

**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DP Name	Number	DP Computer Code	Superseded Number	Dated	Effective Date
MITCHELL	TWO	MITCH2.MITCH	ONE	4/14/2009	

TYPE: SID

DP ROUTE DESCRIPTION:

ALL AIRCRAFT EXPECT RADAR VECTORS TO JOIN FILED/ASSIGNED ROUTE. MAINTAIN 5000 OR ASSIGNED LOWER ALTITUDE. EXPECT CLEARANCE TO REQUESTED ALTITUDE/FLIGHT LEVEL TEN MINUTES AFTER DEPARTURE.

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:

NOTE: RADAR REQUIRED.

SPECIAL INSTRUCTIONS: FOR ALL TURBOJET AIRCRAFT:

- TAKEOFF RUNWAY 1L: CLIMB HEADING 009.16 TO 2000, THEN TURN TO ASSIGNED HEADING.
- TAKEOFF RUNWAY 7R: CLIMB HEADING 073.65 TO 2000, THEN TURN TO ASSIGNED HEADING.
- TAKEOFF RUNWAY 19R: TURN TO ASSIGNED HEADING.
- TAKEOFF RUNWAY 25L: CLIMB HEADING 253.66 TO 2000, THEN TURN TO ASSIGNED HEADING.

TAKEOFF MINIMUMS: RWY 1L, 1R, 13, 19L, 19R, 25L, 25R, STANDARD. RWY 7R, 300 – 1 1/2 OR STANDARD WITH MINIMUM CLIMB OF 290 FT PER NM TO 1100.
RWY 31, 300 – 1 1/2 OR STANDARD WITH MINIMUM CLIMB OF 255 FT PER NM TO 1000.

TAKEOFF OBSTACLES NOTES:

NOTE: RWY 1L, FENCE 148 FT FROM DER, LEFT AND RIGHT OF CENTERLINE, UP TO 10 FT AGL/678 FT MSL. POLE 575 FT FROM DER, 594 FT LEFT OF CENTERLINE, 18 FT AGL/689 FT MSL. POLE 1859 FT FROM DER, 912 FT RIGHT OF CENTERLINE, 18 FT AGL/734 FT MSL. ANTENNA 1928 FT FROM DER, 1 FT RIGHT OF CENTERLINE, 15 FT AGL/ 727 FT MSL. TERRAIN BEGINNING 1671 FT FROM DER, 751 FT LEFT OF CENTERLINE, UP TO 726 FT MSL. TOWER AND POLES BEGINNING 2284 FT FROM DER, 463 FT RIGHT OF CENTERLINE, UP TO 31 FT AGL/750 FT MSL. TREES BEGINNING 2492 FT FROM DER, 901 FT LEFT OF CENTERLINE, UP TO 59 FT AGL/780 FT MSL. TREES 3256 FT FROM DER, 445 FT LEFT OF CENTERLINE, UP TO 68 FT AGL/769 FT MSL. TREES BEGINNING 3697 FT FROM DER, 154 FT RIGHT OF CENTERLINE, UP TO 84 FT AGL/776 FT MSL.

NOTE: RWY 1R, TERRAIN 11 FT FROM DER, LEFT AND RIGHT OF CENTERLINE, UP TO 673 FT MSL. ROD 581 FT FROM DER, 600 FT LEFT OF CENTERLINE, 48 FT AGL/719 FT MSL. TREE 4336 FT FROM DER, 462 FT RIGHT OF CENTERLINE, 64 FT AGL/795 FT MSL.

NOTE: RWY 7L, TERRAIN BEGINNING 177 FT FROM DER, 145 FT RIGHT OF CENTERLINE, 683 FT MSL. TERRAIN BEGINNING 61 FT FROM DER, 143 FT LEFT OF CENTERLINE, 686 FT MSL. BUILDING 319 FT FROM DER, 456 FT RIGHT OF CENTERLINE, 25 FT AGL/696 FT MSL. POLES BEGINNING 1727 FT FROM DER, 48 FT LEFT OF CENTERLINE, UP TO 60 FT AGL/751 FT MSL. TREES BEGINNING 1407 FT FROM DER, 458 FT LEFT OF CENTERLINE, UP TO 93 FT AGL/822 FT MSL. TREE 3817 FT FROM DER, 176 FT RIGHT OF CENTERLINE, 84 FT AGL/785 FT MSL.

QUALITY
4
CHECKED

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NOTE: RWY 7R, LIGHTS, SIGNS, AND TERRAIN BEGINNING 23 FT FROM DER, 85 FT LEFT OF CENTERLINE, UP TO 2 FT AGL/672 FT MSL. POLES AND RAILROAD 708 FT FROM DER, LEFT AND RIGHT OF CENTERLINE, UP TO 23 FT AGL/711 FT MSL. TREES BEGINNING 2194 FT FROM DER, 250 FT LEFT OF CENTERLINE, UP TO 71 FT AGL/742 FT MSL. TREES BEGINNING 2244 FT FROM DER, 124 FT RIGHT OF CENTERLINE, UP TO 93 FT AGL/764 FT MSL. STACK 1.2 NM FROM DER, 2099 FT RIGHT OF CENTERLINE, 215 FT AGL/930 FT MSL. STACK 1.3 NM FROM DER, 1166 FT LEFT OF CENTERLINE, 180 FT AGL/891 FT MSL.

NOTE: RWY 13, TERRAIN 19 FT FROM DER, 223 FT LEFT OF CENTERLINE, 673 FT MSL. TERRAIN 59 FT FROM DER, 152 FT RIGHT OF CENTERLINE, 673 FT MSL. POLES, TREES, AND RAILROAD BEGINNING 966 FT FROM DER, 208 FT LEFT OF CENTERLINE, UP TO 40 FT AGL/711 FT MSL. POLES, TREES, AND RAILROAD 1172 FT FROM DER, 7 FT RIGHT OF CENTERLINE, UP TO 46 FT AGL/717 FT MSL. TREES BEGINNING 2172 FT FROM DER, 208 FT LEFT OF CENTERLINE, UP TO 79 FT AGL/750 FT MSL. TREE 2227 FT FROM DER, 1035 FT LEFT OF CENTERLINE, 79 FT AGL/750 FT MSL.

NOTE: RWY 19L, TOWER 1837 FT FROM DER, 559 FT RIGHT OF CENTERLINE, 71 FT AGL/749 FT MSL.

NOTE: RWY 19R, TERRAIN BEGINNING 174 FT FROM DER, LEFT AND RIGHT OF CENTERLINE, UP TO 712 FT MSL.

NOTE: RWY 25L, ANTENNA 217 FT FROM DER, 300 FT RIGHT OF CENTERLINE, 14 FT AGL/735 FT MSL. TREE 2679 FT FROM DER, 305 FT RIGHT OF CENTERLINE, 68 FT AGL/799 FT MSL. ANTENNA AND TREE 2790 FT FROM DER, 1200 FT RIGHT OF CENTERLINE, UP TO 71 FT AGL/820 FT MSL.

NOTE: RWY 25R, POLE 604 FT FROM DER, 336 FT LEFT OF CENTERLINE, 38 FT AGL/709 FT MSL. HANGAR 625 FT FROM DER, 363 FT RIGHT OF CENTERLINE, 31 FT AGL/702 FT MSL. TREE 1297 FT FROM DER, 187 FT LEFT OF CENTERLINE, 45 FT AGL/716 FT MSL. POLE 1605 FT FROM DER, 301 FT RIGHT OF CENTERLINE, 49 FT AGL/720 FT MSL.

NOTE: RWY 31, TERRAIN 31 FT FROM DER, 70 FT RIGHT OF CENTERLINE, 676 FT MSL. FENCE 197 FT FROM DER, LEFT AND RIGHT OF CENTERLINE, UP TO 10 FT AGL/681 FT MSL. SIGN 219 FT FROM DER, 450 FT RIGHT OF CENTERLINE, 51 FT AGL/730 FT MSL. POLES 265 FT FROM DER, LEFT AND RIGHT OF CENTERLINE, UP TO 25 FT AGL/706 FT MSL. TREES BEGINNING 1362 FT FROM DER, 390 FT LEFT OF CENTERLINE, UP TO 52 FT AGL/731 FT MSL. TREES AND POLE BEGINNING 1351 FT FROM DER, 341 FT RIGHT OF CENTERLINE, UP TO 69 FT AGL/758 FT MSL. TREES AND POLE BEGINNING 2390 FT FROM DER, 345 FT RIGHT OF CENTERLINE, UP TO 56 FT AGL/775 FT MSL. TANK 1.1 NM FROM DER, 742 FT RIGHT OF CENTERLINE, 167 FT AGL/885 FT MSL.

CONTROLLING OBSTACLES:

RWY 7R: 930 FT MSL ROD ON OL STK 425648.86N/0875138.47W.

RWY 31: 885 FT MSL TANK 425819.28N/0875512.44W.

LOST COMMUNICATIONS PROCEDURES:

ADDITIONAL FLIGHT DATA:

AIRPORTS SERVED:

GENERAL MITCHELL INTL

MILWAUKEE, WI

COMMUNICATIONS:



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ATIS, CLNC DEL, GND CON, MILWAUKEE DEP CON

FIXES AND/OR NAVAIDS:

FIXES: SIBER, JAYBE

NAVAIDS: DLL VORTAC, OSH VORTAC, GRB VORTAC, MTW VOR/DME, MSN VORTAC, BAE VORTAC, LJT VOR/DME, MKG VORTAC, DBQ VORTAC, JVL VOR/DME, RFD VOR/DME, PMM VOR/DME, GRR VOR/DME, BDF VORTAC, OBK VOR/DME, GIJ VORTAC, ELX VOR/DME.

REMARKS:

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MITCHELL	TWO	MITCH2.MITCH	ONE	4/14/2009	

FLIGHT INSPECTED BY:

REQUIRED EFFECTIVE DATE:

ROUTINE

DEVELOPED BY:

JILL OLSON
(STEVEN NELSON)

AJV-353

01/31/2012

APPROVED BY:

LARRY STROUT
MANAGER

AJV-353

COORDINATED WITH:

ALPA, AOPA, NBAA, APA, ZMP, ZAU, MKE APP CON/ATCT, AMGR

CHANGES:

1. RWY 7R TAKEOFF MINIMUMS CHANGED TO 300-1½ OR STANDARD WITH A MINIMUM CLIMB OF 290' PER NM TO 1100.
2. RWY 31 TAKEOFF MINIMUMS CHANGED TO 300-1½ OR STANDARD WITH A MINIMUM CLIMB OF 255' PER NM TO 1000.
3. TAKOFF OBSTACLES UPDATED.

REASONS:

- 1-3. UPDATED TO COINCIDE WITH TAKE-OFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURE, AMDT 8.

RADIO FIX AND HOLDING DATA RECORD

NAME: JAYBE STATE: WI COUNTRY: US
 LATITUDE/LONGITUDE: 423839.36N/0883819.60W TYPE: INT, DME
 AIRSPACE DOCKET: FIX TYPE OF ACTION: MODIFY

FIX MAKE-UP FACILITIES:		IDENT	TYPE	CLASS	MAG BRG	TRUE BRG	DME	DIST FROM FAC		MRA	MAA
FAC	NAME							NM	FEET		
1	JANESVILLE	JVL	VOR/DME	L	072.79	075.79	21.31			3000	17500
2	BADGER	BAE	VORTAC	H	207.00	209.00	32.37			3000	17500

HOLDING: HOLDING TYPE OF ACTION: NO CHANGE

FIX USE:	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
USE TYPE						WI (US)
DP	MITCHELL DEPARTURE	1, 2		KMKE	MILWAUKEE	(US)
EN ROUTE	V216	1, 2				

REQUIRED CHARTING: DP, CONTROLLER, EN ROUTE LOW

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 2 DATE OF REVISION: 07/02/2009

REASON FOR REVISION:
 BLOCK 1A, FACILITY 1 RADIAL/COURSE/BEARING FROM 073.00 (076.00) TO 072.79 (075.79) AND DME DISTANCE FROM 22.00 TO 21.31 NM.
 FACILITY 2 DME DISTANCE FROM 33.00 TO 32.37 NM.
 BLOCK 1B, LEAST DIVERGENCE ANGLE FROM 46 TO 47.
 BLOCK 1C, AIR/GROUND COMMUNICATIONS FROM ALTITUDE FROM 2500 TO 3000
 BLOCK 1E, ADD DEPARTURE.
 BLOCK 3, ADD FIX USE INFO, AMENDED LAT/LONG FROM 423839.25N/0883819.77W TO 423839.36N/0883819.60W.
 BLOCK 5, ADD DP PRESENT AND REQUESTED.

DEVELOPED BY: DATE: 01/29/2009 OFFICE: AVN-120 NAME: JERRY MCCULLOUGH
 APPROVED BY: DATE: 04/14/2009 OFFICE: AVN-120 NAME: SUE CRUMB

SIGNATURE:

DISTRIBUTION: NFDC
 FPO: CEN
 ARTCC: ZAU
 ATC FACILITY:
 OTHER:

"INFO ONLY"

RADIO FIX AND HOLDING DATA RECORD

NAME: SIBER

STATE: WI

COUNTRY: US

LATITUDE/LONGITUDE: 430804.85N/0902333.64W

TYPE: DME

AIRSPACE DOCKET:

FIX TYPE OF ACTION: MODIFY

FIX MAKE-UP FACILITIES:

FAC	NAME	IDENT	TYPE	CLASS	MAG BRG	TRUE BRG	DME	DIST FROM FAC NM	FEET	MRA	MAA
1	NODINE	ODI	VORTAC	H	133.46	134.46	66.17			18000	45000

HOLDING:

HOLDING TYPE OF ACTION: MODIFY

PATTERNS:

PAT	DIR	IDENT	TYPE	RAD/CRS/BRG	CRS INBOUND	TURN (L OR R)	LEG LENGTH TIME	HOLDING DME	ALTITUDES MIN	MAX	TEMPLATES MIN	MAX
1	SE	ODI	VORTAC	133.46	313.46	L		11	18000	30000		24
2	NW	ODI	VORTAC	133.46	133.46	L		7	18000	30000		24

REASON FOR NONSTANDARD HOLDING:

PAT 1 TO PROVIDE LATERAL SEPARATION FROM OTHER HOLDING PATTERNS AND ROUTES

REMARKS:

CHART HOLDING PATTERN 2 ONLY.
HOLDING LIMITED TO ESTABLISHED PATTERN.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE (US)
EN ROUTE	J30, J16	1	1, 2	KMKE	MILWAUKEE	WI (US)
IAP	MITCHELL DEPARTURE	1				

REQUIRED CHARTING: DP, CONTROLLER, EN ROUTE HIGH

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 1

DATE OF REVISION: 07/02/2009

REASON FOR REVISION:

BLOCK 1A, UPDATED RADIAL FROM 130.00 (131.00) TO 133.46 (134.46) AND DISTANCE FROM 66.00 TO 66.17 NM.
 BLOCK 1E, ADDED DEPARTURE TO FIX USE.
 BLOCK 2A, UPDATED RADIAL OUTBOUND AND COURSE INBOUND TO REFLECT RADIAL UPDATE IN BLOCK 1A.
 TIME/DME OUTBOUND, DELETED TIME AND CHANGED DME DISTANCE FROM PAT 1-13/PAT 2-13 TO PAT 1-11/PAT 2-7 IN ACCORDANCE WITH 7130.3A APPENDIX 1 AND 2 RESPECTIVELY, FIX IS DME ONLY.
 BLOCK 4B, UPDATED PATTERN 1 AND 2 FROM LOW 21 TO HIGH 24.
 BLOCK 5, ADDED E/R HIGH HOLDING AND DP PRESENT AND REQUESTED TO CHART PUBLICATION AND UPDATED CHART NOTE.
 BLOCKS 2B AND 4B CHANGED HOLDING SPEED FROM 230K TO 265K

DEVELOPED BY: DATE: 01/29/2009 OFFICE: AVN-120 NAME: JERRY MCCULLOUGH

APPROVED BY: DATE: 04/14/2009 OFFICE: AVN-120 NAME: SUE CRUMB

SIGNATURE:

DISTRIBUTION: NFDC
 FPO: CEN
 ARTCC: ZAU
 ATC FACILITY:
 OTHER: