

**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 BLV	PROCEDURE NAME RNAV (GPS) Y RWY 14R	ORIGINAL/AMENDMENT 1	CITY BELLEVILLE	STATE IL
AIRPORT ELEVATION 459	TDZE 459	SUPERSEDED RNAV (GPS) RWY 14R	DATED 09/08/2022	MAG VAR 2W
FACILITY RNAV	COORDINATES OF FACILITIES	ACTUAL EFFECTIVE DATE 27 NOVEMBER 2025	REQUIRED EFFECTIVE DATE ROUTINE	EPOCH YEAR 2020
			CANCEL/SUSPEND	

TERMINAL ROUTES

FROM	FIX TYPE	TO	FIX TYPE	LEG TYPE	FO/FB	RNP	COURSE	DISTANCE	ALTITUDE
DRFTR	IF/IAF	HELGU		TF	FB	1.00	138.43	6.00	2200
HELGU	FAF	RW14R	MAP	TF	FO	0.30	138.49	5.31	
RW14R	MAP	1100 MSL		CA			138.49		1100
1100 MSL		NEWAT		DF	FO	1.00			3000

MISSED APPROACH

MAP:

LPV: DA
LNAV/VNAV: DA
LNAV: RW14R

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 1100 THEN CLIMBING RIGHT TURN TO 3000 DIRECT NEWAT AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:

PROFILE:

- PT SIDE OF COURSE OUTBOUND FT WITHIN MILES OF (IAF)
- HOLD NW DRFTR, RT, 138.43 INBOUND, 3000 IN LIEU OF PT (IAF), MAX 6000.
- FAC: 138.49 FAF: HELGU DIST FAF TO MAP: 5.31 DIST FAF TO THLD: 5.31
- MIN ALT: DRFTR 3000, HELGU 2200
- DIST TO THLD FROM OM: MM: IM: 150 HAT: 200 HAT: 0.47 GS ANT: IM:
- MIN GP INCPT: 2200 GP ALT AT PFAF: HELGU 2200 OM: MM:
- GP ANGLE: 3.00 34:1: IS CLEAR 20:1: IS CLEAR TCH: 50.8
- MSA FROM: RW14R 2700



PBN REQUIREMENTS NOTE:

RNP APCH - GPS

NOTES:

CHART NOTE: SIMULTANEOUS APPROACH AUTHORIZED.
 CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -15°C OR ABOVE 54°C.
 CHART NOTE: * RVR 1800 AUTHORIZED WITH USE OF FD OR AP OR HUD TO DA.
 CHART NOTE: FOR INOPERATIVE ALS, INCREASE LNAV CAT C/D VISIBILITY TO 1 3/4 SM.

ADDITIONAL FLIGHT DATA:

HOLD W, RT, 074.72 INBOUND.
 FAS OBST: 781 AAO 383612N/0895603W.
 CHART VDP AT 1.72 NM TO RW14R.
 WAAS CHANNEL # 61247
 REFERENCE PATH ID: W14B
 LTP HAE: 109.3 M

MINIMUMS:

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

ALTERNATE: NA STANDARD - CAT C 800-2 1/4, CAT D 800-2 1/2, NA WHEN LOCAL WEATHER NOT AVAILABLE.

CATEGORY:	A			B			C			D			E			
	FINAL TYPE	DA/MDA	VIS	HAT/HAA												
LPV DA*	659	2400	200	659	2400	200	659	2400	200	659	2400	200				
LNAV/VNAV DA	1035	1 1/4	576	1035	1 1/4	576	1035	1 1/4	576	1035	1 1/4	576				
LNAV MDA	1060	2400	601	1060	2400	601	1060	1 3/8	601	1060	1 3/8	601				
CIRCLING	1060	1	601	1120	1	661	1240	2 1/4	781	1240	2 1/2	781				



CHANGES - REASONS

1. CHANGED PROCEDURE NAME FROM RNAV (GPS) RWY 14R TO RNAV (GPS) Y RWY 14R - FPT REQUEST.
2. REMOVED INITIAL ROUTE FROM TOY VORTAC - SCHEDULED DECOM/FPT REQUEST.
3. CHANGED INTERMEDIATE ROUTE FROM SIQAF - PUJXO TO DRFTR - HELGU AND DISTANCE/COURSE FROM 138.45/5.00 TO 138.49/6.00 - NEW INTERMEDIATE FIX.
4. CHANGED FAF FIX FROM PIJXO TO HELGU - FPT REQUEST.
5. CHANGED FAF ALTITUDE FROM 2100 TO 2200 - FPT REQUEST.
6. CHANGED FINAL ROUTE FROM PUJXO - RW14R TO HELGU - RW14R AND DISTANCE/COURSE FROM 138.50/4.00 TO 138.49/5.31 - NEW FAF/ NEW LOCATION.
7. CHANGED CA ROUTE COURSE FROM 138.50 TO 138.49 - NEW FAC.
8. CHANGED MISSED APP INSTRUCTIONS FROM "CLIMB TO 3000 DIRECT QODCU AND HOLD" TO "CLIMB TO 1100 THEN CLIMBING RIGHT TURN TO 3000 DIRECT NEWAT AND HOLD" - NEW MISSED APP FIX LOCATION.
9. PROFILE LINE 2 ADDED HILPT AT DRFTR - NEW HILPT.
10. PROFILE LINE 3 CHANGED FAC FROM 138.50 TO 138.49 FAF FROM PUJXO TO HELGU DIST FAF TO MAP/THLD FROM 4.0 TO 5.31 - NEW FAF LOCATION.
11. PROFILE LINE 4 REMOVED SIQAF 2800, PUJXO 1800 AND ADDED DRFTR 3000 ADDED HELGU 2200 - NEW FAF ALTITUDE.
12. PROFILE LINE 7 ADDED GP ANGLE 3.00 AND TCH 50.8 - NEW FAF LOCATION.
13. ADDED NOTE: "CHART NOTE: **RVR 1800 AUTHORIZED WITH USE OF FD OR AP OR HUD TO DA" - PROCEDURE QUALIFIES FOR 1800 RVR.
14. ADDED NOTE: "CHART NOTE: SIMULTANEOUS APPROACH AUTHORIZED" - FPT REQUEST/ QUALIFY FOR BASIC SIMULTANEOUS OPERATIONS.
15. ADDED NOTE: "CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -15°C OR ABOVE 54°C" - ADDED LNAV/VNAV MINS.
16. REMOVED NOTE: "CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVAL ON TOY VORTAC AIRWAY RADIALS 189 CW 282" - INITIAL ROUTE REMOVED FROM PROCEDURE.
15. REMOVED NOTE: "CHART PROFILE NOTE: VGSI AND DESCENT ANGLES NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET})" - NOW COINCIDENT.
16. ADDED FAS DATA.
17. UPDATED ADD FLIGHT DATA FAS OBST FROM 759 WATER_TOWER (17-046714) 383536N/0895346W TO 781 AAO 383612N/0895603W - NEW EVALUATION.
18. ADDED ADD FLIGHT DATA WAAS CHANNEL # 61247 REFERENCE PATH ID: W14A - RNAV CHANNEL WAAS AND GNSS/FMS WAAS COMPATIBLE.
19. ADDED ADD FLIGHT DATA LTP HAE: 109.3 M - FAS DATA ADDED.
20. ADDED LPV AND LNAV/VNAV MINS - FPT REQUEST.
21. CHANGED WX REMARKS FROM "RASS PRESSURE PATTERNS THE SAME KBLV 459, KCPS 413 RA = 41.3" TO "AIRPORT HAS REDUNDANT WEATHER SOURCES" - PER FPT.
22. REMOVED CONTINGENCY NOTE "CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE CAHOKIA/ST LOUIS ALTIMETER SETTING AND INCREASE ALL MDAS 60 FEET AND LNAV VISIBILITY CAT C/D 1/8 SM, AND CIRCLING VISIBILITY CAT C/D 1/4 SM" - AIRPORT HAS REDUNDANT WEATHER SOURCES.
23. REMOVED "VDP NA WHEN USING CAHOKIA/ST LOUIS ALTIMETER SETTING" - AIRPORT HAS REDUNDANT WEATHER SOURCES.
24. ADDED CRITICAL TEMPS - LNAV/VNAV MINS ADDED.
25. ARINC DATA CHANGED REF PATH ID CHANGED FROM W14A TO W12B - ADDITIONAL UNIQUE FAS DATA BLOCK.

10/15/25: THIS IS AN UPDATED COPY OF THE FORM DEVELOPED ON 04/24/25.

1. ADDED ALTITUDE 1100 TO TERMINAL ROUTE CA LEG.

COORDINATED WITH:

A4A
 ALPA
 AOPA
 APA
 HAI
 NBAA

OTHER: ZKC, SCOTT TOWER, STL APP CON, HQ AMC TERPS, ANG/DOBA, AMGR

Digitally signed by

FLIGHT CHECKED BY

CASEY D HILL

SCOTT WIEBE

Oct 16, 2025

OFFICE

AJF

DATE

09/25/2025

Digitally signed by

DEVELOPED BY

CASEY D HILL

PHILLIP SMART

Oct 16, 2025

OFFICE

AJV-A433

DATE

04/24/2025

Digitally signed by

APPROVED BY

CASEY D HILL

ROBERT G HAMILTON

Oct 16, 2025

OFFICE

AJV-A433

DATE

TITLE

MANAGER



FAS DATA BLOCK INFORMATION

<u>DATA FIELD</u>	<u>DATA</u>
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KBLV
RUNWAY	RW14R
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	Y
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W14B
LTP/FTP LATITUDE	383306.5755N
LTP/FTP LONGITUDE	0895142.9825W
LTP/FTP ELLIPSOIDAL HEIGHT	+01093
FPAP LATITUDE	383201.8335N
FPAP LONGITUDE	0895024.8705W
THRESHOLD CROSSING HEIGHT (TCH)	00050.8
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	0312
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	35.0

CRC REMAINDER 0119379D

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K5
LTP ORTHOMETRIC HEIGHT	+01399
FPAP ORTHOMETRIC HEIGHT	+01399

