

U.S. DEPARTMENT of TRANSPORTATION – FEDERAL AVIATION ADMINISTRATION
GRAPHIC DEPARTURE PROCEDURE (DP)

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

DP Name	Number	DP Computer Code	Superseded Number	Dated	Effective Date
DES MOINES	SIX	DSM6.DSM	FIVE	6/30/88	21 JUL 2016

TYPE: SID

DP ROUTE DESCRIPTION:

MAINTAIN RUNWAY HEADING; EXPECT VECTOR TO ASSIGNED ROUTE/FIX. MAINTAIN 5000 FT OR ASSIGNED LOWER ALTITUDE. EXPECT CLEARANCE TO FILED ALTITUDE 10 MINUTES AFTER DEPARTURE.
 RWY 5: CLIMB HEADING 050.82 TO 1500 BEFORE TURNING LEFT.

TRANSITION ROUTES (GRAPHIC DEPICTION ONLY):

Transition Name	Transition Computer Codes	From FIX/NAVAID	To FIX/NAVAID	Course	Distance	MEA	MOCA	Crossing Altitudes/Fixes

PROCEDURAL DATA NOTES/TAKEOFF MINIMUMS:

APPLICABLE IN RADAR ENVIRONMENT ONLY.

RWYS 5, 13, 23, 31: STANDARD

TAKEOFF OBSTACLES NOTES:

NOTE: RWY 5, NAVAID 39 FT FROM DER, 115 FT LEFT OF CENTERLINE, 16 FT AGL/936 FT MSL. RISING TERRAIN 233 FT FROM DER, 503 FT LEFT OF CENTERLINE, UP TO 941 FT MSL. VEHICLES ON ROADS BEGINNING 540 FT FROM DER, 605 FT LEFT OF CENTERLINE, UP TO 15 FT AGL/964 FT MSL. STRUCTURE 622 FT FROM DER, 588 FT LEFT OF CENTERLINE, 11 FT AGL/951 FT MSL. TREES AND POLE BEGINNING 985 FT FROM DER, 399 FT LEFT OF CENTERLINE, UP TO 100 FT AGL/1024 FT MSL. TREES AND POLES BEGINNING 2280 FT FROM DER, 219 FT RIGHT OF CENTERLINE, UP TO 100 FT AGL/1048 FT MSL. TREES BEGINNING 3567 FT FROM DER, 36 FT LEFT OF CENTERLINE, UP TO 100 FT AGL/1038 FT MSL.

NOTE: RWY 13, VEHICLES ON ROADS BEGINNING 352 FT FROM DER, 539 FT RIGHT OF CENTERLINE, 15 FT AGL/974 FT MSL. TREE 1427 FT FROM DER, 829 FT LEFT OF CENTERLINE, 100 FT AGL/1002 FT MSL. TREE 1830 FT FROM DER, 918 FT RIGHT OF CENTERLINE, 100 FT AGL/1017 FT MSL.

NOTE: RWY 23, VEHICLES ON ROADS, BEGINNING 173 FT FROM DER, LEFT AND RIGHT OF CENTERLINE, UP TO 15 FT AGL/930 FT MSL.

NOTE: RWY 31, TREE 2509 FT FROM DER, 906 FT RIGHT OF CENTERLINE, 100 FT AGL/977 FT MSL.

CONTROLLING OBSTACLES:

LOST COMMUNICATIONS PROCEDURES:

ADDITIONAL FLIGHT DATA:

CHART: TOP ALTITUDE: 5000

QUALITY
4
CHECKED

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AIRPORTS SERVED:

DES MOINES INTL

DES MOINES, IA

COMMUNICATIONS:

CLEARANCE DELIVERY AND SECTORIZED DEPARTURE CONTROL.

FIXES AND/OR NAVAIDS:

CHART NAVAIDS: FSD, GEP, SUX, FOD, MCW, DBQ, OVR, LNK, DSM, IOW, BRL, BDF, STJ, IRK, UIN, TOP, MCI VORTACS AND ALO, CID, LMN, ORD, OTM, TNU VOR/DME'S.



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REMARKS:

CHART NOT TO SCALE
DES MOINES SIX AMENDMENT DOES NOT SATISFY PERIODIC REVIEW REQUIREMENTS.

CHANGES:

CHANGED ALO VORTAC AND LMN VORTAC TO ALO VOR/DME AND LMN VOR/DME
ADDED REMARK "DES MOINES SIX AMENDMENT DOES NOT SATISFY PERIODIC REVIEW REQUIREMENTS."
UPDATED TAKEOFF OBSTACLE NOTES.
ADDED "CHART: TOP ALTITUDE: 5000.

REASONS:

TACAN ANTENNA REPLACED WITH DME.
MINOR AMENDMENT DOES NOT COUNT AS A PERIODIC REVIEW.
TO MATCH THE DES MOINES TEXTUAL DEPARTURE PROCEDURES TAKEOFF OBSTACLE NOTES.
PER CRITERIA.



DEPARTURE (DATA RECORD)

DP Name	Number	DP Computer Code	Superseded Number	Dated	Effective Date
DES MOINES	SIX	DSM6 . DSM	NONE	06/30/1988	21 JUL 2016

ARINC SUMMARY - KDSM

ROUTES

TRANSITION	WPT SEQ	WPT NAME	LEG TYPE	FB/FO	RNP	MAG CRS	REC NAV	ANGLE	TURN DIR	CENTER FIX	TURN RADIUS	ALTITUDE DESCRIPTION & VALUE	SPEED LIMIT DESCRIPTION & VALUE	WPT DESCRIPTION CODE
RW05	010		VA	FB		050.8						AA 01500		
RW05	020		VM	FB		050.8								E
RW13	010		VM	FB		129.3								E
RW23	010		VM	FB		230.8								E
RW31	010		VM	FB		309.4								E

RUNWAYS

RUNWAY	THRESHOLD LATITUDE	THRESHOLD LONGITUDE	THRESHOLD ELEVATION
RW05	N413124.12	W0934037.61	00916
RW13	N413244.18	W0934028.03	00912
RW23	N413216.62	W0933902.04	00935
RW31	N413144.28	W0933900.55	00958

QUALITY
28
CHECKED