIE EVERHART

Digitally signed by

DONALD H LANIER

Oct 08, 2021

OFFICE

AJV-A430

DATE

TITLE

MANAGER

REQUIRED EFFECTIVE DATE:

ROUTINE

COORDINATED WITH:

A4A ☐ **ALPA** ☒ **AOPA** ☒ **APA** ☐ **HAI** ☐ **NBAA** ☒ **OTHER:** ZAB, APRT MGR.

CHANGES - REASONS:

1. CHANGED RWY 3 TAKEOFF MINIMUMS FROM: STANDARD TO: STANDARD WITH MINIMUM CLIMB OF 240 FT PER NM TO 7800 OR 3300-5 FOR VCOA - NEW EVALUATION; 40:1 PENETRATIONS; 8260.46G TABLE 2-1-1.
2. CHANGED RWY 11 TAKEOFF MINIMUMS FROM: STANDARD TO: STANDARD WITH MINIMUM CLIMB OF 440 FT PER NM TO 8200 OR 3300-5 FOR VCOA - NEW EVALUATION; 40:1 PENETRATIONS; 8260.46G TABLE 2-1-1.
3. CHANGED RWY 21 TAKEOFF MINIMUMS FROM: 1000-2 OR STD WITH MIN. CLIMB OF 360' PER NM TO: STANDARD WITH MINIMUM CLIMB OF 365 FT PER NM TO 8600 OR 3300-5 FOR VCOA - NEW EVALUATION; 40:1 PENETRATION; 8260.46G TABLE 2-1-1.
4. CHANGED RWY 29 TAKEOFF MINIMUMS FROM: STANDARD TO: 400-2 1/2 OR STANDARD WITH MINIMUM CLIMB OF 280 FT PER NM TO 7300 - NEW EVALUATION.
5. UPDATED TAKEOFF OBSTACLE NOTES - NEW EVALUATION.
6. ADDED VCOA FOR RWYS 3, 11, AND 21 - 40:1 PENETRATIONS; 8260.46G TABLE 2-1-1.
7. CHANGED RWY 3 TEXTUAL DEPARTURE PROCEDURE FROM: CLIMBING LEFT TURN TO 8400 VIA HEADING 360 BEFORE PROCEEDING ON COURSE TO: CLIMBING LEFT TURN TO 9100 ON HEADING 360 BEFORE PROCEEDING ON COURSE - 8260.46G TABLE 2-1-1; 8260.46G APPENDIX D 8A.
8. CHANGED RWY 11 TEXTUAL DEPARTURE PROCEDURE FROM: CLIMBING LEFT TURN TO 8400 VIA HEADING 360 BEFORE PROCEEDING ON COURSE TO: CLIMBING LEFT TURN TO 10500 ON HEADING 360 BEFORE PROCEEDING ON COURSE - 8260.46G TABLE 2-1-1; 8260.46G APPENDIX D 8A.
9. CHANGED RWY 21 TEXTUAL DEPARTURE PROCEDURE FROM: CLIMBING RIGHT TURN TO 8400 VIA HEADING 360 BEFORE PROCEEDING ON COURSE TO: CLIMBING RIGHT TURN TO 10300 ON HEADING 360 BEFORE PROCEEDING ON COURSE - 8260.46G TABLE 2-1-1; 8260.46G APPENDIX D 8A.
10. CHANGED RWY 29 TEXTUAL DEPARTURE PROCEDURE FROM: CLIMBING RIGHT TURN TO 8400 VIA HEADING 360 BEFORE PROCEEDING ON COURSE TO: CLIMBING RIGHT TURN TO 9100 ON HEADING 360 BEFORE PROCEEDING ON COURSE - 8260.46G TABLE 2-1-1; 8260.46G APPENDIX D

QUALITY
22
CHECKED

<u>AIRPORT</u>	<u>AIRPORT ID</u>	<u>CITY</u>	<u>STATE</u>	<u>AMDT NO</u>	<u>EFFECTIVE DATE</u>
SPRINGERVILLE MUNI	KJTC	SPRINGERVILLE	AZ	ORIG-A	2 DECEMBER 2021

8A.

