

**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>
KDSM	DES MOINES	IA	12	08/10/2023

TAKEOFF MINIMUMS:

RWY 5, 13, 23, 31: STANDARD.

TEXTUAL DEPARTURE PROCEDURES:

VISUAL CLIMB OVER AIRPORT:

TAKEOFF OBSTACLE NOTES:

RWY 5: LIGHTING 199 FT FROM DER, 346 FT RIGHT OF CENTERLINE, 3 FT AGL/938 FT MSL.
UTILITY BUILDINGS BEGINNING 600 FT FROM DER, 112 FT RIGHT OF CENTERLINE, UP TO 29 FT AGL/966 FT MSL.
UTILITY BUILDINGS BEGINNING 602 FT FROM DER, 90 FT LEFT OF CENTERLINE, UP TO 32 FT AGL/966 FT MSL.
UTILITY BUILDINGS BEGINNING 696 FT FROM DER, 99 FT RIGHT OF CENTERLINE, UP TO 32 FT AGL/967 FT MSL.
UTILITY BUILDINGS BEGINNING 700 FT FROM DER, 99 FT LEFT OF CENTERLINE, UP TO 32 FT AGL/967 FT MSL.
UTILITY BUILDINGS BEGINNING 899 FT FROM DER, 99 FT RIGHT OF CENTERLINE, UP TO 28 FT AGL/968 FT MSL.
UTILITY BUILDINGS BEGINNING 900 FT FROM DER, 100 FT LEFT OF CENTERLINE, UP TO 31 FT AGL/968 FT MSL.
UTILITY BUILDINGS BEGINNING 1098 FT FROM DER, 87 FT RIGHT OF CENTERLINE, UP TO 30 FT AGL/969 FT MSL.
UTILITY BUILDINGS BEGINNING 1099 FT FROM DER, 99 FT LEFT OF CENTERLINE, UP TO 36 FT AGL/969 FT MSL.
ANTENNA 3348 FT FROM DER, 1162 FT LEFT OF CENTERLINE, 74 FT AGL/1029 FT MSL.
NAVAID 3350 FT FROM DER, 1146 FT LEFT OF CENTERLINE, 1032 FT MSL.

RWY 13: TREE 1427 FT FROM DER, 830 FT LEFT OF CENTERLINE, 1002 FT MSL.
TREE 1831 FT FROM DER, 918 FT RIGHT OF CENTERLINE, 1017 FT MSL.
TREE 2970 FT FROM DER, 1142 FT LEFT OF CENTERLINE, 1033 FT MSL.

RWY 23: TERRAIN 5 FT FROM DER, 397 FT LEFT OF CENTERLINE, 915 FT MSL.
LIGHTING, TERRAIN BEGINNING 100 FT FROM DER, 25 FT LEFT OF CENTERLINE, UP TO 10 FT AGL/925 FT MSL.
LIGHTING BEGINNING 100 FT FROM DER, 4 FT RIGHT OF CENTERLINE, UP TO 9 FT AGL/925 FT MSL.
BUILDING, UTILITY BUILDING BEGINNING 287 FT FROM DER, 552 FT LEFT OF CENTERLINE, UP TO 12 FT AGL/934 FT MSL.
LIGHTING 300 FT FROM DER, 4 FT RIGHT OF CENTERLINE, 12 FT AGL/928 FT MSL.
LIGHTING, TERRAIN BEGINNING 500 FT FROM DER, ON CENTERLINE, UP TO 11 FT AGL/932 FT MSL.
TERRAIN 674 FT FROM DER, 176 FT RIGHT OF CENTERLINE, 935 FT MSL.
TERRAIN, LIGHT POLES BEGINNING 696 FT FROM DER, ON CENTERLINE, UP TO 937 FT MSL.
TERRAIN 704 FT FROM DER, 244 FT RIGHT OF CENTERLINE, 938 FT MSL.
TERRAIN BEGINNING 794 FT FROM DER, 145 FT RIGHT OF CENTERLINE, UP TO 941 FT MSL.
TERRAIN BEGINNING 894 FT FROM DER, 245 FT RIGHT OF CENTERLINE, UP TO 943 FT MSL.
TERRAIN 988 FT FROM DER, 583 FT RIGHT OF CENTERLINE, 946 FT MSL.
FENCE, TERRAIN BEGINNING 992 FT FROM DER, 263 FT RIGHT OF CENTERLINE, UP TO 7 FT AGL/952 FT MSL.
FENCE, TERRAIN BEGINNING 1195 FT FROM DER, 395 FT RIGHT OF CENTERLINE, UP TO 5 FT AGL/957 FT MSL.
FENCE, TERRAIN BEGINNING 1285 FT FROM DER, 246 FT RIGHT OF CENTERLINE, UP TO 6 FT AGL/959 FT MSL.
FENCE, TERRAIN BEGINNING 1390 FT FROM DER, 247 FT RIGHT OF CENTERLINE, UP TO 6 FT AGL/962 FT MSL.
FENCE, TERRAIN, TRAVERSE WAY BEGINNING 1590 FT FROM DER, 303 FT RIGHT OF CENTERLINE, UP TO 6 FT AGL/966 FT MSL.
TRAVERSE WAY 1784 FT FROM DER, 347 FT LEFT OF CENTERLINE, 959 FT MSL.
TRAVERSE WAY 1786 FT FROM DER, 276 FT LEFT OF CENTERLINE, 960 FT MSL.
FENCE, TERRAIN BEGINNING 1799 FT FROM DER, 488 FT RIGHT OF CENTERLINE, UP TO 9 FT AGL/973 FT MSL.
TREE 5405 FT FROM DER, 1638 FT RIGHT OF CENTERLINE, 1051 FT MSL.

RWY 31: TREE 2509 FT FROM DER, 907 FT RIGHT OF CENTERLINE, 977 FT MSL.

CONTROLLING OBSTACLES:

REMARKS:

FLIGHT INSPECTED BY

PENDING

Digitally signed by
DAVID TEFFETELLER **OFFICE**
Apr 17, 2023

DATE

DEVELOPED BY

FRANK MOORE

Digitally signed by
FRANK MOORE **OFFICE**
Apr 13, 2023 AJV-A433

DATE

03/28/2023

APPROVED BY

JOHNNIE BAKER III

Digitally signed by
DAVID TEFFETELLER **OFFICE**
Apr 17, 2023 AJV-A430

DATE

08/10/2023

TITLE
MANAGER

REQUIRED EFFECTIVE DATE:

Apr 17, 2023



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KDSM	DES MOINES	IA	12	08/10/2023

COORDINATED WITH:

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

OTHER:

ZAU, ZMP, DSM DEP CON, DSM TOWER, AMGR, IA AERO

CHANGES - REASONS:

1. UPDATED TAKEOFF OBSTACLE NOTES - TEMPORARY RWY 5/23 SHORTENING TO 6601 FT. BOTH THRESHOLDS MOVED FROM THEIR CURRENT POSITION.
2. REMOVED RWY 5 TEXTUAL DEPARTURE - TEMPORARY RWY 5/23 SHORTENING TO 6601 FT. BOTH THRESHOLDS MOVED FROM THEIR CURRENT POSITION.
3. REMOVED OBSTACLE MANDATING ODP ROUTE DEVELOPMENT - NO DEVELOPED ROUTE.

