

INSTRUMENT APPROACH PROCEDURE CHARTS

**IFR TAKE-OFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES**

Civil Airports and Selected Military Airports

ALL USERS: Airports that have Departure Procedures (DPs) designed specifically to assist pilots in avoiding obstacles during the climb to the minimum enroute altitude, and/or airports that have civil IFR take-off minimums other than standard, are listed below. Take-off Minimums and Departure Procedures apply to all runways unless otherwise specified. Altitudes, unless otherwise indicated, are minimum altitudes in MSL.

DPs specifically designed for obstacle avoidance are referred to as Obstacle Departure Procedures (ODPs) and are described below in text, or published separately as a graphic procedure. If the (Obstacle) DP is published as a graphic procedure, its name will be listed below, and it can be found in either this volume (civil), or a separate Departure Procedure volume (military), as appropriate. Users will recognize graphic obstacle DPs by the term "(OBSTACLE)" included in the procedure title; e.g., TETON TWO (OBSTACLE). If not assigned a SID or radar vector by ATC, an ODP may be flown without ATC clearance to ensure obstacle clearance.

Graphic DPs designed by ATC to standardize traffic flows, ensure aircraft separation and enhance capacity are referred to as "Standard Instrument Departures (SIDs)". SIDs also provide obstacle clearance and are published under the appropriate airport section. ATC clearance must be received prior to flying a SID.

CIVIL USERS NOTE: Title 14 Code of Federal Regulations Part 91 prescribes standard take-off rules and establishes take-off minimums for certain operators as follows: (1) Aircraft having two engines or less - one statute mile. (2) Aircraft having more than two engines - one-half statute mile. These standard minima apply in the absence of any different minima listed below.

MILITARY USERS NOTE: Civil (nonstandard) take-off minima are published below. For military take-off minima, refer to appropriate service directives.

NAME TAKE-OFF MINIMUMS

**ALTON/ST. LOUIS, IL**

ST. LOUIS RGNL (ALN)

ORIG 05300 (FAA)

NOTE: **Rwy 11**, tree 1876' from departure end of runway, 834' left of centerline, 65' AGL/575' MSL, light pole 1067' from departure end of runway, 667' left of centerline, 25' AGL/554' MSL. **Rwy 17**, multiple trees beginning 1520' from departure end of runway, 859' right of centerline, 82' AGL/621' MSL, tree 1794' from departure end of runway, 410' left of centerline, 59' AGL/598' MSL. **Rwy 29**, multiple trees beginning 1318' from departure end of runway, 494' left of centerline, 59' AGL/579' MSL, light pole 663' from departure end of runway, 528' left of centerline, 10' AGL/559' MSL, tree 1481' from departure end of runway, 501' right of centerline, 66' AGL/578' MSL. **Rwy 35**, multiple trees and light pole beginning 980' from departure end of runway, 574' left of centerline, 67' AGL/596' MSL.

NAME TAKE-OFF MINIMUMS

**ANTIGO, WI**

LANGLADE COUNTY (AIG)

ORIG 08101 (FAA)

TAKE-OFF MINIMUMS: **Rwy 8**, 400-2 or std. w/ min. climb of 221' per NM to 1900, or alternatively, with std. takeoff min. and a normal 200'/NM climb gradient, takeoff must occur no later than 1800' prior to departure end of runway.

NOTE: **Rwy 8**, Trees beginning 3692' from departure end of runway, 538' right of centerline, up to 100' AGL/1799' MSL. Vehicle and road 796' from departure end of runway, 27' right of centerline, 15' AGL/1544' MSL. **Rwy 16**, Vehicle and road beginning 150' from departure end of runway, 212' left of centerline, 15' AGL/1539' MSL. **Rwy 26**, Trees beginning 2447' from departure end of runway, on centerline, up to 100' AGL/1614' MSL.

**AMERY, WI**

AMERY MUNI (AHH)

AMDT 1 05076 (FAA)

TAKE-OFF MINIMUMS: **Rwy 18**, 400-1 or std. with a min. climb of 335' per NM to 1600

NOTE: **Rwy 18**, towers 6684' from departure end of runway, 2072' left of centerline, 140' AGL/1340' MSL.

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## ASHLAND, WI

JOHN F. KENNEDY MEMORIAL (ASX)

AMDT 1 08157 (FAA)

NOTE: **Rwy 2**, trees beginning 52' from departure end of runway, 209' right of centerline, up to 100' AGL/939' MSL. Trees beginning 119' from departure end of runway, 110' left of centerline, up to 100' AGL/929' MSL. Antenna 2411' from departure end of runway, 920' left of centerline, 117' AGL/926' MSL. **Rwy 13**, trees beginning 44' from departure end of runway, 161' right of centerline, up to 100' AGL/878' MSL. Trees beginning 831' from departure end of runway, 241' left of centerline, up to 100' AGL/868' MSL. **Rwy 20**, truck on road 329' from departure end of runway, 576' right of centerline, 15' AGL/844' MSL. Trees beginning 206' from departure end of runway, 229' right of centerline, up to 100' AGL/893' MSL. Trees beginning 1152' from departure end of runway, 295' left of centerline, up to 100' AGL/893' MSL. **Rwy 31**, truck on road 65' from departure end of runway, 325' right and 331' left of centerline, 15' AGL/844' MSL. Trees beginning 90' from departure end of runway, 172' right of centerline, up to 100' AGL/919' MSL. Trees beginning 34' from departure end of runway, 222' left of centerline, up to 100' AGL/838' MSL.

## BARABOO, WI

BARABOO WISCONSIN DELLS (DLL)

ORIG 85017 (FAA)

TAKE-OFF MINIMUMS: **Rwy 1**, 300-1.

DEPARTURE PROCEDURE: **Rwy 14**, southeastbound departures, climbing left turn to heading 070° intercept DLL R-090, climb to 3200 before proceeding southeastbound. **Rwys 19, 32**, southeastbound departures (090° CW 180°) climb on runway heading to 3200 before proceeding on course.

## BLACK RIVER FALLS, WI

BLACK RIVER FALLS AREA (BCK)

AMDT 1 (FAA)

DEPARTURE PROCEDURE: **Rwys 8, 26**, climb runway heading to 1400 before proceeding on course.

## BLOOMINGTON-NORMAL, IL

CENTRAL IL RGNL ARPT AT BLOOMINGTON-NORMAL (BMI)

ORIG 07074 (FAA)

DEPARTURE PROCEDURE: **Rwy 20**, climb heading 198° to 1400 before turning left.

NOTE: **Rwy 2**, pole 1638' from departure end of runway, 908' right of centerline, 78' AGL/922' MSL. **Rwy 11**, tree 2069' from departure end of runway, 1031' right of centerline, 60' AGL/933' MSL.

## BOSCOBEL, WI

BOSCOBEL (OVS)

AMDT 1 07298 (FAA)

TAKE-OFF MINIMUMS: **Rwy 2**, 600-3 or std. w/ min. climb of 447' per NM to 1300. **Rwy 7**, std. w/ min. climb of 548' per NM to 1500, or 1200-2½ for climb in visual conditions. **Rwy 20**, std. w/ min. climb of 672' per NM to 1400 or 1200-2½ for climb in visual conditions. **Rwy 25**, std. w/ min. climb of 381' per NM to 1300 or 1200-2½ for climb in visual conditions.

DEPARTURE PROCEDURE: **Rwy 2**, climb heading 017° to 1300 before turning south. **Rwy 7**, climb heading 067° to 1500 before turning south, or for climb in visual conditions, cross Boscobel Airport at or above 1700 before proceeding on course. **Rwy 20**, climb heading 197° to 1500 before turning east, or for climb in visual conditions, cross Boscobel Airport at or above 1700 before proceeding on course. **Rwy 25**, climb heading 247° to 1500 before proceeding on course, or for climb in visual conditions, cross Boscobel Airport at or above 1700 before proceeding on course.

NOTE: **Rwy 2**, trees 1.3 NM from departure end of runway, 2536' left of centerline, 100' AGL/1118' MSL. Trees 1.6 NM from departure end of runway, 1276' left of centerline, 100' AGL/1127' MSL. Trees 1750' from departure end of runway, 470' left of centerline, 100' AGL/835' MSL. **Rwy 7**, trees 1.2 NM from departure end of runway, 2270' right of centerline, 100' AGL/1167' MSL. Trees 1290' from departure end of runway, 580' left of centerline, 100' AGL/726' MSL. Tree 13' from departure end of runway, 489' left of centerline, 10' AGL/690' MSL. Trees 1988' from departure end of runway, 250' left of centerline, 40' AGL/738' MSL. **Rwy 20**, tower 1.7 NM from departure end of runway, 640' right of centerline, 205' AGL/1196' MSL. Tower 3070' from departure end of runway, 865' left of centerline, 100' AGL/790' MSL. **Rwy 25**, tree 1.6 NM from departure end of runway, 2290' right of centerline, 100' AGL/1137' MSL. Tree 2.1 NM from departure end of runway, 1110' right of centerline, 100' AGL/1066' MSL. Trees 958' from departure end of runway, 478' right of centerline, 40' AGL/737' MSL. Trees 1165' from departure end of runway, 701' left of centerline, 40' AGL/731' MSL. Tree 1.6 NM from departure end of runway, 2290' right of centerline, 100' AGL/1137' MSL.

## BOYCEVILLE, WI

BOYCEVILLE MUNI (3T3)

ORIG 02332 (FAA)

TAKE-OFF MINIMUMS: **Rwy 8**, 1300-2 or std. with a min. climb of 340' per NM to 2700.

NOTE: **Rwy 8**, tower 6.44 NM from departure end of runway, 3378' right of centerline, 1200' AGL/2180' MSL.

## BURLINGTON, WI

BURLINGTON MUNI (BUU)

AMDT 2 86128 (FAA)

TAKE-OFF MINIMUMS: **Rwy 29**, 300-1 or std. with a min. climb of 260' per NM to 1100.

DEPARTURE PROCEDURE: **Rwy 11**, climb runway heading to 1400 before turning.

## CABLE, WI

CABLE UNION (3CU)

AMDT 4 99308 (FAA)

DEPARTURE PROCEDURE: **Rwy 16**, west departures, climb runway heading to 1900 before turning westbound.

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**CAHOKIA/ST. LOUIS, IL**

ST. LOUIS DOWNTOWN (CPS)

AMDT 7 05300 (FAA)

TAKEOFF MINIMUMS: **Rwy 5**, 200-1 ¼ or std. with a min. climb of 343' per NM to 800. **Rwy 30L**, 400-2½ or std. with a min. climb of 220' per NM to 900.

DEPARTURE PROCEDURE: **Rwy 5**, climb via heading 047° to 900 before turning left. **Rwy 12L/12R**, climb via heading 122° to 1000 before turning left. **Rwy 23**, climb via heading 227° to 2000 before turning. **Rwy 30L/30R**, climb via heading 302° to 1700 before turning.

NOTE: **Rwy 5**, antenna 476' from departure end of runway, 326' right of centerline, 37' AGL/448' MSL, pole 630' from departure end of runway, 540' right of centerline, 62' AGL/473' MSL, multiple towers beginning 1649' from departure end of runway, 19' left of centerline, up to 76' AGL/487' MSL. **Rwy 12L**, tree 1633' from departure end of runway, 144' left of centerline, 44' AGL/453' MSL. **Rwy 12R**, tree 2279' from departure end of runway 927' right of centerline, 77' AGL/486' MSL. Tree 3823' from departure end of runway, 20' left of centerline, 92' AGL/509' MSL. **Rwy 23**, pole 763' from departure end of runway, 182' right of centerline, 44' AGL/453' MSL, multiple trees beginning 812' from departure end of runway, 4' right of centerline, up to 81' AGL/492' MSL. **Rwy 30L**, multiple trees beginning 889' from departure end of runway, 516' right of centerline, up to 114' AGL/521' MSL.

**CANTON, IL**

INGERSOLL (CTK)

ORIG 08213 (FAA)

NOTE: **Rwy 9**, tree 1335' from departure end of runway, 772' right of centerline, 100' AGL/749' MSL. **Rwy 36**, tree 1162' from departure end of runway, 486' right of centerline, 100' AGL/739' MSL.

**CARMI, IL**

CARMI MUNI (CUL)

AMDT 1 83356 (FAA)

DEPARTURE PROCEDURE: **Rwy 36**, climb runway heading to 1000 before turning westbound.

**CASEY, IL**

CASEY MUNI (1H8)

AMDT 3 83258 (FAA)

DEPARTURE PROCEDURE: **Rwys 4, 22, 36**, climb runway heading to 1900 before turning southbound. **Rwy 18**, climb runway heading to 1900 before turning left.

**CENTRALIA, IL**

CENTRALIA MUNI (ENL)

AMDT 1 82133 (FAA)

TAKE-OFF MINIMUMS: **Rwy 18**, 300-1.

**CHAMPAIGN/URBANA, IL**

UNIVERSITY OF ILLINOIS-WILLARD (CMI)

ORIG 09015 (FAA)

DEPARTURE PROCEDURE: **Rwy 4**, climb heading 041° to 1300 before turning left.

NOTE: **Rwy 4**, trees beginning 56' from departure end of runway, 23' left of centerline, up to 63' AGL/808' MSL.

Trees beginning 56' from departure end of runway, 89' right of centerline, up to 98' AGL/843' MSL. **Rwy 14R**, rod on obstruction light 520' from departure end of runway, 383' left of centerline, 17' AGL/760' MSL. Glide slope 541' from departure end of runway, 439' left of centerline, 36' AGL/779' MSL. Rod on obstruction light 543' from departure end of runway, 439' left of centerline, 37' AGL/780' MSL. **Rwy 18**, Terrain beginning 2' from departure end of runway, from left to right of centerline, up to 0' AGL/749' MSL. **Rwy 32L**, terrain 20' from departure end of runway, 152' right of centerline, 0' AGL/752' MSL. Antenna on ASR 1920' from departure end of runway, 331' left of centerline, 82' AGL/831' MSL.

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## CHICAGO, IL

### CHICAGO MIDWAY INTL (MDW) AMDT 10 08101 (FAA)

DEPARTURE PROCEDURE: **Rwys 4L, 4R**, Climbing right turn to 2400 heading 100° before proceeding on course. **Rwys 13C, 13L, 13R**, Climb heading 135° to 1400 before turning. **Rwys 22L, 22R**, Climb heading 224° to 1300 before turning. **Rwys 31C, 31L, 31R**, Climb heading 315° to 1500 before turning.

**NOTE: Rwy 4L**, fence 18' from departure end of runway, 257' left of centerline, 12' AGL/616' MSL. Vehicle plus road 143' from departure end of runway, 163' left of centerline, 16' AGL/620' MSL. Building 251' from departure end of runway, 217' left of centerline, 26' AGL/630' MSL. Sign 1912' from departure end of runway, 330' left of centerline, 88' AGL/692' MSL. Multiple light poles and trees beginning 375' from departure end of runway, 98' right of centerline, up to 75' AGL/679' MSL.

**Rwy 4R**, LOC 300' from departure end of runway, on centerline, 10' AGL/614' MSL. Light pole and multiple trees beginning 40' from departure end of runway, 369' left of centerline, up to 75' AGL/679' MSL. Blast fence 277' from departure end of runway, 45' left of centerline, 9' AGL/613' MSL. Tower 3983' from departure end of runway, 1142' left of centerline, 109' AGL/708' MSL. Multiple light poles and trees beginning 96' from departure end of runway, 21' right of centerline, up to 53' AGL/657' MSL. Train beginning 1483' from departure end of runway, 570' right of centerline, 48' AGL/654' MSL. **Rwy 13C**, LOC 248' from departure end of runway, on centerline, 8' AGL/619' MSL. Building 101' from departure end of runway, 254' left of centerline, 14' AGL/625' MSL. Trees beginning 288' from departure end of runway, 459' left of centerline, up to 76' AGL/680' MSL. Trees beginning 109' from departure end of runway, 402' right of centerline, up to 86' AGL/700' MSL. **Rwy 13L**, multiple poles and trees beginning 362' from departure end of runway, 215' left of centerline, up to 71' AGL/675' MSL. Trees beginning 1136' from departure end of runway, 54' right of centerline, up to 76' AGL/680' MSL. **Rwy 13R**, wind sock 263' from departure end of runway, 256' left of centerline, 9' AGL/621' MSL. Tree 1852' from departure end of runway, 960' left of centerline, 75' AGL/661' MSL. Building 459' from departure end of runway, 594' right of centerline, 50' AGL/660' MSL. Hangar 661' from departure end of runway, 291' right of centerline, 52' AGL/661' MSL. **Rwy 22L**, multiple poles and trees beginning 74' from departure end of runway, 375' left of centerline, up to 70' AGL/689' MSL. Multiple poles and trees beginning 465' from departure end of runway, 49' right of centerline, up to 60' AGL/679' MSL. Tank 4100' from departure end of runway, 161' right of centerline, 109' AGL/728' MSL. **Rwy 22R**, multiple poles and trees beginning 575' from departure end of runway, 168' left of centerline, up to 58' AGL/677' MSL. Tank 4100' from departure end of runway, 161' left of centerline, 109' AGL/728' MSL. Fence 198' from departure end of runway, 3' right of centerline, 12' AGL/630' MSL. Trees beginning 183' from departure end of runway, 65' right of centerline, up to 72' AGL/686' MSL.

### CHICAGO MIDWAY INTL (CON'T)

**Rwy 31C**, LOC 239' from departure end of runway, on centerline, 10' AGL/617' MSL. Trees beginning 452' from departure end of runway, 454' left of centerline, up to 63' AGL/667' MSL. Spire 2207' from departure end of runway, 699' left of centerline, 78' AGL/684' MSL. Multiple poles and trees beginning 142' from departure end of runway, 28' right of centerline, up to 73' AGL/672' MSL. DME 183' from departure end of runway, 309' right of centerline, 17' AGL/624' MSL. Sign 1528' from departure end of runway, 270' right of centerline, 52' AGL/652' MSL. Tank 5576' from departure end of runway, 1430' right of centerline, 162' AGL/756' MSL. **Rwy 31L**, trees beginning 1299' from departure end of runway, 85' left of centerline, up to 53' AGL/662' MSL. Trees beginning 1779' from departure end of runway, 26' right of centerline, up to 68' AGL/667' MSL. **Rwy 31R**, multiple poles and trees beginning 379' from departure end of runway, 49' left of centerline, up to 65' AGL/664' MSL. Pole and trees beginning 70' from departure end of runway, 50' right of centerline, up to 68' AGL/667' MSL.

### CHICAGO-O'HARE INTL (ORD) AMDT 16A 09099 (FAA)

TAKEOFF MINIMUMS: **Rwy 27L**, std. w/min. climb of 214' per NM to 1700, or 300-1¼ with min. climb of 203' per NM to 1700, or alternatively, with standard takeoff minimums and a normal 200'/NM climb gradient, takeoff must occur no later than 1500' prior to departure end of runway. **Rwy 27R**, std. w/min. climb of 228' per NM to 1800. **Rwy 28S**, std. w/min. climb of 222' per NM to 1700. **Rwy 32L**, std. w/min. climb of 231' per NM to 1800. **NOTE: Rwy 4L**, multiple buildings beginning 3325' from DER, 1198' right of centerline, up to 101' AGL/750' MSL. **Rwy 4R**, multiple trees beginning 793' from DER, 568' right of centerline, up to 77' AGL/716' MSL. Multiple trees beginning 2266' from DER, 756' left of centerline, up to 84' AGL/723' MSL. Parked aircraft on ramp 153' from DER, 329' left of centerline, 80' AGL/735' MSL. **Rwy 9L**, building 2771' from DER, 1194' right of centerline, 94' AGL/745' MSL. **Rwy 9R**, street light 877' from DER, 686' right of centerline, 40' AGL/684' MSL. **Rwy 10**, multiple towers beginning 2522' from DER, 983' right of centerline, up to 127' AGL/771' MSL. Parked aircraft on ramp 33' from DER, 440' left of centerline, 80' AGL/735' MSL. **Rwy 14L**, multiple lights beginning 982' from DER, 745' left of centerline, up to 40' AGL/684' MSL. Parked aircraft on ramp and sign beginning 100' from DER, 363' right of centerline, up to 80' AGL/729' MSL. **Rwy 14R**, parked aircraft on ramp 1104' from DER, 766' right of centerline, 80' AGL/730' MSL. **Rwy 22L**, tree 972' from DER, 354' left of centerline, 31' AGL/690' MSL. **Rwy 22R**, parked aircraft on ramp 34' from DER, 430' left of centerline, 80' AGL/736' MSL. **Rwy 27L**, multiple poles, towers, and aircraft on ramp beginning 70' from DER, 408' left of centerline, 147' AGL/812' MSL. **Rwy 27R**, elevator 2778' from DER, 1021' left of centerline, 111' AGL/776' MSL. Tank 1489' from DER, 892' left of centerline, 55' AGL/723' MSL. **Rwy 32L**, flagpole 2036' from DER, 791' left of centerline, 58' AGL/732' MSL. **Rwy 32R**, multiple trees beginning 1438' from DER, 851' right of centerline, up to 71' AGL/715' MSL.

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## CHICAGO, IL (CON'T)

LANSING MUNI (IGQ)

AMDT 5 09183 (FAA)

TAKE-OFF MINIMUMS: **Rwy 36**, 300-1½ or std. w/ min. climb of 322' per NM to 900.

DEPARTURE PROCEDURE: **Rwy 36**, climb heading 002° to 1200 before proceeding on course.

NOTE: **Rwy 9**, poles beginning 1203' from DER, from left to right of centerline, up to 32' AGL/647' MSL. Building 1882' from DER, 964' left of centerline, 50' AGL/668' MSL. Tower 4314' from DER, 664' left of centerline, 149' AGL/764' MSL. **Rwy 18**, trees beginning 381' from DER, 440' right of centerline, up to 42' AGL/661' MSL. **Rwy 27**, hangar and building beginning 254' from DER, 69' right of centerline, up to 26' AGL/641' MSL. Trees, antennas, antennas on buildings, signs, light poles, and road with vehicles beginning 326' from DER, from left to right of centerline, up to 68' AGL/683' MSL. Tank 575' from DER, 65' left of centerline, 16' AGL/630' MSL. **Rwy 36**, pole 5546' from DER, 1932' right of centerline, 164' AGL/777' MSL.

## CHICAGO/AURORA, IL

AURORA MUNI (ARR)

AMDT 1 07298 (FAA)

NOTE: **Rwy 9**, vehicle on road 794' from departure end of runway, right and left of centerline, 15' AGL/734' MSL. Multiple trees beginning 4126' from departure end of runway, on centerline, 100' AGL/819' MSL. **Rwy 15**, multiple trees, power poles and road beginning 900' from departure end of runway, 47' right of centerline, up to 100' AGL/809' MSL. Power pole 1313' from departure end of runway, 47' left of centerline, 34' AGL/733' MSL. **Rwy 18**, multiple power poles beginning 1218' from departure end of runway, 190' right of centerline, up to 35' AGL/734' MSL. Multiple trees beginning 3646' from departure end of runway, on centerline up to 100' AGL/809' MSL. **Rwy 27**, vehicle on road 1020' from departure end of runway, right and left of centerline, 15' AGL/734' MSL. **Rwy 33**, multiple trees and road beginning 788' from departure end of runway, 238' right of centerline, up to 79' AGL/788' MSL. Road and power pole beginning 577' from departure end of runway, 137' left of centerline, up to 38' AGL/747' MSL. **Rwy 36**, tree, pole and fence beginning 31' from departure end of runway, 169' left of centerline, up to 35' AGL/734' MSL. Vehicle on road beginning 1099' from departure end of runway, right and left of centerline, 15' AGL/734' MSL.

## CHICAGO/PROSPECT HEIGHTS/WHEELING, IL

CHICAGO EXECUTIVE (PWK)

AMDT 2 04330 (FAA)

TAKE-OFF MINIMUMS: **Rwy 24**, 300-1 or std. with min. climb of 286' per NM to 900.

NOTE: **Rwy 6**, tree 226' from departure end of runway, 226' right of centerline, 51' AGL/691' MSL. **Rwy 12**, antenna 4287' from departure end of runway, 1191' right of centerline, 129' AGL/769' MSL. **Rwy 16**, tree 1572' from departure end of runway, 423' left of centerline, 62' AGL/702' MSL. Obstruction light, 393' from departure end of runway, 383' right of centerline, 14' AGL/658' MSL. **Rwy 24**, tower 2955' from departure end of runway, 990' left of centerline, 133' AGL/783' MSL. **Rwy 30**, antenna 5171' from departure end of runway, 758' right of centerline, 152' AGL/802' MSL. Tower 4865' from departure end of runway 1002' right of centerline, 131' AGL/778' MSL. **Rwy 34**, tree 479' from departure end of runway, 465' left of centerline, 79' AGL/723' MSL.

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# TAKE-OFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

## CHICAGO/ROMEOVILLE, IL

LEWIS UNIVERSITY (LOT)

ORIG 07242 (FAA)

TAKE-OFF MINIMUMS: **Rwy 2**, 300-1½ or std. w/ min. climb of 330' per NM to 1100.

DEPARTURE PROCEDURE: **Rwy 2**, climb heading 016° to 1100 before turning right.

NOTE: **Rwy 2**, multiple towers beginning 1.1 NM from departure end of runway, 361' left of centerline, up to 210' AGL/875' MSL. **Rwy 9**, multiple trees beginning 857' from departure end of runway, 359' left of centerline, up to 66' AGL/735' MSL. Building 244' from departure end of runway, 379' left of centerline, 10' AGL/679' MSL. Multiple trees and pole beginning 278' from departure end of runway, 174' right of centerline, up to 62' AGL/721' MSL. Sign 113' from departure end of runway, 355' right of centerline, 4' AGL/668' MSL. **Rwy 27**, multiple trees beginning 1144' from departure end of runway, 635' right of centerline, up to 54' AGL/723' MSL.

## CHICAGO/WAUKEGAN, IL

WAUKEGAN RGNL (UGN)

ORIG 91122 (FAA)

TAKE-OFF MINIMUMS: **Rwy 14**, 300-1.

## CHICAGO/WEST CHICAGO, IL

DU PAGE (DPA)

ORIG 07354 (FAA)

NOTE: **Rwy 2L**, tree 2249' from departure end of runway, 1065' left of centerline, 15' AGL/831' MSL. **Rwy 2R**, tower 4561' from departure end of runway, 1540' right of centerline, 140' AGL/899' MSL. **Rwy 10**, building 631' from departure end of runway, 611' left of centerline, 15' AGL/777' MSL, tree 872' from departure end of runway, 336' left of centerline, 15' AGL/815' MSL, tree 1437' from departure end of runway, 367' left of centerline, 15' AGL/827' MSL, stack 1639' from departure end of runway, 184' left of centerline, 50' AGL/810' MSL. **Rwy 15**, road 267' from departure end of runway, 130' left of centerline, 15' AGL/815' MSL, road 467' from departure end of runway, 8' left of centerline, 15' AGL/815' MSL. Signal pole 804' from departure end of runway, 235' right of centerline, 15' AGL/800' MSL, trees beginning 1075' from departure end of runway, 133' right of centerline, 15' AGL/832' MSL. **Rwy 33**, multiple trees starting 332' from departure end of runway, 356' left and right of centerline, 15' AGL/836' MSL, obstruction light on pole 887' from departure end of runway, 149' left of centerline, 10' AGL/796' MSL, obstruction light on pole 927' from departure end of runway, 120' right of centerline, 10' AGL/793' MSL.

## CLINTONVILLE, WI

CLINTONVILLE MUNI (CLI)

AMDT 1 07074 (FAA)

TAKE-OFF MINIMUMS: **Rwys 9, 27**, NA-environmental. NOTE: **Rwy 4**, trees beginning 382' from departure end of runway, 485' right of centerline, up to 100' AGL/914' MSL, elevator 1199' from departure end of runway, 300' right of centerline, up to 100' AGL/930' MSL. **Rwy 14**, trees beginning 379' from departure end of runway, 424' right of centerline, up to 100' AGL/909' MSL. **Rwy 22**, trees beginning 729' from departure end of runway, 471' right of centerline, up to 100' AGL/929' MSL. **Rwy 37**, trees beginning 1215' from departure end of runway, 426' left of centerline, up to 100' AGL/934' MSL.

# TAKE-OFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

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## DANVILLE, IL

VERMILION RGNL (DNV)  
ORIG 09183 (FAA)

NOTE: **Rwy 3**, tree 2298' from departure end of runway, 725' right of centerline, 50' AGL/761' MSL. **Rwy 16**, tree 4101' from departure end of runway, 378' left of centerline, 50' AGL/789' MSL. **Rwy 21**, tree 1982' from departure end of runway, 802' left of centerline, 50' AGL/728' MSL. **Rwy 34**, tree 3460' from departure end of runway, 2' right of centerline, 50' AGL/812' MSL.

## DE KALB, IL

DE KALB TAYLOR MUNI (DKB)  
AMDT 4 99140 (FAA)

TAKE-OFF MINIMUMS: **Rwy 27**, 300-1.  
DEPARTURE PROCEDURE: **Rwy 9**, climb runway heading to 1400 before proceeding on course.

## DECATUR, IL

DECATUR (DEC)  
AMDT 2 84131 (FAA)

DEPARTURE PROCEDURE: Northbound departures: **Rwys 6, 12, 24**, climb runway heading to 1600 before turning north. **Rwy 18**, climb runway heading to 1200 before turning north. **Rwy 30**, right turn, climb to 3000 via DECR-340 before proceeding north. **Rwy 36**, left turn, climb to 3000 via DECR-340 before proceeding north.

## DELAVAN, WI

LAKE LAWN (C59)  
AMDT 1 03247 (FAA)

NOTE: **Rwy 18**, trees 150' from departure end of runway, 200' right of centerline, 56' AGL/1023' MSL. Trees 300' from departure end of runway, 200' right of centerline, 50' AGL/1017' MSL. **Rwy 36**, trees 90' from departure end of runway, 175' left of centerline, 66' AGL/1045' MSL. Poles 251' from departure end of runway, 86' right of centerline, 66' AGL/1045' MSL. Pole 90' from departure end of runway, 240' right of centerline, 60' AGL/1039' MSL. Pole 85' from departure end of runway, 170' left of centerline, 60' AGL/1039' MSL.

## DIXON, IL

DIXON MUNI - CHARLES R WALGREEN  
FIELD (C73)  
AMDT 2 09155 (FAA)

TAKE-OFF MINIMUMS: **Rwy 12**, 600-1½ or std. w/ min. climb of 410' per NM to 1400.  
DEPARTURE PROCEDURE: **Rwy 12**, climb heading 123° to 1300 before turning right.

NOTE: **Rwy 12**, T-L towers beginning 1.20 NM from DER, left and right of centerline, up to 180' AGL/1139' MSL. **Rwy 8**, vehicle on road 336' from DER, 184' right of centerline, 15' AGL/812' MSL. Road 359' from DER on centerline, 796' MSL. **Rwy 26**, trees beginning 386' from DER, 182' right and left of centerline, up to 52' AGL/833' MSL. Multiple roof tops and poles beginning 164' from DER, 360' right of centerline, up to 25' AGL/806' MSL. Stack and railroad tracks beginning 570' from DER, 304' right of centerline, up to 60' AGL/843' MSL.

## EAGLE RIVER, WI

EAGLE RIVER UNION (EGV)  
ORIG 06271 (FAA)

NOTE: **Rwy 4**, road 240' from departure end of runway, 559' right of centerline, 15' AGL/1654' MSL. Terrain 51' from departure end of runway, 288' right of centerline, 0' AGL/1639' MSL. **Rwy 13**, road 268' from departure end of runway, 572' left of centerline, 15' AGL/1654' MSL. **Rwy 22**, road 246' from departure end of runway, 566' right of centerline, 15' AGL/1654' MSL. Multiple trees 476' from departure end of runway, 430' right of centerline, 83' AGL/1722' MSL. Multiple trees 761' from departure end of runway, 147' left of centerline, 96' AGL/1735' MSL.

## EAU CLAIRE, WI

CHIPPEWA VALLEY RGNL (EAU)  
AMDT 2 08157 (FAA)

TAKE-OFF MINIMUMS: **Rwy 14**, 500-2¾ or std. w/ min. climb of 295' per NM to 1500. **Rwy 22**, 200-1½ or std. w/ min. climb of 270' per NM to 1200.  
DEPARTURE PROCEDURE: **Rwy 14**, climb heading 138° to 2000 before proceeding on course. **Rwy 22**, climb heading 224° to 1700 before proceeding on course. **Rwy 32**, climb heading 304° to 1700 before proceeding on course.

NOTE: **Rwy 4**, terrain 25' from departure end of runway, 98' left of centerline, 0' AGL/942' MSL. **Rwy 14**, trees beginning 336' from departure end of runway, 73' right of centerline, up to 62' AGL/1110' MSL. Trees beginning 999' from departure end of runway, 29' left of centerline up to 60' AGL/1159' MSL. Radio tower 2.2 NM from departure end of runway, 18' left of centerline, 455' AGL/1349' MSL. **Rwy 22**, vehicle on road and obstruction light on pole beginning 116' from departure end of runway, 426' right of centerline, up to 17' AGL/892' MSL. Trees 639' from departure end of runway, 509' left of centerline, 30' AGL/909' MSL. **Rwy 32**, trees beginning 184' from departure end of runway, 502' left of centerline, up to 67' AGL/1069' MSL. Trees beginning 562' from departure end of runway, 224' right of centerline, up to 74' AGL/933' MSL.

## EFFINGHAM, IL

EFFINGHAM COUNTY MEMORIAL (1H2)  
AMDT 4 98001 (FAA)

TAKE-OFF MINIMUMS: **Rwy 1**, 600-1.  
DEPARTURE PROCEDURE: **Rwy 29**, climb runway heading to 2100 before proceeding on course.

## FAIRFIELD, IL

FAIRFIELD MUNI (FWC)  
AMDT 2 99308 (FAA)

TAKE-OFF MINIMUMS: **Rwy 9**, 400-1 or std. with a min. climb of 310' per NM to 800. **Rwy 27**, 300-1 or std. with a min. climb of 320' per NM to 600.

## FLORA, IL

FLORA MUNI (FOA)  
AMDT 1 84047 (FAA)

DEPARTURE PROCEDURE: **Rwys 3, 33**, climb runway heading to 1100 before turning left. **Rwy 21**, climb runway heading to 1100 before turning right.

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**FOND DU LAC, WI**

FOND DU LAC COUNTY (FLD)

AMDT 1 84327 (FAA)

DEPARTURE PROCEDURE: **Rwy 9**, climb runway heading to 2000 before turning north. **Rwy 36**, climb runway heading to 2000 before turning east.

**FREEPORT, IL**

ALBERTUS (FEP)

ORIG 07130 (FAA)

TAKE-OFF MINIMUMS: **Rwys 13, 18, 31, 36**, NA-Environmental.

NOTE: **Rwy 24**, multiple trees beginning 446' from departure end of runway, 450' right of centerline, up to 67' AGL/903' MSL.

**FRIENDSHIP (ADAMS), WI**

ADAMS CO. LEGION FIELD (63C)

AMDT 1 02164 (FAA)

TAKE-OFF MINIMUMS: **Rwys 8, 26**, NA - unsurveyed turf runways. **Rwy 33**, 500-2 or std. with a min. climb of 400' per NM to 1600.

NOTE: **Rwy 15**, powerline 1210' from departure end of runway, 130' left of centerline, 60' AGL/1090' MSL.

**Rwy 33**, trees 200' from departure end of runway, 200' left of centerline, 57' AGL/1032' MSL. Trees 1.43 NM from departure end of runway, 2653' left of centerline, 100' AGL/1399' MSL. Watch tower 1.69 NM from departure end of runway, 2271' left of centerline, 150' AGL/1400' MSL.

**GRANTSBURG, WI**

GRANTSBURG MUNI (GTG)

ORIG 94230 (FAA)

TAKE-OFF MINIMUMS: **Rwy 23**, 300-1.

**GRAYSLAKE, IL**

CAMPBELL (C81)

AMDT 1 82063 (FAA)

TAKE-OFF MINIMUMS: **Rwy 24**, 300-1.

DEPARTURE PROCEDURE: **Rwy 9**, climb runway heading to 1200 before turning.

**GREENBAY, WI**

AUSTIN STRAUBEL INTL (GRB)

AMDT 2 07354 (FAA)

DEPARTURE PROCEDURE: **Rwy 6**, climb heading 062° to 1300 before turning right. **Rwy 18**, climb heading 182° to 1600 before turning left.

NOTE: **Rwy 18**, tree 3022' from departure end of runway, 680' left of centerline, 100' AGL/779' MSL.

**Rwy 24**, trees beginning 1556' from departure end of runway, 893' left of centerline, up to 100' AGL/779' MSL. Pole 1114' from departure end of runway, 665' left of centerline, 38' AGL/722' MSL.

**HARRISBURG, IL**

HARRISBURG-RALEIGH (HSB)

ORIG 08101 (FAA)

NOTE: **Rwy 6**, Trees and a PVC pipe, beginning 62' from departure end of runway, 230' left of centerline, up to 100' AGL/519' MSL. Trees 895' from departure end of runway 523' right of centerline, 61' AGL/454' MSL.

**Rwy 24**, Trees beginning 252' from departure end of runway, 420' right of centerline, up to 100' AGL/479' MSL. **Rwy 32**, Trees beginning 4182' from Departure end of runway, 615' left of centerline, up to 100' AGL/499' MSL. Trees beginning 1744' from departure end of runway, 299' right of centerline, up to 100' AGL/509' MSL.

**HAYWARD, WI**

SAWYER COUNTY (HYR)

AMDT 4 99308

TAKE-OFF MINIMUMS: **Rwy 16**, 300-1 or std. with a min. climb of 300' per NM to 1300. **Rwy 20**, 300-1 or std. with a min. climb of 270' per NM to 1300. **Rwy 34**, 300-1 or std. with a min. climb of 250' per NM to 1300. DEPARTURE PROCEDURE: **Rwy 16**, climb runway heading to 1900 before turning eastbound.

**JANESVILLE, WI**

SOUTHERN WISCONSIN RGNL (JVL)

ORIG 08101 (FAA)

TAKE-OFF MINIMUMS: **Rwy 36**, 300-2¼ or std. w/ a min. climb of 203' per NM to 1200, or alternatively, with standard takeoff minimums and a normal 200'/NM climb gradient, takeoff must occur no later than 1200' prior to departure end of runway.

NOTE: **Rwy 4**, Road 342' from departure end of runway, 520' right of centerline, 17' AGL/846' MSL. Trees beginning 624' from departure end of runway, 366' left of centerline, up to 60' AGL/889' MSL. Light on pole 1290' from departure end of runway, 595' left of centerline, 21' AGL/840' MSL. Antenna 804' from departure end of runway, 190' left of centerline, 16' AGL/825' MSL. **Rwy 32**, Tree 1524' from departure end of runway 857' left of centerline, 100' AGL/869' MSL. **Rwy 36**, tree 1427' from departure end of runway, 108' left of centerline, 42' AGL/851' MSL. Road 385' from departure end of runway, 20' left of centerline, 15' AGL/824' MSL. Tower 1.92 NM from departure end of runway, 1427' left of centerline, 258' AGL/1101' MSL.

**JOLIET, IL**

JOLIET RGNL

TAKE-OFF MINIMUMS: **Rwy 12**, 500-1. **Rwy 22**, 300-1. DEPARTURE PROCEDURE: **Rwy 4**, climb to 1000 before turning right. **Rwy 30**, climb to 1000 before turning left. **Rwy 22**, when ceiling is below 500, climb to 1100 before turning left.

**JUNEAU, WI**

DODGE COUNTY (UNU)

ORIG 94286 (FAA)

TAKE-OFF MINIMUMS: **Rwy 20**, 300-1.

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**KANKAKEE, IL****GREATER KANKAKEE (IKK)**

ORIG 07074 (FAA)

NOTE: **Rwy 4**, vehicle on road 532' from departure end of runway, 546' left of centerline, 15' AGL/652' MSL. **Rwy 16**, vehicle on road 729' from departure end of runway, 181' right of centerline, 15' AGL/645' MSL. **Rwy 22**, vehicle on road 1069' from departure end of runway, 622' left of centerline, 15' AGL/653' MSL. **Rwy 34**, vehicle on road 831' from departure end of runway, 189' left of centerline, 15' AGL/650' MSL. Tree 623' from departure end of runway, 203' right of centerline, 25' AGL/650' MSL. Tree 164' from departure end of runway, 541' right of centerline, 60' AGL/630' MSL. Tree 505' from departure end of runway, 122' left of centerline, 65' AGL/635' MSL.

**KENOSHA, WI****KENOSHA RGNL (ENW)**

ORIG 09239 (FAA)

NOTE: **Rwy 7R**, multiple light poles beginning 560' from DER, 342' right of centerline, up to 26' AGL/729' MSL. Multiple trees and pole beginning 569' from DER, 248' left of centerline, up to 54' AGL/760' MSL. **Rwy 7L**, multiple trees beginning 156' from DER, 324' left of centerline up to 52' AGL/761' MSL. **Rwy 25L**, multiple trees and hangars beginning 10' from DER, 209' right' of centerline up to 11' AGL/760' MSL. Tree 22' from DER, 378' left of centerline 24' AGL/763' MSL. Fence, 200' from DER, 456' left of centerline, 8' AGL, 737' MSL. Vehicle on road 889' from DER, 187' left of centerline, 14' AGL/753' MSL. **Rwy 33**, multiple trees beginning 808' from DER, 39' right of centerline up to 81' AGL/811' MSL. Multiple trees beginning 1171' from DER, 78' left of centerline, up to 84' AGL/810' MSL. **Rwy 25R**, trees 2800' from DER, 603' left to right of centerline, 100' AGL/819' MSL.

**KEWANEE, IL****KEWANEE MUNI (EZI)**

ORIG 09015 (FAA)

NOTE: **Rwy 27**, tree 2212' from departure end of runway, 972' left of centerline, 100' AGL/933' MSL.

**LA CROSSE, WI****LA CROSSE MUNI (LSE)**

AMDT 5 08269 (FAA)

TAKE-OFF MINIMUMS: **Rwy 3**, std. w/ min climb of 460' per NM to 1600, or 1400-2½ for climb in visual conditions. **Rwy 13**, std. w/ min. climb of 420' per NM to 2000, or 1400-2½ for climb in visual conditions. **Rwy 18**, std. w/ min. climb of 290' per NM to 1800, or 1400-2½ for climb in visual conditions. **Rwy 21**, std. w/ min climb of 430' per NM to 2000, or 1400-2½ for climb in visual conditions. **Rwy 31**, std. w/ min. climb of 300' per NM to 2500, or 1400-2½ for climb in visual conditions. **Rwy 36**, std. w/ min. climb of 325' per NM to 1800, or 1400-2½ for climb in visual conditions.

DEPARTURE PROCEDURE: **Rwys 3, 13, 18, 21, 31, 36**, for climb in visual conditions cross La Crosse Muni airport at or above 1900 MSL before proceeding on course.

NOTE: **Rwy 3**, trees 964' from DER, 333' right of centerline, 80' AGL/730' MSL. Multiple trees beginning 499' from DER, 222' left of centerline, 56' AGL/706' MSL. Multiple trees beginning 4327' from DER, 263' right of centerline, up to 89' AGL/809' MSL. Pole 4371' from DER, 203' left of centerline, 84' AGL/784' MSL. Multiple trees 1.89 NM from DER, 2726' right of centerline, 100' AGL/1339' MSL. **Rwy 13**, trees 423' from DER, 446' left of centerline, 46' AGL/696' MSL. Trees 2666' from DER, 503' left of centerline, 97' AGL/747' MSL. **Rwy 18**, vehicle and road 685' from DER, 589' left of centerline, 15' AGL/694' MSL. Multiple trees beginning 1809' from DER, 10' left of centerline, up to 63' AGL/723' MSL. Multiple trees beginning 1630' from DER, 23' right of centerline, up to 67' AGL/727' MSL. **Rwy 21**, multiple trees beginning 1521' from DER, 586' left of centerline, up to 75' AGL/735' MSL. Light poles 1406' from DER, 174' right of centerline 35' AGL/695' MSL. Trees 2706' from DER, 285' right of centerline, 67' AGL/727' MSL. **Rwy 31**, multiple trees beginning 1992' from DER, 289' left of centerline, up to 80' AGL/730' MSL. Multiple trees beginning 2499' from DER, 92' right of centerline, up to 139' AGL/789' MSL.

**LA POINTE, WI****MADELINE ISLAND (4R5)**

ORIG 08157 (FAA)

TAKE-OFF MINIMUMS: **Rwy 22**, 300-2 or std. w/ min. climb of 213' per NM to 1200.

DEPARTURE PROCEDURE: **Rwy 22**, Climb heading 220° to 1200 before proceeding on course.

NOTE: **Rwy 4**, trees beginning 69' from departure end of runway, 5' left of centerline, up to 100' AGL/759' MSL. Trees beginning 340' from departure end of runway, 52' right of centerline, up to 100' AGL/759' MSL. **Rwy 22**, trees beginning 1867' from departure end of runway, 187' left of centerline, up to 100' AGL/710' MSL. Trees beginning 167' from departure end of runway, 23' right of centerline, up to 100' AGL/729' MSL.

**LACON, IL****MARSHALL COUNTY (C75)**

AMDT 2 89236 (FAA)

TAKE-OFF MINIMUMS: **Rwys 13, 18, 36**, 300-1.

DEPARTURE PROCEDURE: **Rwy 31**, climb runway heading to 1800 before turning.

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## LADYSMITH, WI

RUSK COUNTY (RCX)

ORIG 01193 (FAA)

TAKE-OFF MINIMUMS: **Rwy 19**, 300-1 or std. with a min. climb of 430' per NM to 1500.

## LAKE GENEVA, WI

GRAND GENEVA RESORT (C02)

ORIG 03079 (FAA)

DEPARTURE PROCEDURE: **Rwy 23**, climb runway heading to 1500 before turning westbound.

## LAND O'LAKES, WI

KINGS LAND O'LAKES (LNL)

AMDT 4 05132 (FAA)

TAKE-OFF MINIMUMS: **Rwys 5, 23**, NA-obstacles.

NOTE: **Rwy 14**, road and vehicle 195' from departure end of runway, 245' left of centerline, 33' AGL/1737' MSL. **Rwy 32**, trees 50' from departure end of runway, 296' right of centerline, up to 100' AGL/1820' MSL. Trees 820' from departure end of runway, 220' right of centerline, 66' AGL/1770' MSL. Multiple trees beginning 480' from departure end of runway, 200' left of centerline, 60' AGL/1764' MSL. Tank 1144' from departure end of runway, 615' right of centerline, 125' AGL/1833' MSL.

## LINCOLN, IL

LOGAN COUNTY (AAA)

AMDT 1 05300 (FAA)

TAKE-OFF MINIMUMS: **Rwy 21**, 300-½ or std. with a min. climb of 341' per NM to 800.

NOTE: **Rwy 21**, spire 2193' from departure end of runway, 208' left of centerline, 96' AGL/686' MSL.

## LITCHFIELD, IL

LITCHFIELD MUNI (3LF)

AMDT 3 05300 (FAA)

NOTE: **Rwy 9**, tower 1058' left of departure end of runway, 132' AGL/822' MSL.

## LONEROCK, WI

TRI COUNTY RGNL (LNR)

AMDT 4 08185 (FAA)

TAKE-OFF MINIMUMS: **Rwys 9, 27**, 600-1¼, or 1000-2½ for climb in visual conditions. **Rwys 18, 36**, NA-Environmental.

DEPARTURE PROCEDURE: **Rwys 9, 27**, for climb in visual conditions: cross Tri-County Rgnl Airport at or above 1600 before proceeding on course.

NOTE: **Rwy 9**, terrain and trees beginning 23' from departure end of runway, 238' left of centerline, up to 100' AGL/1129' MSL. Road beginning 244' from departure end of runway, 330' left of centerline, up to 17' AGL/733' MSL. Terrain and trees beginning 18' from departure end of runway, 235' right of centerline, up to 100' AGL/722' MSL. **Rwy 27**, building 764' from departure end of runway, 386' left of centerline, up to 25' AGL/744' MSL. Tree 1381' from departure end of runway, 590' left of centerline, up to 70' AGL/785' MSL. Road beginning 245' from departure end of runway, on centerline, up to 12' AGL/731' MSL. Antennas and poles beginning 920' from departure end of runway, 372' right of centerline, up to 33' AGL/752' MSL. Trees and terrain beginning 2 NM from departure end of runway, 2658' right of centerline, up to 100' AGL/1199' MSL.

## MACOMB, IL

MACOMB MUNI (MQB)

AMDT 1 89236 (FAA)

DEPARTURE PROCEDURE: **Rwy 18**, climb runway heading to 1700 before turning right. **Rwy 27**, climb runway heading to 1700 before turning left.

## MADISON, WI

BLACKHAWK AIRFIELD (87Y)

ORIG 97338 (FAA)

TAKE-OFF MINIMUMS: **Rwy 27**, 300-2 or std. with a min. climb of 220' per NM to 1300.

## DANE COUNTY RGNL-TRUAX FIELD (MSN)

AMDT 7 03219 (FAA)

DEPARTURE PROCEDURE: **Rwy 18**, (Southwest departures 200° CW 260°) climb via heading 182° to 3200 before proceeding on course. **Rwy 21**, (Southwest departures 200° CW 260°) climb via heading 209° to 3200 before proceeding on course.

NOTE: **Rwy 36**, tree 2700' from departure end of runway, 1097' right of centerline, 100' AGL/987' MSL.

## MANITO, IL

MANITO MITCHELL (C45)

AMDT 2 82105 (FAA)

TAKE-OFF MINIMUMS: **Rwys 4, 36**, 300-1.

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## MANITOWOC, WI

MANITOWOC COUNTY (MTW)  
AMDT 4 09071 (FAA)

TAKE-OFF MINIMUMS: **Rwy 17**, 300-1½ or std. with a min. climb of 254' per NM to 1000.

DEPARTURE PROCEDURE: **Rwy 7**, climb heading 072° to 1200 before proceeding on course. **Rwy 25**, climb heading 252° to 1200 before proceeding on course.

NOTE: **Rwy 7**, tree 520' from DER, 279' left of centerline, 27' AGL/666' MSL. **Rwy 17**, stack 1.24 NM from DER, 1915' left of centerline, 310' AGL/893' MSL. Trees beginning 23' from DER, 16' left of centerline, up to 94' AGL/743' MSL. Trees beginning 1802' from DER, 76' right of centerline, up to 98' AGL/747' MSL. Flagpole 1234' from DER, 512' right of centerline, 36' AGL/695' MSL. Antenna 989' from DER, 511' right of centerline, 39' AGL/688' MSL. **Rwy 25**, tree 734' from DER, 321' right of centerline, 48' AGL/697' MSL. Tree 1870' from DER, 223' left of centerline, 63' AGL/722' MSL. Train and railroad, 744' from DER, on centerline, 23' AGL/676' MSL. **Rwy 35**, trees beginning 167' from DER, 477' right of centerline, up to 66' AGL/710' MSL. Tree 2012' from DER, 863' left of centerline, 67' AGL/716' MSL.

## MARION, IL

WILLIAMSON COUNTY RGNL (MWA)  
ORIG 05132 (FAA)

TAKE-OFF MINIMUMS: **Rwy 11**, 600-3 or std. with a min. climb of 222' per NM to 1200.

DEPARTURE PROCEDURE: **Rwy 11**, Climb via heading 107° to 1100 before turning left.

NOTE: **Rwy 2**, multiple trees beginning 291' from departure end of runway, 265' left of centerline, up to 106' AGL/543' MSL. **Rwy 11**, multiple poles beginning 802' from departure end of runway, 496' right of centerline, up to 75' AGL/518' MSL. Tree 1427' from departure end of runway, 594' right of centerline, 81' AGL/528' MSL. Tank 5216' from departure end of runway, 800' right of centerline, 164' AGL/601' MSL. Tower 3.16 NM from departure end of runway, 1.32 NM left of centerline, 490' AGL/980' MSL. **Rwy 20**, multiple trees beginning 1744' from departure end of runway, 823' right of centerline, up to 68' AGL/521' MSL. **Rwy 29**, wind sock 341' from departure end of runway, 291' left of centerline, 11' AGL/461' MSL. Multiple trees beginning 559' from departure end of runway, 360' right of centerline, up to 77' AGL/534' MSL. Theater screen 1488' from departure end of runway, 1346' right of centerline, 77' AGL/530' MSL.

## MARSHFIELD, WI

MARSHFIELD MUNI (MFI)  
ORIG 06271 (FAA)

NOTE: **Rwy 34**, multiple trees beginning 1412' from departure end of runway, 532' left of centerline, up to 60' AGL/1359' MSL.

## MATTOON-CHARLESTON, IL

COLES COUNTY MEMORIAL (MTO)  
AMDT 3 86128 (FAA)

DEPARTURE PROCEDURE: **Rwy 6**, climb runway heading to 1100' before turning.

## MEDFORD, WI

TAYLOR COUNTY (MDZ)  
AMDT 2 09071 (FAA)

NOTE: **Rwy 9**, trees beginning 1123' from DER, 561' left of centerline, up to 61' AGL/1540' MSL. Tree 2555' from DER, 592' right of centerline, 75' AGL/1544' MSL. **Rwy 16**, trees beginning 7' from DER, 248' left of centerline, up to 75' AGL/1524' MSL. Vehicle plus road beginning 33' from DER, 8' left of centerline, up to 15' AGL/1466' MSL. Vehicle plus road beginning 27' from DER, 93' right of centerline, up to 15' AGL/1462' MSL. **Rwy 27**, tower 2839' from DER, 1111' left of centerline, 150' AGL/1580' MSL. Trees beginning 1040' from DER, 49' left of centerline, up to 75' AGL/1526' MSL. Silo 1593' from DER, 789' right of centerline, 30' AGL/1499' MSL. Trees beginning 2008' from DER, 147' right of centerline, up to 68' AGL/1527' MSL. **Rwy 34**, terrain, trees and poles beginning 37' from DER, 187' right of centerline, up to 41' AGL/1510' MSL. Vehicle plus road beginning 490' from DER, 485' right of centerline, up to 15' AGL/1476' MSL.

## MENOMONIE, WI

MENOMONIE MUNI-SCORE FIELD (LUM)  
ORIG 96284 (FAA)

TAKE-OFF MINIMUMS: **Rwys 9,18,27,36**, 300-1.

## MERRILL, WI

MERRILL MUNI (RRL)  
ORIG 07242 (FAA)

NOTE: **Rwy 7**, bush 55' from departure end of runway, 468' left of centerline, 5' AGL/1311' MSL. Pole 392' from departure end of runway, 512' right of centerline, 23' AGL/1329' MSL. Building 358' from departure end of runway, 451' right of centerline, 21' AGL/1327' MSL. Multiple trees beginning 905' from departure end of runway, from 727' right to 552' left of centerline, up to 91' AGL/1400' MSL. Multiple trees beginning 2597' from departure end of runway, from 22' right to 86' left of centerline, up to 82' AGL/1401' MSL. **Rwy 16**, multiple trees beginning 1587' from departure end of runway, on centerline, up to 100' AGL/1439' MSL. **Rwy 25**, bush 132' from departure end of runway, 494' right of centerline, 13' AGL/1331' MSL. Pole 1240' from departure end of runway, 778' left of centerline, 37' AGL/1356' MSL. Multiple trees beginning 1085' from departure end of runway, from 554' right to 359' left of centerline, up to 69' AGL/1388' MSL. **Rwy 34**, multiple trees beginning 49' from departure end of runway, from 33' right to 139' left of centerline, up to 100' AGL/1439' MSL.

## MIDDLETON, WI

MIDDLETON MUNI-MOREY FIELD (C29)  
AMDT 1 05356 (FAA)

TAKE-OFF MINIMUMS: **Rwy 28**, 300-1 or std. with a min. climb of 468' per NM to 1300. **Rwys 1, 19, NA**-turf. DEPARTURE PROCEDURE: **Rwy 10**, climb via heading 101° to 2600 before proceeding on course. **Rwy 28**, climb via heading 281° to 2600 before proceeding on course. NOTE: **Rwy 28**, multiple trees beginning 2067' from departure end of runway, 583' left of centerline, up to 60' AGL/1032' MSL.

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## MILWAUKEE, WI

### GENERAL MITCHELL INTL (MKE)

AMDT 6 09183 (FAA)

TAKE-OFF MINIMUMS: **Rwy 7R**, 300-1½ or std. with a min. climb of 300' per NM to 1100. **Rwy 31**, 300-1½ or std. w/ a min. climb of 257' per NM to 1000.

NOTE: **Rwy 1R**, antenna, 581' from DER, 600' left of centerline, 46' AGL/719' MSL. Trees beginning 3210' from DER, 462' right of centerline, up to 100' AGL/795' MSL. **Rwy 1L**, fence beginning 148' from DER, 391' left of centerline, up to 4' AGL/679' MSL. Vehicle on road, 459' from DER, 577' left of centerline, 17' AGL/696' MSL. Pole, 575' from DER, 593' left of centerline, 6' AGL/689' MSL. Pole, 1859' from DER, 912' right of centerline, 18' AGL/734' MSL. Antenna, 1928' from DER, 1' right of centerline, 15' AGL/727' MSL. Pole, 2291' from DER, 937' right of centerline, 28' AGL/750' MSL. Tower, 2284' from DER, 463' right of centerline, 17' AGL/739' MSL. Pole, 2393' from DER, 683' right of centerline, 14' AGL/736' MSL. Trees, beginning 2492' from DER, 971' left of centerline, up to 54' AGL/780' MSL. Trees, beginning 2816' from DER, 154' right of centerline, up to 100' AGL/799' MSL. **Rwy 7R**, multiple poles beginning 457' from DER, 456' right of centerline, up to 36' AGL/709' MSL. Train on track, 566' from DER, 12' right of centerline, up to 23' AGL/734' MSL. Multiple poles beginning 801' from DER, 199' left of centerline, up to 38' AGL/711' MSL. Trees, beginning 1211' from DER, 186' right of centerline, up to 100' AGL/779' MSL. Tree, 2192' from DER, 456' left of centerline, 66' AGL/742' MSL. Stack, 1.12 NM from DER, 2171' right of centerline, 210' AGL/926' MSL. Stack, 1.21 NM from DER, 1164' left of centerline, 180' AGL/891' MSL. **Rwy 7L**, hanger, 319' from DER, 456' right of centerline, 13' AGL/696' MSL. Tree, 730' from DER, 675' left of centerline, 100' AGL/779' MSL. Pole, 1727' from DER, 194' left of centerline, 55' AGL/751' MSL. Tower, 1864' from DER, 48' left of centerline, 30' AGL/742' MSL. **Rwy 13**, multiple light poles, beginning 379' from DER, 156' left of centerline, up to 36' AGL/709' MSL. Multiple light poles beginning 858' from DER, 144' right of centerline, up to 36' AGL/709' MSL. Train on track, 556' from DER, 405' left of centerline, 23' AGL/734' MSL. Multiple trees beginning 1222' from DER, 206' left of centerline, up to 100' AGL/779' MSL. Multiple trees beginning 1067' from DER, 406' right of centerline, up to 100' AGL/770' MSL. **Rwy 19L**, tree, 1785' from DER, 863' left of centerline, 100' AGL/779' MSL. Rod on glide slope antenna, 1837' from DER, 559' right of centerline, 63' AGL/749' MSL. **Rwy 19R**, tree, 778' from DER, 647' right of centerline, 100' AGL/809' MSL. Vehicle on road, 398' from DER, 588' left of centerline, 17' AGL/726' MSL. **Rwy 25L**, tree, 1072' from DER, 757' left of centerline, 100' AGL/829' MSL. Tower, 3330' from DER, 1222' right of centerline, 57' AGL/812' MSL. **Rwy 25R**, flag pole, 603' from DER, 336' left of centerline, 36' AGL/709' MSL. Hangar, 625' from DER, 363' right of centerline, 26' AGL/702' MSL. Tree, 855' from DER, 401' right of centerline, 100' AGL/779' MSL. Tree, 1297' from DER, 187' left of centerline, 30' AGL/716' MSL. Pole, 1605' from DER, 301' right of centerline, 47' AGL/720' MSL.

## GENERAL MITCHELL INTL (CON'T)

**Rwy 31**, fence, 197' from DER, 244' right of centerline, 7' AGL/681' MSL. Sign, 219' from DER, 449' right of centerline, 50' AGL/730' MSL. Multiple light poles beginning 265' from DER, 69' right of centerline, up to 30' AGL/706' MSL. Multiple light poles beginning 687' from DER, 112' left of centerline, up to 30' AGL/703' MSL. Hangar, 438' from DER, 564' left of centerline, 50' AGL/722' MSL. Pole, 1351' from DER, 340' right of centerline, 46' AGL/735' MSL. Multiple trees, beginning 1504' from DER, 258' right of centerline, up to 100' AGL/775' MSL. Multiple trees, beginning 1122' from DER, 391' left of centerline, up to 100' AGL/768' MSL. Pole, 2629' from DER, 344' right of centerline, 165' AGL/758' MSL. Tank, 1.10 NM from DER, 742' right of centerline, 165' AGL/885' MSL.

## LAWRENCE J. TAMMERMAN (MWC)

ORIG 93035 (FAA)

DEPARTURE PROCEDURE: **Rwys 4L, 4R, 15L/R**, climb to 2100 before turning east.

## MOLINE, IL

### QUAD-CITY INTL (MLI)

AMDT 9 04330 (FAA)

TAKE-OFF MINIMUMS: **Rwy 9**, 300-1 or std. with a min. climb of 220' per NM to 800. **Rwy 13**, 300-1½ or std. with a min. climb of 250' per NM to 900. **Rwy 23**, 300-1 or std. with a min. climb of 285' per NM to 800. DEPARTURE PROCEDURE: **Rwy 5**, climb via heading 048° to 3000 before turning left. **Rwy 9**, climb via heading 090° to 1600 before turning. **Rwy 13**, climb via heading 126° to 1600 before turning. **Rwy 23**, climb via heading 228° to 1600 before turning. **Rwy 27**, climb via heading 270° to 1600 before turning. **Rwy 31**, climb via heading 306° to 3000 before turning right.

NOTE: **Rwy 9**, trees 4800' from departure end of runway, 1472' right of centerline, 30' AGL/740' MSL. **Rwy 13**, trees beginning 5117' from departure end of runway, 1351' right of centerline, up to 50' AGL/775' MSL. **Rwy 23**, numerous trees beginning 3423' from departure end of runway, 292' left of centerline, up to 50' AGL/757' MSL.

## MONEE, IL

### BULT FIELD (C56)

ORIG 09071 (FAA)

NOTE: **Rwy 9**, vehicle on road 145' from DER, on centerline, 15' AGL/785' MSL. **Rwy 27**, vehicle on road 150' from DER, on centerline, 15' AGL/797' MSL. Metal chimney 305' from DER, 210' left of centerline, 29' AGL/812' MSL. Tree 367' from DER, 161' left of centerline, 40' AGL/819' MSL. Pole barn 421' from DER, 202' left of centerline, 22' AGL/801' MSL. Trees beginning 1484' from DER, 223' right of centerline, up to 100' AGL/859' MSL.

## MONMOUTH, IL

### MONMOUTH MUNI (C66)

AMDT 2 93231 (FAA)

TAKE-OFF MINIMUMS: **Rwy 20**, 400-2.

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## MONROE, WI

MONROE MUNI (EFT)

AMDT 2 09127 (FAA)

NOTE: **Rwy 2**, vehicle on road 926' from DER, left and right of centerline, up to 17' AGL/1116' MSL. Trees beginning 182' from DER, 175' right of centerline, up to 100' AGL/1169' MSL. **Rwy 12**, trees beginning 1234' from DER, 655' right of centerline, up to 100' AGL/1189' MSL. **Rwy 20**, trees beginning 712' from DER, 288' right of centerline, up to 100' AGL/1129' MSL. **Rwy 30**, trees beginning 1918' from DER, 87' right of centerline, up to 100' AGL/1209' MSL. Vehicle on road 1166' from DER, 157' right of centerline, up to 17' AGL/1126' MSL.

## MORRIS, IL

MORRIS MUNI - JAMES R. WASHBURN FIELD (C09)

ORIG 08325 (FAA)

TAKE-OFF MINIMUMS: **Rwy 18**, 400-2 or std. w/ min. climb of 320' per NM to 1000.

NOTE: **Rwy 18**, tree 511' from departure end of runway, 607' right of centerline, 100' AGL/659' MSL. Tower 8810' from departure end of runway, 647' right of centerline, 290' AGL/840' MSL. **Rwy 36**, trees beginning 1562' from departure end of runway, 758' right of centerline extending to 722' left of centerline, 100' AGL/679' MSL.

## MOSINEE, WI

CENTRAL WISCONSIN (CWA)

ORIG 85185 (FAA)

TAKE-OFF MINIMUMS: **Rwy 35**, 300-1.

DEPARTURE PROCEDURE: **Rwy 35**, (northbound departures 350° CW 045°) climbing left turn to 3500 via AUWR-R-270 before turning on course.

## MOUNT CARMEL, IL

MOUNT CARMEL MUNI (AJG)

ORIG 97338 (FAA)

TAKE-OFF MINIMUMS: **Rwy 22**, 300-1 or std. with a min. climb of 340' per NM to 700.

## MOUNT STERLING, IL

MOUNT STERLING MUNI (I63)

ORIG 09183 (FAA)

NOTE: **Rwy 18**, trees beginning 1555' from DER, 309' right of centerline, up to 95' AGL/784' MSL. Tree 2243' from DER, 856' left of centerline, 100' AGL/819' MSL. **Rwy 36**, vehicle on road and pole 686' from DER, 486' right of centerline, up to 60' AGL/779' MSL. Vehicle on road and trees beginning 679' from DER, 365' left of centerline, up to 100' AGL/839' MSL.

## MOUNT VERNON, IL

MOUNT VERNON (MVN)

ORIG 07074 (FAA)

DEPARTURE PROCEDURE: **Rwy 33**, climb via heading 331° to 1300 before turning left.

NOTE: **Rwy 5**, multiple trees beginning 1615' from departure end of runway, 7' left of centerline, up to 134' AGL/602' MSL, antenna 2477' from departure end of runway, 990' right of centerline, 79' AGL/547' MSL, tree 3329' from departure end of runway, 519' right of centerline, 98' AGL/566' MSL. **Rwy 15**, multiple trees beginning 712' from departure end of runway, 17' right of centerline, up to 71' AGL/529' MSL, tree 908' from departure end of runway, 465' left of centerline, 70' AGL/527' MSL, railroad 608' from departure end of runway, 159' right of centerline, 23' AGL/479' MSL, road 564' from departure end of runway, 3' right of centerline, 15' AGL/472' MSL. **Rwy 23**, multiple trees beginning 1705' from departure end of runway, 102' right of centerline, up to 72' AGL/539' MSL, tree 1797' from departure end of runway, 158' left of centerline, 57' AGL/524' MSL, railroad 238' from departure end of runway, 500' left of centerline, 23' AGL/485' MSL, multiple roads beginning 12' from departure end of runway, 367' left of centerline, up to 15' AGL/479' MSL, fencepost 291' from departure end of runway, 426' right of centerline, 9' AGL/476' MSL. **Rwy 33**, multiple trees beginning 696' from departure end of runway, 130' right of centerline, up to 93' AGL/573' MSL, multiple trees beginning 689' from departure end of runway, 216' left of centerline, up to 105' AGL/585' MSL.

## NEW LISBON, WI

MAUSTON-NEW LISBON UNION (82C)

ORIG 97198 (FAA)

TAKE-OFF MINIMUMS: **Rwys 14, 32**, 400-1 or std. with a min. climb of 220' per NM to 1400.

## NEW RICHMOND, WI

NEW RICHMOND RGNL (RNH)

ORIG 07354 (FAA)

NOTE: **Rwy 14**, multiple trees beginning 810' from departure end of runway, 230' left of centerline, up to 100' AGL/1099' MSL. Vehicle on road 502' from departure end of runway, 612' left of centerline, 15' AGL/1014' MSL. **Rwy 32**, vehicle on road 425' from departure end of runway, 591' left of centerline, 15' AGL/1014' MSL. Multiple trees beginning 1460' from departure end of runway, 443' right of centerline, up to 100' AGL/1099' MSL.

## OSCEOLA, WI

L.O. SIMENSTAD MUNI (OEO)

ORIG 07074 (FAA)

TAKE-OFF MINIMUMS: **Rwys 4, 22**, NA-environmental.

NOTE: **Rwy 10**, multiple trees beginning 9951' from departure end of runway, 3135' right of centerline, up to 100' AGL/1159' MSL. Multiple trees beginning 1785' from departure end of runway, 932' left of centerline, up to 100' AGL/1149' MSL. **Rwy 28**, multiple trees beginning 3534' from departure end of runway, 1277' right of centerline, up to 100' AGL/979' MSL. Truck on road beginning 421' from departure end of runway 71' left of centerline, 15' AGL/904' MSL.

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## OSHKOSH, WI

WITTMAN RGNL (OSH)  
ORIG 08157 (FAA)

NOTE: **Rwy 4**, vehicle on road 450' from departure end of runway, on centerline, 15' AGL/794' MSL. Trees beginning 577' from departure end of runway, 66' right of centerline, up to 41' AGL/810' MSL. Trees beginning 1053' from departure end of runway, 391' left of centerline, up to 100' AGL/869' MSL. **Rwy 9**, vehicle on road 620' from departure end of runway, on centerline, 15' AGL/794' MSL. Trees and hanger beginning 223' from departure end of runway, 192' right of centerline, up to 104' AGL/863' MSL. Trees, poles beginning 546' from departure end of runway, 280' left of centerline, up to 93' AGL/852' MSL. **Rwy 13**, trees, buildings and poles beginning 503' from departure end of runway, 3' right of centerline, up to 100' AGL/889' MSL. Trees 400' from departure end of runway, 350' left of centerline, 72' AGL/841' MSL. **Rwy 22**, vehicle on road 830' from departure end of runway, on centerline, 15' AGL/814' MSL. Trees and pole beginning 530' from departure end of runway, 193' right of centerline, up to 100' AGL/919' MSL. Antenna and airport beacon on ATCT 1689' from departure end of runway, 869' left of centerline, 88' AGL/883' MSL. **Rwy 27**, trees 1063' from departure end of runway, 583' right of centerline, up to 100' AGL/919' MSL. Trees and traffic signal 2505' from departure end of runway, 307' left of centerline, 100' AGL/949' MSL. **Rwy 31**, trees and antenna on building beginning 1133' from departure end of runway, 347' right of centerline, up to 100' AGL/889' MSL. Trees beginning 3860' from departure end of runway, 1,472' left of centerline, up to 100' AGL/909' MSL. **Rwy 36**, antenna on building 551' from departure end of runway, 263' right of centerline, 14' AGL/803' MSL.

## PARIS, IL

EDGAR COUNTY (PRG)  
ORIG 07354 (FAA)

NOTE: **Rwy 9**, trees beginning 1923' from departure end of runway, on centerline, up to 100' AGL/744' MSL. **Rwy 27**, elevator 1301' from departure end of runway, 255' left of centerline, 50' AGL/711' MSL. Trees beginning 1301' from departure end of runway, 255' left of centerline, up to 100' AGL/754' MSL. Trees beginning 366' from departure end of runway, 295' right of centerline, up to 100' AGL/759' MSL.

## PARK FALLS, WI

PARK FALLS MUNI (PKF)  
ORIG 99028 (FAA)

DEPARTURE PROCEDURE: **Rwys 18, 36**, climb runway heading to 3400 before turning east.

## PAXTON, IL

PAXTON (1C1)  
ORIG 86184 (FAA)

DEPARTURE PROCEDURE: **Rwy 18**, climb runway heading to 2400 before turning left. **Rwy 36**, climb runway heading to 2400 before turning right.

## PEKIN, IL

PEKIN MUNI (CI5)  
ORIG 08269 (FAA)

NOTE: **Rwy 9**, trees beginning 62' from departure end of runway, 411' right of centerline, up to 63' AGL/583' MSL. Poles beginning 819' from departure end of runway, 388' left of centerline, up to 32' AGL/552' MSL. Poles beginning 824' from departure end of runway, 411' right of centerline, up to 34' AGL/554' MSL. **Rwy 27**, rising terrain 718' from departure end of runway, 103' left of centerline, up to 550' MSL.

## PEORIA, IL

GREATER PEORIA RGNL (PIA)  
ORIG 05076 (FAA)

DEPARTURE PROCEDURE: **Rwy 13**, climb via heading 126° to 1400 before turning left.

NOTE: **Rwy 4**, tank 5023' from departure end of runway, 1616' left of centerline, 131' AGL/781' MSL. Multiple trees beginning 1425' from departure end of runway, 573' left of centerline, up to 91' AGL/740' MSL. **Rwy 13**, multiple trees beginning 990' from departure end of runway, 582' left of centerline, up to 45' AGL/676' MSL. Tower 4.5 miles from departure end of runway, 2.5 NM left of centerline, 656' AGL/1340' MSL. **Rwy 22**, tree 1475' from departure end of runway, 554' right of centerline, 54' AGL/693' MSL. Tree 1475' from departure end of runway, 669' right of centerline, 64' AGL/694' MSL. **Rwy 31**, tree 5039' from departure end of runway, 252' right of centerline, 60' AGL/769' MSL. Multiple trees beginning 1196' from departure end of runway, 252' right of centerline, up to 69' AGL/769' MSL.

MOUNT HAWLEY AUXILIARY (3MY)  
AMDT 2 09239 (FAA)

NOTE: **Rwy 18**, train on railroad tracks 161' from DER, 414' right of centerline, 23' AGL/802' MSL. Fence 366' from DER, 388' left of centerline, 5' AGL/784' MSL. Trees beginning 369' from DER, 21' left of centerline, up to 54' AGL/833' MSL. Trees beginning 404' from DER, 17' right of centerline, up to 74' AGL/853' MSL. Rooflines beginning 708' from DER, 215' left of centerline, 22' AGL/801' MSL. Peaks beginning 714' from DER, 225' left of centerline, 30' AGL/809' MSL. **Rwy 36**, rooflines beginning 205' from DER, 438' right of centerline, 18' AGL/797' MSL. Peaks beginning 239' from DER, 374' right of centerline, up to 37' AGL/816' MSL. Light poles beginning 249' from DER, 390' right of centerline, up to 66' AGL/845' MSL.

## PERU, IL

ILLINOIS VALLEY RGNL-WALTER A.  
DUNCAN FIELD (VYS)  
ORIG 06103 (FAA)

DEPARTURE PROCEDURE: **Rwy 18**, climb via heading 195° to 1400 before turning east.

## PHILLIPS, WI

PRICE COUNTY (PBH)  
ORIG 97086 (FAA)

TAKE-OFF MINIMUMS: **Rwy 1**, 300-1 or std. with climb of 240' per NM to 1800.

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## PLATTEVILLE, WI

PLATTEVILLE MUNI (PVB)

ORIG 09239 (FAA)

NOTE: **Rwy 7**, vehicle on road beginning 499' from DER, left to right of centerline, up to 15' AGL/1053' MSL. Pavilion 250' from DER, 345' left of centerline, 17' AGL/1039' MSL. Poles beginning 208' from DER, 438' left of centerline, up to 37' AGL/1059' MSL. Trees beginning 224' from DER, 17' right of centerline, up to 47' AGL/1069' MSL. Trees beginning 257' from DER, 222' left of centerline, up to 29' AGL/1051' MSL. **Rwy 25**, tree 91' from DER, 277' left of centerline, 21' AGL/1020' MSL. Trees beginning 57' from DER, 325' right of centerline, up to 10' AGL/1009' MSL. **Rwy 15**, tree 1145' from DER, 620' right of centerline, 52' AGL/1073' MSL. Trees beginning 61' from DER, 208' left of centerline, up to 11' AGL/1032' MSL.

## PONTIAC, IL

PONTIAC MUNI (PNT)

ORIG 08213 (FAA)

NOTE: **Rwy 24**, multiple buildings beginning 766' from departure end of runway, 60' left of centerline, up to 28' AGL/672' MSL. Tree 2226' from departure end of runway, 1040' right of centerline, 100' AGL/744' MSL. Multiple light poles beginning 3635' from departure end of runway, 262' right of centerline, up to 130' AGL/774' MSL.

## POPLAR GROVE, IL

POPLAR GROVE (C77)

ORIG 99308 (FAA)

TAKE-OFF MINIMUMS: **Rwy 30**, 300-1 or std. with a min. climb of 310' per NM to 1000. **Rwys 9, 12, 17, 27, 35**, NA.

## PORTAGE, WI

PORTAGE MUNI (C47)

AMDT 1 83286 (FAA)

TAKE-OFF MINIMUMS: **Rwys 17, 22**, 300-1 or std. with a min. climb of 265' per NM to 1000.

## PRAIRIE DU CHIEN, WI

PRAIRIE DU CHIEN MUNI (PDC)

AMDT 3 02332 (FAA)

TAKE-OFF MINIMUMS: **Rwy 29, 32**, 800-2 or std. with a min. climb of 289' per NM to 1700.

DEPARTURE PROCEDURE: **Rwys 11, 29, 14, 32**, climb to 2000 before turning on course.

NOTE: **Rwy 29**, tower 9416' right of departure end of runway, 300' AGL/1440' MSL.

## PRAIRIE DU SAC, WI

SAUK-PRAIRIE (91C)

ORIG 07354 (FAA)

TAKE-OFF MINIMUMS: **Rwy 36**, std. w/ min. climb gradient of 221' per NM to 1700 or 1000-3 for climb in visual conditions.

DEPARTURE PROCEDURE: **Rwy 36**, climb heading 357° to 1700 before turning or for climb in visual conditions cross Sauk-Prairie Airport at or above 1700 MSL before proceeding on course.

NOTE: **Rwy 18**, utility pole, 330' from departure end of runway, 325' right of centerline, 19' AGL/839' MSL. Trees beginning 802' from departure end of runway, 175' left of centerline, up to 100' AGL/919' MSL. Trees beginning 921' from departure end of runway, on centerline, up to 100' AGL/929' MSL. **Rwy 36**, navigation light top 15' from departure end of runway, 35' right of centerline, 2' AGL/833' MSL. Navigation light top 16' from departure end of runway, 60' left of centerline, 3' AGL/834' MSL. Silo top 855' from departure end of runway, 414' left of centerline, up to 33' AGL/864' MSL. Trees beginning 967' from departure end of runway, 611' left of centerline, up to 60' AGL/891' MSL.

## QUINCY, IL

QUINCY RGNL-BALDWIN FIELD (UIN)

ORIG 07242 (FAA)

NOTE: **Rwy 4**, multiple trees beginning 1041' from departure end of runway, 707' right of centerline, up to 68' AGL/797' MSL. Tree 1128' from departure end of runway, 623' right of centerline, 43' AGL/775' MSL. **Rwy 18**, multiple trees beginning 1720' from departure end of runway, 534' left of centerline, up to 100' AGL/849' MSL. **Rwy 22**, tree 586' from departure end of runway, 636' right of centerline, 67' AGL/796' MSL. **Rwy 36**, multiple trees beginning 4' from departure end of runway, 165' right of centerline, up to 91' AGL/820' MSL.

## RACINE, WI

JOHN H. BATTEN (RAC)

AMDT 4 84243 (FAA)

TAKE-OFF MINIMUMS: **Rwys 4, 22**, 300-1.

## RANTOUL, IL

RANTOUL NATL AVN CNTR-FRANK ELLIOTT FLD (TIP)

ORIG 08101 (FAA)

NOTE: **Rwy 9**, Rising terrain 84' from departure end of runway, 149' right of centerline, up to 732' MSL.

## REEDSBURG, WI

REEDSBURG MUNI (C35)

AMDT 1 85325 (FAA)

TAKE-OFF MINIMUMS: **Rwy 18**, 400-1. **Rwy 36**, 300-1. DEPARTURE PROCEDURE: **Rwy 25**, climb to 2300 on runway heading before turning northbound. **Rwy 36**, climb to 2300 on runway heading before turning westbound.

## RHINELANDER, WI

RHINELANDER-ONEIDA COUNTY (RHI)

AMDT 3 98225 (FAA)

DEPARTURE PROCEDURE: **Rwys 9, 15**, climb runway heading to 3900 before turning north.

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# TAKE-OFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

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## RICE LAKE, WI

RICE LAKE RGNL-CARL'S FIELD (RPD)  
ORIG 05132 (FAA)

TAKE-OFF MINIMUMS: **Rwy 1**, std. with a min. climb of 231' per NM to 2200, or 1200-3 for climb in visual conditions.

DEPARTURE PROCEDURE: **Rwy 1**, for climb in visual conditions: Cross Rice Lake Rgnl-Carl's Field at or above 2300. **Rwy 31**, climb via heading 310° to 1900 before turning left.

NOTE: **Rwy 13**, trees 1550' from departure end of runway, 200' right of centerline, 67' AGL/1167' MSL. **Rwy 19**, trees 2780' from departure end of runway, 200' left of centerline, 73' AGL/1169' MSL. **Rwy 31**, trees 1480' from departure end of runway, 50' right of centerline, 64' AGL/1156' MSL.

## RICHLAND CENTER, WI

RICHLAND (93C)  
AMDT 1A 07241 (FAA)

TAKE-OFF MINIMUMS: **Rwys 9,17, NA. Rwy 27**, 400-2 or std. with a min. climb of 491' per NM to 1300. **Rwy 35**, 300-1 or std. with a min. climb of 222' per NM to 1800.

## ROBINSON, IL

ROBINSON MUNI (RSV)  
ORIG 08269 (FAA)

NOTE: **Rwy 9**, trees 2285' from departure end of runway, 474' right of centerline, 60' AGL/516' MSL. Trees 971' from departure end of runway, 594' left of centerline, 58' AGL/517' MSL. **Rwy 17**, tree 2493' from departure end of runway, 521' right of centerline, 100' AGL/589' MSL. **Rwy 27**, trees beginning at 178' from departure end of runway, 358' right of centerline, up to 78' AGL/547' MSL. Trees beginning at 2190' from departure end of runway, 89' left of centerline, 98' AGL/567' MSL. **Rwy 35**, road with vehicle 693' from departure end of runway, 611' right of centerline, 15' AGL/474' MSL. Tree 1545' from departure end of runway, 841' left of centerline, 100' AGL/554' MSL.

## ROCHELLE, IL

ROCHELLE MUNI AIRPORT-KORITZ FIELD (RPJ)

AMDT 3 03191 (FAA)

TAKE-OFF MINIMUMS: **Rwy 7**, 800-1 or std. with a min. climb of 433' per NM to 1800.

NOTE: **Rwy 7**, tower 3415' from departure end of runway, 1135' right of centerline, 120' AGL/924' MSL. Tower, 3.66 NM from departure end of runway, 2020' left of centerline, 625' AGL/1463' MSL.

## ST. JACOB, IL

ST LOUIS METRO-EAST/ SHAFER FIELD (3K6)

ORIG 87155 (FAA)

TAKE-OFF MINIMUMS: **Rwy 13**, 300-1.

## SALEM, IL

SALEM-LECKRONE (SLO)  
AMDT 6 01193 (FAA)

TAKE-OFF MINIMUMS: **Rwy 18**, 300-2 or std. with a min. climb of 280' per NM to 900.

## SHAWANO, WI

SHAWANO MUNI (EZS)  
AMDT 2 07242 (FAA)

TAKE-OFF MINIMUMS: **Rwy 11**, 600-3 or std. w/ min. climb of 329' per NM to 1600. **Rwy 17**, 300-2 or std. w/ min. climb of 245' per NM to 1200. **Rwy 29**, 300-1½ or std. w/ min. climb of 248' per NM to 1100.

NOTE: **Rwy 11**, tower 2.3 NM from departure end of runway, 3006' right of centerline, 222' AGL/1240' MSL. Multiple trees beginning 1700' from departure end of runway, 389' left to 2432' right of centerline, up to 100' AGL/1149' MSL. **Rwy 17**, multiple trees beginning 1710' from departure end of runway, 2951' left to 1292' right of centerline, up to 100' AGL/1059' MSL. Elevator 5839' from departure end of runway, 738' right of centerline, 149' AGL/979' MSL. **Rwy 29**, multiple trees beginning 649' from departure end of runway, crossing left to right 538' from departure end of runway, crossing left to right 17' AGL/826' MSL. Water tank 1.1 NM from departure end of runway, 1310' right of centerline, 175' AGL/1019' MSL. **Rwy 35**, ships 1007' from departure end of runway, left to right of centerline, up to 60' AGL/869' MSL. Vehicle on road 580' from departure end of runway, left to right of centerline, up to 15' AGL/824' MSL. Multiple trees beginning 2200' from departure end of runway, 724' left of centerline, up to 100' AGL/909' MSL.

## SHEBOYGAN, WI

SHEBOYGAN COUNTY MEMORIAL (SBM)  
ORIG 07074 (FAA)

NOTE: **Rwy 3**, tree 1656' from departure end of runway, 780' left of centerline, 78' AGL/837' MSL. **Rwy 13**, multiple trees beginning 43' from departure end of runway, 9' left of centerline, up to 47' AGL/796' MSL. Road 966' from departure end of runway, 757' left of centerline, 15' AGL/764' MSL. Road 575' from departure end of runway, 650' right of centerline, 15' AGL/764' MSL. **Rwy 21**, road 19' from departure end of runway, 504' right of centerline, 15' AGL/764' MSL. Multiple trees beginning 230' from departure end of runway, 291' right of centerline, up to 73' AGL/789' MSL. Road 112' from departure end of runway, 529' left of centerline, 15' AGL/764' MSL. Obstruction light on localizer 157' from departure end of runway, 4' left of centerline, 11' AGL/750' MSL. Tree 1709' from departure end of runway, 177' left of centerline, 82' AGL/791' MSL. **Rwy 31**, road 58' from departure end of runway, 500' left of centerline, 15' AGL/774' MSL. Multiple trees and pole beginning 480' from departure end of runway, 56' left of centerline, up to 82' AGL/831' MSL. Tower 4680' from departure end of runway, 1017' left of centerline, 140' AGL/889' MSL. Tree 2302' from departure end of runway, 61' right of centerline, 72' AGL/821' MSL.

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# TAKE-OFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

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## SHELL LAKE, WI

SHELL LAKE MUNI (SSQ)  
ORIG 08045 (FAA)

TAKE-OFF MINIMUMS: **Rwy 14**, 200-1¼ or std. w/ min climb of 238' per NM to 1500, or alternatively with standard takeoff minimums and a normal 200'/NM climb gradient, takeoff must occur no later than 2000' prior to departure end of runway. **Rwy 32**, 200-1¼ or std. w/ min climb of 235' per NM to 1500, or alternatively with standard takeoff minimums and normal 200'/NM climb gradient, takeoff must occur no later than 2000' prior to departure end of runway.

NOTE: **Rwy 14**, Vehicle and road 91' from departure end of runway, 167' left of centerline, up to 15' AGL/1244' MSL. Trees beginning 147' from departure end of runway, 89' right of centerline up to 100' AGL/1409' MSL. Vehicle and road 218' from departure end of runway, 144' right of centerline, up to 15' AGL/1244' MSL. Trees beginning 358' from departure end of runway, 306' left of centerline up to 100' AGL/1329' MSL. **Rwy 32**, vehicle and road 84' from departure end of runway, 3' left of centerline, up to 15' AGL/1264' MSL. Railroad 347' from departure end of runway, 56' left of centerline, up to 23' AGL/1272' MSL. Vehicle and road 745' from departure end of runway 30' right of centerline, up to 15' AGL/1274' MSL. Railroad 827' from departure end runway, 686' right of centerline, up to 23' AGL/1272' MSL. Trees 2467' from departure end of runway, 853' right of centerline, up to 100' AGL/1349' MSL. Trees 2645' from departure end of runway, 100' left of centerline, up to 100' AGL/1419' MSL.

## SPARTA, IL

SPARTA COMMUNITY-HUNTER FIELD  
(SAR)  
ORIG 04106 (FAA)

TAKE-OFF MINIMUMS: **Rwy 18**, 300-1.

## SPARTA, WI

SPARTA/FORT MC COY (CMY)  
AMDT 1 90123 (FAA)

DEPARTURE PROCEDURE: **Rwys 1, 11, 29**, climb on runway heading to 1400' before turning on course.

## SPRINGFIELD, IL

ABRAHAM LINCOLN CAPITAL (SPI)  
ORIG 05300 (FAA)

NOTE: **Rwy 4**, multiple trees beginning 1456' from departure end of runway, 734' left of centerline, up to 59' AGL/650' MSL. **Rwy 13**, bush 342' from departure end of runway, 299' right of centerline, 43' AGL/592' MSL. **Rwy 18**, tower 1702' from departure end of runway, 778' right of centerline, 100' AGL/659' MSL. Multiple trees beginning 1503' from departure end of runway, 283' right of centerline, up to 98' AGL/660' MSL. Building 2.53 NM from departure end of runway, 1.2 NM left of centerline, 405' AGL/1000' MSL. **Rwy 31**, multiple trees beginning 1641' from departure end of runway, 619' left of centerline, up to 81' AGL/665' MSL. **Rwy 36**, multiple trees beginning 1873' from departure end of runway, 470' left of centerline, up to 79' AGL/670' MSL. Rod on tower 2397' from departure end of runway, 501' right of centerline, 55' AGL/653' MSL.

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# TAKE-OFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

## STERLING-ROCKFALLS, IL

WHITESIDE COUNTY-JOSEPH H. BITTORF  
FIELD (SQI)  
ORIG 08325 (FAA)

NOTE: **Rwy 7**, elevator 3095' from departure end of runway, 1099' right of centerline, 91' AGL/741' MSL. **Rwy 18**, vehicle on roadway 736' from departure end of runway, on centerline, 15' AGL/664' MSL. Tree 1012' from departure end of runway, 288' left of centerline, 35' AGL/680' MSL. Tree 787' from departure end of runway, 120' right of centerline, 29' AGL/669' MSL. Multiple trees beginning 3619' from departure end of runway, 944' left of centerline, up to 100' AGL/769' MSL. **Rwy 25**, multiple trees beginning 1308' from departure end of runway, 22' left of centerline, up to 82' AGL/732' MSL. Multiple trees beginning 666' from departure end of runway, 42' right of centerline, up to 80' AGL/720' MSL. **Rwy 36**, vehicle on roadway, 575' from departure end of runway, on centerline, 17' AGL/668' MSL. Tree 564' from departure end of runway, 103' right of centerline, 11' AGL/662' MSL.

## STEVENS POINT, WI

STEVENS POINT MUNI (STE)  
ORIG 09015 (FAA)

NOTE: **Rwy 3**, trees beginning 1175' from departure end of runway, 649' left of centerline, 54' AGL/1173' MSL. Tree 2693' from departure end of runway, 566' right of centerline, 62' AGL/1181' MSL. **Rwy 21**, trees beginning 1127' from departure end of runway, 119' right of centerline, up to 100' AGL/1209' MSL. Trees beginning 1247' from departure end of runway, 151' left of centerline, up to 45' AGL/1153' MSL. **Rwy 12**, poles beginning 177' from departure end of runway, 197' right of centerline, up to 37' AGL/1126' MSL. Trees beginning 757' from departure end of runway, 27' right of centerline, up to 95' AGL/1204' MSL. Trees beginning 958' from departure end of runway, 112' left of centerline, up to 87' AGL/1196' MSL. **Rwy 30**, building 217' from departure end of runway, 535' left of centerline, 30' AGL/1139' MSL. Vehicle and road 499' from departure end of runway, on centerline, 15' AGL/1124' MSL. Trees beginning 848' from departure end of runway, 66' left of centerline, up to 87' AGL/1206' MSL. Trees beginning 869' from departure end of runway, 139' right of centerline, up to 81' AGL/1210' MSL.

## STURGEON BAY, WI

DOOR COUNTY CHERRYLAND (SUE)  
ORIG 07242 (FAA)

DEPARTURE PROCEDURE: **Rwy 2**, climb heading 016° to 1700 before turning east.

NOTE: **Rwy 2**, 100' tree 1.4 NM from departure end of runway, 2674' left of centerline, 100' AGL/839' MSL. **Rwy 10**, 130' boat 5128' from departure end of runway, on centerline, 130' AGL/710' MSL. **Rwy 20**, multiple trees, antennas, vehicle on road, poles beginning 121' from departure end of runway, 374' right of centerline, 90' AGL/802' MSL. Multiple poles and trees beginning 320' from departure end of runway, 250' left of centerline, 81' AGL/797' MSL. **Rwy 28**, vehicle on road 355' from departure end of runway, on centerline, 15' AGL/734' MSL.



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**SUPERIOR, WI**

RICHARD I. BONG (SUW)

AMDT 5 98281 (FAA)

DEPARTURE PROCEDURE: **Rwy 3**, climb runway heading to 2500 before turning west. **Rwy 31**, climb runway heading to 2500 before turning north.

**TAYLORVILLE, IL**

TAYLORVILLE MUNI (TAZ)

ORIG 05300 (FAA)

TAKE-OFF MINIMUMS: **Rwys 9, 27**, NA-no survey data.

NOTE: **Rwy 18**, numerous trees 1000' from departure end of runway, from 335' left of centerline to 1150' right of centerline, up to 100' AGL/719' MSL. **Rwy 36**, numerous trees 1580' from departure end of runway, from 20' left of centerline to 570' right of centerline, up to 100' AGL/724' MSL.

**TOMAHAWK, WI**

TOMAHAWK RGNL (TKV)

ORIG 08269 (FAA)

NOTE: **Rwy 9**, tree 1' from departure end of runway, 402' left of centerline, 8' AGL/1487' MSL. Building 18' from departure end of runway, 439' right of centerline, 16' AGL/1505' MSL. Building 90' from departure end of runway, 440' right of centerline, 16' AGL/1505' MSL. Tree 593' from departure end of runway, 389' right of centerline, 36' AGL/1515' MSL. **Rwy 27**, tree 464' from departure end of runway, 443' right of centerline, 63' AGL/1522' MSL. Vehicle on road 83' from departure end of runway, 439' right of centerline, 15' AGL/1479' MSL. Tree 1965' from departure end of runway, 665' left of centerline, 60' AGL/1539' MSL. Wind cone 4' from departure end of runway, 400' left of centerline, 16' AGL/1495' MSL.

**VIROQUA, WI**

VIROQUA MUNI (Y51)

ORIG-A 07298 (FAA)

TAKE-OFF MINIMUMS: **Rwys 2, 20**, NA-unsurveyed turf runways. **Rwy 11**, NA. Obstacle.

**VOLK FIELD (KVOK)**

CAMP DOUGLAS, WI. . . . . 07186

TAKE-OFF OBSTACLES: **Rwy 27**: Trees 80' AGL/1019' MSL, 2537' from DER, 983' right of centerline. Trees 80' AGL/1039' MSL, 3742' from DER, 835' left of centerline. **Rwy 9**: Antenna 50' AGL/1040' MSL, 4966' from DER, 625' left of centerline.

**WATERTOWN, WI**

WATERTOWN MUNI (RYV)

DEPARTURE PROCEDURE: **Rwy 5**, climb runway heading to 2500 before heading west. **Rwy 29**, climb runway heading to 2500 before turning north.

**WAUKESHA, WI**

WAUKESHA COUNTY (UES)

AMDT 6 09127 (FAA)

TAKE-OFF MINIMUMS: **Rwy 10**, 400-2½ or std. with a min. climb of 316' per NM to 1400.

NOTE: **Rwy 10**, light pole 146' from DER, 326' left of centerline, 9' AGL/918' MSL. Light pole 560' from DER, 597' left of centerline, 17' AGL/936' MSL. Pipe on building 229' from DER, 275' left of centerline, 16' AGL/925' MSL. Trees beginning 1652' from DER, 171' right of centerline, up to 70' AGL/1029' MSL. Trees beginning 1868' from DER, 16' left of centerline, up to 54' AGL/983' MSL. Tower 1.0 NM from DER, 1571' right of centerline, 219' AGL/1148' MSL. Tower 1.1 NM from DER, 1140' right of centerline, 177' AGL/1126' MSL. Tower 1.8 NM from DER, 3455' right of centerline, 272' AGL/1238' MSL. **Rwy 18**, vehicle on road 618' from DER, 162' left of centerline, 15' AGL/946' MSL. Bush 746' from DER, 107' right of centerline, 9' AGL/938' MSL. Trees beginning 753' from DER, 187' right of centerline, up to 18' AGL/957' MSL. Tree 757' from DER, 182' left of centerline, 17' AGL/946' MSL. Tree 1188' from DER, 27' left of centerline, 27' AGL/956' MSL. Pole 1976' from DER, 304' left of centerline, 48' AGL/967' MSL. Pole 2026' from DER, 196' right of centerline, 62' AGL/981' MSL. Tower 2010' from DER, 932' left of centerline, 66' AGL/984' MSL. Rod on stack 4489' from DER, 657' left of centerline, 118' AGL/1037' MSL. **Rwy 28**, vehicle on road 877' from DER, 541' left of centerline, 15' AGL/924' MSL. Pole 1078' from DER, 739' left of centerline, 47' AGL/936' MSL. **Rwy 36**, rod on pole 401' from DER, 555' left of centerline, 46' AGL/945' MSL. Vehicle on road 300' from DER, 349' right of centerline, 15' AGL/914' MSL. Trees beginning 486' from DER, 175' right of centerline, up to 81' AGL/970' MSL. Trees beginning 999' from DER, 124' left of centerline, up to 72' AGL/962' MSL.

**WAUPACA, WI**

WAUPACA MUNI (PCZ)

AMDT 2 05020 (FAA)

TAKE-OFF MINIMUMS: **Rwy 28**, 300-2 or std with a min. climb of 317' per NM to 1300.

NOTES: **Rwy 10**, trees 1400' from departure end of runway, 300' left of centerline, 41' AGL/850' MSL. **Rwy 13**, road and vehicle 240' from departure end of runway, 275' right of centerline, 29' AGL/832' MSL. **Rwy 28**, trees 1.1 NM from departure end of runway, 1848' left of centerline, 100' AGL, 1119' MSL. **Rwy 31**, trees 800' from departure end of runway, 150' left of centerline, 19' AGL/846' MSL. Trees 1965' from departure end of runway, 585' left of centerline, 100' AGL/979' MSL.

**WAUSAU, WI**

WAUSAU DOWNTOWN (AUW)

AMDT 4 86044 (FAA)

TAKE-OFF MINIMUMS: **Rwy 30**, 300-1.

**Rwy 4**, 400-1. **Rwy 12**, 300-1. **Rwy 22**, 700-1.

DEPARTURE PROCEDURE: **All runways**: West departures (220° CW to 300°) climb to 3500 on runway heading before proceeding on course.

**Rwy 4**, North departures (360° CW 030°) climb on runway heading to 2900 before proceeding on course.

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**WAUTOMA, WI**

WAUTOMA MUNI (Y50)

ORIG 98225 (FAA)

DEPARTURE PROCEDURE: **Rwy 31**, climb runway  
heading to 1800 before turning north.

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