

**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.

AIRPORT ID VYS	PROCEDURE NAME RNAV (GPS) RWY 18	ORIGINAL/AMENDMENT 2	CITY PERU	STATE IL
AIRPORT ELEVATION 654	TDZE 654	SUPERSEDED RNAV (GPS) RWY 18	DATED 11/03/2022	MAG VAR 3W
FACILITY RNAV	COORDINATES OF FACILITIES	ACTUAL EFFECTIVE DATE 7 AUGUST 2025	REQUIRED EFFECTIVE DATE ROUTINE	EPOCH YEAR 2015
				CANCEL/SUSPEND

TERMINAL ROUTES

FROM	FIX TYPE	TO	FIX TYPE	LEG TYPE	FO/FB	RNP	COURSE	DISTANCE	ALTITUDE
KELSI		JITSA		TF	FO	1.00	314.04	9.77	2600
SHOOF	IAF	JITSA	NOPT	TF	FB	1.00	199.18	13.06	2600
JITSA	IF/IAF	FIREP		TF	FB	1.00	182.57	6.10	2300
FIREP	FAF	HORAH/1.97 NM TO RW18		TF	FB	0.30	182.57	3.08	
HORAH/1.97 NM TO RW18		RW18	MAP	TF	FO	0.30	182.57	1.97	
RW18	MAP	926 MSL		CA			182.57		
926 MSL		MRKWL		DF	FO	1.00			2500

MISSED APPROACH

MAP:

LPV: DA
LNAV/VNAV: DA
LNAV: RW18

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 2500 DIRECT MRKWL AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:

PROFILE:

- PT SIDE OF COURSE OUTBOUND FT WITHIN MILES OF (IAF)
- HOLD N JITSA, RT, 182.57 INBOUND, 2600 FT. IN LIEU OF PT (IAF), MAX 6000.
- FAC: 182.57 FAF: FIREP DIST FAF TO MAP: 5.04 DIST FAF TO THLD: 5.04
- MIN ALT: JITSA 2600, FIREP 2300, HORAH/1.97 NM TO RW18 1320
- DIST TO THLD FROM OM: MM: IM: 150 HAT: 272 HAT: 0.73 GS ANT: IM:
- MIN GP INCPT: 2300 GP ALT AT PFAF: FIREP 2300 OM: MM:
- GP ANGLE: 3.00 34:1: IS NOT CLEAR 20:1: IS CLEAR TCH: 40.0
- MSA FROM: RW18 3100



PBN REQUIREMENTS NOTE:

RNP APCH - GPS.

NOTES:

CHART NOTE: RWY 18 HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED.
 CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -16°C OR ABOVE 54°C.
 CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT SHOOF ON V6 EASTBOUND.
 CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT KELSI ON V38 EASTBOUND AND V10 NORTHEAST BOUND.

ADDITIONAL FLIGHT DATA:

HOLD S, RT, 002.57 INBOUND.
 CHART FAS OBST: 765 BUILDING (17-028152) 412227N/0890934W.
 CHART VDP AT 1.02 NM TO RW18.
 WAAS CHANNEL # 86937
 REFERENCE PATH ID: W18A
 CHART CIRCLING ICON.
 LTP HAE: 166.4 M

MINIMUMS:

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

ALTERNATE: NA STANDARD - CAT D 900-2 1/2, NA WHEN LOCAL WEATHER NOT AVAILABLE.

<u>CATEGORY:</u>	<u>A</u>			<u>B</u>			<u>C</u>			<u>D</u>			<u>E</u>		
<u>FINAL TYPE</u>	<u>DA/MDA</u>	<u>VIS</u>	<u>HAT/HAA</u>												
LPV DA	939	1	285	939	1	285	939	1	285	939	1	285			
LNAV/VNAV DA	926	1	272	926	1	272	926	1	272	926	1	272			
LNAV MDA	1020	1	366	1020	1	366	1020	1	366	1020	1	366			
CIRCLING	1120	1	466	1240	1	586	1260	1 3/4	606	1460	2 1/2	806			

CHANGES - REASONS

1. TERMINAL ROUTES: REMOVED BDF VORTAC FEEDER SEGMENT – BDF VOR MON.
2. PROCEDURE: CHANGED ALL INSTANCES OF “2500” AT JITSA TO “2600” – NEW HOLDING OBSTACLE EVALUATION.
3. REMOVED “CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVAL ON BDF VORTAC AIRWAY RADIALS 058 CW 085” – BDF VOR MON.
4. FAS DATA: CHANGED FPAP LAT/LONG FROM “412007.1730N/ 0890910.5300W” TO “412007.1725N/ 0890910.5380W” – TARGETS CALCULATION IAW 8260.58C 3-1-5.C, 8260.19J APPENDIX K.
5. FAS DATA: CHANGED CRC REMAINDER FROM “119D93A9” TO “9269F7F6” – FPAP LAT/LONG CHANGED.



COORDINATED WITH:

A4A **ALPA** **AOPA** **APA** **HAI** **NBAA** **OTHER:** ZAU, AMGR

FLIGHT CHECKED BY

SHAWN D MAXWELL

Digitally signed by
CASIMIR L TABAKA
May 15, 2025

OFFICE

AJF

DATE

05/08/2025

DEVELOPED BY

CASIMIR L. TABAKA (ROBERT A. SWINSON)

Digitally signed by
CASIMIR L TABAKA
May 15, 2025

OFFICE

AJV-A432

DATE

02/06/2025

APPROVED BY

CASIMIR L. TABAKA

Digitally signed by
CASIMIR L TABAKA
May 15, 2025

OFFICE

AJV-A432

DATE

TITLE
MANAGER

FAS DATA BLOCK INFORMATION

<u>DATA FIELD</u>	<u>DATA</u>
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KVYS
RUNWAY	RW18
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W18A
LTP/FTP LATITUDE	412136.3175N
LTP/FTP LONGITUDE	0890911.4175W
LTP/FTP ELLIPSOIDAL HEIGHT	+01664
FPAP LATITUDE	412007.1725N
FPAP LONGITUDE	0890910.5380W
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	0920
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0
CRC REMAINDER	9269F7F6

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K5
LTP ORTHOMETRIC HEIGHT	+01994
FPAP ORTHOMETRIC HEIGHT	+01994

