

**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> KCGS	<u>PROCEDURE NAME</u> RNAV (GPS) RWY 15	<u>ORIGINAL/AMENDMENT</u> ORIG	<u>CITY</u> COLLEGE PARK	<u>STATE</u> MD		
<u>AIRPORT ELEVATION</u> 49	<u>TDZE</u> 47	<u>SUPERSEDED</u>	<u>ORIGINAL/AMENDMENT</u> NONE	<u>DATED</u>	<u>MAG VAR</u> 11W	<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>		

**TAA**

FROM	FIX TYPE	TO	FIX TYPE	ALTITUDE
1. 059/30 CW 239/30	NOPT	059/8 CW 239/8		4000
2. 059/8 CW 239/8		PINEY	IF/IAF	2200
3. 239/30 CW 059/30		239/15 CW 059/15		2600
4. 239/15 CW 059/15		PINEY	IF/IAF	2200

**TERMINAL ROUTES**

FROM	FIX TYPE	TO	FIX TYPE	LEG TYPE	FO/FB	RNP	COURSE	DISTANCE	ALTITUDE
PINEY	IF/IAF	BRNCH		TF	FB	1.00	149.25	5.00	1500
BRNCH	FAF	ZILEX/2.43 NM TO RW15		TF	FB	0.30	149.30	2.01	
ZILEX/2.43 NM TO RW15		RW15	MAP	TF	FO	0.30	149.30	2.43	
RW15	MAP	449 MSL		CA			149.30		
449 MSL		JAXXS		DF	FO	1.00			2100

**MISSED APPROACH**

**MAP:**

LP: RW15  
 LNAV: RW15

**MISSED APPROACH INSTRUCTIONS:**

CLIMB TO 2100 DIRECT JAXXS AND HOLD.

**ALTERNATE MISSED APPROACH INSTRUCTIONS:**





AIRPORT ID  
KCGS

PROCEDURE NAME  
RNAV (GPS) RWY 15

ORIGINAL/AMENDMENT  
ORIG

CITY  
COLLEGE PARK

STATE  
MD

COORDINATED WITH:

A4A  ALPA  AOPA  APA  HAI  NBAA  OTHER: ZDC, DCA APP, APT MGR

FLIGHT CHECKED BY

OFFICE

DATE

DEVELOPED BY

ALLAN WILL (TIMOTHY JOHNSON)

OFFICE

AJV-A423

DATE

11/16/2022

APPROVED BY

ALLAN WILL

OFFICE

AJV-A423

DATE

TITLE  
MANAGER



FAS DATA BLOCK INFORMATION

<u>DATA FIELD</u>	<u>DATA</u>
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KCGS
RUNWAY	RW15
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W15A
LTP/FTP LATITUDE	385856.5580N
LTP/FTP LONGITUDE	0765527.6050W
LTP/FTP ELLIPSOIDAL HEIGHT	-00178
FPAP LATITUDE	385749.9255N
FPAP LONGITUDE	0765411.6670W
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	2016
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	0.0
CRC REMAINDER	1CF854B6

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K6
LTP ORTHOMETRIC HEIGHT	+00144
FPAP ORTHOMETRIC HEIGHT	+00144



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

<u>AIRPORT ID</u> KCGS	<u>PROCEDURE NAME</u> RNAV (GPS) RWY 15	<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**

**STRAIGHT-IN AREA**

<u>FROM</u> 059/30 CW 239/30	<u>TO</u> 059/8 CW 239/8
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RNP      DISTANCE      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>
AAO	392939.00N/0772954.00W	1969	164	98	4E	2000					4000
TERRAIN	392745.00N/0772945.00W	1532 (1500)								AS1500	3000

**COMPUTATIONS**

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

**SEGMENT REMARKS:**

**STRAIGHT-IN AREA**

<u>FROM</u> 059/8 CW 239/8	<u>TO</u> PINEY
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RNP      DISTANCE      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 (24-000343)	391407.07N/0770208.00W	997	250	50	4D	1000					2000
TERRAIN	391224.00N/0770839.00W	659 (700)								AS1500	2200

**COMPUTATIONS**

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

**SEGMENT REMARKS:**



**AIRPORT ID**  
KCGS

**PROCEDURE NAME**  
RNAV (GPS) RWY 15

**AMDT NO.**  
ORIG

**CITY**  
COLLEGE PARK

**STATE**  
MD

**AIRPORT ELEVATION**  
49

**FACILITY**  
RNAV

**STRAIGHT-IN AREA**

**FROM**  
239/30 CW 059/30

**TO**  
239/15 CW 059/15

**RNP**                      **DISTANCE**                      **PAT**                      **MAP**                      **HAT**                      **HMAS**

<b>OBSTRUCTION</b>	<b>COORDINATES</b>	<b>ELEV MSL</b>	<b>HORZ</b>	<b>VERT</b>	<b>AC</b>	<b>ROC</b>	<b>OCS</b>	<b>CG</b>	<b>CGTA</b>	<b>ADJUSTMENTS</b>	<b>MIN ALT</b>
AAO	384821.00N/0773527.00W	588	164	98	4E	2000					2600
TERRAIN	390715.00N/0765906.00W	557 (600)								AS1500	2100

**COMPUTATIONS**

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

**SEGMENT REMARKS:**

**STRAIGHT-IN AREA**

**FROM**  
239/15 CW 059/15

**TO**  
PINEY

**RNP**                      **DISTANCE**                      **PAT**                      **MAP**                      **HAT**                      **HMAS**

<b>OBSTRUCTION</b>	<b>COORDINATES</b>	<b>ELEV MSL</b>	<b>HORZ</b>	<b>VERT</b>	<b>AC</b>	<b>ROC</b>	<b>OCS</b>	<b>CG</b>	<b>CGTA</b>	<b>ADJUSTMENTS</b>	<b>MIN ALT</b>
TOWER (11-020097)	385701.39N/0770445.92W	1102	250	50	4D	1000					2200
TERRAIN	390715.00N/0765906.00W	557 (600)								AS1500	2100

**COMPUTATIONS**

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

**SEGMENT REMARKS:**



**AIRPORT ID**  
KCGS

**PROCEDURE NAME**  
RNAV (GPS) RWY 15

**AMDT NO.**  
ORIG

**CITY**  
COLLEGE PARK

**STATE**  
MD

**AIRPORT ELEVATION**  
49

**FACILITY**  
RNAV

**INTERMEDIATE**

**FROM**  
PINEY (IF/IAF)

**TO**  
BRNCH

**RNP**                      **DISTANCE**                      **PAT**                      **MAP**                      **HAT**                      **HMAS**  
5.00

<b>OBSTRUCTION</b>	<b>COORDINATES</b>	<b>ELEV MSL</b>	<b>HORZ</b>	<b>VERT</b>	<b>AC</b>	<b>ROC</b>	<b>OCS</b>	<b>CG</b>	<b>CGTA</b>	<b>ADJUSTMENTS</b>	<b>MIN ALT</b>
TOWER (24-000321)	390231.00N/0770246.00W	769	20	50	1D	500					1300
TERRAIN	390442.00N/0770018.00W	508 (500)								AS1000	1500

**COMPUTATIONS**

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

**SEGMENT REMARKS:**

FINAL: LP

**FROM**  
BRNCH

**TO**  
ZILEX/2.43 NM TO RW15

**RNP**                      **DISTANCE**                      **PAT**                      **MAP**                      **HAT**                      **HMAS**  
2.01

<b>OBSTRUCTION</b>	<b>COORDINATES</b>	<b>ELEV MSL</b>	<b>HORZ</b>	<b>VERT</b>	<b>AC</b>	<b>ROC</b>	<b>OCS</b>	<b>CG</b>	<b>CGTA</b>	<b>ADJUSTMENTS</b>	<b>MIN ALT</b>
AAO	390119.12N/0765826.08W	520	50	20	2C	250				RA40 DG50	860

**COMPUTATIONS**

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

**SEGMENT REMARKS:**









**AIRPORT ID**  
KCGS

**PROCEDURE NAME**  
RNAV (GPS) RWY 15

**AMDT NO.**  
ORIG

**CITY**  
COLLEGE PARK

**STATE**  
MD

**AIRPORT ELEVATION**  
49

**FACILITY**  
RNAV

**MISSED APPROACH : LP**

**FROM**  
RW15 **TO**  
JAXXS

**RNP**      **DISTANCE**      **PAT**      **MAP**      **HAT**      **HMAS**  
550

<b>OBSTRUCTION</b>	<b>COORDINATES</b>	<b>ELEV MSL</b>	<b>HORZ</b>	<b>VERT</b>	<b>AC</b>	<b>ROC</b>	<b>OCS</b>	<b>CG</b>	<b>CGTA</b>	<b>ADJUSTMENTS</b>	<b>MIN ALT</b>
							ASC				2100
TOWER (24-020010)	385717.83N/0765154.57W	490	50	20	2C	1000					1500
TERRAIN	385139.00N/0765033.00W	275 (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**  
RW15 **TO**  
JAXXS

**RNP**      **DISTANCE**      **PAT**      **MAP**      **HAT**      **HMAS**  
600

<b>OBSTRUCTION</b>	<b>COORDINATES</b>	<b>ELEV MSL</b>	<b>HORZ</b>	<b>VERT</b>	<b>AC</b>	<b>ROC</b>	<b>OCS</b>	<b>CG</b>	<b>CGTA</b>	<b>ADJUSTMENTS</b>	<b>MIN ALT</b>
							ASC				2100
TOWER (24-020010)	385717.83N/0765154.57W	490	50	20	2C	1000					1500
TERRAIN	385139.00N/0765033.00W	275 (300)								AS1500	1800

**COMPUTATIONS**

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

**SEGMENT REMARKS:**



**AIRPORT ID**  
KCGS

**PROCEDURE NAME**  
RNAV (GPS) RWY 15

**AMDT NO.**  
ORIG

**CITY**  
COLLEGE PARK

**STATE**  
MD

**AIRPORT ELEVATION**  
49

**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
<b>CATEGORY A</b>											
BUILDING (24-046137)	385931.40N/0765403.02W	1.30	671	330	20	3	1A	300		SI	720
<b>CATEGORY B</b>											
AAO	385721.75N/0765344.57W	1.81	671	410	50	20	2C	300			720

**CIRCLING REMARKS:**

**CENTER**

**RADIUS**

**REMARKS:**

**NOTES/EXPLANATIONS FROM PROCEDURE SEGMENTS:**

100 FT VEGETATION PER FPT



**PART B: SUPPLEMENTAL DATA**

COMMUNICATIONS WITH

DCA APP CON, DCA FSS

<u>WX SERVICE</u> AWOS-3	<u>LOCATION</u> KCGS	<u>HRS OPERATION</u> 24	<u>ALTIMETER SOURCE</u> KCGS	<u>DISTANCE</u> 0	<u>SERVICE-A</u> Y	<u>ADJUSTMENTS</u> 0
<u>BACK-UP WX SERVICE</u> ASOS	<u>LOCATION</u> KDCA	<u>HRS OPERATION</u> 24	<u>ALTIMETER SOURCE</u> KDCA	<u>DISTANCE</u> 9.42	<u>SERVICE-A</u> Y	<u>ADJUSTMENTS</u> 27

WX REMARKS:

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

<u>PRIMARY NAVAID</u>	<u>MONITOR POINT</u>	<u>HRS OPERATION</u>	<u>CAT</u>
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<u>APPROACH AND RUNWAY LIGHTING SYSTEM</u>	<u>RUNWAY MARKINGS</u>	<u>RUNWAY VISUAL RANGE</u>
RW15 - MIRL (PCL)	NPI-G	
RW33 - MIRL (PCL)	NPI-G	

<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>	<u>TCH</u>
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FINAL APPROACH COURSE AIMING

RUNWAY THRESHOLD	<input checked="" type="checkbox"/>	FT FROM THRESHOLD	DISPLACED THRESHOLD DISTANCE 564
ON CENTERLINE	<input checked="" type="checkbox"/>	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			
92 TREE (24-046340) 385902.83N/0765530.49W (23.63)		121 TREE (24-046376) 385904.78N/0765542.11W (14.76)	



165 TREE (24-046253) 385910.48N/0765551.58W (12.36)	81 POLE (24-046161) 385901.03N/0765534.10W (9.95)
124 TREE (24-046142) 385905.59N/0765544.00W (9.74)	95 TREE (24-047146) 385905.06N/0765533.86W (9.35)
110 TREE (24-047406) 385905.88N/0765538.53W (9)	150 TREE (24-046176) 385910.83N/0765546.66W (8.95)
106 TREE (24-046290) 385905.77N/0765537.23W (8.83)	108 TREE (24-046479) 385905.45N/0765538.77W (7.99)
121 TREE (24-046109) 385908.64N/0765539.18W (7.86)	134 TREE (24-047403) 385908.75N/0765544.09W (7.56)
103 TREE (24-046764) 385904.24N/0765538.82W (7.43)	146 TREE (24-047093) 385910.62N/0765546.11W (7.19)
110 TREE (24-046976) 385906.56N/0765538.32W (6.98)	165 TREE (24-047473) 385914.60N/0765548.13W (5.85)
179 TREE (24-046159) 385913.35N/0765556.04W (3.81)	102 TREE (24-046143) 385903.40N/0765541.09W (3.65)
142 TREE (24-046951) 385909.99N/0765546.97W (3.31)	155 TREE (24-047107) 385912.21N/0765548.80W (3.12)
118 TREE (24-047136) 385907.95N/0765541.08W (2.48)	78 FENCE (24-047263) 385902.80N/0765533.34W (2.26)
86 TREE (24-046932) 385902.77N/0765536.44W (2.24)	180 TREE (24-046294) 385918.01N/0765550.92W (0.64)
72 TRAVERSE_WAY (24-047505) 385901.09N/0765534.31W (0.18)	

Final Type CIRCLING RWY 33

20:1

127 TREE (24-046533) 385829.22N/0765454.25W (19.4)	125 TREE (24-047102) 385829.91N/0765454.01W (19.38)
100 TREE (24-046922) 385833.29N/0765457.06W (15.16)	147 TREE (24-046502) 385826.61N/0765447.37W (11.48)
101 TREE (24-047094) 385832.38N/0765455.73W (9.23)	86 TREE (24-046827) 385834.66N/0765458.05W (8.94)
47 FENCE (24-046835) 385837.74N/0765507.81W (7.19)	99 TREE (24-047075) 385829.72N/0765459.25W (6.42)
159 TREE (24-047169) 385824.25N/0765444.17W (6.16)	149 TREE (24-046469) 385826.11N/0765444.93W (5.19)
162 TREE (24-047203) 385824.01N/0765442.95W (5.06)	163 TREE (24-046512) 385823.39N/0765443.43W (4.97)
146 TREE (24-046190) 385825.44N/0765446.83W (4.64)	158 TREE (24-046078) 385823.78N/0765444.63W (4.6)
93 TREE (24-046476) 385831.47N/0765458.04W (3.85)	161 TREE (24-046448) 385823.21N/0765443.67W (2.92)
182 TREE (24-046325) 385820.49N/0765439.53W (2.78)	146 TREE (24-046885) 385820.89N/0765452.37W (1.98)
141 TREE (24-046769) 385824.57N/0765448.88W (1.73)	86 TREE (24-047345) 385830.24N/0765501.63W (1.63)
139 TREE (24-046162) 385825.39N/0765448.39W (1.55)	170 TREE (24-046349) 385822.16N/0765441.19W (1.44)
97 TREE (24-046750) 385828.54N/0765459.79W (1.37)	135 TREE (24-047308) 385824.88N/0765450.39W (0.87)
145 TREE (24-046127) 385820.95N/0765452.12W (0.56)	178 TREE (24-047026) 385820.24N/0765440.50W (0.38)

Final Type LP AND LNAV

20:1



92 TREE (24-046340) 385902.83N/0765530.49W (23.63)	121 TREE (24-046376) 385904.78N/0765542.11W (14.76)
165 TREE (24-046253) 385910.48N/0765551.58W (12.36)	81 POLE (24-046161) 385901.03N/0765534.10W (9.95)
124 TREE (24-046142) 385905.59N/0765544.00W (9.74)	95 TREE (24-047146) 385905.06N/0765533.86W (9.35)
110 TREE (24-047406) 385905.88N/0765538.53W (9)	150 TREE (24-046176) 385910.83N/0765546.66W (8.95)
106 TREE (24-046290) 385905.77N/0765537.23W (8.83)	108 TREE (24-046479) 385905.45N/0765538.77W (7.99)
121 TREE (24-046109) 385908.64N/0765539.18W (7.86)	134 TREE (24-047403) 385908.75N/0765544.09W (7.56)
103 TREE (24-046764) 385904.24N/0765538.82W (7.43)	146 TREE (24-047093) 385910.62N/0765546.11W (7.19)
110 TREE (24-046976) 385906.56N/0765538.32W (6.98)	165 TREE (24-047473) 385914.60N/0765548.13W (5.85)
179 TREE (24-046159) 385913.35N/0765556.04W (3.81)	102 TREE (24-046143) 385903.40N/0765541.09W (3.65)
142 TREE (24-046951) 385909.99N/0765546.97W (3.31)	155 TREE (24-047107) 385912.21N/0765548.80W (3.12)
118 TREE (24-047136) 385907.95N/0765541.08W (2.48)	78 FENCE (24-047263) 385902.80N/0765533.34W (2.26)
86 TREE (24-046932) 385902.77N/0765536.44W (2.24)	180 TREE (24-046294) 385918.01N/0765550.92W (0.64)
72 TRAVERSE_WAY (24-047505) 385901.09N/0765534.31W (0.18)	

Final Type LP AND LNAV

34:1

249 BUILDING (24-046616) 385932.08N/0765603.76W (73)	194 TREE (24-046757) 385919.83N/0765554.20W (59.99)
236 BUILDING (24-001024) 385933.30N/0765603.90W (57.07)	183 TREE (24-046900) 385917.48N/0765553.44W (55.39)
178 TREE (24-046457) 385916.51N/0765553.28W (52.79)	183 TREE (24-046498) 385919.21N/0765552.66W (52.75)
186 TREE (24-046699) 385920.22N/0765553.45W (52.28)	173 TREE (24-046790) 385916.65N/0765551.70W (49.92)
164 TREE (24-047374) 385912.38N/0765553.19W (48.11)	179 TREE (24-047481) 385919.77N/0765555.47W (43.16)
161 TREE (24-046489) 385915.51N/0765550.36W (42.52)	165 TREE (24-047271) 385915.55N/0765553.08W (42.23)
158 TREE (24-047048) 385915.65N/0765548.58W (41.96)	170 TREE (24-047512) 385915.11N/0765557.54W (41.33)
170 TREE (24-046345) 385916.12N/0765558.94W (36.92)	154 TREE (24-046409) 385914.37N/0765551.23W (36.71)
174 TREE (24-046224) 385919.77N/0765556.55W (36.5)	142 TREE (24-046439) 385913.79N/0765545.26W (35.22)
143 TREE (24-046285) 385914.04N/0765545.68W (35.02)	162 TREE (24-046277) 385916.31N/0765554.86W (34.8)
126 TREE (24-047479) 385907.84N/0765545.84W (31.55)	126 TREE (24-046333) 385912.09N/0765540.84W (29.82)
152 TREE (24-047316) 385918.59N/0765548.40W (29.7)	121 TREE (24-047511) 385910.33N/0765540.26W (29.63)
129 TREE (24-046670) 385910.58N/0765547.95W (25.2)	110 TREE (24-047022) 385909.91N/0765537.69W (23.53)
120 TREE (24-046165) 385911.56N/0765543.07W (21.56)	137 TREE (24-046854) 385912.97N/0765552.31W (21.16)



**AIRPORT ID**  
KCGS

**PROCEDURE NAME**  
RNAV (GPS) RWY 15

**AMDT NO.**  
ORIG

**CITY**  
COLLEGE PARK

**STATE**  
MD

**AIRPORT ELEVATION**  
49

**FACILITY**  
RNAV

156 TREE (24-047415) 385918.40N/0765557.02W (20.82)	159 TREE (24-047252) 385921.07N/0765557.84W (16.61)
108 TREE (24-046269) 385911.42N/0765539.70W (15.07)	201 BUILDING (24-040350) 385931.30N/0765615.60W (8.45)
67 POLE (24-047032) 385859.63N/0765535.14W (7.32)	72 TRAVERSE_WAY (24-047424) 385904.58N/0765532.72W (5.05)
106 POLE (24-046630) 385911.14N/0765547.21W (2.1)	

**HELICOPTER 'VISUAL PORTION OF FINAL' PENETRATIONS**

and/or  
**5280-FT "PROCEED VFR" SEGMENT LEVEL SURFACE AREA PENETRATIONS**

**PENETRATIONS REMARKS:**

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**PART C: GENERAL REMARKS:**

VDP NOT ESTABLISHED - 20:1 PENETRATIONS.

PRECIPITOUS TERRAIN EVALUATION COMPLETED

ORDER 8260.3 CHAPTER 2 APPLIED TO 450 AAO 390037.00N/0765737.00W.  
ORDER 8260.3 CHAPTER 2 APPLIED TO 599 BUILDING (24-000852) 390224.02N/0765931.71W.  
ORDER 8260.3 CHAPTER 2 APPLIED TO 570 AAO 390140.00N/0765915.00W.

ORDER 8260.3, CHAPTER 2, NEW CIRCLING CRITERIA APPLIED.



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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**

<b>DISTANCE FROM</b>	<b>THLD</b>	<b>TO 1000FT POINT</b>	<b>4.11</b>
<b>WIDTH OF</b>	<b>FINAL</b>	<b>SEGMENT AT 1000FT POINT</b>	<b>1.82</b>
<b>TRUE COURSE OF</b>	<b>FINAL</b>	<b>SEGMENT CONTAINING 1000FT POINT</b>	<b>138.30</b>
<b>HIGH TERRAIN IN</b>	<b>FINAL</b>	<b>SEGMENT CONTAINING 1000FT POINT</b>	<b>400</b>
<b>DISTANCE FROM</b>	<b>THLD</b>	<b>TO 1500FT POINT</b>	<b>9.24</b>
<b>WIDTH OF</b>	<b>INTERMEDIATE</b>	<b>SEGMENT AT 1500FT POINT</b>	<b>4.00</b>
<b>TRUE COURSE OF</b>	<b>INTERMEDIATE</b>	<b>SEGMENT CONTAINING 1500FT POINT</b>	<b>138.25</b>
<b>HIGH TERRAIN IN</b>	<b>INTERMEDIATE</b>	<b>SEGMENT CONTAINING 1500FT POINT</b>	<b>500</b>

**THRESHOLD  
COORDINATES** 385856.56N/0765527.61W  
(IF STR-IN)

**ARP COORDINATES** 385849.72N/0765519.81W

**RUNWAY APCH END  
AND DIST FURTHEST  
FROM ARP** RUNWAY 15 DISTANCE 0.25 NM

**FAF  
COORDINATES** 390215.56N/0765914.73W

**FIX NAME  
COORDINATES**

**REMARKS**

TAA:  
PINEY (IF/IAF) 390559.67N/0770331.11W RADIUS: 30 NM.  
NO ADDITIONAL AIRSPACE REQUIRED.  
THLD DISPLACED 564FT, ACTUAL COORDINATES: 385900.73N/0765532.35W.





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AIRPORT ELEVATION  
49

FACILITY  
RNAV

**PART E: PREPARED BY**

**NAME**  
ALLAN WILL (TIMOTHY JOHNSON)

**OFFICE**  
AJV-A423

**DATE**  
11/16/2022

**TITLE**  
AERONAUTICAL INFORMATION SPECIALIST

