

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</u> TRI-STATE STEUBEN COUNTY	<u>AIRPORT ID</u> KANQ	<u>PROCEDURE NAME</u> RNAV (GPS) RWY 23	<u>ORIGINAL/AMENDMENT</u> ORIG-D	<u>CITY</u> ANGOLA	<u>STATE</u> IN
<u>AIRPORT ELEVATION</u> 995	<u>TDZE</u> 995	<u>SUPERSEDED</u> RNAV (GPS) RWY 23	<u>ORIGINAL/AMENDMENT</u> ORIG-C	<u>DATED</u> 05/24/2018	<u>MAG VAR</u> 5W
<u>FACILITY</u> RNAV	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 25 APRIL 2019	<u>REQUIRED EFFECTIVE DATE</u> ROUTINE	<u>CANCEL/SUSPEND</u>	<u>EPOCH YEAR</u> 2000

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>
BRYTO		GILKE		TF	FB	1.00	075.76	16.12	3000
ILTON		ESILE		TF	FB	1.00	035.58	14.52	3000
LFD VOR/DME	IAF	WILAT	NOPT	TF	FB	1.00	203.72	18.60	3000
GILKE	IAF	WILAT	NOPT	TF	FB	1.00	142.13	5.00	3000
ESILE	IAF	WILAT	NOPT	TF	FB	1.00	322.23	5.00	3000
WILAT	IF/IAF	JALIR		TF	FB	1.00	232.18	5.85	2700
JALIR	FAF	RW23	MAP	TF	FO	0.30	232.12	5.15	
RW23	MAP	1395 MSL		CA			232.12		
1395 MSL		FELAX		DF	FO	1.00			3000

MISSED APPROACH

MAP:

LNAV: RW23

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 3000 DIRECT FELAX AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:



PROFILE:

1. PT

SIDE OF COURSE

OUTBOUND

FT WITHIN

MILES OF (IAF)

2. HOLD NE WILAT, RT, 232.18 INBOUND, 3000 FT. IN LIEU OF PT (IAF), MAX 10000.

3. FAC: 232.12

FAF: JALIR

DIST FAF TO MAP: 5.15

DIST FAF TO THLD: 5.15

4. MIN ALT: WILAT 3000, JALIR 2700

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: RW23 2600

PBN REQUIREMENTS NOTE:

RNP APCH.

NOTES:

CHART NOTE: RWY 23 HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVAL ON LFD VOR/DME AIRWAY RADIALS 246 CW 280.
CHART NOTE: STRAIGHT-IN RWY 23 NA AT NIGHT, CIRCLING RWY 23 NA AT NIGHT.

ADDITIONAL FLIGHT DATA:

CHART PROFILE NOTE: VISUAL SEGMENT - OBSTACLES.
CHART FAS OBST: 1439 TOWER 414051N/0850002W.
HOLD SW, RT, 051.94 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
LNAV MDA	1700	1	705	1700	1	705	1700	2	705		NA				
CIRCLING	1700	1	705	1700	1	705	1700	2	705		NA				

CHANGES - REASONS

1. ADDED VISUAL SEGMENT - OBSTACLES TO ADDITIONAL FLIGHT DATA - PER FLIGHT CHECK REQUEST.
2. REMOVED VDA/TCH 3.00/40 FROM ADDITIONAL FLIGHT DATA - REPLACED WITH CHART PROFILE NOTE: VISUAL SEGMENT - OBSTACLES - IAW 8260.19H, PARA 8-6-10P.
3. UPDATED FEEDER ROUTE RNP CODES FROM 2.0 TO 1.0 - IAW 8260.58A PARA 1-2-4,C.
4. CHANGED "STRAIGHT-IN NA AT NIGHT, CIRCLING NA AT NIGHT" TO "STRAIGHT-IN RWY 23 NA AT NIGHT, CIRCLING RWY 23 NA AT NIGHT " - VISUAL SURFACE PENETRATED WITH 20:1.
5. ADDED MAX HOLDING ALTITUDE OF 10000 TO HOLD-IN-LIEU AT WILAT - DOCUMENTED PER 8260.19H/NEW FORMS.
6. ADDED "PROCEDURE NA FOR ARRIVALS ON LFD VOR/DME AIRWAY RADIALS 246 CW 280" - IAW 8260.19H PARA 8-2-5E.
7. CHANGED MISSED APPROACH FROM "CLIMB TO 3000 VIA 232 COURSE TO FELAX WP AND HOLD" TO "CLIMB TO 3000 DIRECT FELAX AND HOLD" - UPDATED TO CURRENT RNAV CRITERIA.
8. ADDED ALTERNATE MINIMUMS - KANQ AWOS ON WMSCR.
9. ADDED "20:1 IS NOT CLEAR" ON LINE 7 - VISUAL SURFACE PENETRATED.



COORDINATED WITH:

A4A ☐ ALPA ☒ AOPA ☒ APA ☐ HAI ☐ NBAA ☒ OTHER: ZAU, FWA ATCT, AMGR

FLIGHT CHECKED BY

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

OFFICE

Digitally signed by

DATE

WARDELL HENNING

Mar 04, 2019

DEVELOPED BY

WARDELL HENNING (KENO HARTSHORN)

Digitally signed by

WARDELL HENNING

Mar 04, 2019

OFFICE

AJV-A432

DATE

11/06/2018

APPROVED BY

PATRICK MULQUEEN

Digitally signed by

WARDELL HENNING

Mar 04, 2019

OFFICE

AJV-A43

DATE

TITLE

MANAGER