

**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.

<u>AIRPORT ID</u> GLR	<u>PROCEDURE NAME</u> RNAV (GPS) RWY 27	<u>ORIGINAL/AMENDMENT</u> 1	<u>CITY</u> GAYLORD	<u>STATE</u> MI		
<u>AIRPORT ELEVATION</u> 1328	<u>TDZE</u> 1328	<u>SUPERSEDED</u> RNAV (GPS) RWY 27	<u>ORIGINAL/AMENDMENT</u> ORIG-C	<u>DATED</u> 05/20/2021	<u>MAG VAR</u> 6W	<u>EPOCH YEAR</u> 2000
<u>FACILITY</u> RNAV	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u>	<u>REQUIRED EFFECTIVE DATE</u> ROUTINE	<u>CANCEL/SUSPEND</u>		

TERMINAL ROUTES

<u>FROM</u>	<u>FIX TYPE</u>	<u>TO</u>	<u>FIX TYPE</u>	<u>LEG TYPE</u>	<u>FO/FB</u>	<u>RNP</u>	<u>COURSE</u>	<u>DISTANCE</u>	<u>ALTITUDE</u>
RONDO		ZINBU		TF	FB	1.00	157.07	12.23	3100
ZINBU	IAF	COBIB	NOPT	TF	FB	1.00	216.33	6.00	3100
ZABLE	IAF	COBIB	NOPT	TF	FB	1.00	345.56	21.37	3100
APN VORTAC	IAF	COBIB	NOPT	TF	FB	1.00	270.11	38.23	3100
COBIB	IF/IAF	HUVOK		TF	FB	1.00	276.28	6.10	2700
HUVOK	FAF	RW27	MAP	TF	FO	0.30	276.18	4.17	
RW27	MAP	1578 MSL		CA			276.18		
1578 MSL		WODIV		DF	FO	1.00			3000

MISSED APPROACH

MAP:

LPV: DA
LNAV: RW27

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 3000 DIRECT WODIV AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:

PROFILE:

1. PT	SIDE OF COURSE	OUTBOUND	FT WITHIN	MILES OF	(IAF)	
2. HOLD E COBIB, RT, 276.28 INBOUND, 3100 FT. IN LIEU OF PT (IAF), MAX 6000.						
3. FAC: 276.18	FAF: HUVOK		DIST FAF TO MAP: 4.17	DIST FAF TO THLD: 4.17		
4. MIN ALT: COBIB 3100, HUVOK 2700						
5. DIST TO THLD FROM OM:	MM:	IM:	150 HAT:	250 HAT: 0.64	GS ANT:	
6. MIN GP INCPT: 2700	GP ALT AT PFAF: HUVOK 2700			OM:	MM:	IM:
7. GP ANGLE: 3.00	34:1: IS NOT CLEAR	20:1: IS CLEAR	TCH: 45.0			
8. MSA FROM: RW27 3500						

QUALITY
19
CHECKED

PBN REQUIREMENTS NOTE:

RNP APCH - GPS.

NOTES:

CHART NOTE: CIRCLING RWY 18, 36 NA AT NIGHT.
 CHART NOTE: RWY 27 HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED.
 CHART NOTE: VDP NA WHEN USING GOV ALTIMETER SETTING.
 CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT RONDO ON V609 NORTHBOUND.
 CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT RONDO ON T265 NORTHEAST BOUND.
 CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT ZABLE ON V609 SOUTHBOUND, AND ARRIVALS ON V78 SOUTHWEST BOUND.
 CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVAL ON APN VORTAC AIRWAY RADIALS 201 CW 346.
 CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE GOV ALTIMETER SETTING: INCREASE LPV DA TO 1648 FEET; INCREASE ALL MDAS 80 FEET AND LNAV VISIBILITY CATS C AND D 3/8 SM AND CIRCLING VISIBILITY CATS C AND D 1/4 SM.

ADDITIONAL FLIGHT DATA:

HOLD W, RT, 095.93 INBOUND.
 FAS OBST: 1582 AAO 450130N/0843654W.
 CHART R-4201A.
 CHART VDP AT 1.46 NM TO RW27.
 WAAS CHANNEL # 56327
 REFERENCE PATH ID: W27A
 LTP HAE: 369.9 M

MINIMUMS:

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

ALTERNATE: NA ☐ STANDARD - CAT D 800-2 1/2, NA WHEN LOCAL WEATHER NOT AVAILABLE.

<u>CATEGORY:</u>	<u>A</u>			<u>B</u>			<u>C</u>			<u>D</u>			<u>E</u>		
<u>FINAL TYPE</u>	<u>DA/MDA</u>	<u>VIS</u>	<u>HAT/HAA</u>	<u>DA/MDA</u>	<u>VIS</u>	<u>HAT/HAA</u>	<u>DA/MDA</u>	<u>VIS</u>	<u>HAT/HAA</u>	<u>DA/MDA</u>	<u>VIS</u>	<u>HAT/HAA</u>	<u>DA/MDA</u>	<u>VIS</u>	<u>HAT/HAA</u>
LPV DA	1578	1	250	1578	1	250	1578	1	250	1578	1	250			
LNAV MDA	1840	1	512	1840	1	512	1840	1 3/8	512	1840	1 3/8	512			
CIRCLING	1840	1	512	1940	1	612	2040	2	712	2080	2 1/2	752			



CHANGES - REASONS

1. INCORPORATED CHANGES FROM PREVIOUS P-NOTAMS INTO THE FORM.
2. TERMINAL ROUTES: REMOVED GLR VOR/DME TO COBIB FEEDER SEGMENT – FEEDER REMOVED DUE TO VORMON DECOMMISSIONING OF GLR VORTAC.
3. PROFILE LINE 2: ADDED “MAX 6000” - IAW 8260.19J PARA 8-6-7 B(2).
4. PROFILE LINE 5: ADDED "200 HAT: 0.64" - IAW 8260.19J PARA 8-6-7 E(3).
5. PROFILE LINE 7: ADDED “20:1: IS CLEAR” – NO 20:1 PENETRATIONS EXIST AND IAW 8260.19J PARA 8-6-7 G(3).
6. DELETED CHART NOTE “DME/DME RNP-0.3 NA” AND ADDED PBN REQUIREMENTS NOTE “RNP APCH – GPS” – IAW 8260.19J PARA 8-6-8 D(5)(A)1.
7. UPDATED CHART NOTE FROM “CIRCLING TO RWY 18 AND RWY 36 NA AT NIGHT” TO “CIRCLING RWY 18, 36 NA AT NIGHT” – VERBIAGE CORRECTED IAW 8260.19J PARA 8-6-12 O(2)(G).
8. ADDED CHART NOTE “VDP NA WHEN USING GOV ALTIMETER SETTING” – IAW 8260.19J PARA 8-6-9 E(8).
9. DELETED CHART PLANVIEW NOTE: “PROCEDURE NA FOR ARRIVAL AT GLR VOR/DME ON V233 SOUTHBOUND” – FEEDER SEGMENT REMOVED DUE TO VORMON DECOMMISSIONING OF GLR VORTAC.
10. ADDED CHART PLANVIEW NOTES: “PROCEDURE NA FOR ARRIVALS AT RONDO ON V609 NORTHBOUND”, "PROCEDURE NA FOR ARRIVALS AT RONDO ON T265 NORTHEAST BOUND", AND “PROCEDURE NA FOR ARRIVALS AT ZABLE ON V609 SOUTHBOUND, AND ARRIVALS ON V78 SOUTHWEST BOUND” – IAW 8260.19J PARA 8-2-5 G(2).
11. UPDATED CHART NOTE FROM “WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE GRAYLING ALTIMETER SETTING AND INCREASE ALL DA 71 FEET AND ALL MDA 80 FEET. INCREASE LNAV AND CIRCLING CATS C AND D VISIBILITY 1/4 MILE” TO “WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE GOV ALTIMETER SETTING: INCREASE LPV DA TO 1648 FEET; INCREASE ALL MDAS 80 FEET AND LNAV VISIBILITY CATS C AND D 3/8 SM, AND CIRCLING VISIBILITY CATS C AND D 1/4 SM” – IAW 8260.19J PARA 8-6-12 N(A)(3) AND VISIBILITY VALUES UPDATED IAW TABLES 3-3-1, 3-3-3, AND 3-3-4 AND 3-3-7.
12. ADDITIONAL FLIGHT DATA: AMENDED CHART FAS OBST NOTE FROM “CHART FAS OBST: 1630 TOWER 450133N/0843940W” TO “FAS OBST: 1582 AAO 450130N/0843654W” – NEW FAS OBSTACLE.
13. ADDITIONAL FLIGHT DATA: AMENDED SPECIAL USE AIRSPACE NOTE FROM “CHART R-4201” TO “CHART R-4201A” – IAW 8260.19J PARA 8-6-11 I.
14. ADDITIONAL FLIGHT DATA: DELETED "DISTANCE TO THLD FROM 250 HATH: 0.64 NM" - THIS DATA NOW DOCUMENTED ON PROFILE LINE 5 IAW 8260.19J PARA 8-6-7 E(3).
15. ADDITIONAL FLIGHT DATA: UPDATED VDP NOTE FROM “CHART VDP AT 1.40 NM TO RW27” TO “CHART VDP AT 1.46 NM TO RW27” AND DELETED ASSOCIATED ASTERISK AND LNAV ONLY NOTE – IAW 8260.3E PARA 2-6-5 B AND LNAV ONLY NOTE NO LONGER REQUIRED.
16. ADDITIONAL FLIGHT DATA: UPDATED LTP HAE FROM “370 M” TO “369.9 M” – UPDATED AIRNAV DATA AND ROUNDING METHOD.
17. MINIMUMS: INCREASED LNAV MDA/HAT FROM “1820/492” TO “1840/512” – NEW CONTROLLING OBSTACLE.
18. FAS DATA: UPDATED LTP/FTP LONGITUDE FROM “0844129.6795W” TO “0844129.6790W”, LTP/FTP ELLIPSOIDAL HEIGHT FROM "+03700" TO "+03699", AND FPAP LATITUDE/LONGITUDE FROM "450052.2500N/084435.2800W" TO "450052.2620N/0844335.2795W" – UPDATED AIRNAV DATA AND FAF LOCATION MOVED TO MAINTAIN 3.00 GPA.
19. FAS DATA: UPDATED CRC REMAINDER FROM “941BF5EF” TO “EEFB431A” – UPDATED LTP/FTP LONGITUDE, LTP/FTP ELLIPSOIDAL HEIGHT, AND FPAP LATITUDE/LONGITUDE.

COORDINATED WITH:

A4A☒

ALPA☒

AOPA☒

APA☐

HAI☐

NBAA☒

OTHER:

FLIGHT CHECKED BY

SCOTT WIEBE

Digitally signed by
ROBERT G HAMILTON
Sep 30, 2024

OFFICE

FPO

DATE

09/25/2024

DEVELOPED BY

ROBERT G HAMILTON (JILL M. SUPPES)

Digitally signed by
ROBERT G HAMILTON
Sep 30, 2024

OFFICE

AJV-A433

DATE

05/21/2024

APPROVED BY

ROBERT G HAMILTON

Digitally signed by
ROBERT G HAMILTON
Sep 30, 2024

OFFICE

AJV-A433

DATE

TITLE
MANAGER



AIRPORT ID
GLR

PROCEDURE NAME
RNAV (GPS) RWY 27

ORIGINAL/AMENDMENT
1

CITY
GAYLORD

STATE
MI

FAS DATA BLOCK INFORMATION

<u>DATA FIELD</u>	<u>DATA</u>
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KGLR
RUNWAY	RW27
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W27A
LTP/FTP LATITUDE	450052.0950N
LTP/FTP LONGITUDE	0844129.6790W
LTP/FTP ELLIPSOIDAL HEIGHT	+03699
FPAP LATITUDE	450052.2620N
FPAP LONGITUDE	0844335.2795W
THRESHOLD CROSSING HEIGHT (TCH)	00045.0
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	0744
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0

CRC REMAINDER	EEFB431A
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ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K5
LTP ORTHOMETRIC HEIGHT	+04048
FPAP ORTHOMETRIC HEIGHT	+04048



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

<u>AIRPORT ID</u>	<u>PROCEDURE NAME</u>	<u>AMDT NO.</u>	<u>CITY</u>	<u>STATE</u>	<u>AIRPORT ELEVATION</u>	<u>FACILITY</u>
GLR	RNAV (GPS) RWY 27	1	GAYLORD	MI	1328	RNAV

PART A: OBSTRUCTION DATA SEGMENTS

FEEDER

FROM RONDO **TO** ZINBU

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>	<u>HAT</u>	<u>HMAS</u>
1.00	12.23				

<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>
AAO	450515.00N/0842048.00W	1362	215	8	4B	1000				AT738	3100
TERRAIN	450603.00N/0842542.00W	1145 (1100)								AS1500	2600

COMPUTATIONS

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

SEGMENT REMARKS:

INITIAL

FROM ZINBU **TO** COBIB

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>	<u>HAT</u>	<u>HMAS</u>
1.00	6.00				

<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 (26-003009)	450110.00N/0842428.00W	1725	250	50	4D	1000				AT375	3100
TERRAIN	450127.00N/0842348.00W	1440 (1400)								AS1500	2900

COMPUTATIONS

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

SEGMENT REMARKS:



INITIAL

FROM

ZABLE

TO

COBIB

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>			<u>HAT</u>	<u>HMAS</u>				
1.00	21.37										
<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 (26-003009)	450110.00N/0842428.00W	1725	250	50	4D	1000				AT375	3100
TERRAIN	445124.00N/0841903.00W	1446 (1400)								AS1500	2900

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

INITIAL

FROM

APN VORTAC

TO

COBIB

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>			<u>HAT</u>	<u>HMAS</u>				
1.00	38.23										
<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 (26-001398)	450059.25N/0842109.69W	2049	250	50	4D	1000					3100
TERRAIN	445924.00N/0842000.00W	1446 (1400)								AS1500	2900

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:



INTERMEDIATE

FROM

COBIB (IF/IAF)

TO

HUVOK

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>		<u>HAT</u>		<u>HMAS</u>				
1.00	6.10										
<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>
AAO	450124.00N/0842448.00W	1634	215	8	4B	500				AT566	2700
TERRAIN	450042.00N/0842657.00W	1391 (1400)								AS1000	2400

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

FINAL: LPV

FROM

HUVOK

TO

RW27

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>		<u>HAT</u>		<u>HMAS</u>				
0.30	4.17		DA		250						
<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>
TREE (26-028400)	450056.87N/0844100.43W	1394	20	3	1A		34.00:1			SA-4	1578

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:



FINAL: LNAV

FROM

HUVOK

TO

RW27

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>		<u>HAT</u>		<u>HMAS</u>				
0.30	4.17		RW27		512						
<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>
AAO	450130.00N/0843654.00W	1582	215	8	4B	250					1840

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

HOLD-IN-LIEU OF PT

FROM

COBIB

TO

P-5

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>		<u>HAT</u>		<u>HMAS</u>				
		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 (26-001398)	450059.25N/0842109.69W	2049	250	50	4D	1000					3100
TERRAIN	445839.00N/0841921.00W	1453 (1500)								AS1500	3000

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:



MISSED APPROACH: LPV

FROM

DA

TO

WODIV

RNP

0.30-1.00

DISTANCE

PAT

MAP

HAT

HMAS

1391

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
							ASC				3000
TOWER (26-000556)	450244.45N/0845045.91W	1860	20	3	1A	1000					2900
TERRAIN	450157.00N/0845154.00W	1482 (1500)								AS1500	3000

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

MISSED APPROACH: LNAV

FROM

RW27

TO

WODIV

RNP

0.30-1.00

DISTANCE

PAT

MAP

HAT

HMAS

1740

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
							ASC				3000
TOWER (26-000556)	450244.45N/0845045.91W	1860	20	3	1A	1000					2900
TERRAIN	450157.00N/0845154.00W	1482 (1500)								AS1500	3000

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:



AIRPORT ID

GLR

PROCEDURE NAME

RNAV (GPS) RWY 27

AMDT NO.

1

CITY

GAYLORD

STATE

MI

AIRPORT ELEVATION

1328

FACILITY

RNAV

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											
TOWER (26-000471)	450140.00N/0844029.00W	1.31	512	1523	20	3	1A	300			1840
CATEGORY B											
TOWER (26-000199)	450132.65N/0843939.78W	1.85	612	1630	20	3	1A	300			1940
CATEGORY C											
TOWER (26-001379)	450244.00N/0843958.00W	2.92	712	1721	20	3	1A	300			2040
CATEGORY D											
TOWER (26-001379)	450244.00N/0843958.00W	3.81	752	1721	20	3	1A	300		XP59	2080

CIRCLING REMARKS:

XP 59: MAINTAIN CURRENT CAT D CIRCLING MINS.

MSA

CENTER

RW27

RADIUS

25

SECTOR	OBSTRUCTION	COORDINATES	BEARING	DISTANCE	ELEV MSL	HORZ	VERT	AC	ROC	OCS	ADJUSTMENTS	MIN ALT
360-360	TOWER (26-000479)	444453.00N/0850408.00W	231	22.7	2470	250	50	4D	1000			3500

MSA REMARKS:

NOTES/EXPLANATIONS FROM PROCEDURE SEGMENTS:



PART B: SUPPLEMENTAL DATA

COMMUNICATIONS WITH

ZMP ARTCC, LAN FSS

WX SERVICE	LOCATION	HRS OPERATION	ALTIMETER SOURCE	DISTANCE	SERVICE-A	ADJUSTMENTS
ASOS	GLR	24	GLR	0	Y	0
BACK-UP WX SERVICE	LOCATION	HRS OPERATION	ALTIMETER SOURCE	DISTANCE	SERVICE-A	ADJUSTMENTS
ASOS	GOV	24	GOV	19.99	Y	70

WX REMARKS:

RASS PRESSURE PATTERNS THE SAME
KGLR 1328, KGOV 1158
RA = 69.8.

PRIMARY NAVAID	MONITOR POINT	HRS OPERATION	CAT
APPROACH AND RUNWAY LIGHTING SYSTEM		RUNWAY MARKINGS	RUNWAY VISUAL RANGE
RW09 - MALSR (PCL), HIRL (PCL), PAPI-4L (PCL)		PIR-F	
RW18 - REIL, MIRL (PCL), PAPI-4L		PIR-F	
RW27 - REIL (PCL), HIRL (PCL), PAPI-4L (PCL)		PIR-F	
RW36 - MIRL (PCL), REIL (PCL), PAPI-4L (PCL)		PIR-F	

GLIDESLOPE ANGLE	ELEV RWY THRESHOLD	TCH	ELEV GS ANTENNA	DISTANCE FROM RWY	VGSI ANGLE	TCH
3.00	1328.1	45.0			3.00	45.0

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 18		
20:1			
1375 TREE (26-061723) 450108.6600N/0844211.5700W (16.5)		1375 TREE (26-064560) 450109.6800N/0844211.2200W (11.33)	
1373 TREE (26-046321) 450109.4500N/0844211.9400W (10.5)		1334 VEHICLE ON ROAD (26-046319) 450102.0300N/0844207.1900W (9.04)	
FINAL TYPE	CIRCLING RWY 36		

QUALITY

19



<u>AIRPORT ID</u> GLR	<u>PROCEDURE NAME</u> RNAV (GPS) RWY 27	<u>AMDT NO.</u> 1	<u>CITY</u> GAYLORD	<u>STATE</u> MI	<u>AIRPORT ELEVATION</u> 1328	<u>FACILITY</u> RNAV
20:1						
1330 VEHICLE ON ROAD (26-099646) 450013.7000N/0844205.9800W (1.9)				1329 VEHICLE ON ROAD (26-061707) 450013.7300N/0844210.8800W (1.02)		
FINAL TYPE	LPV, LNAV					
34:1						
1387 TREE (26-029527) 450048.9200N/0844101.4600W (5.14)						
<u>PENETRATIONS REMARKS:</u>						

HELICOPTER 'VISUAL PORTION OF FINAL' PENETRATIONS

and/or

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

<u>PENETRATIONS REMARKS:</u>

PART C: GENERAL REMARKS:

PRECIPITOUS TERRAIN EVALUATION COMPLETED.

MAX VEGETATION HEIGHT: 100 FT.

TAA NOT DEVELOPED PER FPT.

VISIBILITIES LOWER THAN 1 SM NOT AUTHORIZED PER FPT.

ORDER 8260.3, CHAPTER 2, NEW CIRCLING CRITERIA APPLIED.



<u>AIRPORT ID</u> GLR	<u>PROCEDURE NAME</u> RNAV (GPS) RWY 27	<u>AMDT NO.</u> 1	<u>CITY</u> GAYLORD	<u>STATE</u> MI	<u>AIRPORT ELEVATION</u> 1328	<u>FACILITY</u> RNAV
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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	3.22
WIDTH OF	FINAL	SEGMENT AT 1000FT POINT	1.25
TRUE COURSE OF	FINAL	SEGMENT CONTAINING 1000FT POINT	270.18
HIGH TERRAIN IN	FINAL	SEGMENT CONTAINING 1000FT POINT	1400
DISTANCE FROM	THLD	TO 1500FT POINT	9.87
WIDTH OF	INTERMEDIATE	SEGMENT AT 1500FT POINT	4.00
TRUE COURSE OF	INTERMEDIATE	SEGMENT CONTAINING 1500FT POINT	270.18
HIGH TERRAIN IN	INTERMEDIATE	SEGMENT CONTAINING 1500FT POINT	1400

THRESHOLD COORDINATES (IF STR-IN) 450052.10N/0844129.68W

ARP COORDINATES 450046.90N/0844212.40W

RUNWAY APCH END AND DIST FURTHEST FROM ARP RUNWAY 9 DISTANCE 0.58 NM

FAF COORDINATES 450051.46N/0843537.28W

FIX NAME COORDINATES

REMARKS

PART E: PREPARED BY

<u>NAME</u>	<u>OFFICE</u>	<u>DATE</u>	<u>TITLE</u>
ROBERT G HAMILTON (JILL M. SUPPES)	AJV-A433	05/21/2024	AERONAUTICAL INFORMATION SPECIALIST

