

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> BEACH	<u>AIRPORT ID</u> 20U	<u>PROCEDURE NAME</u> RNAV (GPS) RWY 12	<u>ORIGINAL/AMENDMENT</u> ORIG-A	<u>CITY</u> BEACH	<u>STATE</u> ND	
<u>AIRPORT ELEVATION</u> 2756	<u>TDZE</u> 2756	<u>SUPERSEDED</u> RNAV (GPS) RWY 12	<u>ORIGINAL/AMENDMENT</u> ORIG	<u>DATED</u> 07/21/2016	<u>MAG VAR</u> 8E	<u>EPOCH YEAR</u> 2020
<u>FACILITY</u> RNAV	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 15 AUGUST 2019	<u>REQUIRED EFFECTIVE DATE</u> ROUTINE	<u>CANCEL/SUSPEND</u>		

TAA

<u>FROM</u>	<u>FIX TYPE</u>	<u>TO</u>	<u>FIX TYPE</u>	<u>ALTITUDE</u>
1. 035/30 CW 215/30	NOPT	EKENE	IF/IAF	4700
2. 215/30 CW 035/30		EKENE	IF/IAF	4900

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>
EKENE	IF/IAF	CADOM		TF	FB	1.00	125.32	3.50	4400
CADOM	FAF	DEVGE/1.90 NM TO RW12		TF	FB	0.30	125.36	3.14	
DEVGE/1.90 NM TO RW12		RW12	MAP	TF	FO	0.30	125.36	1.90	
RW12	MAP	3006 MSL		CA			125.36		
3006 MSL		EKOYU		DF	FO	1.00			5000

MISSED APPROACH

MAP:

LPV: DA
 LNAV/VNAV: DA
 LNAV: RW12

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 5000 DIRECT EKOYU AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:



PROFILE:

1. PT

SIDE OF COURSE

OUTBOUND

FT WITHIN

MILES OF (IAF)
2. HOLD NW EKENE, RT, 125.32 INBOUND, 4700 FT. IN LIEU OF PT (IAF), MAX 6000.
3. FAC: 125.36FAF: CADOMDIST FAF TO MAP: 5.04DIST FAF TO THLD: 5.04
4. MIN ALT: EKENE 4700, CADOM 4400, DEVG/1.90 NM TO RW12 3400*
5. DIST TO THLD FROM OM:MM:IM:150 HAT:250 HAT: 0.66GS ANT:MM:IM:
6. MIN GP INCPT: 4400GP ALT AT FAF : CADOM 4400OM:
7. GP ANGLE: 3.0034:1: IS CLEAR20:1: IS CLEARTCH: 40.0
8. MSA FROM:

PBN REQUIREMENTS NOTE:

RNP APCH.

NOTES:

CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -20C OR ABOVE 54C.
CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET}).

ADDITIONAL FLIGHT DATA:

CHART CIRCLING ICON.
CHART FAS OBST: 2889 SIGN 465551N/1040038W
CHART VDP AT 1.12 NM TO RW12*
*LNAV ONLY
WAAS CHANNEL #61338
REFERENCE PATH ID: W12A
3029 AAO 465927N/1040451W.
HOLD SE, RT, 305.55 INBOUND
LTP HAE: 824 M

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
LPV DA	3006	1	250	3006	1	250		NA			NA				
LNAV/VNAV DA	3051	1	295	3051	1	295		NA			NA				
LNAV MDA	3140	1	384	3140	1	384		NA			NA				
CIRCLING	3280	1	524	3360	1	604		NA			NA				



CHANGES - REASONS

1. ADDED 20:1 IS CLEAR - IN ACCORDANCE WITH FAAO 8260.19H, PARA 8-6-7G(3).
2. DELETED "CHART NOTE: DME/ DME RNP -0.3 NA" - IAW 8260.19H, PARA 4-6-10E AND MEMO 257 DATED 9/12/2017.
3. ADDED "RNP APCH" TO PBN REQUIREMENTS NOTES - IAW 8260.19H, PARA 8-6-8B(1) AND MEMO 257 DATED 9/12/2017.
4. RAISED CIRCLING CAT B MDA/HAA FROM 3300/544 TO 3360/604 - UPDATED EVALUATION, NEW OBSTACLE DATA.
5. ADDED MAX 6000 AT EKENE HOLDING PATTERN TO 8260.3 LINE 2 - IAW 8260.19H, PARA 8-6-7B(2).
6. CHANGED CRC REMAINDER FROM 94A68EB3 TO B4761BC4 - UPDATED FPAP LAT/LONG.
7. CHANGED "CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -20C (-4F) OR ABOVE 54C (130F)" TO "CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -20C OR ABOVE 54C" - FORMATTED IN ACCORDANCE WITH FAAO 8260.19H, PARA 8-6-9S.

COORDINATED WITH:

A4A ☐ **ALPA** ☒ **AOPA** ☒ **APA** ☐ **HAI** ☐ **NBAA** ☒ **OTHER:** ZLC ARTCC, AMGR.

FLIGHT CHECKED BY

BRIAN HANSEN

*Digitally signed by***DAVID TEFFETELLER**

May 14, 2019

OFFICE

FICO

DATE

5/9/19

DEVELOPED BY

DAVID TEFFETELLER (ROBBIE COPELAND)

*Digitally signed by***DAVID TEFFETELLER**

Mar 12, 2019

OFFICE

AJV-A433

DATE

02/20/2019

APPROVED BY

PATRICK MULQUEEN

*Digitally signed by***DAVID TEFFETELLER**

May 14, 2019

OFFICE

AJV-A430

DATE**TITLE**

MANAGER



FAS DATA BLOCK INFORMATION

<u>DATA FIELD</u>	<u>DATA</u>
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	20U
RUNWAY	RW12
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W12A
LTP/FTP LATITUDE	465544.8325N
LTP/FTP LONGITUDE	1035917.3840W
LTP/FTP ELLIPSOIDAL HEIGHT	+08240
FPAP LATITUDE	465443.5955N
FPAP LONGITUDE	1035743.0020W
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	1472
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0
CRC REMAINDER	B4761BC4

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K3
LTP ORTHOMETRIC HEIGHT	+08400
FPAP ORTHOMETRIC HEIGHT	+08400