

**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> KTPH	<u>PROCEDURE NAME</u> RNAV (GPS) RWY 15	<u>ORIGINAL/AMENDMENT</u> ORIG-C	<u>CITY</u> TONOPAH	<u>STATE</u> NV		
<u>AIRPORT ELEVATION</u> 5430	<u>TDZE</u> 5430	<u>SUPERSEDED</u> RNAV (GPS) RWY 15	<u>ORIGINAL/AMENDMENT</u> ORIG-B	<u>DATED</u> 08/15/2019	<u>MAG VAR</u> 15E	<u>EPOCH YEAR</u> 1995
<u>FACILITY</u> RNAV	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 3 NOVEMBER 2022	<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>
WURIL	IAF	GILVE		TF	FB	1.00	024.51	17.42	10700
GILVE	IF	DOBZU		TF	FB	1.00	087.66	6.93	8500
DOBZU		BEUTE		TF	FB	1.00	119.97	3.80	7800
BEUTE	FAF	AWNIN/2.10 NM TO RW15		TF	FB	0.30	149.97	3.97	
AWNIN/2.10 NM TO RW15		RW15	MAP	TF	FO	0.30	149.97	2.10	
RW15	MAP	5760 MSL		CA			149.97		
5760 MSL		AYUBE		DF	FB	1.00			
AYUBE		ZOTUX		TF	FO	1.00	226.42	26.56	11000

MISSED APPROACH

MAP:

LP: RW15
LNAV: RW15

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 11000 DIRECT AYUBE AND ON TRACK 226.42 TO ZOTUX AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:

QUALITY
10
CHECKED

CHANGES - REASONS

1. CHANGED LP MINS FROM MDA 5740/HAT 310 ALL CATS TO 5760/HAT 330 ALL CATS - NEW LP CONTROLLING OBSTACLE POLE 5497 MSL (32-079907) AC 1A (20/3) 380439.94N/1170541.27W; INCORPORATED NOTAM !FDC 1/7760.
2. CHANGED PBN REQUIREMENTS NOTE FROM RNP APCH TO RNP ACH - GPS - IAW 8260.19I 8-6-8 B.
3. CHANGED 34:1 IS NOT CLEAR TO 34: IS CLEAR AND ADDED 20:1 IS CLEAR - IAW 8260.19I 8-6-7 G 3.
4. CRC REMAINDER CHANGED FROM BA58BCCA TO D9F6B65F - LTP COORDINATES FROM 380403.1190N 1170533.7945W TO 380403.1165N 1170533.7945W, FPAP COORDINATES FROM 380236.9600N 1170504.5800W TO 380236.9670N 1170504.5550W, LTP ELLIPSOIDAL HEIGHT FROM 16300 TO 16301, LTP ORTHOMETRIC HEIGHT FROM 16549 TO 16551.
5. ADDED CHART VDP: 0.91 NM TO RW15 - IAW 8260.19I 8-6-10 M AND 20:1 SURFACE IS CLEAR.
6. INCORPORATED ALL CHANGES FROM P-NOTAMS 9/0999 AND 4/0138 - IAW 8260.19I 8-3-4 C (3).
7. CHANGED 7:1 OBSTACLES IN ADDITIONAL FLIGHT DATA FROM 6400 AAO 380906N/1170923W TO 5531 TRAVERSE_WAY 380544N/1170709W, 6440 AAO 380940N/1170945W, 6200 AAO 380928N/1170830W - NEW TARGETS EVALUATION.

COORDINATED WITH:

A4A ☐ **ALPA** ☒ **AOPA** ☒ **APA** ☐ **HAI** ☐ **NBAA** ☒ **OTHER:** ZLC, ZOA, NELLIS APP CON, AMGR

FLIGHT CHECKED BY

Digitally signed by

DONALD E SMITH

Sep 13, 2022

OFFICE

FPO

DATE

09/12/2022

DEVELOPED BY

Digitally signed by

ARTHUR M ULVESTAD

Jul 26, 2022

OFFICE

AJV-A413

DATE

05/23/2022

APPROVED BY

JULIE MORGAN

OFFICE

AJV-A410

DATE

TITLE

MANAGER

Digitally signed by

DONALD E SMITH

Aug 02, 2022

QUALITY
10
CHECKED

FAS DATA BLOCK INFORMATION

<u>DATA FIELD</u>	<u>DATA</u>
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KTPH
RUNWAY	RW15
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W15A
LTP/FTP LATITUDE	380403.1165N
LTP/FTP LONGITUDE	1170533.7945W
LTP/FTP ELLIPSOIDAL HEIGHT	+16301
FPAP LATITUDE	380236.9670N
FPAP LONGITUDE	1170504.5550W
THRESHOLD CROSSING HEIGHT (TCH)	00050.0
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.60
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	0568
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	0.0
CRC REMAINDER	D9F6B65F

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K2
LTP ORTHOMETRIC HEIGHT	+16551
FPAP ORTHOMETRIC HEIGHT	+16551

QUALITY
10
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