

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> KBLV	<u>PROCEDURE NAME</u> RNAV (GPS) RWY 14R	<u>ORIGINAL/AMENDMENT</u> ORIG-G	<u>CITY</u> BELLEVILLE	<u>STATE</u> IL		
<u>AIRPORT ELEVATION</u> 459	<u>TDZE</u> 459	<u>SUPERSEDED</u> RNAV (GPS) RWY 14R	<u>ORIGINAL/AMENDMENT</u> ORIG-F	<u>DATED</u> 02/25/2021	<u>MAG VAR</u> 2W	<u>EPOCH YEAR</u> 2020
<u>FACILITY</u> RNAV	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u>	<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>
TOY VORTAC	IAF	SIQAF		TF	FB	1.00	218.89	5.88	2800
SIQAF	IF	PUJXO		TF	FB	1.00	138.45	5.00	1800
PUJXO	FAF	RW14R	MAP	TF	FO	0.30	138.50	4.00	
RW14R	MAP	859 MSL		CA	FB		138.50		
859 MSL		QODCU		DF	FO	1.00			3000

MISSED APPROACH

MAP:

LNAV: RW14R

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 3000 DIRECT QODCU AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:

PROFILE:

- PT SIDE OF COURSE OUTBOUND FT WITHIN MILES OF (IAF)
- PROFILE STARTS AT SIQAF
- FAC: 138.50 FAF: PUJXO DIST FAF TO MAP: 4.00 DIST FAF TO THLD: 4.00
- MIN ALT: SIQAF 2800, PUJXO 1800
- DIST TO THLD FROM OM: MM: IM: 150 HAT: GS ANT:
- MIN GP INCPT: GP ALT AT FAF : OM: MM: IM:
- GP ANGLE: 34:1: IS CLEAR 20:1: IS CLEAR TCH:
- MSA FROM: RW14R 2700

QUALITY
16
CHECKED

PBN REQUIREMENTS NOTE:

RNP APCH - GPS

NOTES:

CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVAL ON TOY VORTAC AIRWAY RADIALS 189 CW 282.
CHART PROFILE NOTE: VGSI AND DESCENT ANGLES NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET}).
CHART NOTE: FOR INOPERATIVE ALS, INCREASE LNAV CAT C/D VISIBILITY TO 1 3/4 SM.

ADDITIONAL FLIGHT DATA:

HOLD SE, RT, 318.61 INBOUND.
CHART FAS OBST: 759 WATER TOWER (17-046714) 383536N/0895346W.
CHART VDP AT 1.72 NM TO RW14R.
CHART CIRCLING ICON.
PUJXO TO RW14R: 3.01/65.

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.

<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>	<u>DA/MDA</u>	<u>VIS</u>	<u>HAT/HAA</u>	<u>DA/MDA</u>	<u>VIS</u>	<u>HAT/HAA</u>	<u>DA/MDA</u>	<u>VIS</u>	<u>HAT/HAA</u>	<u>DA/MDA</u>	<u>VIS</u>	<u>HAT/HAA</u>
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 CIRCLING CAT B MDA/HAA FROM 1080/621 TO 1120/661. - UPDATED OBSTACLE DATABASE AND EVALUATION.
2. CHANGED VDP DISTANCE TO THLD FROM 1.68 TO 1.72. - UPDATED EVALUATION.
3. ADDED NA WHEN LOCAL WEATHER NOT AVAILABLE TO ALTERNATE MINS. - BACK UP ALTIMETER NOW PUBLISHED IN AIRNAV.

COORDINATED WITH:A4A ☒ ALPA ☒ AOPA ☒ APA ☐ HAI ☐ NBAA ☒ **OTHER:** ZKC, SCOTT TOWER, STL APP CON, HQ AMC TERPS, ANG/DOBA, AMGR**FLIGHT CHECKED BY**
SCOTT WIEBE**OFFICE**
FPO**DATE**
07/19/2022Digitally signed by
DONALD E SMITH
Jul 20, 2022**DEVELOPED BY**
STEVEN WINNERDigitally signed by
STEVEN E WINNER
May 17, 2022**OFFICE**
AJV-A413**DATE**
04/28/2022**APPROVED BY**
JULIE MORGAN**OFFICE**
AJV-A410**DATE**Digitally signed by
DONALD E SMITH
Jul 20, 2022
TITLE
MANAGERQUALITY
16
CHECKED

FEDERAL AVIATION ADMINISTRATION
FLIGHT STANDARDS SERVICE
STANDARD INSTRUMENT APPROACH PROCEDURE DATA RECORD

<u>AIRPORT ID</u> KBLV	<u>PROCEDURE NAME</u> RNAV (GPS) RWY 14R	<u>AMDT NO.</u> ORIG-G	<u>CITY</u> BELLEVILLE	<u>STATE</u> IL	<u>AIRPORT ELEVATION</u> 459	<u>FACILITY</u> RNAV
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PART A: OBSTRUCTION DATA SEGMENTS

INITIAL

FROM
TOY VORTAC

TO
SIQAF

<u>RNP</u>	<u>DISTANCE</u> 5.88	<u>PAT</u>	<u>MAP</u>	<u>HAT</u>	<u>HMAS</u>							
<u>OBSTRUCTION</u>	<u>COORDINATES</u>		<u>ELEV MSL</u>	<u>HORZ</u>	<u>VERT</u>	<u>AC</u>	<u>ROC</u>	<u>OCS</u>	<u>CG</u>	<u>CGTA</u>	<u>ADJUSTMENTS</u>	<u>MIN ALT</u>
1.TOWERS (14-0440)	384059.00N/0900002.00W		1050	500	50	5D	1000				AT750	2800
2.TERRAIN	383836.00N/0895727.00W		607 (600)								AS1500	2100

COMPUTATIONS

ALT KIAS KTAS HAA VKTW TR BA DTA COURSE CHANGE DVEB VEB OCS RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

INTERMEDIATE

FROM
SIQAF

TO
PUJXO

<u>RNP</u>	<u>DISTANCE</u> 5.00	<u>PAT</u>	<u>MAP</u>	<u>HAT</u>	<u>HMAS</u>							
<u>OBSTRUCTION</u>	<u>COORDINATES</u>		<u>ELEV MSL</u>	<u>HORZ</u>	<u>VERT</u>	<u>AC</u>	<u>ROC</u>	<u>OCS</u>	<u>CG</u>	<u>CGTA</u>	<u>ADJUSTMENTS</u>	<u>MIN ALT</u>
3.TOWER (14-2020)	383747.00N/0900040.00W		1068	100	20	3C	500				AT232	1800
2.TERRAIN	383836.00N/0895727.00W		607 (600)								AS1000	1600

COMPUTATIONS

ALT KIAS KTAS HAA VKTW TR BA DTA COURSE CHANGE DVEB VEB OCS RF CENTER FIX/DISTANCE

SEGMENT REMARKS:



FINAL: LNAV

FROM

PUJXO

TO

RW14R

<u>RNP</u>	<u>DISTANCE</u> 4.00	<u>PAT</u>	<u>MAP</u> RW14R	<u>HAT</u> 601			<u>HMAS</u>					
<u>OBSTRUCTION</u>	<u>COORDINATES</u>		<u>ELEV MSL</u>	<u>HORZ</u>	<u>VERT</u>	<u>AC</u>	<u>ROC</u>	<u>OCS</u>	<u>CG</u>	<u>CGTA</u>	<u>ADJUSTMENTS</u>	<u>MIN ALT</u>
4.WATER_TOWER (17-046714)	383536.15N/0895346.42W		759	20	3	1A	250				XP51	1060

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

XP51: TO MAINTAIN CURRENT MINIMUMS.

MISSED APPROACH : LNAV

FROM

RW14R

TO

QODCU

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>	<u>HAT</u>			<u>HMAS</u> 960					
<u>OBSTRUCTION</u>	<u>COORDINATES</u>		<u>ELEV MSL</u>	<u>HORZ</u>	<u>VERT</u>	<u>AC</u>	<u>ROC</u>	<u>OCS</u>	<u>CG</u>	<u>CGTA</u>	<u>ADJUSTMENTS</u>	<u>MIN ALT</u>
								ASC				3000
5.TOWER (17-003823)	382322.01N/0894318.62W		734	50	20	2C	1000					1800
6.TERRAIN	382824.00N/0894442.00W		457 (500)								AS1500	2000

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:



FACILITY
RNAV

QUALITY
16
CHECKED

PART B: SUPPLEMENTAL DATA

COMMUNICATIONS WITH
STL APP CON, SCOTT AFB TOWER

<u>WX SERVICE</u>	<u>LOCATION</u>	<u>HRS OPERATION</u>	<u>ALTIMETER SOURCE</u>	<u>DISTANCE</u>	<u>SERVICE-A</u>	<u>ADJUSTMENTS</u>
ATIS	KBLV	24	KBLV	0	Y	0
<u>BACK-UP WX SERVICE</u>	<u>LOCATION</u>	<u>HRS OPERATION</u>	<u>ALTIMETER SOURCE</u>	<u>DISTANCE</u>	<u>SERVICE-A</u>	<u>ADJUSTMENTS</u>
ASOS	KCPS	24	KCPS	15.13	Y	42

WX REMARKS:
RASS PRESSURE PATTERNS THE SAME
KBLV 459, KCPS 413
RA = 41.3

<u>PRIMARY NAVAID</u>	<u>MONITOR POINT</u>	<u>HRS OPERATION</u>	<u>CAT</u>
<u>APPROACH AND RUNWAY LIGHTING SYSTEM</u>		<u>RUNWAY MARKINGS</u>	<u>RUNWAY VISUAL RANGE</u>
RW14L - HIRL, REIL, PAPI-4R		PIR-G	APPROACH, ROLL OUT
RW14R - ALSF-1, HIRL, PAPI-4L		PIR-G	APPROACH, ROLL OUT
RW32L - ALSF-1, HIRL, PAPI-4L		PIR-G	APPROACH, ROLL OUT
RW32R - MALSR, HIRL, PAPI-4L		PIR-G	APPROACH, ROLL OUT

<u>GLIDESLOPE ANGLE</u>	<u>ELEV RWY THRESHOLD</u>	<u>TCH</u>	<u>ELEV GS ANTENNA</u>	<u>DISTANCE FROM RWY</u>	<u>VGSI ANGLE</u>	<u>TCH</u>
					3.00	50.0

<u>FINAL APPROACH COURSE AIMING</u>		
RUNWAY THRESHOLD	<input checked="" type="checkbox"/>	FT FROM THRESHOLD
ON CENTERLINE	<input checked="" type="checkbox"/>	FT FROM CENTERLINE

<u>CRITICAL TEMPERATURES</u>			
<u>CRITICAL LOW</u>	<u>CRITICAL HIGH</u>	<u>ACT</u>	<u>APT ISA</u>

CRITICAL TEMPERATURE REMARKS:

"VISUAL PORTION OF FINAL" PENETRATIONS

HELICOPTER 'VISUAL PORTION OF FINAL' PENETRATIONS

and/or
5280-FT "PROCEED VFR" SEGMENT LEVEL SURFACE AREA PENETRATIONS

<u>PENETRATIONS REMARKS:</u>

PART C: GENERAL REMARKS:

PRECIPITOUS TERRAIN EVALUATION COMPLETED.

100 FT VEGETATION HEIGHT USED.

FOR CONTINGENCY PURPOSES;
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.
VDP NA WHEN USING CAHOKIA/ST LOUIS ALTIMETER SETTING

ORDER 8260.3, CHAPTER 2, NEW CIRCLING CRITERIA APPLIED.



AIRPORT ID	PROCEDURE NAME	AMDT NO.	CITY	STATE	AIRPORT ELEVATION	FACILITY
KBLV	RNAV (GPS) RWY 14R	ORIG-G	BELLEVILLE	IL	459	RNAV

PART D: AIRSPACE

DOCKET #

ALL DISTANCES TO 1/100NM; ELEVATION TO NEAREST 100 FEET; COORDINATES TO 1/100 SECOND; DEG TO 1/100 DEGREE

DISTANCE FROM	THLD	TO 1000FT POINT	3.37
WIDTH OF	FINAL	SEGMENT AT 1000FT POINT	1.54
TRUE COURSE OF	FINAL	SEGMENT CONTAINING 1000FT POINT	136.50
HIGH TERRAIN IN	FINAL	SEGMENT CONTAINING 1000FT POINT	600
DISTANCE FROM	THLD	TO 1500FT POINT	6.61
WIDTH OF	INTERMEDIATE	SEGMENT AT 1500FT POINT	4.00
TRUE COURSE OF	INTERMEDIATE	SEGMENT CONTAINING 1500FT POINT	136.50
HIGH TERRAIN IN	INTERMEDIATE	SEGMENT CONTAINING 1500FT POINT	600

THRESHOLD
COORDINATES
(IF STR-IN)

383306.58N/0895142.98W

ARP COORDINATES

383242.62N/0895006.67W

RUNWAY APCH END
AND DIST FURTHEST
FROM ARP

RUNWAY 32R DISTANCE 1.32 NM

FAF
COORDINATES

383600.89N/0895513.60W

FIX NAME
COORDINATES

REMARKS

NO ADDITIONAL AIRSPACE REQUIRED

QUALITY
16
CHECKED

FAA Form 8260-9 / (11/16) Supersedes Previous Edition

Electronic Version

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PART E: PREPARED BY

NAME STEVEN WINNER	OFFICE AJV-A413	DATE 04/28/2022	TITLE AERONAUTICAL INFORMATION SPECIALIST
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