

**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> CUBA MUNI	<u>AIRPORT ID</u> KUBX	<u>PROCEDURE NAME</u> RNAV (GPS) RWY 36	<u>ORIGINAL/AMENDMENT</u> ORIG-D	<u>CITY</u> CUBA	<u>STATE</u> MO
<u>AIRPORT ELEVATION</u> 1023	<u>TDZE</u> 1023	<u>SUPERSEDED</u> RNAV (GPS) RWY 36	<u>ORIGINAL/AMENDMENT</u> ORIG-C	<u>DATED</u> 09/15/2016	<u>MAG VAR</u> 1E
<u>FACILITY</u> RNAV	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 30 JANUARY 2020	<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>
BACTA		PABXO		TF	FB	1.00	063.40	18.56	3000
BUNKS		RURVE		TF	FB	1.00	322.60	17.72	3000
PABXO	IAF	QUMXE	NOPT	TF	FB	1.00	094.59	6.00	3000
LENOX	IAF	QUMXE	NOPT	TF	FB	1.00	016.62	6.34	3000
RURVE	IAF	QUMXE	NOPT	TF	FB	1.00	274.75	6.00	3000
QUMXE	IF/IAF	SOGSE		TF	FB	1.00	004.67	6.10	2700
SOGSE	FAF	RW36	MAP	TF	FO	0.30	004.68	5.15	
RW36	MAP	1423 MSL		CA			004.68		
1423 MSL		JAXIP		DF	FO	1.00			3000

MISSED APPROACH

MAP:

LP: RW36
LNAV: RW36

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 3000 DIRECT JAXIP AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:



PROFILE:

1. PT SIDE OF COURSE OUTBOUND FT WITHIN MILES OF (IAF)
2. HOLD S QUMXE, RT, 004.67 INBOUND, 3000 FT. IN LIEU OF PT (IAF), MAX 6000.
3. FAC: 004.68 FAF: SOGSE DIST FAF TO MAP: 5.15 DIST FAF TO THLD: 5.15
4. MIN ALT: QUMXE 3000, SOGSE 2700
5. DIST TO THLD FROM OM: MM: IM: 150 HAT: GS ANT: MM: IM:
6. MIN GP INCPT: GP ALT AT FAF :
7. GP ANGLE: 34:1: IS NOT CLEAR 20:1: IS NOT CLEAR TCH:
8. MSA FROM: RW36 3000

PBN REQUIREMENTS NOTE:

RNP APCH.

NOTES:

CHART NOTE: PROCEDURE NA AT NIGHT.
CHART NOTE: RWY 36 HELICOPTER VISIBILITY REDUCTION BELOW 1 NOT AUTHORIZED.
CHART PROFILE NOTE: VGSI AND DESCENT ANGLES NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET}).
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT BACTA ON V289 SOUTHBOUND, AND ARRIVALS AT BUNKS ON V175 SOUTHEAST BOUND, AND ARRIVALS AT BUNKS ON V72-190 EASTBOUND, AND FOR ARRIVALS AT LENOX ON V238 SOUTHWEST BOUND.
CHART NOTE: USE ROLLA/VICHY ALTIMETER SETTING; WHEN NOT RECEIVED, USE FORT LEONARD WOOD ALTIMETER SETTING AND INCREASE ALL MDAs 60 FT.

ADDITIONAL FLIGHT DATA:

SOGSE TO RW36: 3.00/40
CHART ROLLA/VICHY ASOS
CHART CIRCLING ICON.
WAAS CHANNEL #70543
REFERENCE PATH ID: W36A
CHART FAS OBST: 1159 TREE 380327N/0912538W.
HOLD N, RT, 184.71 INBOUND
LTP HAE: 280 M

MINIMUMS:

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

ALTERNATE: NA ☒

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
LP MDA	1480	1	457	1480	1	457		NA			NA				
LNAV MDA	1480	1	457	1480	1	457		NA			NA				
CIRCLING	1580	1	557	1780	1	757		NA			NA				



CHANGES - REASONS

1. UPDATED FAS DATA BLOCK, LTP FROM 380350.7610N-0912546.0075W TO 380350.7612N-0912546.0079W; FPAP FROM 380519.5200N-0912534.8200W TO 380519.5192N-0912534.8178W; HAL FROM 50 TO 40; CRC REMAINED FROM CF187119 TO C5CBAA76. - REPULLED AIRNAV DATA/SYSTEM GENERATED.
2. CIRCLING CAT B RAISED MDA/HAA FROM 1580/557 TO 1780/757 - NEW OBSTACLE EVALUATION UPDATED CIRCLING RADII.
3. REPLACED CHART NOTE FROM "STRAIGHT IN RWY 36 NA AT NIGHT, CIRCLING RWY 36 NA AT NIGHT" TO "PROCEDURE NA AT NIGHT" - IAW .19H 8-6-11O2A.
4. ADDED CHART CIRCLING ICON - APPLIED EXPANDED CIRCLING RADII.
5. REMOVED DME/DME RNP 0.3NA - NOTE NO LONGER REQUIRED.
6. ADDED PBN REQUIREMENTS NOTE: RNP APCH - IAW .19H.
7. ADDED 20:1 NOT CLEAR - NOTE REQUIRED IAW .19H
8. ADDED CHART NOTE VGSI AND DESCENT ANGLES NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET}) - VGSI DATA AVAIL/NOTE REQD IAW .19H.
9. ADDED TO ADDITIONAL FLIGHT DATA: CHART ROLLA/VICHY ASOS - IAW .19H PRIMARY REMOTE ALTIMETER.

COORDINATED WITH:

A4A ☒ **ALPA** ☒ **AOPA** ☒ **APA** ☐ **HAJ** ☐ **NBAA** ☒ **OTHER:** ZKC, AMGR

Digitally signed by

DAVID DANNER

Dec 12, 2019

FLIGHT CHECKED BY

GREG BAUR

OFFICE

FICO

DATE

12/7/19

DEVELOPED BY

HEIDI SNIDER

Digitally signed by

HEIDI SNIDER

Oct 07, 2019

OFFICE

AJV-A422

DATE

08/23/2019

APPROVED BY

MARLON ROBINSON

Digitally signed by

DAVID DANNER

Dec 12, 2019

OFFICE

AJV-A420

DATE

TITLE
MANAGER

FAS DATA BLOCK INFORMATION

<u>DATA FIELD</u>	<u>DATA</u>
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KUBX
RUNWAY	RW36
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W36A
LTP/FTP LATITUDE	380350.7610N
LTP/FTP LONGITUDE	0912546.0075W
LTP/FTP ELLIPSOIDAL HEIGHT	+02800
FPAP LATITUDE	380519.5190N
FPAP LONGITUDE	0912534.8175W
THRESHOLD CROSSING HEIGHT (TCH)	00040.0
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	1704
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	0.0
CRC REMAINDER	C5CBAA76

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K3
LTP ORTHOMETRIC HEIGHT	+03107
FPAP ORTHOMETRIC HEIGHT	+03107

