

**FEDERAL AVIATION ADMINISTRATION
FLIGHT STANDARDS SERVICE
GRAPHIC DEPARTURE PROCEDURES (DP)**

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>DP NAME</u>	<u>NUMBER</u>	<u>DP COMPUTER CODE</u>	<u>SUPERSEDED NUMBER</u>	<u>DATED</u>	<u>EFFECTIVE DATE</u>
DES MOINES	SEVEN	DSM7.DSM	SIX	07/21/2016	10 Nov 2016
<u>TYPE:</u>	<u>OBSTACLE</u>	<u>COPTER</u>	<u>SID</u>	<u>SPECIAL</u>	<u>RNAV</u>
<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

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):

<u>TRANSITION NAME</u>	<u>TRANSITION COMPUTER CODE</u>	<u>FROM FIX/NAVAID</u>	<u>TO FIX/NAVAID</u>	<u>COURSE</u>	<u>DISTANCE</u>	<u>MEA</u>	<u>MOCA</u>	<u>CROSSING ALTITUDE/FIXES</u>
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PROCEDURAL DATA NOTES:

APPLICABLE IN RADAR ENVIROMENT ONLY.

TAKEOFF MINIMUMS:

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

AIRPORTS SERVED:

<u>AIRPORT NAME</u>	<u>CITY</u>	<u>STATE</u>
DES MOINES INTL	DES MOINES	IA

COMMUNICATIONS:

CLEARANCE DELIVERY AND SECTORIZED DEPARTURE CONTROL.

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FIXES AND/OR NAVAIDS:

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

REMARKS:

DES MOINES SEVEN AMENDMENT DOES NOT SATISFY PERIODIC REVIEW REQUIREMENTS.

FLIGHT INSPECTED BY:

FLIGHT INSPECTION NOT REQUIRED:
MANAGER, ROBERT STUCKERT

Digitally signed by

JACOB POWERS

Aug 29, 2016

OFFICE SYMBOL:

AJW-331

DATE:**DEVELOPED BY:**

JOHNNIE BAKER (CHRISTINE BAYSE)

Digitally signed by

JACOB POWERS

Aug 29, 2016

OFFICE SYMBOL:

AJV-5431

DATE:

07/29/2016

APPROVED BY:

TONY LAWSON

Digitally signed by

JACOB POWERS

Aug 29, 2016

OFFICE SYMBOL:

AJV-5420

DATE:**REQUIRED EFFECTIVE DATE:**

ROUTINE

COORDINATED WITH:

A4A

ALPA

AOPA

APA

HAI

NBAA

**OTHER:**

ZMP, ZAU, DSM APP CON, DSM ATCT, IA AERO, AMGR

CHANGES - REASONS:

CHANGED ALL REFERENCES OF MASON CITY (MCW) VORTAC TO MASON CITY (MCW) VOR/DME.- TACAN ANTENNA REPLACED WITH DME.

CHANGED ALL REFERENCES OF BURLINGTON (BRL) VORTAC TO BURLINGTON (BRL) VOR/DME.- TACAN ANTENNA REPLACED WITH DME.

CHANGED REMARK FROM "DES MOINES SIX AMENDMENT" TO "DES MOINES SEVEN AMENDMENT DOES NOT SATISFY PERIODIC REVIEW REQUIREMENTS".- MINOR AMENDMENT DOES NOT QUALIFY AS A PERIODIC REVIEW.