

**FEDERAL AVIATION ADMINISTRATION
FLIGHT STANDARDS SERVICE
RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE
TITLE 14 CFR PART 97.33**

Bearings, headings, courses, tracks and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated.
Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or feet RVR.

AIRPORT ID GDW	PROCEDURE NAME RNAV (GPS) RWY 27	ORIGINAL/AMENDMENT 1	CITY GLADWIN	STATE MI
AIRPORT ELEVATION 774	TDZE 773	SUPERSEDED RNAV (GPS) RWY 27	DATED 04/20/2023	MAG VAR 4W
FACILITY RNAV	COORDINATES OF FACILITIES	ACTUAL EFFECTIVE DATE	REQUIRED EFFECTIVE DATE ROUTINE	EPOCH YEAR 1980
		ORIG-D	CANCEL/SUSPEND	

TERMINAL ROUTES

FROM	FIX TYPE	TO	FIX TYPE	LEG TYPE	FO/FB	RNP	COURSE	DISTANCE	ALTITUDE
BANJO		WELVI		TF	FO	1.00	176.93	7.85	3000
MBS VOR/DME	IAF	WELVI	NOPT	TF	FB	1.00	357.00	27.15	3000
WELVI	IF/IAF	JIDUM		TF	FB	1.00	271.91	7.89	2600
JIDUM	FAF	GATIS/2.51 NM TO RW27		TF	FB	0.30	271.79	3.10	
GATIS/2.51 NM TO RW27		RW27	MAP	TF	FO	0.30	271.79	2.51	
RW27	MAP	1300 MSL		CA			271.79		1300
1300 MSL		WHIPP		DF	FO	1.00			2600

MISSED APPROACH

MAP:

LP: RW27
LNAV: RW27

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 1300 THEN CLIMBING LEFT TURN TO 2600 DIRECT WHIPP AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:

PROFILE:

- PT** **SIDE OF COURSE** **OUTBOUND** **FT WITHIN** **MILES OF** (IAF)
- HOLD E WELVI, RT, 271.91 INBOUND, 3000 FT. IN LIEU OF PT (IAF), MAX 6000.
- FAC:** 271.79 **FAF:** JIDUM **DIST FAF TO MAP:** 5.61 **DIST FAF TO THLD:** 5.61
- MIN ALT:** WELVI 3000, JIDUM 2600, GATIS/2.51 NM TO RW27 1600
- DIST TO THLD FROM OM:** **MM:** **IM:** **150 HAT:** **GS ANT:**
- MIN GP INCPT:** **GP ALT AT FAF:** **OM:** **MM:** **IM:**
- GP ANGLE:** **34:1:** IS NOT CLEAR **20:1:** IS NOT CLEAR **TCH:**
- MSA FROM:** RW27 3300



PBN REQUIREMENTS NOTE:

RNP APCH - GPS.

NOTES:

CHART NOTE: PROCEDURE NA AT NIGHT.
 CHART NOTE: RWY 27 HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED.
 CHART NOTE: CIRCLING NA TO RWYS 15 AND 33.
 CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVAL ON MBS VOR/DME AIRWAY RADIALS 284 CW 016.
 CHART NOTE: USE MOP ALTIMETER SETTING; WHEN NOT RECEIVED, USE IKW ALTIMETER SETTING AND INCREASE ALL MDAS 20 FEET; INCREASE LP AND LNAV CAT C/D VISIBILITY 1/8 SM.

ADDITIONAL FLIGHT DATA:

CHART MOP AWOS-3
 HOLD NW, RT, 141.46 INBOUND.
 CHART FAS OBST: 877 TREE (26-047958) 435818N/0842646W.
 FAS OBST: 885 TREE 435848N/0842809W.
 WAAS CHANNEL # 99326
 REFERENCE PATH ID: W27A
 JIDUM TO RW27: 3.00/40.
 LTP HAE: 201.1 M

MINIMUMS:

TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT

ALTERNATE: NA

CATEGORY:	A			B			C			D			E		
FINAL TYPE	DA/MDA	VIS	HAT/HAA	DA/MDA	VIS	HAT/HAA	DA/MDA	VIS	HAT/HAA	DA/MDA	VIS	HAT/HAA	DA/MDA	VIS	HAT/HAA
LP MDA	1200	1	427	1200	1	427	1200	1 1/4	427	1200	1 1/4	427			
LNAV MDA	1200	1	427	1200	1	427	1200	1 1/4	427	1200	1 1/4	427			
CIRCLING	1360	1	586	1480	1	706	1520	2 1/4	746	1700	3	926			

CHANGES - REASONS

1. TERMINAL ROUTES: REMOVED MOP VOR/DME SEGMENT – MON NTL PROGRAM.
2. TERMINAL ROUTES: ADDED "GATIS/2.51 TO RW27" STEPDOWN AND DISTANCES OF "3.10/2.51" TO LP AND LNAV FINALS – LOWERED MINIMUMS.
3. CHANGED CA FROM "1174" TO "1300" – PROCEDURE REDESIGNED IAW 82160.58C.
4. MISSED APPROACH: CHANGED FROM "CLIMBING LEFT TURN TO 2600 DIRECT WHIPP AND HOLD" TO "CLIMBING TO 1300 THEN CLIMBING LEFT TURN TO 2600 DIRECT WHIPP AND HOLD" - PROCEDURE REDESIGNED IAW 82160.58C.
5. PROFILE LINE 2: ADDED "MAX 6000" – PER ATC, IAW 8260.19J 8-6-7B(2).
6. PROFILE LINE 4: ADDED "GATIS/2.51 NM TO RW27 1600" – LOWERED MINIMUMS.
7. REMOVED "CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVAL ON MOP VOR/DME AIRWAY RADIALS 336 CW 106" – SEGMENT REMOVED, MON NTL PROGRAM.
8. CHANGED "CHART NOTE: USE MOUNT PLEASANT ALTIMETER SETTING; WHEN NOT RECEIVED, USE MIDLAND ALTIMETER SETTING AND INCREASE ALL MDA 20 FEET; INCREASE LP AND LNAV CATS C/D VISIBILITY 1/8 SM." TO "CHART NOTE: USE MOP ALTIMETER SETTING; WHEN NOT RECEIVED, USE IKW ALTIMETER SETTING AND INCREASE ALL MDAS 20 FEET; INCREASE LP AND LNAV CAT C/D VISIBILITY 1/8 SM" – CURRENT DOCUMENTATION STANDARDS.
9. ADDITIONAL FLIGHT DATA: ADDED "CHART MOP AWOS-3" – PRIMARY ALTIMETER IS REMOTE.
10. ADDITIONAL FLIGHT DATA: CHANGED "FAS OBST: 954 AAO 435829N/0842316W" TO "FAS OBST: 885 TREE 435848N/0842809W", ADDED "CHART FAS OBST: 877 TREE (26-047958) 435818N/0842646W" – NEW CONTROLLING OBSTACLES.
11. MINIMUMS: LOWERED LP AND LNAV MDA/HAT/CATC/D VIS FROM "1280/507/1 3/8 SM" TO "1200/427/1 1/8 SM" – INSERTED STEPDOWN AT GATIS.
12. MINIMUMS, LOWERED CIRCLING CAT A/B MDA/HAA FROM "1420/646" TO "1360/586" AND "1500/726" TO "1480/706" - NEW CONTROLLING OBSTACLES.
13. FAS DATA: CHANGED LTP/FTP LONGITUDE FROM "0842754.1185W" TO "0842754.1170W" – UPDATED AIRNAV DATA INCORPORATED.
14. FAS DATA: CHANGED FPAP LATITUDE FROM "435816.5500N" TO "435816.5480N" - UPDATED AIRNAV DATA INCORPORATED.
15. FAS DATA: CHANGED CRC REMAINDER FROM "16837A50" TO "A77AC295" – LTP/FTP AND FPAP LATITUDE CHANGED.



COORDINATED WITH:

A4A ALPA AOPA APA HAI NBAA

OTHER: ZOB, ZMP, MPS APP CON, AMGR

FLIGHT CHECKED BY

OFFICE

DATE

DEVELOPED BY

CASIMIR L. TABAKA (ROBERT A. SWINSON)

Digitally signed by

CASIMIR L TABAKA

Jan 30, 2025

OFFICE

AJV-A432

DATE

09/24/2024

APPROVED BY

CASIMIR L. TABAKA

Digitally signed by

CASIMIR L TABAKA

Jan 30, 2025

OFFICE

AJV-A432

DATE

TITLE
MANAGER

FAS DATA BLOCK INFORMATION

<u>DATA FIELD</u>	<u>DATA</u>
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KGDW
RUNWAY	RW27
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W27A
LTP/FTP LATITUDE	435820.1360N
LTP/FTP LONGITUDE	0842754.1170W
LTP/FTP ELLIPSOIDAL HEIGHT	+02011
FPAP LATITUDE	435816.5480N
FPAP LONGITUDE	0842957.4000W
THRESHOLD CROSSING HEIGHT (TCH)	00040.0
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	1320
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	00.0
CRC REMAINDER	A77AC295

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K5
LTP ORTHOMETRIC HEIGHT	+02355
FPAP ORTHOMETRIC HEIGHT	+02355



**FEDERAL AVIATION ADMINISTRATION
FLIGHT STANDARDS SERVICE
STANDARD INSTRUMENT APPROACH PROCEDURE DATA RECORD**

<u>AIRPORT ID</u> GDW	<u>PROCEDURE NAME</u> RNAV (GPS) RWY 27	<u>AMDT NO.</u> 1	<u>CITY</u> GLADWIN	<u>STATE</u> MI	<u>AIRPORT ELEVATION</u> 774	<u>FACILITY</u> RNAV
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PART A: OBSTRUCTION DATA SEGMENTS

FEEDER

<u>FROM</u> BANJO	<u>TO</u> WELVI
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<u>RNP</u> 1.00	<u>DISTANCE</u> 7.85	<u>PAT</u>	<u>MAP</u>	<u>HAT</u>	<u>HMAS</u>
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OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
TOWER (26-002975)	435856.00N/0840947.00W	1064	250	50	4D	1000				AT936	3000
TERRAIN	440015.00N/0840742.00W	836 (800)								AS1500	2300

COMPUTATIONS

<u>ALT</u>	<u>KIAS</u>	<u>KTAS</u>	<u>HAA</u>	<u>VKTW</u>	<u>TR</u>	<u>BA</u>	<u>DTA</u>	<u>COURSE CHANGE</u>	<u>DVEB</u>	<u>VEB OCS</u>	<u>RF CENTER FIX/DISTANCE</u>
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SEGMENT REMARKS:

INITIAL

<u>FROM</u> MBS VOR/DME	<u>TO</u> WELVI
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<u>RNP</u> 1.00	<u>DISTANCE</u> 27.15	<u>PAT</u>	<u>MAP</u>	<u>HAT</u>	<u>HMAS</u>
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OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
TOWER (26-001374)	435046.00N/0840532.00W	1248	500	50	5D	1000				AT752	3000
TERRAIN	435830.00N/0840918.00W	843 (800)								AS1500	2300

COMPUTATIONS

<u>ALT</u>	<u>KIAS</u>	<u>KTAS</u>	<u>HAA</u>	<u>VKTW</u>	<u>TR</u>	<u>BA</u>	<u>DTA</u>	<u>COURSE CHANGE</u>	<u>DVEB</u>	<u>VEB OCS</u>	<u>RF CENTER FIX/DISTANCE</u>
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SEGMENT REMARKS:



AIRPORT ID
GDW

PROCEDURE NAME
RNAV (GPS) RWY 27

AMDT NO.
1

CITY
GLADWIN

STATE
MI

AIRPORT ELEVATION
774

FACILITY
RNAV

INTERMEDIATE

FROM
WELVI (IF/IAF)

TO
JIDUM

RNP
1.00

DISTANCE
7.89

PAT

MAP

HAT

HMAS

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
TOWER (26-002975)	435856.00N/0840947.00W	1064	250	50	4D	500				AT1036	2600
TERRAIN	435830.00N/0840918.00W	843 (800)								AS1500	2300

COMPUTATIONS

ALT KIAS KTAS HAA VKTW TR BA DTA COURSE CHANGE DVEB VEB OCS RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

FINAL: LP

FROM
JIDUM

TO
GATIS/2.51 NM TO RW27

RNP
0.30

DISTANCE
3.10

PAT

MAP

HAT

HMAS

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
AAO	435842.00N/0842321.00W	952	215	8	4B	250				RA78 DG320	1600

COMPUTATIONS

ALT KIAS KTAS HAA VKTW TR BA DTA COURSE CHANGE DVEB VEB OCS RF CENTER FIX/DISTANCE

SEGMENT REMARKS:



AIRPORT ID
GDW

PROCEDURE NAME
RNAV (GPS) RWY 27

AMDT NO.
1

CITY
GLADWIN

STATE
MI

AIRPORT ELEVATION
774

FACILITY
RNAV

FINAL: LP STEPDOWN

FROM
GATIS/2.51 NM TO RW27

TO
RW27

RNP
0.30

DISTANCE
2.51

PAT

MAP
RW27

HAT
427

HMAS

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
TREE (26-047958)	435818.00N/0842646.03W	877	20	3	1A	250				RA58	1200

COMPUTATIONS

ALT KIAS KTAS HAA VKTW TR BA DTA COURSE CHANGE DVEB VEB OCS RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

FINAL: LNAV

FROM
JIDUM

TO
GATIS/2.51 NM TO RW27

RNP
0.30

DISTANCE
3.10

PAT

MAP

HAT

HMAS

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
AAO	435842.00N/0842321.00W	952	215	8	4B	250				RA78 DG320	1600

COMPUTATIONS

ALT KIAS KTAS HAA VKTW TR BA DTA COURSE CHANGE DVEB VEB OCS RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

FINAL: LNAV STEPDOWN

FROM
GATIS/2.51 NM TO RW27

TO
RW27

RNP
0.30

DISTANCE
2.51

PAT

MAP
RW27

HAT
427

HMAS

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
TREE	435848.00N/0842809.00W	885	215	8	4B	250				RA58	1200

COMPUTATIONS

ALT KIAS KTAS HAA VKTW TR BA DTA COURSE CHANGE DVEB VEB OCS RF CENTER FIX/DISTANCE

SEGMENT REMARKS:



AIRPORT ID
GDW

PROCEDURE NAME
RNAV (GPS) RWY 27

AMDT NO.
1

CITY
GLADWIN

STATE
MI

AIRPORT ELEVATION
774

FACILITY
RNAV

HOLD-IN-LIEU OF PT

FROM
WELVI **TO**
P-5

RNP **DISTANCE** **PAT** **MAP** **HAT** **HMAS**
P-5

<u>OBSTRUCTION</u>	<u>COORDINATES</u>	<u>ELEV MSL</u>	<u>HORZ</u>	<u>VERT</u>	<u>AC</u>	<u>ROC</u>	<u>OCS</u>	<u>CG</u>	<u>CGTA</u>	<u>ADJUSTMENTS</u>	<u>MIN ALT</u>
TOWER (26-001584)	435551.50N/0840835.00W	1083	250	50	4D	1000				AT917	3000
TERRAIN	440345.00N/0840539.00W	866 (900)								AS1500	2400

COMPUTATIONS

ALT KIAS KTAS HAA VKTW TR BA DTA COURSE CHANGE DVEB VEB OCS RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

MISSED APPROACH: LP

FROM
RW27 **TO**
WHIPP

RNP **DISTANCE** **PAT** **MAP** **HAT** **HMAS**
0.30-1.00 1042

<u>OBSTRUCTION</u>	<u>COORDINATES</u>	<u>ELEV MSL</u>	<u>HORZ</u>	<u>VERT</u>	<u>AC</u>	<u>ROC</u>	<u>OCS</u>	<u>CG</u>	<u>CGTA</u>	<u>ADJUSTMENTS</u>	<u>MIN ALT</u>
							ASC				2600
TOWER (26-001722)	435716.82N/0843258.10W	1323	20	10	1B	1000					2400
TERRAIN	435827.00N/0843112.00W	921 (900)								AS1500	2400

COMPUTATIONS

ALT KIAS KTAS HAA VKTW TR BA DTA COURSE CHANGE DVEB VEB OCS RF CENTER FIX/DISTANCE

SEGMENT REMARKS:



AIRPORT ID
GDW

PROCEDURE NAME
RNAV (GPS) RWY 27

AMDT NO.
1

CITY
GLADWIN

STATE
MI

AIRPORT ELEVATION
774

FACILITY
RNAV

MISSED APPROACH: LNAV

FROM RW27 **TO** WHIPP

RNP 0.30 **DISTANCE** **PAT** **MAP** **HAT** **HMAS** 1042

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
							ASC				2600
TOWER (26-001722)	435716.82N/0843258.10W	1323	20	10	1B	1000					2400
TERRAIN	435827.00N/0843112.00W	921 (900)								AS1500	2400

COMPUTATIONS

ALT **KIAS** **KTAS** **HAA** **VKTW** **TR** **BA** **DTA** **COURSE CHANGE** **DVEB** **VEB OCS** **RF CENTER FIX/DISTANCE**

SEGMENT REMARKS:

CIRCLING ALL CATS CAT A CAT B CAT C CAT D CAT E NOT AUTHORIZED

OBSTRUCTION	COORDINATES	RADIUS	HAA	ELEV MSL	HORZ	VERT	AC	ROC	OCS	ADJUSTMENTS	MIN ALT
CATEGORY A											
TANK (26-020249)	435828.09N/0843017.52W	1.30	586	994	20	3	1A	300		RA58	1360
CATEGORY B											
TOWER (26-024711)	435828.11N/0843111.93W	1.83	706	1118	20	3	1A	300		RA58	1480
CATEGORY C											
TOWER (26-001958)	440100.67N/0842908.50W	2.88	746	1160	50	20	2C	300		RA58	1520
CATEGORY D											
TOWER (26-001722)	435716.82N/0843258.10W	3.76	926	1323	20	10	1B	300		RA58	1700

CIRCLING REMARKS:

MSA

CENTER RW27 **RADIUS** 25

SECTOR	OBSTRUCTION	COORDINATES	BEARING	DISTANCE	ELEV MSL	HORZ	VERT	AC	ROC	OCS	ADJUSTMENTS	MIN ALT
360-360	TWR (26-001394)	441720.73N/0844432.42W	332	22.5	2202	100	20	3C	1000			3300

MSA REMARKS:



AIRPORT ID
GDW

PROCEDURE NAME
RNAV (GPS) RWY 27

AMDT NO.
1

CITY
GLADWIN

STATE
MI

AIRPORT ELEVATION
774

FACILITY
RNAV

NOTES/EXPLANATIONS FROM PROCEDURE SEGMENTS:

PART B: SUPPLEMENTAL DATA

COMMUNICATIONS WITH

LAN FSS, MBS APP CON, ZOB ARTCC

WX SERVICE AWOS-3	LOCATION MOP	HRS OPERATION 24	ALTIMETER SOURCE MOP	DISTANCE 23.84	WMSCR Y	ADJUSTMENTS 58
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BACK-UP WX SERVICE AWOS-3	LOCATION IKW	HRS OPERATION 24	ALTIMETER SOURCE IKW	DISTANCE 20.59	WMSCR Y	ADJUSTMENTS 69
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WX REMARKS:

RASS: PRESSURE PATTERNS THE SAME
GDW 744, MOP 755
RA = 57.6
GDW 744, IKW 624
RA = 68.5 - 57.6 = 10.9

PRIMARY NAVAID	MONITOR POINT	HRS OPERATION	CAT
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APPROACH AND RUNWAY LIGHTING SYSTEM	RUNWAY MARKINGS	RUNWAY VISUAL RANGE
RW33		
RW15		
RW09 - MIRL (PCL), REIL (PCL), PAPI-4L (PCL)	NPI-G	
RW27 - MIRL (PCL), REIL (PCL), PAPI-4L (PCL)	NPI-G	

GLIDESLOPE ANGLE 3.00	ELEV RWY THRESHOLD 772.7	TCH 40.0	ELEV GS ANTENNA	DISTANCE FROM RWY	VGSI ANGLE 3.00	TCH 42.4
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FINAL APPROACH COURSE AIMING

RUNWAY THRESHOLD	<input checked="" type="checkbox"/>	FT FROM THRESHOLD	DISPLACED THRESHOLD DISTANCE
ON CENTERLINE	<input checked="" type="checkbox"/>	FT FROM CENTERLINE	

CRITICAL TEMPERATURES

CRITICAL LOW	CRITICAL HIGH	ACT	APT ISA
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CRITICAL TEMPERATURE REMARKS:

"VISUAL PORTION OF FINAL" PENETRATIONS

FINAL TYPE	CIRCLING RWY 15
20:1	
774 TERRAIN (26-137003) 435818.24N/0842845.75W (1.07)	



FINAL TYPE	CIRCLING RWY 27	
20:1		
838 TREE (26-047742) 435818.58N/0842735.64W (8.11)		
FINAL TYPE	CIRCLING RWY 33	
20:1		
825 TREE (26-135882) 435747.52N/0842823.42W (34.76)		818 TREE (26-136207) 435747.29N/0842823.76W (27.18)
814 TREE (26-137828) 435744.85N/0842822.94W (10.65)		813 TREE (26-136127) 435745.14N/0842821.26W (8.57)
811 TREE (26-137699) 435745.48N/0842821.17W (8.02)		816 TREE (26-137244) 435743.75N/0842822.98W (7.6)
773 TREE (26-137670) 435750.14N/0842829.58W (3.87)		
FINAL TYPE	CIRCLING RWY 9	
20:1		
839 TREE (26-048686) 435815.61N/0842913.93W (20.11)		862 TREE (26-040106) 435821.16N/0842922.57W (12.68)
846 TREE (26-037833) 435813.93N/0842918.00W (11.9)		827 TREE (26-045816) 435815.22N/0842914.93W (4.38)
876 TREE (26-037477) 435819.64N/0842928.87W (3.35)		776 TREE (26-137426) 435819.63N/0842901.57W (3.09)
851 TREE (26-040105) 435820.59N/0842922.50W (1.82)		862 TREE (26-046645) 435815.30N/0842925.59W (0.45)
FINAL TYPE	LP, LNAV	
20:1		
838 TREE (26-047742) 435818.58N/0842735.64W (8.11)		
FINAL TYPE	LP, LNAV	
34:1		
837 TREE (26-047869) 435817.96N/0842733.64W (26.43)		837 TREE (26-047864) 435821.61N/0842731.85W (22.15)
833 TREE (26-047867) 435819.43N/0842732.20W (19.16)		833 TREE (26-047866) 435820.14N/0842732.21W (19.1)
832 TREE (26-098445) 435822.78N/0842732.60W (18.62)		828 TREE (26-047868) 435822.54N/0842732.59W (14.63)
830 TREE (26-047799) 435816.90N/0842730.95W (13.78)		832 TREE (26-038288) 435822.57N/0842729.59W (12.18)
817 TREE (26-039963) 435818.53N/0842735.75W (10.9)		809 TREE (26-039986) 435822.14N/0842738.62W (8.64)
816 TREE (26-135408) 435822.49N/0842734.97W (7.75)		825 TREE (26-047798) 435820.90N/0842730.63W (7.61)
851 TREE (26-136693) 435821.12N/0842718.46W (7.43)		806 TREE (26-137146) 435818.97N/0842739.20W (7.26)
806 TREE (26-039987) 435818.18N/0842738.90W (6.71)		815 TREE (26-135860) 435820.23N/0842734.81W (6.68)
825 TREE (26-047796) 435822.87N/0842730.05W (6.13)		805 TREE (26-135517) 435818.25N/0842739.08W (6.09)
805 TREE (26-136366) 435819.13N/0842738.69W (5.15)		806 TREE (26-136562) 435818.95N/0842738.00W (4.69)
804 TREE (26-047812) 435819.69N/0842738.96W (4.66)		848 TREE (26-048075) 435820.08N/0842718.48W (4.6)
804 TREE (26-137360) 435818.95N/0842738.56W (3.89)		813 TREE (26-135853) 435822.40N/0842734.53W (3.82)
810 TREE (26-047741) 435823.71N/0842735.57W (2.9)		810 TREE (26-137542) 435819.88N/0842735.00W (2.13)
805 TREE (26-039985) 435820.76N/0842737.31W (1.99)		808 TREE (26-136539) 435819.73N/0842735.65W (1.54)
802 TREE (26-136852) 435818.78N/0842738.37W (1.5)		808 TREE (26-136644) 435820.54N/0842735.50W (1.12)



AIRPORT ID
GDW

PROCEDURE NAME
RNAV (GPS) RWY 27

AMDT NO.
1

CITY
GLADWIN

STATE
MI

AIRPORT ELEVATION
774

FACILITY
RNAV

810 TREE (26-135694) 435822.08N/0842734.47W (0.73)

841 TREE (26-136021) 435819.92N/0842719.80W (0.45)

808 TREE (26-047873) 435822.97N/0842735.20W (0.19)

PENETRATIONS REMARKS:

HELICOPTER 'VISUAL PORTION OF FINAL' PENETRATIONS

and/or

5280-FT "PROCEED VFR" SEGMENT LEVEL SURFACE AREA PENETRATIONS

PENETRATIONS REMARKS:

PART C: GENERAL REMARKS:

VDP NOT ESTABLISHED - OBSTACLES PENETRATE THE 20:1 SURFACE, PRIMARY ALTIMETER IS REMOTE.

PRECIPITOUS TERRAIN EVALUATION COMPLETED. 100 FT VEGETATION USED PER FPT.

CIRCLING NA TO RWYS 15/33 - TURF RUNWAY.

ORDER 8260.3, CHAPTER 2, NEW CIRCLING CRITERIA APPLIED.

PART D: AIRSPACE

DOCKET #

ALL DISTANCES TO 1/100NM; ELEVATION TO NEAREST 100 FEET; COORDINATES TO 1/100 SECOND; DEG TO 1/100 DEGREE

DISTANCE FROM	THLD	TO 1000FT POINT	2.94
WIDTH OF	FINAL	SEGMENT AT 1000FT POINT	1.20
TRUE COURSE OF	FINAL	SEGMENT CONTAINING 1000FT POINT	267.79
HIGH TERRAIN IN	FINAL	SEGMENT CONTAINING 1000FT POINT	800
DISTANCE FROM	THLD	TO 1500FT POINT	5.01
WIDTH OF	FINAL	SEGMENT AT 1500FT POINT	1.57
TRUE COURSE OF	FINAL	SEGMENT CONTAINING 1500FT POINT	267.79
HIGH TERRAIN IN	FINAL	SEGMENT CONTAINING 1500FT POINT	800

THRESHOLD COORDINATES (IF STR-IN)

435820.14N/0842754.12W

ARP COORDINATES

435814.12N/0842830.07W

RUNWAY APCH END AND DIST FURTHEST FROM ARP

RUNWAY 27 DISTANCE 0.44 NM

FAF COORDINATES

435833.36N/0842008.15W

FIX NAME COORDINATES

REMARKS

PART E: PREPARED BY

NAME
CASIMIR L. TABAKA (ROBERT A. SWINSON)

OFFICE
AJV-A432

DATE
09/24/2024

TITLE
AERONAUTICAL INFORMATION SPECIALIST

