

FEDERAL AVIATION ADMINISTRATION
FLIGHT STANDARDS SERVICE
VOR STANDARD INSTRUMENT APPROACH PROCEDURE
TITLE 14 CFR PART 97.23

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</u> ST SIMONS ISLAND	<u>AIRPORT ID</u> KSSI	<u>PROCEDURE NAME</u> VOR RWY 4	<u>ORIGINAL/AMENDMENT</u> 16A	<u>CITY</u> ST SIMONS ISLAND	<u>STATE</u> GA	
<u>AIRPORT ELEVATION</u> 19	<u>TDZE</u> 16	<u>SUPERSEDED</u> VOR RWY 4	<u>ORIGINAL/AMENDMENT</u> 16	<u>DATED</u> 07/10/2003	<u>MAG VAR</u> 4W	<u>EPOCH YEAR</u> 1985
<u>FACILITY</u> SSI	<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>
WIGID/SSI 7.00 DME CCW	IAF	HASAP/SSI 7.00 DME	NOPT				7.00 DME ARC		2000
HASAP/SSI 7.00 DME	IF	SSI VORTAC					027.28	7.00	2000

MISSED APPROACH

MAP:

6.32 NM AFTER SSI VORTAC OR AT SSI 6.32 DME

MISSED APPROACH INSTRUCTIONS:

CLIMBING RIGHT TURN TO 2000 DIRECT SSI VORTAC AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:

PROFILE:

1. PT L **SIDE OF COURSE** 207.28 **OUTBOUND** 2000 **FT WITHIN** 10 **MILES OF** SSI VORTAC (IAF)
2.
3. **FAC:** 027.28 **FAF:** SSI VORTAC **DIST FAF TO MAP:** 6.32 **DIST FAF TO THLD:** 6.32
4. **MIN ALT:** SSI VORTAC 2000
8. **MSA FROM:** SSI VORTAC 2700

EQUIPMENT REQUIREMENTS NOTES:

NOTES:

CHART PROFILE NOTE: VGSI AND DESCENT ANGLES NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET}).
CHART NOTE: RWY 4 HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED.
CHART NOTE: CIRCLING RWY 16, 22, 34 NA AT NIGHT.



<u>AIRPORT</u> ST SIMONS ISLAND	<u>AIRPORT ID</u> KSSI	<u>PROCEDURE NAME</u> VOR RWY 4	<u>ORIGINAL/AMENDMENT</u> 16A	<u>CITY</u> ST SIMONS ISLAND	<u>STATE</u> GA
------------------------------------	---------------------------	------------------------------------	----------------------------------	---------------------------------	--------------------

ADDITIONAL FLIGHT DATA:
SSI VORTAC TO RW04: 2.91/34.
CHART SSI R-302 AT WIGID.
CHART FAS OBST: 180 TANK 310556N/0812428W.
HOLD SW, RT, 027.28 INBOUND

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

ALTERNATE: NA ☐ STANDARD

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
S-04	500	1	484	500	1	484	500	1 3/8	484	500	1 1/2	484			
CIRCLING	500	1	481	500	1	481	500	1 1/2	481	580	2	561			

CHANGES - REASONS

1. CHANGED AIRPORT NAME FROM "MCKINNON ST. SIMONS ISLAND" TO "ST SIMONS ISLAND" - AIPORT NAME OFFICIALLY CHANGED.
2. ADDED CHART NOTE "RWY 4 HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED" - 34:1 PENETRATIONS EXIST AND PER 8260.19H PARA 8-6-11 K. (3).
3. ADDED CHART NOTE "CIRCLING RWY 16, 22, 34 NA AT NIGHT" - 20:1 PENETRATIONS AND PER 8260.19H PARA 8-6-11 O.(2)(C) AND (G).
4. REMOVED CHART NOTE "IF LOCAL ALTIMETER SETTING NOT RECEIVED, USE JACKSONVILLE INTL ALTIMETER SETTING AND INCREASE ALL MDA'S 100 FT" - KSSI IS ON WMSCR - NOTE NO LONGER REQUIRED PER 8260.19H PARA 8-6-9 F.(3).
5. RAISED S-04 CAT C VIS FROM 1 1/4 TO 1 3/8 - PER 8260.3D TABLE 3-3-1.

COORDINATED WITH:
A4A ☐ ALPA ☒ AOPA ☒ APA ☐ HAI ☐ NBAA ☒ OTHER: ZJX, APT MGR.

FLIGHT CHECKED BY
PROCESSED IAW AIRCRAFT OPERATIONS GROUP (AJW-33) MEMO, OCTOBER 3, 2018, SUBJECT:
FLIGHT INSPECTION REVIEW NOT REQUIRED

DEVELOPED BY
VICTOR BOONE

APPROVED BY
LONNIE EVERHART

Digitally signed by
VICTOR C BOONE
Feb 05, 2019

Digitally signed by
MARK D ADAMS
Feb 11, 2019

OFFICE
AJV-A412

OFFICE
AJV-A41

Digitally signed by
MARK D ADAMS
Feb 11, 2019

DATE
12/18/2018

DATE

TITLE
MANAGER



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

AIRPORT	AIRPORT ID	PROCEDURE NAME	AMDT NO.	CITY	STATE	AIRPORT ELEVATION	FACILITY
ST SIMONS ISLAND	KSSI	VOR RWY 4	16A	ST SIMONS ISLAND	GA	19	SSI

PART A: OBSTRUCTION DATA SEGMENTS

INITIAL: ARC

FROM WIGID/SSI 7.00 DME CCW TO HASAP/SSI 7.00 DME

<u>RNP</u>	<u>DISTANCE</u>	<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>
1.TOWER (11-2162)	310344.00N/0813852.00W		505	500	50	5D	1000				DG495	2000
TERRAIN	310633.00N/0813615.00W		99 (100)								AS1500	1600

COMPUTATIONS

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

SEGMENT REMARKS:

INTERMEDIATE

FROM HASAP/SSI 7.00 DME TO SSI VORTAC

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>	<u>HAT</u>			<u>HMAS</u>				
	7.00										
<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>
2.TOWER (11-0418)	310111.00N/0812557.00W	348	100	20	3C	500				DG1152	2000
TERRAIN	305542.00N/0812642.00W	102 (100)								AS1500	1600

COMPUTATIONS

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

SEGMENT REMARKS:



INTERMEDIATE: PT

FROM

10 NM

TO

SSI VORTAC

RNP	DISTANCE	PAT	MAP	HAT	HMAS							
	10.00											
OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT	
3.TOWER (11-1367)	305538.00N/0813048.00W	195	500	50	5D	500				DG1305	2000	
TERRAIN	305621.00N/0813112.00W	69 (100)								AS1500	1600	

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

SEGMENT REMARKS:

FINAL

FROM

SSI VORTAC

TO

6.32 NM AFTER SSI VORTAC OR AT SSI 6.32 DME

RNP	DISTANCE	PAT	MAP	HAT	HMAS							
	6.32		6.32 NM AFTER SSI VORTAC OR AT SSI 6.32 DME	484								
OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT	
4.TANK (11-2386)	310556.00N/0812428.00W	180	250	50	4D	250				XL16 AC50	500	

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

SEGMENT REMARKS:



PROCEDURE TURN

FROM

SSI VORTAC

TO

10 NM

<u>RNP</u>	<u>DISTANCE</u>	<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>
5.TOWER (11-1687)	305003.00N/0813354.00W	417	500	50	5D	1000				DG583	2000
TERRAIN	305542.00N/0812642.00W	102 (100)								AS1500	1600

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

MISSED APPROACH

FROM

6.32 NM AFTER SSI VORTAC OR AT SSI 6.32 DME

TO

SSI VORTAC

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>	<u>HAT</u>			<u>HMAS</u> 234				
<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				2000

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											
6.TWR (OC CHART)	310850.00N/0812504.00W	1.30	481	151	50	20	2C	300		SI	500
CATEGORY B											
6.TWR (OC CHART)	310850.00N/0812504.00W	1.50	481	151	50	20	2C	300		SI	500
CATEGORY C											
6.TWR (OC CHART)	310850.00N/0812504.00W	1.70	481	151	50	20	2C	300		SI	500
CATEGORY D											
7.TWR (11-1531)	311107.00N/0812242.00W	2.30	561	160	250	50	4D	300		HAA	580

CIRCLING REMARKS:

MSA

CENTER

SSI VORTAC

RADIUS

25

SECTOR	OBSTRUCTION	COORDINATES	BEARING	DISTANCE	ELEV MSL	HORZ	VERT	AC	ROC	OCS	ADJUSTMENTS	MIN ALT
360-360	TWR (11-1501)	304918.00N/0814412.00W	232	20.3	1641	500	50	5D	1000			2700

MSA REMARKS:

NOTES/EXPLANATIONS FROM PROCEDURE SEGMENTS:





<u>AIRPORT</u>		<u>AIRPORT ID</u>	<u>PROCEDURE NAME</u>	<u>AMDT NO.</u>	<u>CITY</u>	<u>STATE</u>	<u>AIRPORT ELEVATION</u>	<u>FACILITY</u>
ST SIMONS ISLAND		KSSI	VOR RWY 4	16A	ST SIMONS ISLAND	GA	19	SSI
50 TREE (13-036389) 310929.80N/0812323.18W (1.9)				54 TREE (13-098541) 310930.81N/0812322.89W (1.86)				
96 TREE (13-036392) 310935.75N/0812333.21W (1.84)				52 TREE (13-036228) 310929.67N/0812324.65W (1.71)				
76 TREE (13-036231) 310932.72N/0812330.50W (0.75)								
Final Type	CIRCLING RUNWAY 22							
20:1								
61 TREE (13-098537) 310931.70N/0812319.51W (0.94)								
Final Type	CIRCLING RUNWAY 34							
20:1								
76 TREE (13-037580) 310842.98N/0812300.96W (25.1)				86 TREE (13-037412) 310841.32N/0812259.34W (24.49)				
80 TREE (13-037572) 310843.27N/0812256.95W (22.82)				62 TREE (13-037491) 310844.96N/0812302.24W (22.53)				
65 TREE (13-037477) 310844.53N/0812300.76W (20.77)				78 TREE (13-037417) 310841.76N/0812300.32W (20.34)				
69 TREE (13-037581) 310844.09N/0812258.44W (18.37)				66 TREE (13-037474) 310844.20N/0812259.61W (18.09)				
74 TREE (13-037574) 310842.59N/0812258.99W (17.59)				71 TREE (13-037576) 310842.56N/0812300.32W (16.98)				
75 TREE (13-037415) 310843.35N/0812255.60W (15.62)				76 TREE (13-037413) 310841.82N/0812258.19W (14.58)				
77 TREE (13-037411) 310840.49N/0812300.53W (13.97)				82 TREE (13-037210) 310839.97N/0812257.33W (10.54)				
63 TREE (13-037575) 310843.11N/0812257.93W (6.95)				56 POLE (13-022102) 310845.21N/0812256.54W (6.86)				
119 TOWER (13-022141) 310832.59N/0812252.70W (5.21)				64 TREE (13-099012) 310842.18N/0812256.48W (0.97)				
76 TREE (13-037205) 310839.36N/0812256.61W (0.4)								
Final Type	S-04							
34:1								
93 TREE (13-036301) 310838.26N/0812407.83W (31.27)				98 TREE (13-036347) 310836.37N/0812409.87W (28.66)				
75 TREE (13-037330) 310840.51N/0812403.84W (24.68)				95 TREE (13-036351) 310831.59N/0812403.25W (24.15)				
78 TREE (13-036408) 310839.87N/0812405.17W (24.14)				72 TREE (13-037332) 310839.69N/0812402.85W (21.2)				
92 TREE (13-036352) 310830.69N/0812402.07W (20.77)				71 TREE (13-099076) 310837.72N/0812359.46W (20.58)				
87 TREE (13-036342) 310835.97N/0812407.82W (19.79)				79 TREE (13-099286) 310836.13N/0812403.85W (18.15)				
80 TREE (13-036302) 310837.05N/0812406.22W (17.79)				75 TREE (13-036296) 310837.13N/0812403.40W (17.23)				
87 TREE (13-036349) 310832.19N/0812403.53W (17.17)				83 TREE (13-036343) 310832.83N/0812402.93W (15.61)				
80 TREE (13-098495) 310836.08N/0812406.70W (14.74)				84 TREE (13-036348) 310835.11N/0812407.89W (14.62)				
57 TREE (13-037313) 310839.45N/0812357.39W (13.85)				71 TREE (13-036411) 310838.31N/0812405.09W (13.52)				
66 TREE (13-037361) 310836.60N/0812359.63W (12.64)				56 TREE (13-037315) 310840.44N/0812359.20W (12.5)				

QUALITY

24

CHECKED



<u>AIRPORT</u>	<u>AIRPORT ID</u>	<u>PROCEDURE NAME</u>	<u>AMDT NO.</u>	<u>CITY</u>	<u>STATE</u>	<u>AIRPORT ELEVATION</u>	<u>FACILITY</u>
ST SIMONS ISLAND	KSSI	VOR RWY 4	16A	ST SIMONS ISLAND	GA	19	SSI
66 TREE (13-036410) 310837.78N/0812402.42W (11.27)			63 TREE (13-037360) 310836.11N/0812358.35W (10.39)				
65 TREE (13-098492) 310839.07N/0812404.43W (10.34)			73 TREE (13-036308) 310834.39N/0812403.24W (8.89)				
75 TREE (13-036341) 310833.45N/0812403.18W (8.73)			97 TREE (13-036961) 310830.11N/0812412.56W (8.58)				
72 TREE (13-036304) 310835.07N/0812403.89W (8.55)			53 TREE (13-099075) 310839.70N/0812358.88W (8.21)				
51 TREE (13-037318) 310840.33N/0812400.39W (5.45)			40 POLE (13-022078) 310844.53N/0812359.81W (5.4)				
82 TREE (13-037085) 310832.78N/0812409.18W (5.08)			57 TREE (13-037359) 310838.86N/0812402.84W (4.23)				
51 TREE (13-037328) 310840.58N/0812402.31W (3.15)			71 TREE (13-036344) 310835.00N/0812406.82W (2.96)				
51 TREE (13-037329) 310839.95N/0812401.71W (2.55)			77 TREE (13-037082) 310833.83N/0812409.21W (2.55)				
99 TREE (13-036741) 310826.98N/0812412.96W (2.46)			76 TREE (13-037081) 310834.41N/0812410.01W (1.74)				
81 TREE (13-036916) 310832.03N/0812410.02W (1.01)							

HELICOPTER 'VISUAL PORTION OF FINAL' PENETRATIONS

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

PART C: GENERAL REMARKS:

VDP NOT ESTABLISHED - VDP LESS THAN 0.5 NM FROM MAP.

CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE JACKSONVILLE INTL SETTING AND INCREASE ALL MDA 100 FT AND INCREASE S-04 CAT C VISIBILITY 3/8 SM, CAT D VISIBILITY 1/4 SM, AND CIRCLING CAT C VISIBILITY 1/4 SM.



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	3.07
WIDTH OF	FINAL	SEGMENT AT 1000FT POINT	2.33
TRUE COURSE OF	FINAL	SEGMENT CONTAINING 1000FT POINT	023.28
HIGH TERRAIN IN	FINAL	SEGMENT CONTAINING 1000FT POINT	26
DISTANCE FROM	THLD	TO 1500FT POINT	5.37
WIDTH OF	FINAL	SEGMENT AT 1500FT POINT	2.31
TRUE COURSE OF	FINAL	SEGMENT CONTAINING 1500FT POINT	023.28
HIGH TERRAIN IN	FINAL	SEGMENT CONTAINING 1500FT POINT	26

THRESHOLD
COORDINATES
(IF STR-IN)310850.80N/0812350.90W

ARP COORDINATES310907.10N/0812327.80W

RUNWAY APCH END
AND DIST FURTHEST
FROM ARP

RUNWAY 16 DISTANCE 0.54 NM

FAF
COORDINATES310301.87N/0812645.48W

FIX NAME
COORDINATES

REMARKS

THLD DISPLACED 782.471FT, ACTUAL COORDINATES: 310844.55N/0812356.21W.



<u>AIRPORT</u> ST SIMONS ISLAND	<u>AIRPORT ID</u> KSSI	<u>PROCEDURE NAME</u> VOR RWY 4	<u>AMDT NO.</u> 16A	<u>CITY</u> ST SIMONS ISLAND	<u>STATE</u> GA	<u>AIRPORT ELEVATION</u> 19	<u>FACILITY</u> SSI
PART E: PREPARED BY							
<u>NAME</u> VICTOR BOONE	<u>OFFICE</u> AJV-A412			<u>DATE</u> 12/18/2018	<u>TITLE</u> AERONAUTICAL INFORMATION SPECIALIST		

QUALITY
24
CHECKED

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

Electronic Version

Page 9 of 9