

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> 05U	<u>PROCEDURE NAME</u> RNAV (GPS) RWY 18	<u>ORIGINAL/AMENDMENT</u> 1	<u>CITY</u> EUREKA	<u>STATE</u> NV		
<u>AIRPORT ELEVATION</u> 5958	<u>TDZE</u> 5944	<u>SUPERSEDED</u> RNAV (GPS) RWY 18	<u>ORIGINAL/AMENDMENT</u> ORIG-B	<u>DATED</u> 02/27/2020	<u>MAG VAR</u> 13E	<u>EPOCH YEAR</u> 2010
<u>FACILITY</u> RNAV	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 25 JANUARY 2024	<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>
JEBEG		TBROS		TF	FB	1.00	238.99	14.19	13100
TBROS		KAPSS		TF	FB	1.00	239.11	8.02	10800
SIKEE		AJAFO		TF	FB	1.00	211.28	11.70	13100
AJAFO		KAPSS		TF	FB	1.00	211.17	11.70	10800
KAPSS	IAF	ZIGBI		TF	FB	1.00	178.05	14.87	10800
ZIGBI	IF	SAYOT		TF	FB	1.00	178.01	8.80	8000
SAYOT	FAF	RW18	MAP	TF	FO	0.30	177.98	6.33	
RW18	MAP	7800 MSL		CA			177.98		7800
7800 MSL		LECED		DF	FB	1.00			
LECED		RAPYO		TF	FB	1.00	138.00	9.00	
RAPYO		INGOL		TF	FO	1.00	048.19	49.38	14000

MISSED APPROACH

MAP:

LPV: DA
 LNAV: RW18

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 7800 THEN CLIMBING RIGHT TURN TO 14000 DIRECT LECD AND ON TRACK 138.00 TO RAPYO AND TRACK 048.19 TO INGOL AND HOLD. **MISSED APPROACH REQUIRES MINIMUM CLIMB OF 390 FEET PER NM TO 10200.

*MISSED APPROACH REQUIRES MINIMUM CLIMB OF 390 FEET PER NM TO 9900.

ALTERNATE MISSED APPROACH INSTRUCTIONS:



PROFILE:

1. PT

SIDE OF COURSE

OUTBOUND

FT WITHIN

MILES OF

(IAF)

2. PROFILE STARTS AT ZIGBI

3. FAF: 177.98

FAF: SAYOT

DIST FAF TO MAP: 6.33

DIST FAF TO THLD: 6.33

4. MIN ALT: ZIGBI 10800, SAYOT 8000

5. DIST TO THLD FROM OM:

MM:

IM:

150 HAT:

200 HAT: 0.50

GS ANT:

6. MIN GP INCPT: 8000

GP ALT AT PFAF : SAYOT 8000

OM:

MM:

IM:

7. GP ANGLE: 3.00

34:1: IS CLEAR

20:1: IS CLEAR

TCH: 45.0

8. MSA FROM: RW18 11700

PBN REQUIREMENTS NOTE:

RNP APCH - GPS.

NOTES:

CHART NOTE: CIRCLING NA FOR CAT D W OF RWY 18-36.
CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, PROCEDURE NA.

ADDITIONAL FLIGHT DATA:

HOLD NW, RT, 141.49 INBOUND.
FAS OBST: 6110 AAO 393954N/1155832W.
CHART VDP AT 1.30 NM TO RW18.
WAAS CHANNEL # 42732
REFERENCE PATH ID: W18A
CHART CIRCLING ICON.
LTP HAE: 1789.7 M

MINIMUMS:

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

ALTERNATE: NA ☐ CAT A, B, C, D 2000-6

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*	6144	3/4	200	6144	3/4	200	6144	3/4	200	6144	3/4	200			
LPV DA	7536	6	1592	7536	6	1592	7536	6	1592	7536	6	1592			
LNAV MDA**	6400	1	456	6400	1	456	6400	1 3/8	456	6400	1 3/8	456			
LNAV MDA	7880	1 1/4	1936	7880	1 1/2	1936	7880	3	1936	7880	3	1936		QUALITY 35 CHECKED	
CIRCLING	7880	1 1/4	1922	7880	1 1/2	1922	7880	3	1922	7880	3	1922			

CHANGES - REASONS

- ADDED PBN REQUIREMENT NOTE: RNP APCH-GPS PER 8260-19I 8-6-8 A(5)(B)(2).
- REMOVED DME/DME RNP 0.3 PER 8260.19I 1-1-5 F.(18)PARAGRAPH 8-6-9.N PBN REQUIREMENT.
- FIX ALTITUDE FROM KAPSS TO ZIGBI CHANGED FROM 10700 TO 10800 DUE TO NEW CONTROLLING OBSTACLE.
- DISTANCE BETWEEN KAPSS-ZIGBI CHANGED FROM 8.99 TO 8.80 AND DISTANCE BETWEEN ZIGBI-SAYOT CHANGED FROM 6.01 TO 6.33 TO STAY WITHIN DG LIMITS.
- CHANGED PFAF SAYOT ALTITUDE FROM 7900 TO 8000 TO STAY WITHIN DG LIMITS.
- FAS DATA BLOCK INFORMATION: CRC REMAINDER CHANGED FROM C21C2440 TO 4CBB9C41 PER NEW FAS DATA
- FAS DATA BLOCK INFORMATION: FPAP LONGITUDE DATA CHANGED FROM 1160026.0400W TO 1160026.0425W PER NEW FAS DATA.
- CHANGED VDP FROM CHART VDP AT 1.18 NM TO RW18 TO CHART VDP AT 1.30 NM TO RW18 PER 8260.3E 2-6-5
- REPLACED NAME OF FIX FESGO TO FIX KAPSS PER REQUEST DUE TO A SIMILAR SOUNDING NAME ON AIRWAY V-32 WITHIN CLOSE PROXIMITY.
- ADDED STEPDOWN FIXES TO BOTH FEEDER SEGMENTS, TBROS (400847.17N-1154241.47W) BETWEEN FIXES JEBEG AND KAPSS AND AJAFO (401441.41N-1154200.49W) BETWEEN FIXES SIKEE AND KAPSS TO MITIGATE OBSTACLES INCREASING SEGMENT ALTITUDES.
- REPLACED LP WITH LPV LINE OF MINIMA PER FPT REQUEST.
- MISSED APPROACH CHANGED FROM CLIMBING RIGHT TURN TO 14000 DIRECT LECED AND ON TRACK 138.00 TO RPYO AND ON TRACK 48.19 TO INGOL AND HOLD TO CLIMB 7800 ON HEADING 177.98 THEN CLIMBING RIGHT TURN DIRECT LECED THEN ON 138.00 TRACK TO RPYO THEN 14000 ON 48.19 TRACK TO INGOL AND HOLD; ADDED CLIMB TO ALTITUDE PER IAW 8260.58 PARA 3-5-2.
- DIST FAF TO MAP/THLD CHANGED FROM 6.01 TO 6.33 PER 8260.3E SECTION 2-6.
- FAC CHANGED FROM 177.99 TO 177.98 PER 8260.3E SECTION 2-6.
- CHANGED FAS OBST FROM 6114 AAO 393956N/1155840W, 6109 AAO 393956N/1155832W DUE TO NEW FAS OBSTACLE AND REMOVED FAS OBSTACLE FOR LP MINS THAT WAS REMOVED.
- ADDED LPV DA/HAT 7536/1592 WITH A VISIBILITY OF 6 MILES PER FPT REQUEST/ADDING WAAS MINS/ 8260.3E TABLE 3-3-1
- ADDED LPV* (390 FT/NM TO 9900) DA/HAT 6144/200 WITH A VISIBILITY OF ¾ MILE PER FPT REQUEST/ADDING WAAS MINS/ 8260.3E TABLE 3-3-1
- CHANGED LNAV MDA/HAT FROM 7820/1880 TO 7880/1936 PER UPDATED MISSED APPROACH SLOPED PENETRATIONS/ PER 8260.3E SECTION 2-6.
- CHANGED LNAV** (390 FT/NM TO 10200) MDA/HAT FROM 6380/440 TO 6400/456 PER UPDATED MISSED APPROACH SLOPED PENETRATIONS/ PER 8260.3E SECTION 2-6.
- CHANGED CIRCLING MDA/HAA FROM 7820/1862 TO 7880/1922 TO MATCH STRAIGHT IN MDA PER 8260.3E 3-2-1(H).
- ALTERNATE MINIMUM NOTES CHANGED FROM CAT A, B 1900-2, CAT C, D 1900-3 TO CAT A, B, C, D 2000-6

COORDINATED WITH:

A4A ☐ ALPA ☒ AOPA ☒ APA ☐ HAI ☐ NBAA ☒ OTHER: ZLC, AMGR, WST FPT

FLIGHT CHECKED BY

THOMAS E MOLOKIE

Digitally signed by

JOHN BORDY

Nov 08, 2023

OFFICE

FPO

DATE

11/06/2023

DEVELOPED BY

DAVID TEFFETELLER (TROY PURNELL)

Digitally signed by

JOHN BORDY

Nov 08, 2023

OFFICE

AJV-A433

DATE

03/30/2023

APPROVED BY

JOHN BORDY

Digitally signed by

JOHN BORDY

Nov 08, 2023

OFFICE

AJV-A433

DATE

11/08/2023

TITLE

MANAGER



FAS DATA BLOCK INFORMATION

<u>DATA FIELD</u>	<u>DATA</u>
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	05U
RUNWAY	RW18
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W18A
LTP/FTP LATITUDE	393648.9120N
LTP/FTP LONGITUDE	1160004.1140W
LTP/FTP ELLIPSOIDAL HEIGHT	+17897
FPAP LATITUDE	393521.3660N
FPAP LONGITUDE	1160026.0425W
THRESHOLD CROSSING HEIGHT (TCH)	00045.0
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	0528
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	35.0
CRC REMAINDER	4CBB9C41

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K2
LTP ORTHOMETRIC HEIGHT	+18104
FPAP ORTHOMETRIC HEIGHT	+18104

