

U.S. DEPARTMENT OF TRANSPORTATION – FEDERAL AVIATION ADMINISTRATION  
**TAKEOFF MINIMUMS AND OBSTACLE DEPARTURE PROCEDURES (ODP)**

Bearings, headings, courses, tracks and radials are magnetic. Elevation 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.
EXCELSIOR SPRINGS, MO	EXCELSIOR SPRINGS MEMORIAL	20 AUGUST 2015	2

**TAKEOFF MINIMUMS:**

RWY 3, 300-1.  
RWY 21, 300-1

**TEXTUAL DEPARTURE PROCEDURES:**

**VISUAL CLIMB OVER AIRPORT:**

**TAKEOFF OBSTACLE NOTES:**

**NOTE:** RWY 3, TREES BEGINNING 678 FT FROM DER, 22 FT LEFT OF CENTERLINE, UP TO 150 FT AGL/1159 FT MSL. TREES BEGINNING 1897 FT FROM DER, 932 FT RIGHT OF CENTERLINE, UP TO 150 FT AGL/1199 FT MSL. VEHICLES ON ROADS BEGINNING 54 FT FROM DER, LEFT AND RIGHT OF CENTERLINE, UP TO 15 FT AGL/1003 FT MSL.

**NOTE:** RWY 21, TREES BEGINNING 384 FT FROM DER, 176 FT LEFT OF CENTERLINE, UP TO 150 FT AGL/1159 FT MSL. TREES BEGINNING 565 FT FROM DER, 127 FT RIGHT OF CENTERLINE, UP TO 150 FT AGL/1149 FT MSL.

**CONTROLLING OBSTACLES:**

RWY 3: 1199 FT MSL TREE 392037.22N/0941122.76W



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**REMARKS:**

RWY 21 DOES NOT HAVE A SURVEY, HAS NO CONTROLLING OBSTACLE, 300-1, OR STANDARD WITH MINIMUM CLIMB OF 505 FT PER NM TO 1200 FT REQUESTED BY FLIGHT CHECK. 505 CG TO 1200 FT DISAPPROVED BY AFS AND 300-1 PUBLISHED. SEE ADDITIONAL DOCUMENTATION IN DIGITAL DATA FILE.

**FLIGHT INSPECTED BY:**

DOUG MILLER      *Digitally signed by*  
                              **JACOB POWERS**  
                              Jul 09, 2015

6/2/2015

**REQUIRED EFFECTIVE DATE:**

ROUTINE

**DEVELOPED BY:**

THOMAS L. KIRKPATRICK      AJV-5423

*Digitally signed by*  
3/19/15      **THOMAS L KIRKPATRICK**  
                              Apr 09, 2015

**APPROVED BY:**

GEORGE GONZALEZ      *Digitally signed by*  
                              **JACOB POWERS**  
                              Jul 09, 2015      AJV-5420

**COORDINATED WITH:**

ALPA, AOPA, NBAA, ZKC, MCI APP CON, AMGR.

**CHANGES:**

1. CHANGED RWY NUMBERS FROM 1/19 TO 3/21.
2. ASSUMED TREE HEIGHT CHANGED FROM 100 FT TO 150 FT.

**REASONS:**

1. AIRPORT MAG VAR UPDATED FROM 7E/1965 TO 1E/2020.
2. FPT CHECKLIST VIA AFLD MGR.

