

**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><b>AIRPORT ID</b></u> 6G5	<u><b>PROCEDURE NAME</b></u> RNAV (GPS) RWY 27	<u><b>ORIGINAL/AMENDMENT</b></u> ORIG-B	<u><b>CITY</b></u> BARNESVILLE	<u><b>STATE</b></u> OH
<u><b>AIRPORT ELEVATION</b></u> 1312	<u><b>TDZE</b></u> 1312	<u><b>SUPERSEDED</b></u> RNAV (GPS) RWY 27	<u><b>DATED</b></u> 12/11/2014	<u><b>EPOCH YEAR</b></u> 2000
<u><b>FACILITY</b></u> RNAV	<u><b>COORDINATES OF FACILITIES</b></u>	<u><b>ACTUAL EFFECTIVE DATE</b></u> 17 APRIL 2025	<u><b>REQUIRED EFFECTIVE DATE</b></u> ROUTINE	<u><b>CANCEL/SUSPEND</b></u>

**TAA**

<u>FROM</u>	<u>FIX TYPE</u>	<u>TO</u>	<u>FIX TYPE</u>	<u>ALTITUDE</u>
1. 185/30 CW 005/30	NOPT	AVACA	IF/IAF	3400
2. 005/30 CW 185/30		AVACA	IF/IAF	3400

**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>
AVACA	IF/IAF	KRABB		TF	FB	1.00	274.55	6.00	2900
KRABB	FAF	KESEC/2.10 NM TO RW27		TF	FB	0.30	274.47	2.76	
KESEC/2.10 NM TO RW27		RW27	MAP	TF	FO	0.30	274.47	2.10	
RW27	MAP	1712 MSL		CA			274.47		
1712 MSL		LORES		DF	FO	1.00			3000

**MISSED APPROACH**

**MAP:**

LP: RW27  
LNAV: RW27

**MISSED APPROACH INSTRUCTIONS:**

CLIMBING LEFT TURN TO 3000 DIRECT LORES AND HOLD.

**ALTERNATE MISSED APPROACH INSTRUCTIONS:**

**PROFILE:**

1. **PT**                      **SIDE OF COURSE**                      **OUTBOUND**                      **FT WITHIN**                      **MILES OF**                      (IAF)
2. HOLD E AVACA, RT, 274.55 INBOUND, 3400 FT. IN LIEU OF PT (IAF), MAX 6000.
3. **FAC:** 274.47                      **FAF:** KRABB                      **DIST FAF TO MAP:** 4.86                      **DIST FAF TO THLD:** 4.86
4. **MIN ALT:** AVACA 3400, KRABB 2900, KESEC/2.10 NM TO RW27 2020
5. **DIST TO THLD FROM OM:**                      **MM:**                      **IM:**                      **150 HAT:**                      **GS ANT:**
6. **MIN GP INCPT:**                      **GP ALT AT FAF:**                      **OM:**                      **MM:**                      **IM:**
7. **GP ANGLE:**                      **34:1:** IS NOT CLEAR                      **20:1:** IS NOT CLEAR                      **TCH:**
8. **MSA FROM:**



PBN REQUIREMENTS NOTE:

RNP APCH - GPS.

NOTES:

CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA.  
CHART NOTE: PROCEDURE NA AT NIGHT.  
CHART NOTE: USE HLG ALTIMETER SETTING; WHEN NOT RECEIVED USE AFJ ALTIMETER SETTING AND INCREASE ALL MDA 40 FEET.

ADDITIONAL FLIGHT DATA:

KRABB TO RW27: 3.00/40  
CHART WHEELING, WV ASOS.  
HOLD W, RT, 094.00 INBOUND.  
FAS OBST: 1459 AAO 395939N/0811030W, 1416 AAO 400006N/0811106W.  
WAAS CHANNEL # 70427  
REFERENCE PATH ID: W27A  
LTP HAE: 366.2 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	1780	1	468	1780	1	468		NA			NA				
LNAV MDA	1800	1	488	1800	1	488		NA			NA				
CIRCLING	1880	1	568	1940	1	628		NA			NA				

CHANGES - REASONS

1. REMOVED CHART NOTE: DME/DME RNP-0.3 NA. - UPDATED PBN REQUIREMENTS NOTE
2. ADDED PBN REQUIREMENTS NOTE: "RNP APCH - GPS" - IAW 8260.58B TABLE 1-2-1
3. CHANGED INTERMEDIATE LEG AVACA TO KRABB RNP VALUE FROM 0.5 TO 1.0 - CURRENT CRITERIA
4. CHANGED MISSED APP DF LEG RNP VALUE FROM 0.5 TO 1.0 - CURRENT CRITERIA
5. UPDATED FAS OBSTACLES - OBS DATA UPDATED
6. LTP/FTP LAT/LONG CHANGED FROM 400009.9375N/0811104.8965W TO 400009.9325N/0811104.8980W - NEW AIRNAV DATA
7. FPAP LAT/LONG CHANGED FROM 400004.3300N/0811300.6200W TO 400004.3365N/0811300.6150W - NEW AIRNAV DATA
8. CRC REMAINDER CHANGED FROM D683782F TO 41A451A2 - NEW LTP/FTP AND NEW FPAP DATA
9. UPDATED FAF TO STEPDOWN AND STEPDOWN TO MAP FROM 274.43 TO 274.47 - IAP UPDATED EVALUATION



COORDINATED WITH:

A4A

☐

ALPA

☒

AOPA

☒

APA

☐

HAI

☐

NBAA

☒

OTHER: ZOB, ARPT MGR

FLIGHT CHECKED BY

BRIAN P CARSON

Digitally signed by

ROBERT G HAMILTON

Feb 26, 2025

OFFICE

AJF

DATE

02/25/2025

DEVELOPED BY

PHILLIP SMART

Digitally signed by

ROBERT G HAMILTON

Feb 26, 2025

OFFICE

AJV-A433

DATE

11/29/2024

APPROVED BY

ROBERT G HAMILTON

Digitally signed by

ROBERT G HAMILTON

Feb 26, 2025

OFFICE

AJV-A433

DATE

TITLE

MANAGER

FAS DATA BLOCK INFORMATION

DATA FIELD	DATA
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	6G5
RUNWAY	RW27
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W27A
LTP/FTP LATITUDE	400009.9325N
LTP/FTP LONGITUDE	0811104.8980W
LTP/FTP ELLIPSOIDAL HEIGHT	+03662
FPAP LATITUDE	400004.3365N
FPAP LONGITUDE	0811300.6150W
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	1528
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	00.0
CRC REMAINDER	41A451A2

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K5
LTP ORTHOMETRIC HEIGHT	+03999
FPAP ORTHOMETRIC HEIGHT	+03999

