

**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> KXSA	<u>PROCEDURE NAME</u> RNAV (GPS) RWY 28	<u>ORIGINAL/AMENDMENT</u> 2A	<u>CITY</u> TAPPAHANNOCK	<u>STATE</u> VA		
<u>AIRPORT ELEVATION</u> 135	<u>TDZE</u> 129	<u>SUPERSEDED</u> RNAV (GPS) RWY 28	<u>ORIGINAL/AMENDMENT</u> 2	<u>DATED</u> 05/25/2017	<u>MAG VAR</u> 11W	<u>EPOCH YEAR</u> 2010
<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>
HCM VORTAC		BEDPE		TF	FB	1.00	020.35	19.77	2000
DUPEY		DURGE		TF	FB	1.00	142.72	5.68	2200
BEDPE	IAF	DESAC		TF	FB	1.00	006.80	6.00	2000
DURGE	IAF	DESAC		TF	FB	1.00	186.79	6.00	2000
DESAC	IF	GUTME		TF	FB	1.00	276.79	6.00	1800
GUTME	FAF	MINTZ/1.80 NM TO RW28		TF	FB	0.30	276.72	3.33	
MINTZ/1.80 NM TO RW28		RW28	MAP	TF	FO	0.30	276.72	1.80	
RW28	MAP	600 MSL		CA			276.72		600
600 MSL		SVILL		DF	FO	1.00			2000

MISSED APPROACH

MAP:

LPV: DA
LNAV/VNAV: DA
LNAV: RW28

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 600 THEN CLIMBING LEFT TURN TO 2000 DIRECT SVILL AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:

QUALITY
35
CHECKED

PROFILE:

1. PT

SIDE OF COURSE

OUTBOUND

FT WITHIN

MILES OF

(IAF)

2. PROFILE STARTS AT DESAC

3. FAC:

276.72

FAF: GUTME

DIST FAF TO MAP: 5.13

DIST FAF TO THLD: 5.13

4. MIN ALT: DESAC 2000, GUTME 1800, MINTZ/1.80 NM TO RW28 740

5. DIST TO THLD FROM OM:

MM:

IM:

150 HAT:

250 HAT: 0.66

GS ANT:

6. MIN GP INCPT:

1800

GP ALT AT PFAF :

GUTME 1800

OM:

MM:

IM:

7. GP ANGLE:

3.00

34:1: IS CLEAR

20:1: IS CLEAR

TCH: 40.0

8. MSA FROM: RW28 2000

PBN REQUIREMENTS NOTE:

RNP APCH - GPS.

NOTES:

CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -15°C OR ABOVE 54°C.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVAL ON HCM VORTAC AIRWAY RADIALS 010 CW 107.

ADDITIONAL FLIGHT DATA:

HOLD NE, LT, 227.77 INBOUND.
FAS OBST: 239 TREE 375159N/0765328W.
CHART R-4006.
CHART VDP AT 1.04 NM TO RW28.
WAAS CHANNEL # 99409
REFERENCE PATH ID: W28A
CHART CIRCLING ICON.
LTP HAE: 5.1 M

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
LPV DA	379	1	250	379	1	250		NA			NA				
LNAV/VNAV DA	402	1	273	402	1	273		NA			NA				
LNAV MDA	500	1	371	500	1	371		NA			NA				
CIRCLING	580	1	445	640	1	505	820	2	685		NA				

QUALITY
35
CHECKED

CHANGES - REASONS

1. TERMINAL ROUTES: UPDATED FEEDER ROUTE RNPS FROM "2.00" TO "1.00" - IAW 8260.58B 8-6-8.
2. PROFILE LINE 4: UPDATED MIN ALT FROM "DESAC 2000, GUTME 1800, MINTZ/1.80 NM TO RW28 740*" TO "DESAC 2000, GUTME 1800, MINTZ/1.80 NM TO RW28 740" - * NO LONGER REQUIRED IAW 8260.19I 8-6-7.
3. PROFILE LINE 7: ADDED 20:1 IS CLEAR - IAW 8260.19I 8-6-7.
4. PBN REQUIREMENT NOTES: ADDED "RNP APCH - GPS" - IAW 8260.19I 8-6-8.
5. NOTES: REMOVED CHART NOTE: DME/DME RNP-0.3 NA" - NO LONGER REQUIRED.
6. NOTES: REMOVED CHART PLANVIEW NOTE FROM "PROCEDURE NA FOR ARRIVALS AT DUPEY VIA V16-20-157 SOUTHWEST BOUND" - V ROUTES CANCELLED IN DUE TO VORMON.
7. NOTES: UPDATED CHART NOTE FROM "FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -15°C (5°F) OR ABOVE 54°C (130°F)" TO "FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -15°C OR ABOVE 54°C" - IAW 8260.19I 8-6-9.
8. MINIMUMS: ALTERNATE: UPDATED FROM "STANDARD" TO "STANDARD - NA WHEN LOCAL WEATHER NOT AVAILABLE" - IAW 8260.19I 8-6-11.
9. REMOVED "LNAV ONLY" FROM ADDITIONAL FLIGHT DATA - NO LONGER REQUIRED PER 8260.19I

COORDINATED WITH:

A4A ☐ **ALPA** ☒ **AOPA** ☒ **APA** ☒ **HAI** ☐ **NBAA** ☒ **OTHER:** ZDC, PCT TRACON, ARPT MGR

FLIGHT CHECKED BY

PROCESSED IAW TECHNICAL SUPPORT GROUP (AJF-17) MEMO DATED 07/07/2021 GUIDANCE FOR PROCEDURAL CHANGES REQUIRING FLIGHT INSPECTION/VALIDATION

OFFICE *Digitally signed by*

DATE

DAVID TEFFETELLER

Dec 23, 2022

DEVELOPED BY

ERIC N SUSKI (JUDITH TUTTLE)

Digitally signed by

OFFICE

DATE

DAVID TEFFETELLER

AJV-A431

12/05/2022

Dec 23, 2022

OFFICE

DATE

AJV-A431

APPROVED BY

ERIC N SUSKI

Digitally signed by

DAVID TEFFETELLER

Dec 23, 2022

TITLE
MANAGER

FAS DATA BLOCK INFORMATION

<u>DATA FIELD</u>	<u>DATA</u>
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KXSA
RUNWAY	RW28
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W28A
LTP/FTP LATITUDE	375136.2090N
LTP/FTP LONGITUDE	0765312.1000W
LTP/FTP ELLIPSOIDAL HEIGHT	+00051
FPAP LATITUDE	375129.4285N
FPAP LONGITUDE	0765504.2830W
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	1440
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0
CRC REMAINDER	64644F51

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K6
LTP ORTHOMETRIC HEIGHT	+00389
FPAP ORTHOMETRIC HEIGHT	+00389



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

<u>AIRPORT ID</u> KXSA	<u>PROCEDURE NAME</u> RNAV (GPS) RWY 28	<u>AMDT NO.</u> 2A	<u>CITY</u> TAPPAHANNOCK	<u>STATE</u> VA	<u>AIRPORT ELEVATION</u> 135	<u>FACILITY</u> RNAV
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PART A: OBSTRUCTION DATA SEGMENTS

FEEDER

FROM
HCM VORTAC

TO
BEDPE

<u>RNP</u>	<u>DISTANCE</u> 19.77	<u>PAT</u>	<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 (51-002083)	374137.16N/0764058.79W		362	20	3	1A	1000				AT638	2000
TERRAIN	373351.00N/0764027.00W		155 (200)								AS1500	1700

COMPUTATIONS

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

SEGMENT REMARKS:

FEEDER

FROM
DUPEY

TO
DURGE

<u>RNP</u>	<u>DISTANCE</u> 5.68	<u>PAT</u>	<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 (51-001279)	375859.47N/0764351.84W		443	500	50	5D	1000				AT557 DG200	2200
TERRAIN	375851.00N/0764348.00W		181 (200)								AS1500	1700

COMPUTATIONS

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

SEGMENT REMARKS:



INITIAL

FROM
BEDPE

TO
DESAC

RNP	DISTANCE 6.00	PAT	MAP	HAT			HMAS					
OBSTRUCTION	COORDINATES		ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
TOWER (51-001266)	375315.00N/0763800.00W		402	500	50	5D	1000				AT598	2000
TERRAIN	375345.00N/0763739.00W		151 (200)								AS1500	1700

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

OBSTACLE DATA UPDATED TO CURRENT OAS DATABASE VALUES.

INITIAL

FROM
DURGE

TO
DESAC

<u>RNP</u>	<u>DISTANCE</u> 6.00	<u>PAT</u>	<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 (51-000639)	375719.39N/0763824.03W		561	50	20	2C	1000				AT439	2000
TERRAIN	375709.00N/0763751.00W		178 (200)								AS1500	1700

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

OBSTACLE DATA UPDATED TO CURRENT OAS DATABASE VALUES.



INTERMEDIATE

FROM
DESAC

TO
GUTME

RNP	DISTANCE 6.00	PAT	MAP	HAT			HMAS					
OBSTRUCTION	COORDINATES		ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
TOWER (51-001176)	375233.00N/0764342.00W		402	500	50	5D	500				AT898	1800
TERRAIN	375324.00N/0764139.00W		171 (200)								AS1500	1700

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

OBSTACLE DATA UPDATED TO CURRENT OAS DATABASE VALUES.

FINAL: LPV

FROM
GUTME

TO
RW28

RNP	DISTANCE 5.13	PAT	MAP DA	HAT 250			HMAS					
OBSTRUCTION	COORDINATES		ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
TREE (51-023934)	375141.24N/0765249.76W		171	50	20	2C		34:1			AC20	379

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

OBSTACLE ID NUMBER UPDATED TO CURRENT OAS DATABASE VALUES.



FINAL: LNAV/VNAV

FROM
GUTME

TO
RW28

RNP	DISTANCE 5.13	PAT	MAP DA	HAT 273			HMAS					
OBSTRUCTION	COORDINATES		ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
TREE	375158.66N/0765328.04W		239	50	20	2C	142				AC20	402

COMPUTATIONS

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

FINAL: LNAV

FROM
GUTME

TO
MINTZ/1.80 NM TO RW28

RNP	DISTANCE 3.33	PAT	MAP	HAT			HMAS					
OBSTRUCTION	COORDINATES		ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
AAO	375118.00N/0764833.00W		320	50	20	2C	250				RA65 DG105	740

COMPUTATIONS

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



FINAL: LNAV STEPDOWN

FROM

MINTZ/1.80 NM TO RW28

TO

RW28

RNP	DISTANCE	PAT	MAP	HAT			HMAS					
	1.80		RW28	371								
OBSTRUCTION	COORDINATES		ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
TREE	375158.66N/0765328.04W		239	50	20	2C	250					500

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

MISSED APPROACH : LPV

FROM

DA

TO

SVILL

RNP	DISTANCE	PAT	MAP	HAT			HMAS					
							191					
OBSTRUCTION	COORDINATES		ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
								ASC				2000
TOWER (51-001289)	374744.89N/0770330.51W		506	20	3	1A	1000					1600
TERRAIN	374824.89N/0770331.56W		200 (200)								AS1500	1700

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



MISSED APPROACH : LNAV/VNAV

FROM
DA

TO
SVILL

RNP	DISTANCE	PAT	MAP	HAT			HMAS 259					
OBSTRUCTION	COORDINATES		ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
								ASC				2000
TOWER (51-001289)	374744.89N/0770330.51W		506	20	3	1A	1000					1600
TERRAIN	374824.89N/0770331.56W		200 (200)								AS1500	1700

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

MISSED APPROACH : LNAV

FROM
RW28

TO
SVILL

RNP	DISTANCE	PAT	MAP	HAT			HMAS 400					
OBSTRUCTION	COORDINATES		ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
								ASC				2000
TOWER (51-001289)	374744.89N/0770330.51W		506	20	3	1A	1000					1600
TERRAIN	374824.89N/0770331.56W		200 (200)								AS1500	1700

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



AIRPORT ID

KXSA

PROCEDURE NAME

RNAV (GPS) RWY 28

AMDT NO.

2A

CITY

TAPPAHANNOCK

STATE

VA

AIRPORT ELEVATION

135

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											
TREE (51-027018)	375129.80N/0765445.53W	1.30	445	262	50	20	2C	300			580
CATEGORY B											
TOWER (51-001755)	375018.75N/0765532.00W	1.81	505	338	20	3	1A	300			640
CATEGORY C											
TOWER (51-001195)	375325.77N/0765240.86W	2.84	685	501	20	3	1A	300			820

CIRCLING REMARKS:

CAT A OBSTACLE ID UPDATED TO CURRENT OAS DATABASE VALUES. CAT C OBSTACLE DATA UPDATED TO CURRENT OAS DATABASE VALUES.

MSA

CENTER

RW28

RADIUS

25

SECTOR	OBSTRUCTION	COORDINATES	BEARING	DISTANCE	ELEV MSL	HORZ	VERT	AC	ROC	OCS	ADJUSTMENTS	MIN ALT
360-360	TWR (51-001056)	374431.77N/0771514.15W	259	18.8	991	100	20	3C	1000			2000

MSA REMARKS:

NOTES/EXPLANATIONS FROM PROCEDURE SEGMENTS:



PART B: SUPPLEMENTAL DATA

COMMUNICATIONS WITH
PCT TRACON, ZDC ARTCC, DCA FSS

<u>WX SERVICE</u> AWOS-3	<u>LOCATION</u> KXSA	<u>HRS OPERATION</u> 24	<u>ALTIMETER SOURCE</u> KXSA	<u>DISTANCE</u> 0	<u>SERVICE-A</u> Y	<u>ADJUSTMENTS</u> 0
<u>BACK-UP WX SERVICE</u> AWOS-3	<u>LOCATION</u> KFYJ	<u>HRS OPERATION</u> 24	<u>ALTIMETER SOURCE</u> KFYJ	<u>DISTANCE</u> 21.25	<u>SERVICE-A</u> Y	<u>ADJUSTMENTS</u> 65

WX REMARKS:
RASS PRESSURE PATTERNS THE SAME
KXSA 135, KFYJ 20
RA = 64.9.

<u>PRIMARY NAVAID</u>	<u>MONITOR POINT</u>	<u>HRS OPERATION</u>	<u>CAT</u>
<u>APPROACH AND RUNWAY LIGHTING SYSTEM</u>		<u>RUNWAY MARKINGS</u>	<u>RUNWAY VISUAL RANGE</u>
RW10 - MIRL (PCL), REIL, PAPI-2L (PCL)		NPI-G	
RW28 - MIRL (PCL), REIL, PAPI-2L (PCL)		NPI-G	

<u>GLIDESLOPE ANGLE</u> 3.00	<u>ELEV RWY THRESHOLD</u> 127.7	<u>TCH</u> 40.0	<u>ELEV GS ANTENNA</u>	<u>DISTANCE FROM RWY</u>	<u>VGSI ANGLE</u> 3.00	<u>TCH</u> 40.0
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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

<u>CRITICAL LOW</u> -15C	<u>CRITICAL HIGH</u> +54C	<u>ACT</u> -15C	<u>APT ISA</u> +14.73C
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CRITICAL TEMPERATURE REMARKS:
AVERAGE COLD TEMPERATURE DERIVED FROM STANDARD -30C ISA DEVIATION.
CRITICAL LOW TEMPERATURE BASED ON ACT.
DESCENT RATE (FPM): STANDARD TEMP 710 HIGH TEMP 1121.

"VISUAL PORTION OF FINAL" PENETRATIONS

HELICOPTER 'VISUAL PORTION OF FINAL' PENETRATIONS



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

PENETRATIONS REMARKS:

PART C: GENERAL REMARKS:
PRECIPITOUS TERRAIN EVALUATION COMPLETED.
VEGETATION HEIGHT OF 100FT USED.
NO TAAS OR HIL DEVELOPED PER ATC AIRSPACE REQUIREMENTS.
PROCEDURE DESIGNED WITH CAT A/B STRAIGHT-IN AND CAT A/B/C FOR CIRCLING PER FPT AND AMGR W/ADO CONCURRENCE.
CONTINGENCY NOTES:
BARO-VNAV AND VDP NA WHEN USING WEST POINT ALTIMETER SETTING.
WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE WEST POINT ALTIMETER SETTING: INCREASE LPV DA TO 444 FEET; INCREASE LNAV/VNAV DA TO 467 FEET; AND INCREASE ALL MDAS 80 FEET AND CIRCLING VISIBILITY CAT C 1/4 SM.
ORDER 8260.3, CHAPTER 2, NEW CIRCLING CRITERIA APPLIED.



<u>AIRPORT ID</u> KXSA	<u>PROCEDURE NAME</u> RNAV (GPS) RWY 28	<u>AMDT NO.</u> 2A	<u>CITY</u> TAPPAHANNOCK	<u>STATE</u> VA	<u>AIRPORT ELEVATION</u> 135	<u>FACILITY</u> RNAV
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PART D: AIRSPACE

DOCKET # NOT REQUIRED.

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	2.92
WIDTH OF	FINAL	SEGMENT AT 1000FT POINT	1.20
TRUE COURSE OF	FINAL	SEGMENT CONTAINING 1000FT POINT	265.72
HIGH TERRAIN IN	FINAL	SEGMENT CONTAINING 1000FT POINT	100
DISTANCE FROM	THLD	TO 1500FT POINT	4.71
WIDTH OF	FINAL	SEGMENT AT 1500FT POINT	1.76
TRUE COURSE OF	FINAL	SEGMENT CONTAINING 1500FT POINT	265.72
HIGH TERRAIN IN	FINAL	SEGMENT CONTAINING 1500FT POINT	100

THRESHOLD
COORDINATES
(IF STR-IN)

375136.21N/0765312.10W

ARP COORDINATES

375134.59N/0765338.83W

RUNWAY APCH END
AND DIST FURTHEST
FROM ARP

RUNWAY 28 DISTANCE 0.35 NM

FAF
COORDINATES

375159.39N/0764644.84W

FIX NAME
COORDINATES

REMARKS

NO ADDITIONAL AIRSPACE REQUIRED.

QUALITY
35
CHECKED

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