

US DEPARTMENT OF TRANSPORTATION FEDERAL AVIATION ADMINISTRATION							RNAV - STANDARD INSTRUMENT APPROACH PROCEDURE TITLE 14 CFR PART 97.33									Bearings, headings, courses, 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 in feet RVR.					
TERMINAL ROUTES												MISSED APPROACH									
FROM			TO			COURSE AND DISTANCE			ALTITUDE			LP: RW27 LNAV: RW27									
MOP VOR/DME			WELVI (TF) (FO) (RNP 2.00)			053.53 / 33.23			3000			CLIMBING LEFT TURN TO 2600 DIRECT WHIPP AND HOLD.									
BANJO			WELVI (TF) (FO) (RNP 2.00)			176.93 / 7.85			3000												
MBS VOR/DME (IAF)			WELVI (NOPT) (TF) (FB) (RNP 1.00)			357.00 / 27.15			3000			ADDITIONAL FLIGHT DATA: HOLD NW, RT, 141.46 INBOUND. FAS OBST: 954 AAO 435829N/0842316W. WAAS CHANNEL # 99326 REFERENCE PATH ID: W27A JIDUM TO RW27: 3.00/40 LTP HAE: 201.1 M									
WELVI (IF/IAF)			JIDUM (TF) (FB) (RNP 1.00)			271.91 / 7.89			2600												
JIDUM (FAF)			RW27 (MAP) (TF) (FO) (RNP 0.30)			271.79 / 5.61															
(SEE FORM 8260-10)																					
1. PT _____ SIDE OF COURSE _____ OUTBOUND _____ FT WITHIN _____ MILES OF _____ (IAF)																					
2. HOLD E WELVI, RT, 271.91 INBOUND, 3000 FT. IN LIEU OF PT (IAF)																					
3. FAC: 271.79 FAF: JIDUM DIST FAF TO MAP: 5.61 THLD: 5.61																					
4. MIN. ALT: WELVI 3000, JIDUM 2600																					
5. DIST TO THLD FROM OM: _____ MM: _____ IM: _____ 150 HAT: _____ 100 HAT: _____ GS ANT: _____																					
6. MIN GS INCPT: _____ GS ALT AT: _____ OM: _____ MM: _____ IM: _____																					
7. GS ANGLE: _____ TCH: 20:1 IS NOT CLEAR 34:1 IS NOT CLEAR																					
8. MSA FROM: RW27 3300												MAG VAR: 4W			EPOCH YEAR: 1980						
MINIMUMS																					
TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT												ALTERNATE: N A			X						
CATEGORY ==>		A			B			C			D			E							
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA						
LP MDA	1280	1	507	1280	1	507	1280	1 3/8	507	1280	1 3/8	507									
LNAV MDA	1280	1	507	1280	1	507	1280	1 3/8	507	1280	1 3/8	507									
CIRCLING	1420	1	646	1500	1	726	1500	2	726	1500	2 1/4	726									
NOTES: CHART NOTE: CIRCLING NA TO RWYS 15 AND 33. CHART NOTE: RWY 27 HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED. CHART NOTE: DME/DME RNP-0.3 NA. CHART NOTE: PROCEDURE NA AT NIGHT. (CONTINUED ON PAGE 2)																					
CITY AND STATE GLADWIN, MI				ELEVATION: 774 TDZE: 773 AIRPORT NAME: GLADWIN ZETTEL MEMORIAL				FACILITY IDENTIFIER: RNAV		PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 27, ORIG-B 29 MARCH 2018						SUP: AMDT: ORIG-A DATED 05/28/2015					



US DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION
RNAV - STANDARD
INSTRUMENT APPROACH PROCEDURE - TITLE 14 CFR PART 97.33

Bearings, headings, courses, 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 in feet RVR.

TERMINAL ROUTES, (CONT.):

FROM	TO	COURSE AND DISTANCE	ALTITUDE
RW27 (MAP)	1174 MSL (CA)	271.79	
1174 MSL	WHIPP (DF) (FO) (RNP 1.00)		2600

NOTES, (CONT.):

CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVAL ON MOP VOR/DME AIRWAY RADIALS 336 CW 106.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVAL ON MBS VOR/DME AIRWAY RADIALS 284 CW 016.
CHART PROFILE NOTE: VGSI AND DESCENT ANGLES NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET}).
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 AND CIRCLING CATS C/D VISIBILITY 1/4 SM.
PBN REQUIREMENT NOTE: RNP APCH



CITY AND STATE
GLADWIN, MI

ELEVATION: 774 TDZE: 773
AIRPORT NAME:
GLADWIN ZETTEL MEMORIAL

FACILITY
IDENTIFIER:
RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:
RNAV (GPS) RWY 27, ORIG-B
29 MARCH 2018

SUP:	
AMDT:	ORIG-A
DATED:	05/28/2015

**RNAV STANDARD INSTRUMENT APPROACH PROCEDURE
FLIGHT STANDARDS SERVICE - FAR PART 97.33**

Bearings, headings, courses, 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 in feet RVR.

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	0842754.1185W
LTP/FTP ELLIPSOIDAL HEIGHT	+02011
FPAP LATITUDE	435816.5500N
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)	0.0
 <u>CRC REMAINDER</u>	 16837A50

ADDITIONAL PATH POINT RECORD INFORMATION

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

QUALITY
16
CHECKED

CITY AND STATE GLADWIN, MI	ELEVATION: 774 AIRPORT NAME: GLADWIN ZETTEL MEMORIAL	TDZE: 773	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 27, ORIG-B 29 MARCH 2018	SUP:
					AMDT: ORIG-A
					DATED: 05/28/2015