

**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> VYS	<u>PROCEDURE NAME</u> RNAV (GPS) RWY 36	<u>ORIGINAL/AMENDMENT</u> 2	<u>CITY</u> PERU	<u>STATE</u> IL
<u>AIRPORT ELEVATION</u> 654	<u>TDZE</u> 650	<u>SUPERSEDED</u> RNAV (GPS) RWY 36	<u>DATED</u> 11/03/2022	<u>MAG VAR</u> 3W
<u>FACILITY</u> RNAV	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 7 AUGUST 2025	<u>REQUIRED EFFECTIVE DATE</u> ROUTINE	<u>EPOCH YEAR</u> 2015
				<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>
SMARS	IAF	MRKWL	NOPT	TF	FB	1.00	280.71	13.29	2500
MRKWL	IF/IAF	JODYS		TF	FB	1.00	002.57	6.12	2300
JODYS	FAF	COYAR/2.00 NM TO RW36		TF	FB	0.30	002.57	3.09	
COYAR/2.00 NM TO RW36		RW36	MAP	TF	FO	0.30	002.57	2.00	
RW36	MAP	900 MSL		CA			002.57		
900 MSL		JITSA		DF	FO	1.00			2600

MISSED APPROACH

MAP:

LPV: DA
LNAV/VNAV: DA
LNAV: RW36

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 2600 DIRECT JITSA AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:

PROFILE:

- PT
- SIDE OF COURSE** OUTBOUND FT WITHIN MILES OF (IAF)
- HOLD S MRKWL, RT, 002.57 INBOUND, 2500 FT. IN LIEU OF PT (IAF), MAX 6000.
- FAC:** 002.57 **FAF:** JODYS **DIST FAF TO MAP:** 5.09 **DIST FAF TO THLD:** 5.09
- MIN ALT:** MRKWL 2500, JODYS 2300, COYAR/2.00 NM TO RW36 1300
- DIST TO THLD FROM OM:** **MM:** **IM:** **150 HAT:** **250 HAT:** 0.70 **GS ANT:**
- MIN GP INCPT:** 2300 **GP ALT AT PFAF:** JODYS 2300 **OM:** **MM:** **IM:**
- GP ANGLE:** 3.00 **34:1:** IS CLEAR **20:1:** IS CLEAR **TCH:** 40.0
- MSA FROM:** RW36 3100



PBN REQUIREMENTS NOTE:

RNP APCH - GPS.

NOTES:

CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -16°C OR ABOVE 54°C.
 CHART NOTE: INOPERATIVE TABLE DOES NOT APPLY.
 CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT SMARS ON T325 SOUTHEAST BOUND AND T215 EASTBOUND.

ADDITIONAL FLIGHT DATA:

HOLD N, RT, 182.57 INBOUND.
 CHART FAS OBST: 710 TOWER (17-001875) 411926N/0890904W.
 CHART VDP AT 1.07 NM TO RW36.
 WAAS CHANNEL # 82037
 REFERENCE PATH ID: W36A
 CHART CIRCLING ICON.
 LTP HAE: 161.3 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.

CATEGORY:	A			B			C			D			E			
	FINAL TYPE	DA/MDA	VIS	HAT/HAA												
LPV DA	900	1	250	900	1	250	900	1	250	900	1	250				
LNAV/VNAV DA	900	1	250	900	1	250	900	1	250	900	1	250				
LNAV MDA	1020	1	370	1020	1	370	1020	1	370	1020	1	370				
CIRCLING	1120	1	466	1240	1	586	1260	1 3/4	606	1460	2 1/2	806				

CHANGES - REASONS

1. TERMINAL ROUES: REMOVED BDF VORTAC SEGMENT – BDF VOR MON.
2. MISSED APPROACH INSTRUCTIONS: CHANGED “2500” TO “2600” - NEW HOLD CONTROLLING OBSTACLE.
3. REMOVED “CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS ON BDF VORTAC AIRWAY RADIALS 058 CW 08” – BDF VOR MON.
4. ADDED “T215 EASTBOUND” TO CHART PLANVIEW NOTE – NEWLY CHARTED AIRWAY.
5. ADDITIONAL FLIGHT DATA: ADDED “(17-001875)” TO CHART FAS OBST – CURRENT DOCUMENTATION STANDARD.
6. FAS DATA: FPAP LONGITUDE CHANGED FROM “0890911.7210W” TO “0890911.7125W” – TARGETS CALCULATION IAW 8260.58C 3-1-5.C, 8260.19J APPENDIX K.
7. FAS DATA: CRC REMAINDER CHANGED FROM “7631320B” TO “6FE58805” – FPAP LONGITUDE 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

02/07/2025

APPROVED BY

CASIMIR L. TABAKA

Digitally signed by
CASIMIR L TABAKA
May 15, 2025

OFFICE

AJV-A432

DATE

TITLE
MANAGER

FAS DATA BLOCK INFORMATION

DATA FIELD	DATA
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KVYS
RUNWAY	RW36
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W36A
LTP/FTP LATITUDE	412037.0475N
LTP/FTP LONGITUDE	0890910.8330W
LTP/FTP ELLIPSOIDAL HEIGHT	+01613
FPAP LATITUDE	412206.1925N
FPAP LONGITUDE	0890911.7125W
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	6FE58805

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K5
LTP ORTHOMETRIC HEIGHT	+01943
FPAP ORTHOMETRIC HEIGHT	+01943

