

**FEDERAL AVIATION ADMINISTRATION
FLIGHT STANDARDS SERVICE
TAKEOFF MINIMUMS AND OBSTACLE DEPARTURE PROCEDURES (ODP)
TITLE 14 CFR PART 97.37**

Bearings, headings, courses, tracks and radials are magnetic. Elevations and altitudes are in feet, MSL. Altitudes are minimum altitudes unless otherwise indicated.
Ceilings are in feet above airport elevation. Distances are in nautical miles. Visibilities are in statute miles or feet RVR unless otherwise indicated.

<u>AIRPORT ID</u>	<u>CITY</u>	<u>STATE</u>	<u>AMDT NO</u>	<u>ACTUAL EFFECTIVE DATE</u>
KCFE	BUFFALO	MN	1	20 FEBRUARY 2025

TAKEOFF MINIMUMS:

RWY 18: 300-1 1/2 OR STANDARD WITH MINIMUM CLIMB OF 225 FT/NM TO 1200 OR ALTERNATIVELY, WITH STANDARD TAKEOFF MINIMUMS AND A NORMAL 200 FT/NM CLIMB GRADIENT, TAKEOFF MUST OCCUR NO LATER THAN 1500 FEET PRIOR TO DER.

RWY 36: 300-2 WITH MINIMUM CLIMB OF 209 FT/NM TO 1300 OR ALTERNATIVELY, WITH STANDARD TAKEOFF MINIMUMS AND A NORMAL 200 FT/NM CLIMB GRADIENT, TAKEOFF MUST OCCUR NO LATER THAN 1300 FEET PRIOR TO DER.

TEXTUAL DEPARTURE PROCEDURES:

VISUAL CLIMB OVER AIRPORT:

TAKEOFF OBSTACLE NOTES:

RWY 18: UTILITY BUILDING 46 FT FROM DER, 83 FT RIGHT OF CENTERLINE, 8 FT AGL/956 FT MSL.
TREE 115 FT FROM DER, 530 FT LEFT OF CENTERLINE, 989 FT MSL.
VEHICLES ON ROAD 140 FT FROM DER, 342 FT RIGHT OF CENTERLINE, 17 FT AGL/976 FT MSL.
TREE 155 FT FROM DER, 316 FT LEFT OF CENTERLINE, 46 FT AGL/996 FT MSL.
VEHICLES ON ROAD 196 FT FROM DER, 473 FT RIGHT OF CENTERLINE, 17 FT AGL/979 FT MSL.
BUILDING, VEHICLES ON ROAD, BEGINNING 206 FT FROM DER, 455 FT RIGHT OF CENTERLINE, UP TO 28 FT AGL/991 FT MSL.
TREE 755 FT FROM DER, 434 FT LEFT OF CENTERLINE, 997 FT MSL.
TREES, VEHICLES ON ROAD, POLE, TRANSMISSION LINE BEGINNING 770 FT FROM DER, 138 FT RIGHT OF CENTERLINE, UP TO 1007 FT MSL.
TREES, BUILDING, POLE, TRANSMISSION LINE BEGINNING 920 FT FROM DER, 12 FT LEFT OF CENTERLINE, UP TO 1016 FT MSL.
TREE 2066 FT FROM DER, 72 FT LEFT OF CENTERLINE, 1024 FT MSL.
TREES BEGINNING 2168 FT FROM DER, 331 FT LEFT OF CENTERLINE, UP TO 1026 FT MSL.
TREE 2232 FT FROM DER, 682 FT RIGHT OF CENTERLINE, 1030 FT MSL.
TREES BEGINNING 2257 FT FROM DER, 203 FT RIGHT OF CENTERLINE, UP TO 1034 FT MSL.
TREES BEGINNING 2340 FT FROM DER, 220 FT LEFT OF CENTERLINE, UP TO 1032 FT MSL.
TREE 3237 FT FROM DER, 390 FT LEFT OF CENTERLINE, 1040 FT MSL.
TREES BEGINNING 3243 FT FROM DER, 57 FT LEFT OF CENTERLINE, UP TO 1047 FT MSL.
TREE 3274 FT FROM DER, 916 FT RIGHT OF CENTERLINE, 1048 FT MSL.
TREES BEGINNING 3327 FT FROM DER, 113 FT RIGHT OF CENTERLINE, UP TO 1064 FT MSL.
TREES BEGINNING 3359 FT FROM DER, 223 FT RIGHT OF CENTERLINE, UP TO 1071 FT MSL.
TREE 3510 FT FROM DER, 107 FT LEFT OF CENTERLINE, 1049 FT MSL.
TREES 4376 FT FROM DER, 1649 FT RIGHT OF CENTERLINE, 100 FT AGL/1088 FT MSL.
TREES 5848 FT FROM DER, 2025 FT LEFT OF CENTERLINE, 100 FT AGL/1108 FT MSL.
TREES BEGINNING 1 NM FROM DER, 2033 FT LEFT OF CENTERLINE, 100 FT AGL/1121 FT MSL.

NOTE: RWY 36: SIGN 15 FT FROM DER, 201 FT LEFT OF CENTERLINE, 8 FT AGL/969 FT MSL.
TREE, UTILITY BUILDING BEGINNING 43 FT FROM DER, 82 FT RIGHT OF CENTERLINE, UP TO 973 FT MSL.
TREE 51 FT FROM DER, 343 FT LEFT OF CENTERLINE, 974 FT MSL.
TREES, BUILDING BEGINNING 86 FT FROM DER, 326 FT LEFT OF CENTERLINE, UP TO 15 FT AGL/979 FT MSL.
BUILDINGS, TREE BEGINNING 281 FT FROM DER, 334 FT LEFT OF CENTERLINE, UP TO 23 FT AGL/984 FT MSL.
TREES, BUILDING BEGINNING 393 FT FROM DER, 350 FT RIGHT OF CENTERLINE, UP TO 66 FT AGL/1029 FT MSL.
BUILDING 521 FT FROM DER, 586 FT LEFT OF CENTERLINE, 22 FT AGL/986 FT MSL.
POLE, BUILDING BEGINNING 1524 FT FROM DER, 240 FT RIGHT OF CENTERLINE, UP TO 50 FT AGL/1032 FT MSL.
TREES, BUILDING BEGINNING 1646 FT FROM DER, 776 FT LEFT OF CENTERLINE, UP TO 72 FT AGL/1056 FT MSL.
TREES BEGINNING 1655 FT FROM DER, 316 FT RIGHT OF CENTERLINE, UP TO 47 FT AGL/1036 FT MSL.
POLE 1765 FT FROM DER, 263 FT RIGHT OF CENTERLINE, 57 FT AGL/1045 FT MSL.
POLE, TREES BEGINNING 1888 FT FROM DER, 539 FT RIGHT OF CENTERLINE, UP TO 62 FT AGL/1048 FT MSL.
TREES BEGINNING 2864 FT FROM DER, 84 FT RIGHT OF CENTERLINE, UP TO 1055 FT MSL.
TREES BEGINNING 3291 FT FROM DER, 214 FT RIGHT OF CENTERLINE, UP TO 1063 FT MSL.
TREES BEGINNING 3513 FT FROM DER, 407 FT RIGHT OF CENTERLINE, UP TO 1074 FT MSL.
TREE 3524 FT FROM DER, 117 FT LEFT OF CENTERLINE, 1060 FT MSL.
TREES BEGINNING 3529 FT FROM DER, 53 FT LEFT OF CENTERLINE, UP TO 1074 FT MSL.
TREES BEGINNING 3617 FT FROM DER, 54 FT RIGHT OF CENTERLINE, UP TO 1081 FT MSL.
TREES BEGINNING 3750 FT FROM DER, 60 FT RIGHT OF CENTERLINE, UP TO 1085 FT MSL.
TREES BEGINNING 3849 FT FROM DER, 81 FT LEFT OF CENTERLINE, UP TO 94 FT AGL/1078 FT MSL.
TREES BEGINNING 4633 FT FROM DER, 1183 FT RIGHT OF CENTERLINE, UP TO 100 FT AGL/1087 FT MSL.

CONTROLLING OBSTACLES:

RWY 18: 1120 FT MSL TREE 450815.00N/0935009.00W (CLIMB GRADIENT) (CLIMB-TO ALTITUDE) (CEILING) (REDUCED TAKEOFF), 1120 FT MSL
TREE 450812.00N/0935009.00W (VISIBILITY).
RWY 36: 1214 FT MSL AAO 451124.00N/0934951.00W (VISIBILITY), 1217 FT MSL AAO 451124.00N/0935000.00W (CLIMB GRADIENT) (CLIMB-TO ALTITUDE) (CEILING) (REDUCED TAKEOFF).

QUALITY
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CHECKED

REMARKS:

<u>FLIGHT INSPECTED BY</u> MARC WEBBER	<i>Digitally signed by</i> DAVID DANNER Jan 10, 2025	<u>OFFICE</u> AJF	<u>DATE</u> 01/08/2025	
<u>DEVELOPED BY</u> LEO PALMER	<i>Digitally signed by</i> LEO PALMER Aug 22, 2024	<u>OFFICE</u> AJV-A421	<u>DATE</u> 07/15/2024	
<u>APPROVED BY</u> DAVID DANNER	<i>Digitally signed by</i> DAVID DANNER Jan 10, 2025	<u>OFFICE</u> AJV-A421	<u>DATE</u> 12/26/2024	<u>TITLE</u> MANAGER

REQUIRED EFFECTIVE DATE:
ROUTINE

COORDINATED WITH:

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

OTHER: MIN APP CON, AMGR

CHANGES - REASONS:

- CLEARS T-NOTAM 3/8992. - UPDATED TAKEOFF OBSTACLES

- TAKEOFF MINIMUMS: RWY 17 CHANGED FROM "300-1 1/2 OR STANDARD WITH MINIMUM CUMB OF 403 FT PER NM TO 1200" TO "RWY 18: 300-1 1/2 OR STANDARD WITH MINIMUM CLIMB OF 225 FT/NM TO 1200 OR ALTERNATIVELY, WITH STANDARD TAKEOFF MINIMUMS AND A NORMAL 200 FT/NM CLIMB GRADIENT, TAKEOFF MUST OCCUR NO LATER THAN 1500 FEET PRIOR TO DER.." - RUNWAY NUMBERS UPDATED TO MATCH AIRNAV DATA. NEW CONTROLLING OBSTACLE, RTRL APPLIED IAW 8260.46J FIG. 2-1-1

- TAKEOFF MINIMUMS: RWY 35 CHANGED FROM "STANDARD" TO "RWY 36: 300-2 WITH MINIMUM CLIMB OF 209 FT/NM TO 1300 OR ALTERNATIVELY, WITH STANDARD TAKEOFF MINIMUMS AND A NORMAL 200 FT/NM CLIMB GRADIENT, TAKEOFF MUST OCCUR NO LATER THAN 1300 FEET PRIOR TO DER." - RUNWAY NUMBERS UPDATED TO MATCH AIRNAV DATA, NEW CONTROLLING OBST REQUIRES CG, CGTA, AND RTRL APPLIED IAW 8260.46J FIG 2-1-1

- CONTROLLING OBSTACLES: ADDED/UPDATED. - MITER 3DEP TERRAIN EVAL.

