

**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>	<u>PROCEDURE NAME</u>	<u>ORIGINAL/AMENDMENT</u>	<u>CITY</u>	<u>STATE</u>		
CGS	RNAV (GPS)-A	ORIG	COLLEGE PARK	MD		
<u>AIRPORT ELEVATION</u>	<u>TDZE</u>	<u>SUPERSEDED</u>	<u>ORIGINAL/AMENDMENT</u>	<u>DATED</u>	<u>MAG VAR</u>	<u>EPOCH YEAR</u>
49			NONE		11W	2000
<u>FACILITY</u>	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u>	<u>REQUIRED EFFECTIVE DATE</u>	<u>CANCEL/SUSPEND</u>		
RNAV			ROUTINE			

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>
JAXXS	IF/IAF	OYAVA		TF	FB	1.00	329.40	4.65	1600
OYAVA	FAF	RW33	MAP	TF	FO	0.30	329.38	3.58	
RW33	MAP	449 MSL		CA			329.38		
449 MSL		JAXXS		DF	FO	1.00			2400

MISSED APPROACH

MAP:

LNAV: RW33

MISSED APPROACH INSTRUCTIONS:

CLIMBING RIGHT TURN TO 2400 DIRECT JAXXS AND HOLD, CONTINUE CLIMB IN HOLD TO 2400.

ALTERNATE MISSED APPROACH INSTRUCTIONS:

PROFILE:

- PT** **SIDE OF COURSE** **OUTBOUND** **FT WITHIN** **MILES OF** (IAF)
- HOLD SE JAXXS, RT, 329.38 INBOUND, 2400 IN LIEU OF PT (IF/IAF), MAX 6000.
- FAC:** 329.38 **FAF:** OYAVA **DIST FAF TO MAP:** 3.58 **DIST FAF TO THLD:**
- MIN ALT:** JAXXS 2400, OYAVA 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:** RW33 2600



PBN REQUIREMENTS NOTE:

RNP APCH - GPS.

NOTES:

CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE DCA ALTIMETER SETTING AND INCREASE ALL MDAS 40 FT.
CHART PROFILE NOTE: VGSI AND DESCENT ANGLES NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET}).
CHART NOTE: RWY 15, 33 HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED.

ADDITIONAL FLIGHT DATA:

FAS OBST: 420 AAO 385715N/0765248W.
OYAVA TO RW33: 4.00/40.

MINIMUMS:

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

ALTERNATE: NA ☐ STANDARD - NA WHEN LOCAL WEATHER NOT AVAILABLE.

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
CIRCLING	680	1	631	720	1	671		NA			NA				

CHANGES - REASONS

ORIGINAL PROCEDURE

10/02/25 THIS IS A CORRECTED COPY OF THE FORM APPROVED ON 10/01/25.

- 1. PROFILE LINE 7: ADDED 34:1: IS NOT CLEAR 20:1: IS NOT CLEAR.
- 2. PBN REQUIREMENTS NOTE: REMOVED RADAR REQUIRED.
- 3. NOTES: REMOVED CHART NOTE: CIRCLING RWY 33 NA AT NIGHT.
- 4. ADDITIONAL FLIGHT DATA: ADDED FAS OBST: 420 AAO 385715N/0765248W.
- 5. ADDITIONAL FLIGHT DATA: ADDED OYAVA TO RW33: 4.00/40.

COORDINATED WITH:

A4A ☐ ALPA ☒ AOPA ☒ APA ☐ HAI ☐ NBAA ☒

OTHER: MD DEPT OF AVIATION, PCT APP CON, ZDC, AMGR.

FLIGHT CHECKED BY
GALEN WESLEY COLLINS

Digitally signed by
ROBERT G HAMILTON
Oct 08, 2025

OFFICE
FIOG

DATE
09/30/2025

DEVELOPED BY
GIORGIA FERREIRA

Digitally signed by
ROBERT G HAMILTON
Oct 08, 2025

OFFICE
AJV-A433

DATE
06/13/2025

APPROVED BY
ROBERT G HAMILTON

Digitally signed by
ROBERT G HAMILTON
Oct 08, 2025

OFFICE
AJV-A433

DATE

TITLE
MANAGER



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

<u>AIRPORT ID</u> CGS	<u>PROCEDURE NAME</u> RNAV (GPS)-A	<u>AMDT NO.</u> ORIG	<u>CITY</u> COLLEGE PARK	<u>STATE</u> MD	<u>AIRPORT ELEVATION</u> 49	<u>FACILITY</u> RNAV
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PART A: OBSTRUCTION DATA SEGMENTS

INTERMEDIATE

FROM JAXXS (IF/IAF) **TO** OYAVA

RNP 1.00 DISTANCE 4.65 PAT MAP HAT HMAS

<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 (24-020143)	385329.95N/0764749.02W	479	50	20	2C	500				AT621	1600
TERRAIN	385124.00N/0765012.00W	337 (300)								AS1000	1300

COMPUTATIONS

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

SEGMENT REMARKS:

FINAL: LNAV

FROM OYAVA **TO** RW33

RNP 0.30 DISTANCE 3.58 PAT MAP RW33 HAT HMAS

<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	385715.00N/0765248.00W	420	215	8	4B	250					680

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

JAXXS

TO

P-6

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u> P-6	<u>MAP</u>		<u>HAT</u>				<u>HMAS</u>		
<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 (24-000446)	385233.22N/0764119.71W	643	50	20	2C	1000				AT721	2400
TERRAIN	385124.00N/0765012.00W	337 (300)								AS1500	1800

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

MISSED APPROACH: LNAV

FROM

RW33

TO

JAXXS

<u>RNP</u> 0.30-1.00	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>				<u>HAT</u>	<u>HMAS</u> 580			
<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				2400
TOWER (24-020010)	385717.83N/0765154.57W	490	50	20	2C	1000					1500
TERRAIN	385124.00N/0765012.00W	337 (300)								AS1500	1800

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											
BUILDING (24-046137)	385931.40N/0765403.02W	1.30	631	330	20	3	1A	300		SI	680
CATEGORY B											
AAO	385721.00N/0765345.00W	1.81	671	417	215	8	4B	300			720

CIRCLING REMARKS:

MSA

CENTER

RW33

RADIUS

25

SECTOR	OBSTRUCTION	COORDINATES	BEARING	DISTANCE	ELEV MSL	HORZ	VERT	AC	ROC	OCS	ADJUSTMENTS	MIN ALT
360-360	TOWER (24-000547)	392010.38N/0763857.88W	041	24.9	1549	500	125	5E	1000			2600

MSA REMARKS:

NOTES/EXPLANATIONS FROM PROCEDURE SEGMENTS:

PART B: SUPPLEMENTAL DATA

COMMUNICATIONS WITH

DCA FSS, PCT APP CON

WX SERVICE	LOCATION	HRS OPERATION	ALTIMETER SOURCE	DISTANCE	WMSCR	ADJUSTMENTS
AWOS-3	CGS	24	CGS		Y	0
BACK-UP WX SERVICE	LOCATION	HRS OPERATION	ALTIMETER SOURCE	DISTANCE	WMSCR	ADJUSTMENTS
ASOS	DCA	24	DCA	9.42	Y	27

WX REMARKS:

RASS PRESSURE PATTERNS THE SAME
KCGS 49, KDCA 15
RA = 26.5.

PRIMARY NAVAID	MONITOR POINT	HRS OPERATION	CAT

APPROACH AND RUNWAY LIGHTING SYSTEM	RUNWAY MARKINGS	RUNWAY VISUAL RANGE
RW15 - MIRL (PCL), REIL (PCL), PAPI-2L (PCL)	NPI-G	
RW33 - MIRL (PCL), REIL (PCL), PAPI-2R (PCL)	NPI-G	



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<u>GLIDESLOPE ANGLE</u>	<u>ELEV RWY THRESHOLD</u>	<u>TCH</u>	<u>ELEV GS ANTENNA</u>	<u>DISTANCE FROM RWY</u>	<u>VGSI ANGLE</u> 4.00	<u>TCH</u> 26.6

FINAL APPROACH COURSE AIMING

RUNWAY THRESHOLD	X	FT FROM THRESHOLD	DISPLACED THRESHOLD DISTANCE	171
ON CENTERLINE	X	FT FROM CENTERLINE		

CRITICAL TEMPERATURES

<u>CRITICAL LOW</u>	<u>CRITICAL HIGH</u>	<u>ACT</u>	<u>APT ISA</u>
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CRITICAL TEMPERATURE REMARKS:

"VISUAL PORTION OF FINAL" PENETRATIONS

FINAL TYPE	CIRCLING RWY 15
20:1	
81 POLE (24-046161) 385901.0300N/0765534.1000W (9.96)	78 FENCE (24-047263) 385902.8000N/0765533.3400W (2.26)
72 TRAVERSE_WAY (24-047505) 385901.0900N/0765534.3100W (0.18)	
FINAL TYPE	CIRCLING RWY 33
20:1	
47 FENCE (24-046835) 385837.7400N/0765507.8100W (7.2)	
<u>PENETRATIONS REMARKS:</u>	
CIRCLING RWY 33 20:1 47 FENCE (24-046835) 385837.7400N/0765507.8100W (7.2) PENETRATION IS LIT.	
WAIVER APPROVED FOR RNAV (GPS) RWY 15 20:1 UNLIT TRAIN TRACK (TRAVERSE_WAY (24-047505) 385901.0900N/0765534.3100W (0.18). IT IS OVERSHADOWED BY LIGHTED POLE THAT IS 9 FEET TALLER, AND A LIGHTED FENCE THAT IS 6 FT TALLER.	

HELICOPTER 'VISUAL PORTION OF FINAL' PENETRATIONS

and/or

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

<u>PENETRATIONS REMARKS:</u>

ORDER 8260.3, CHAPTER 2, NEW CIRCLING CRITERIA APPLIED.

385559.31N/0765205.76W

THLD DISPLACED 171FT, ACTUAL COORDINATES: 385838.72N/0765507.27W

AERONAUTICAL INFORMATION SPECIALIST