

**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> KCXE	<u>PROCEDURE NAME</u> RNAV (GPS) RWY 18	<u>ORIGINAL/AMENDMENT</u> 1D	<u>CITY</u> CHASE CITY	<u>STATE</u> VA		
<u>AIRPORT ELEVATION</u> 503	<u>TDZE</u> 503	<u>SUPERSEDED</u> RNAV (GPS) RWY 18	<u>ORIGINAL/AMENDMENT</u> 1C	<u>DATED</u> 11/07/2019	<u>MAG VAR</u> 9W	<u>EPOCH YEAR</u> 2005
<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>
SBV VORTAC		TEROC		TF	FB	1.00	055.44	25.69	3000
YUDUG	IAF	NASAE		TF	FB	1.00	270.43	7.70	3000
TEROC	IAF	NASAE		TF	FB	1.00	093.56	5.00	3000
NASAE	IF	OCAPI		TF	FB	1.00	183.61	6.25	2100
OCAPI	FAF	RW18	MAP	TF	FO	0.30	183.61	4.87	
RW18	MAP	903 MSL		CA			183.61		903
903 MSL		DOCMO		DF	FO	1.00			3000

MISSED APPROACH

MAP:

LNAV: RW18

MISSED APPROACH INSTRUCTIONS:

CLIMBING LEFT TURN TO 3000 DIRECT DOCMO AND HOLD, CONTINUE CLIMB-IN-HOLD TO 3000.

ALTERNATE MISSED APPROACH INSTRUCTIONS:

QUALITY
16
CHECKED

PROFILE:

1. PT SIDE OF COURSE OUTBOUND FT WITHIN MILES OF (IAF)

2. PROFILE STARTS AT NASAE

3. FAF: 183.61 FAF: OCAPI DIST FAF TO MAP: 4.87 DIST FAF TO THLD: 4.87

4. MIN ALT: NASAE 3000, OCAPI 2100

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: RW18 2600

PBN REQUIREMENTS NOTE:

RNP APCH - GPS.

NOTES:

CHART NOTE: PROCEDURE NA AT NIGHT.
CHART NOTE: RWY 18 HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVAL ON SBV VORTAC AIRWAY RADIALS 032 CW 086.

ADDITIONAL FLIGHT DATA:

CHART FARMVILLE MOA
CHART FAS OBST: 799 TOWER (51-022594) 365134N/0783032W
HOLD SW, LT, 042.67 INBOUND.
CHART PROFILE NOTE: VISUAL SEGMENT - OBSTACLES.

MINIMUMS:

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

ALTERNATE: NA ☐ CAT A 1100-3, CAT B 1100-3 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
LNAV MDA	1520	3	1017	1520	3	1017		NA			NA				

CHANGES - REASONS

1. UPDATED ALTIMETER TO LOCAL ALTIMETER, REMOVE KDAN, USE KAVC UPDATE SECONDARY ALTIMETER MDA - AWOS-3 ON FIELD
2. NEW FINAL CONTROLLING OBSTACLE - DATABASE UPDATE
3. REMOVE VGS1 NOTE - NO VASI ON FIELD
4. NEW CONTROLLING OBSTACLE FOR BOTH INITIAL LEGS - DATABASE UPDATE
5. NEW CONTROLLING OBSTACLE FOR INTERMEDIATE SEGMENT - DATABASE UPDATE
6. NEW CONTROLLING OBSTACLES FOR MISSED APPROACH - DATABASE UPDATE
7. ADDED CHART NOTE 20:1 IS NOT CLEAR - 8260.19 CRITERIA 8-6-7
8. UPDATED PBN REQUIREMENTS NOTE - 8260.19 CRITERIA 8-6-8
9. ADDED CHART PROFILE NOTE: VISUAL SEGMENT-OBSTACLES - FLIGHT CHECK REQUIRED
10. DELETED VDA - VISUAL SEGMENT OBSTACLES.
11. ADDED ALTERNATE MINIMUMS - ON FIELD AWOS-3.



AIRPORT ID
KCXE

PROCEDURE NAME
RNAV (GPS) RWY 18

ORIGINAL/AMENDMENT
1D

CITY
CHASE CITY

STATE
VA

COORDINATED WITH:

A4A ☐ ALPA ☐ AOPA ☒ APA ☐ HAI ☐ NBAA ☒ OTHER: ZDC, ARPT MGR, VA DOT

FLIGHT CHECKED BY

BOB S PRESSLER

OFFICE

FPO

DATE

08/04/2022

Digitally signed by

DAVID TEFFETELLER

Aug 12, 2022

DEVELOPED BY

CASIMIR L. TABAKA (CHARLES HIRST)

Digitally signed by

CHARLES HIRST

Jun 22, 2022

OFFICE

AJV-A431

DATE

05/24/2022

APPROVED BY

CASIMIR TABAKA

Digitally signed by

ERIC N SUSKI

Jun 27, 2022

OFFICE

AJV-A431

DATE

TITLE

MANAGER



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

<u>AIRPORT ID</u> KCXE	<u>PROCEDURE NAME</u> RNAV (GPS) RWY 18	<u>AMDT NO.</u> 1D	<u>CITY</u> CHASE CITY	<u>STATE</u> VA	<u>AIRPORT ELEVATION</u> 503	<u>FACILITY</u> RNAV
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PART A: OBSTRUCTION DATA SEGMENTS

FEEDER

FROM SBV VORTAC TO TEROC

<u>RNP</u>	<u>DISTANCE</u> 25.69	<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 (51-001114)	364359.21N/0785602.02W		975	20	3	1A	1000				AT1025	3000
TERRAIN	365306.00N/0784748.00W		580 (600)								AT2400	3000

COMPUTATIONS

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

SEGMENT REMARKS:

INITIAL

FROM YUDUG TO NASAE

<u>RNP</u>	<u>DISTANCE</u> 7.70	<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 (51-077580)	365717.95N/0783115.76W		870	50	20	2C	1000				AT1130	3000
TERRAIN	370045.00N/0782903.00W		659 (700)								AS1500	2200

COMPUTATIONS

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

SEGMENT REMARKS:



INITIAL

FROM
TEROC

TO
NASAE

RNP	DISTANCE 5.00	PAT	MAP	HAT			HMAS					
OBSTRUCTION	COORDINATES		ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
TOWER (51-077580)	365717.95N/0783115.76W		870	50	20	2C	1000				AT1130	3000
TERRAIN	370036.00N/0783054.00W		590 (600)								AS1500	2100

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

INTERMEDIATE

FROM
NASAE

TO
OCAPI

RNP	DISTANCE 6.25	PAT	MAP	HAT			HMAS					
OBSTRUCTION	COORDINATES		ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
TOWER (51-077580)	365717.95N/0783115.76W		870	50	20	2C	500				AT730	2100
TERRAIN	365539.00N/0782948.00W		633 (600)								AS1500	2100

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:



FINAL: LNAV

FROM

OCAPI

TO

RW18

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>	<u>HAT</u>			<u>HMAS</u>				
	4.87		RW18			1017					
<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 (51-022594)	365133.50N/0783032.30W	799	50	20	2C	250				XP471	1520

COMPUTATIONS

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

XP=VA DEPT OF AVIATION/FPT REQUEST FOR CURRENT MDA AND 3SM VISIBILITY

MISSED APPROACH : LNAV

FROM

RW18

TO

DOCMO

RNP	DISTANCE	PAT	MAP	HAT			HMAS 1359					
OBSTRUCTION	COORDINATES		ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
								ASC				3000
TOWER (51-022784)	365251.76N/0782314.37W		803	50	20	2C	1000					1900
TERRAIN	364851.00N/0782909.00W		623 (600)								AS1500	2100

COMPUTATIONS

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

CIRCLING

☐ ALL CATS

☐ CAT A

☐ CAT B

☐ CAT C

☐ CAT D

☐ CAT E

☒ NOT AUTHORIZED



MSA

CENTER

RW18

RADIUS

25

SECTOR	OBSTRUCTION	COORDINATES	BEARING	DISTANCE	ELEV MSL	HORZ	VERT	AC	ROC	OCS	ADJUSTMENTS	MIN ALT
360-360	TWR (37-001106)	362053.00N/0783959.00W	206	27.8	1505	500	125	5E	1000			2600

MSA REMARKS:

NOTES/EXPLANATIONS FROM PROCEDURE SEGMENTS:

PART B: SUPPLEMENTAL DATA

COMMUNICATIONS WITH
ZDC ARTCC, DCA FSS

<u>WX SERVICE</u> AWOS-3	<u>LOCATION</u> KCXE	<u>HRS OPERATION</u> 24	<u>ALTIMETER SOURCE</u> KCXE	<u>DISTANCE</u> 0	<u>SERVICE-A</u> Y	<u>ADJUSTMENTS</u> 0
<u>BACK-UP WX SERVICE</u> AWOS-3	<u>LOCATION</u> KAVC	<u>HRS OPERATION</u> 24	<u>ALTIMETER SOURCE</u> KAVC	<u>DISTANCE</u> 22.38	<u>SERVICE-A</u> Y	<u>ADJUSTMENTS</u> 67.8

WX REMARKS:

<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>
RW18 - TRCV-TRIL, LIRL		NPI-G	
RW36 - TRCV-TRIL, LIRL		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>
<u>FINAL APPROACH COURSE AIMING</u>						
RUNWAY THRESHOLD	<input checked="" type="checkbox"/>	FT FROM THRESHOLD	DISPLACED THRESHOLD DISTANCE			
ON CENTERLINE	<input checked="" type="checkbox"/>	FT FROM CENTERLINE				
<u>CRITICAL TEMPERATURES</u>						
<u>CRITICAL LOW</u>	<u>CRITICAL HIGH</u>	<u>ACT</u>	<u>APT ISA</u>			

CRITICAL TEMPERATURE REMARKS:

"VISUAL PORTION OF FINAL" PENETRATIONS

PENETRATIONS REMARKS:

20:1/34:1 ASSUMED - NO SURVEY



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.

KCXE AWOS-3 AND KAVC AWOS-3 CONNECTED TO SERVICE-A.

FLIGHT INSPECTION RESULTS DO NOT WARRANT A VDA.

COMPUTED PROCEDURE VDA/TCH: 3.00/45.00, REMOVED PER FLIGHT INSPECTON

CONTINGENCY NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED USE SOUTH HILL KAVC ALTIMETER SETTING
VEGETATION HEIGHT OF 100 FEET USED, PER FPT

LP/VNAV NOT ESTABLISHED DUE TO LACK OF SURVEY.
TAA NOT USED, ATC REQUEST.



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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

DISTANCE FROM	THLD	TO 1000FT POINT	3.20
WIDTH OF	FINAL	SEGMENT AT 1000FT POINT	1.20
TRUE COURSE OF	FINAL	SEGMENT CONTAINING 1000FT POINT	174.61
HIGH TERRAIN IN	FINAL	SEGMENT CONTAINING 1000FT POINT	600
DISTANCE FROM	THLD	TO 1500FT POINT	4.87
WIDTH OF	FINAL	SEGMENT AT 1500FT POINT	2.13
TRUE COURSE OF	FINAL	SEGMENT CONTAINING 1500FT POINT	174.61
HIGH TERRAIN IN	FINAL	SEGMENT CONTAINING 1500FT POINT	600

THRESHOLD
COORDINATES
(IF STR-IN)

364734.70N/0783007.53W

ARP COORDINATES

364718.01N/0783005.59W

RUNWAY APCH END
AND DIST FURTHEST
FROM ARP

RUNWAY 36 DISTANCE 0.28 NM

FAF
COORDINATES

365226.20N/0783041.70W

FIX NAME
COORDINATES

REMARKS

NO ADDITIONAL AIRSPACE REQUIRED

QUALITY
16
CHECKED

FAA Form 8260-9 / (11/16) Supersedes Previous Edition

Electronic Version

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PART E: PREPARED BY

<u>NAME</u> CASIMIR L. TABAKA (CHARLES HIRST)	<u>OFFICE</u> AJV-A431	<u>DATE</u> 05/24/2022	<u>TITLE</u> AERONAUTICAL INFORMATION SPECIALIST
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