

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> K88	<u>PROCEDURE NAME</u> RNAV (GPS) RWY 19	<u>ORIGINAL/AMENDMENT</u> 1	<u>CITY</u> IOLA	<u>STATE</u> KS
<u>AIRPORT ELEVATION</u> 1016	<u>TDZE</u> 1016	<u>SUPERSEDED</u> RNAV (GPS) RWY 19	<u>ORIGINAL/AMENDMENT</u> ORIG-B	<u>DATED</u> 10/10/2019
<u>FACILITY</u> RNAV	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 11 JULY 2024	<u>REQUIRED EFFECTIVE DATE</u> ROUTINE	<u>MAG VAR</u> 4E
				<u>EPOCH YEAR</u> 2000
				<u>CANCEL/SUSPEND</u>

TERMINAL ROUTES

FROM	FIX TYPE	TO	FIX TYPE	LEG TYPE	FO/FB	RNP	COURSE	DISTANCE	ALTITUDE
NALLY		YACUC		TF	FB	1.00	333.07	32.31	3000
HOCJO		WAGEP		TF	FB	1.00	111.86	7.62	3000
WAGEP	IAF	TIGAY	NOPT	TF	FB	1.00	099.41	5.00	3000
YACUC	IAF	TIGAY	NOPT	TF	FB	1.00	279.53	5.00	3000
TIGAY	IF/IAF	SAVOF		TF	FB	1.00	189.47	6.04	2600
SAVOF	FAF	VEYUT/2.49 NM TO RW19		TF	FB	0.30	189.41	2.32	
VEYUT/2.49 NM TO RW19		RW19	MAP	TF	FO	0.30	189.41	2.49	
RW19	MAP	1416 MSL		CA			189.41		
1416 MSL		VUGBY		DF	FO	1.00			3000

MISSED APPROACH

MAP:

LNAV: RW19

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 3000 DIRECT VUGBY AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:

PROFILE:

- PT
- SIDE OF COURSE
- OUTBOUND
- FT WITHIN
- MILES OF (IAF)
- HOLD N TIGAY, RT, 189.45 INBOUND, 3000 FT. IN LIEU OF PT (IAF), MAX 4000.
- FAC: 189.41 FAF: SAVOF DIST FAF TO MAP: 4.81 DIST FAF TO THLD: 4.81
- MIN ALT: TIGAY 3000, SAVOF 2600, VEYUT/2.49 NM TO RW19 1860
- DIST TO THLD FROM OM: MM: IM: 150 HAT: GS ANT: MM: IM:
- MIN GP INCPT: GP ALT AT FAF: OM: MM: IM:
- GP ANGLE: 34:1 IS NOT CLEAR 20:1 IS CLEAR TCH:
- MSA FROM: RW19 2800

QUALITY
26
CHECKED

PBN REQUIREMENTS NOTE:

RNP APCH - GPS.

NOTES:

CHART NOTE: RWY 19 HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED.
 CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE CHANUTE ALTIMETER SETTING: INCREASE ALL MDAS 40 FEET AND LNAV VISIBILITY CAT C 1/4 SM AND CIRCLING VISIBILITY CAT C 1/4 SM.
 CHART NOTE: VDP NA WHEN USING CHANUTE ALTIMETER SETTING.
 CHART SPEED ICON IN PLANVIEW AT WAGEP: MAX 210 KIAS.
 CHART SPEED ICON IN PLANVIEW AT YACUC: MAX 210 KIAS.

ADDITIONAL FLIGHT DATA:

HOLD S, RT, 009.41 INBOUND.
 CHART FAS OBST: 1170 TREE 375242N/0952342W.
 CHART VDP AT 1.10 NM TO RW19.
 SAVOF TO RW19: 3.00/52.

MINIMUMS:

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

ALTERNATE: NA ☐ STANDARD - NA WHEN LOCAL WEATHER NOT AVAILABLE.

<u>CATEGORY:</u>	<u>A</u>			<u>B</u>			<u>C</u>			<u>D</u>			<u>E</u>		
<u>FINAL TYPE</u>	<u>DA/MDA</u>	<u>VIS</u>	<u>HAT/HAA</u>	<u>DA/MDA</u>	<u>VIS</u>	<u>HAT/HAA</u>	<u>DA/MDA</u>	<u>VIS</u>	<u>HAT/HAA</u>	<u>DA/MDA</u>	<u>VIS</u>	<u>HAT/HAA</u>	<u>DA/MDA</u>	<u>VIS</u>	<u>HAT/HAA</u>
LNAV MDA	1420	1	404	1420	1	404	1420	1 1/8	404		NA				
CIRCLING	1480	1	464	1660	1	644	1660	1 3/4	644		NA				

CHANGES - REASONS

1. INCORPORATED CHANGES FROM P-NOTAMS 9/4363, 0/2223 FOR AMDT ORIG-A AND ORIG-B - IAW 8260.19I PARA 8-3-4.C(3).
2. TERMINAL ROUTES: ADDED FINAL, FINAL STEPDOWN AND MISSED SEGMENTS - IAW 8260.19I, PARA 8-6-4.A(6)(A).
3. TERMINAL ROUTES: UPDATED COURSE FROM NALLY TO YACUC FROM 333.06 TO 333.07 – MOVED YACUC TO SUPPORT ATC VECTORS PER FPT.
4. TERMINAL ROUTES: UPDATED COURSE FROM HOCJO TO WAGEP FROM 111.87 TO 111.86 – MOVED WAGEP TO SUPPORT ATC VECTORS PER FPT.
5. TERMINAL ROUTES: UPDATED COURSE FROM WAGEP TO TIGAY FROM 099.39 TO 099.41 – MOVED WAGEP TO SUPPORT ATC VECTORS PER FPT.
6. TERMINAL ROUTES: UPDATED COURSE FROM YACUC TO TIGAY FROM 279.51 TO 279.53 – MOVED YACUC TO SUPPORT ATC VECTORS PER FPT.
7. TERMINAL ROUTES: UPDATED COURSE/DISTANCE FROM TIGAY TO SAVOF FROM 189.45/6.10 TO 189.47/6.04 – MOVED SAVOF TO MAINTAIN 3.00 GS PER FPT.
8. PROFILE LINE 2: ADDED ", MAX 4000" - UPDATED IAW 8260.19I, 8-6-7.B(2).
9. PROFILE LINE 3: UPDATED FAC FROM 189.44 TO 189.41 - RELOCATED SAVOF TO MAINTAIN 3.00 GS PER FPT.
10. PROFILE LINE 3: UPDATED DIST TO FAF TO MAP AND DIST TO FAF TO THLD FROM 4.75 TO 4.81 – RELOCATED SAVOF TO MAINTAIN 3.00 GS PER FPT.
11. PROFILE LINE 4: CHANGED FROM "TIGAY 3000, SAVOF 2600, VEYUT/2.50 NM TO RWY 19 1860" TO "TIGAY 3000, SAVOF 2600, VEYUT/2.49 NM TO RWY 19 1860" – ADJUSTED SAVOF LOCATION FOR GS/TCH ALIGNMENT PER FPT, LNAV MDA LOWERED AFTER UPDATED OBSTACLE EVALUATION.
12. PROFILE LINE 7: ADDED "20:1: IS CLEAR" – IAW 8260.19I, 8-6-7G.(3)(A).
13. CHANGED PBN REQUIREMENTS NOTE FROM "RNP APCH" TO "RNP APCH - GPS" - IAW 8260.19I, 8-6-8.B(2).
14. NOTES: CHANGED "CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE CHANUTE ALTIMETER SETTING AND INCREASE ALL MDA 40 FEET AND VISIBILITY CIRCLING CAT C 1/4 SM" TO "CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE CHANUTE ALTIMETER SETTING: INCREASE ALL MDAS 40 FEET AND LNAV VISIBILITY CAT C 1/4 SM AND CIRCLING VISIBILITY CAT C 1/4 SM." - IAW 8260.19I 8-6-9 E(2).
15. ADDITIONAL FLIGHT DATA: CHANGED "HOLD S, RT, 009.39 INBOUND" TO "HOLD S, RT, 009.41 INBOUND" – MATCHING INBOUND COURSE FOR RWY 1 HIL.
16. ADDITIONAL FLIGHT DATA: CHANGED "SAVOF TO RWY19: 3.04/52" TO "SAVOF TO RWY19: 3.00/52" – GS ADJUSTED TO BE COINCIDENT.
17. ADDITIONAL FLIGHT DATA: CHANGED CHART FAS OBSTACLE FROM "1318 TOWER 375403N10952356W" TO "1170 TREE 375242N/0952342W" – UPDATED EVALUATION.
18. CHART PLANVIEW NOTE: DELETE "PROCEDURE NA FOR ARRIVALS AT NALLY VIA V132 EASTBOUND AND V161 SOUTHWEST BOUND" – V161 AIRWAY CANCELLED.
19. NOTES: ADDED "CHART SPEED ICON IN PLANVIEW AT WAGEP: MAX 210 KIAS" - SPEED RESTRICTIONS ADDED PER ATC/FPT REQUEST, IAW 8260.58C, 1-2-5.B.
20. NOTES: ADDED "CHART SPEED ICON IN PLANVIEW AT YACUC: MAX 210 KIAS" - SPEED RESTRICTIONS ADDED PER ATC/FPT REQUEST, IAW 8260.58C, 1-2-5.B.
21. MINIMUMS: LOWERED LNAV MDA/HAT FROM 1460/444 TO 1420/404 – NEW OBSTACLE EVALUATION.
22. MINIMUMS: LOWERED LNAV CAT C VISIBILITY FROM 1 3/8 TO 1 1/8 – IAW 8260.3E.1, TABLE 3-3-1.
23. MINIMUMS: LOWERED CAT A CIRCLING CDMA/HAA FROM 1520/504 TO 1480/464 – NEW OBSTACLE EVALUATION.
24. MINIMUMS: RAISED CAT B CIRCLING CMDA/HAA FROM 1520/504 TO 1660/644 – NEW CONTROLLING OBSTACLE AND CLEARS T-NOTAM 3/7475.
25. ALTERNATE MINIMUMS: ADDED "STANDARD - NA WHEN LOCAL WEATHER NOT AVAILABLE." - LOCAL WEATHER NOW ON WMSCR.

COORDINATED WITH:

A4A

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ALPA

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AOPA

☒

APA

☐

HAI

☐

NBAA

☒

OTHER:

ZKC, AMGR

FLIGHT CHECKED BY

COLTON CROWDER

Digitally signed by

DAVID DANNER

May 30, 2024

OFFICE

FPO

DATE

05/29/2024

DEVELOPED BY

DAVID DANNER (WALKER R. MILLIGAN)

Digitally signed by

DAVID DANNER

May 30, 2024

OFFICE

AJV-A421

DATE

11/02/2023

APPROVED BY

DAVID DANNER

Digitally signed by

DAVID DANNER

May 30, 2024

OFFICE

AJV-A421

DATE

07/11/2024

TITLE

MANAGER

