

**UNITED STATES AIR FORCE
FLIGHT STANDARDS SERVICE
TACAN STANDARD INSTRUMENT APPROACH PROCEDURE**

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> KJAX	<u>PROCEDURE NAME</u> HI - TACAN RWY 14		<u>ORIGINAL/AMENDMENT</u> 4C	<u>CITY</u> JACKSONVILLE	<u>STATE</u> FL	
<u>AIRPORT ELEVATION</u> 30	<u>TDZE</u> 27	<u>SUPERSEDED</u> HI - TACAN RWY 14	<u>ORIGINAL/AMENDMENT</u> 4B	<u>DATED</u> 11/05/2020	<u>MAG VAR</u> 3W	<u>EPOCH YEAR</u> 1985
<u>FACILITY</u> CRG VORTAC	<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>
BIGGS/CRG 42.00 DME	IAF	ZIDSO/CRG 30.00 DME					135.86	12.00 (CRG R-316)	6000
ZIDSO/CRG 30.00 DME		HAMOC/CRG 23.00 DME					135.86	7.00 (CRG R-316)	1900
HAMOC/CRG 23.00 DME	IF	UWBUY/CRG 18.29 DME					135.86	4.71 (CRG R-316)	1700
UWBUY/CRG 18.29 DME		CUNUL/CRG 16.40 DME					135.86	1.89 (CRG R-316)	1100

MISSED APPROACH

MAP:

CRG 13.50 DME

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 2000 THEN CLIMBING LEFT TURN TO 4000 ON CRG VORTAC R-316 TO HAMOC/CRG 23.00 DME AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:

PROFILE:

1. PT SIDE OF COURSE OUTBOUND FT WITHIN MILES OF (IAF)
2. PROFILE STARTS AT BIGGS
3. FAC: 135.86 FAF: CUNUL/CRG 16.40 DME DIST FAF TO MAP: DIST FAF TO THLD: 2.90
4. MIN ALT: BIGGS/CRG 42.00 DME 16000, ZIDSO/CRG 30.00 DME 6000, HAMOC/CRG 23.00 DME 1900, UWBUY/CRG 18.29 DME 1700, CUNUL/CRG 16.40 DME 1100
8. MSA FROM: CRG VORTAC 2100, ESA W/IN 100 NM 2800

QUALITY
10
CHECKED

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

<u>AIRPORT ID</u> KJAX	<u>PROCEDURE NAME</u> HI - TACAN RWY 14	<u>AMDT NO.</u> 4C	<u>CITY</u> JACKSONVILLE	<u>STATE</u> FL	<u>AIRPORT ELEVATION</u> 30	<u>FACILITY</u> CRG VORTAC
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PART A: OBSTRUCTION DATA SEGMENTS

INITIAL

FROM
BIGGS/CRG 42.00 DME

TO
ZIDSO/CRG 30.00 DME

<u>RNP</u>	<u>DISTANCE</u> 12.00	<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>
												3.TOWER (13-002179)	304723.00N/0820749.00W	461	500	50	5D	1000				AT4539	6000
												4.TERRAIN	304642.00N/0820700.00W	194 (200)								AS1500	1700

COMPUTATIONS

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

INITIAL: STEPDOWN

FROM
ZIDSO/CRG 30.00 DME

TO
HAMOC/CRG 23.00 DME

<u>RNP</u>	<u>DISTANCE</u> 7.00	<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>
												5.TOWER (12-000840)	303631.00N/0814955.00W	491	500	50	5D	1000				AT409	1900
												6.TERRAIN	304036.00N/0815557.00W	109 (100)								AS1500	1600

COMPUTATIONS

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



INTERMEDIATE

FROM
HAMOC/CRG 23.00 DME

TO
UWBUY/CRG 18.29 DME

RNP	DISTANCE 4.71	PAT	MAP	HAT			HMAS					
OBSTRUCTION	COORDINATES		ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
5.TOWER (12-000840)	303631.00N/0814955.00W		491	500	50	5D	500				AT703	1700
7.TERRAIN	303303.00N/0815315.00W		83 (100)								AS1500	1600

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

SEGMENT REMARKS:

INTERMEDIATE: STEPDOWN

FROM
UWBUY/CRG 18.29 DME

TO
CUNUL/CRG 16.40 DME

RNP	DISTANCE 1.89	PAT	MAP	HAT			HMAS					
OBSTRUCTION	COORDINATES		ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
8.AAO	303117.10N/0814648.06W		229	50	20	2C	500				AT371	1100
9.TERRAIN	303117.10N/0814648.06W		29 (0)								AS1000	1000

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

SEGMENT REMARKS:



FINAL

FROM

CUNUL/CRG 16.40 DME

TO

CRG 13.50 DME

RNP	DISTANCE	PAT	MAP	HAT			HMAS					
	2.90		CRG 13.50 DME	373(CDE)								
OBSTRUCTION	COORDINATES		ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
CAT C: 10.TREE (12-055074)	302906.78N/0814301.92W		140	20	10	1B	250					400

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

FROM

CRG 13.50 DME

TO

HAMOC/CRG 23.00 DME

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>	<u>HAT</u>			<u>HMAS</u> 150					
<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				4000
11.STACK (12-002017)	302552.00N/0813302.00W		660	500	50	5D	1000					1700
12.TERRAIN	303306.00N/0815251.00W		74 (100)								AS1500	1600

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

KJAX

PROCEDURE NAME

HI - TACAN RWY 14

AMDT NO.

4C

CITY

JACKSONVILLE

STATE

FL

AIRPORT ELEVATION

30

FACILITY

CRG VORTAC

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 C											
13.TOWER (12-003013)	302650.21N/0814303.70W	2.84	550	280	20	3	1A	300			580
CATEGORY D											
13.TOWER (12-003013)	302650.21N/0814303.70W	3.70	610	280	20	3	1A	300		XP60	640
CATEGORY E											
14.TOWER (12-002493)	303005.19N/0813513.62W	4.63	730	451	20	3	1A	300			760

CIRCLING REMARKS:
TO RETAIN CURRENT MINS.

MSA

CENTER
CRG VORTAC

RADIUS
25

SECTOR	OBSTRUCTION	COORDINATES	BEARING	DISTANCE	ELEV MSL	HORZ	VERT	AC	ROC	OCS	ADJUSTMENTS	MIN ALT
360-360	TWR (12-001496)	301635.00N/0813350.69W	220	04.7	1090	20	3	1A	1000			2100

MSA REMARKS:

ESA

CENTER
CRG VORTAC

RADIUS
100

SECTOR	OBSTRUCTION	COORDINATES	BEARING	DISTANCE	ELEV MSL	HORZ	VERT	AC	ROC	OCS	ADJUSTMENTS	MIN ALT
360-360	TWR (12-001568)	285618.00N/0811857.00W	176	84.4	1740	100	20	3C	1000			2800

ESA REMARKS:

NOTES/EXPLANATIONS FROM PROCEDURE SEGMENTS:



PART B: SUPPLEMENTAL DATA

COMMUNICATIONS WITH
JAX APP CON, JAX TOWER

<u>WX SERVICE</u> ASOS	<u>LOCATION</u> KJAX	<u>HRS OPERATION</u> 24	<u>ALTIMETER SOURCE</u> KJAX	<u>DISTANCE</u> 0	<u>SERVICE-A</u> Y	<u>ADJUSTMENTS</u> 0
<u>BACK-UP WX SERVICE</u>	<u>LOCATION</u>	<u>HRS OPERATION</u>	<u>ALTIMETER SOURCE</u>	<u>DISTANCE</u>	<u>SERVICE-A</u>	<u>ADJUSTMENTS</u>

WX REMARKS:

<u>PRIMARY NAVAID</u> CRG VORTAC	<u>MONITOR POINT</u> AOCC	<u>HRS OPERATION</u> 24	<u>CAT</u> 1
<u>APPROACH AND RUNWAY LIGHTING SYSTEM</u>		<u>RUNWAY MARKINGS</u>	<u>RUNWAY VISUAL RANGE</u>
RW08 - TDZ, ALSF-2, HIRL, C/LINE, PAPI-4L		PIR-F	APPROACH, MIDPOINT, ROLL OUT
RW26 - TDZ, MALSR, HIRL, C/LINE, PAPI-4R		PIR-F	APPROACH, MIDPOINT, ROLL OUT
RW14 - TDZ, MALSR, HIRL, C/LINE, PAPI-4L		PIR-G	
RW32 - HIRL, REIL, C/LINE, PAPI-4L		PIR-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> 3.00	<u>TCH</u> 70.0
<u>FINAL APPROACH COURSE AIMING</u>						
RUNWAY THRESHOLD	☒	FT FROM THRESHOLD	DISPLACED THRESHOLD DISTANCE			
ON CENTERLINE	☒	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

Final Type	S-14
34:1	
113 TREE (12-067682) 302955.33N/0814223.14W (7.37)	115 TREE (12-055125) 302954.99N/0814224.22W (7.92)

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.

INTERMEDIATE SDF UWBUY ESTABLISHED AT 18.29 DME (NOT 18.3 DME) TO OPTIMIZE STABILIZED DESCENT.

REDUNDANT WEATHER AVAILABLE INCLUDING NWS, BACK-UP WEATHER NOT REQUIRED.

S-14 20:1 PENETRATION
EXCLUDED UNDER 8260.3D 3-3-2.C.(4)(B) NOTE:
30 APPROACH LIGHT (12-072564) 302933.11N/0814204.77W (3.09)

ORDER 8260.3 CHAPTER 2 APPLIED TO 224 AAO 303057.68N/0814536.38W.

ORDER 8260.3, CHAPTER 2, NEW CIRCLING CRITERIA APPLIED.



AIRPORT ID KJAX	PROCEDURE NAME HI - TACAN RWY 14	AMDT NO. 4C	CITY JACKSONVILLE	STATE FL	AIRPORT ELEVATION 30	FACILITY CRG VORTAC
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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	FACILITY	TO 1000FT POINT	14.07
WIDTH OF	FINAL	SEGMENT AT 1000FT POINT	3.41
TRUE COURSE OF	FINAL	SEGMENT CONTAINING 1000FT POINT	132.86
HIGH TERRAIN IN	FINAL	SEGMENT CONTAINING 1000FT POINT	0
DISTANCE FROM	FACILITY	TO 1500FT POINT	17.9
WIDTH OF	INTERMEDIATE	SEGMENT AT 1500FT POINT	4.63
TRUE COURSE OF	INTERMEDIATE	SEGMENT CONTAINING 1500FT POINT	132.86
HIGH TERRAIN IN	INTERMEDIATE	SEGMENT CONTAINING 1500FT POINT	0
THRESHOLD COORDINATES (IF STR-IN)	302931.78N/0814203.01W		
ARP COORDINATES	302938.56N/0814116.25W		
RUNWAY APCH END AND DIST FURTHEST FROM ARP	RUNWAY 26 DISTANCE 1.50 NM		
FAF COORDINATES	303130.13N/0814430.86W		
FIX NAME COORDINATES			
REMARKS	NO ADDITIONAL AIRSPACE.		

QUALITY
10
CHECKED

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

Electronic Version

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PART E: PREPARED BY

<u>NAME</u> JASON KRETSCHMER (DANIEL R. JOHNSON)	<u>OFFICE</u> AJV-A421	<u>DATE</u> 03/28/2023	<u>TITLE</u> AERONAUTICAL INFORMATION SPECIALIST
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