

**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> 018	<u>PROCEDURE NAME</u> RNAV (GPS) RWY 29	<u>ORIGINAL/AMENDMENT</u> ORIG-B	<u>CITY</u> CYNTHIANA	<u>STATE</u> KY		
<u>AIRPORT ELEVATION</u> 721	<u>TDZE</u> 721	<u>SUPERSEDED</u> RNAV (GPS) RWY 29	<u>ORIGINAL/AMENDMENT</u> ORIG-A	<u>DATED</u> 10/12/2017	<u>MAG VAR</u> 6W	<u>EPOCH YEAR</u> 2015
<u>FACILITY</u> RNAV	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 17 JUNE 2021	<u>REQUIRED EFFECTIVE DATE</u> ROUTINE	<u>CANCEL/SUSPEND</u>		

TAA

FROM	FIX TYPE	TO	FIX TYPE	ALTITUDE
1. 202/30 CW 022/30	NOPT	202/15 CW 022/15		3600
2. 202/15 CW 022/15		DATA	IF/IAF	3000
3. 022/30 CW 202/30		022/15 CW 202/15		3100
4. 022/15 CW 202/15		DATA	IF/IAF	3000

TERMINAL ROUTES

FROM	FIX TYPE	TO	FIX TYPE	LEG TYPE	FO/FB	RNP	COURSE	DISTANCE	ALTITUDE
DATA	IF/IAF	ZUTOM		TF	FB	1.00	291.66	5.69	2500
ZUTOM	FAF	WAKVU/2.20 NM TO RW29		TF	FB	0.30	291.59	3.27	
WAKVU/2.20 NM TO RW29		RW29	MAP	TF	FO	0.30	291.59	2.20	
RW29	MAP	1121 MSL		CA			291.59		
1121 MSL		ZIXEN		DF	FO	1.00			3000

MISSED APPROACH

MAP:

LP: RW29
LNAV: RW29

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 3000 DIRECT ZIXEN AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:

QUALITY
22
CHECKED

PROFILE:

- 1. PT **SIDE OF COURSE** **OUTBOUND** **FT WITHIN** **MILES OF** (IAF)
- 2. HOLD E DATAC, RT, 291.66 INBOUND, 3000 FT. IN LIEU OF PT (IAF), MAX 6000.
- 3. **FAC:** 291.59 **FAF:** ZUTOM **DIST FAF TO MAP:** 5.47 **DIST FAF TO THLD:** 5.47
- 4. **MIN ALT:** DATAC 3000, ZUTOM 2500, WAKVU/2.20 NM TO RW29 1440
- 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.

NOTES:

CHART NOTE: PROCEDURE NA AT NIGHT.
 CHART NOTE: RWY 29 HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED.
 CHART NOTE: USE GEORGETOWN ALTIMETER SETTING; WHEN NOT RECEIVED, USE LEXINGTON ALTIMETER SETTING AND INCREASE ALL MDA 40 FEET.

ADDITIONAL FLIGHT DATA:

CHART GEORGETOWN AWOS-3
 CHART CIRCLING ICON.
 HOLD W, RT, 111.37 INBOUND.
 CHART FAS OBST: 969 TREE 382101N/0841420W, 916 BUILDING 382143N/0841454W.
 CHART 969 TREE 382101N/0841420W.
 WAAS CHANNEL # 42537
 REFERENCE PATH ID: W29A
 CHART PROFILE NOTE: VISUAL SEGMENT - OBSTACLES.
 LTP HAE: 184.8 M

MINIMUMS:

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

ALTERNATE: NA

<u>CATEGORY:</u>	A			B			C			D			E		
	<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>
LP MDA	1240	1	519	1240	1	519		NA			NA				
LNAV MDA	1280	1	559	1280	1	559		NA			NA				
CIRCLING	1340	1	619	1560	1 1/4	839		NA			NA				



CHANGES - REASONS

1. DELETED PROFILE NOTE: DESCENT ANGLE NA AND CHARTED PROFILE NOTE: VISUAL SEGMENT - OBSTACLES.(P-NOTAM 7/0356)
2. RAISED CIRCLING CAT B MDA FROM 1440 TO 1560 AND VISIBILITY CAT B FROM 1 TO 1 1/4. - AC OF 125 ON CONTROLLING OBSTACLE 21-022344, A 1069 MSL TOWER 5E.
3. ADDED EQUIPMENT REQUIREMENT NOTE: RNP APCH AND DELETED DME RNP-0.3 NA. - FAAO 8260.19H PARAGRAPH 8-6-9.
4. ADDED RWY 29 TO HELICOPTER VISIBILITY NOTE. - FAAO 8260.19H PARAGRAPH 8-6-11.
5. ADDED 20:1 IS NOT CLEAR TO LINE 7 OF PROFILE VIEW. - 20:1 SURFACE IS PENETRATED.
6. CHANGED CRC REMAINDER FROM 7A0A33BE TO E01319AB. - NEW FPAP COORDINATES.

COORDINATED WITH:

A4A
 ALPA
 AOPA
 APA
 HAI
 NBAA
 OTHER: ZID, LEXINGTON APP CON, AMGR

Digitally signed by

FLIGHT CHECKED BY **DONALD H LANIER**

GEORGE E SEARLES Apr 20, 2021

OFFICE

FICO

DATE

04/15/2021

DEVELOPED BY *Digitally signed by*

LIAM DONAHUE **LIAM DONAHUE**

Oct 16, 2020

OFFICE

AJV-A431

DATE

07/29/2020

APPROVED BY *Digitally signed by*

LONNIE EVERHART **DONALD H LANIER**

Apr 20, 2021

OFFICE

AJV-A430

DATE

TITLE
MANAGER



FAS DATA BLOCK INFORMATION

<u>DATA FIELD</u>	<u>DATA</u>
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	018
RUNWAY	RW29
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W29A
LTP/FTP LATITUDE	382155.9840N
LTP/FTP LONGITUDE	0841649.9830W
LTP/FTP ELLIPSOIDAL HEIGHT	+01848
FPAP LATITUDE	382219.8345N
FPAP LONGITUDE	0841839.1505W
THRESHOLD CROSSING HEIGHT (TCH)	00000.0
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	00.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	1912
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	0.0
CRC REMAINDER	E01319AB

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K5
LTP ORTHOMETRIC HEIGHT	+02188
FPAP ORTHOMETRIC HEIGHT	+02188

