

**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> KVIH	<u>PROCEDURE NAME</u> RNAV (GPS) RWY 4	<u>ORIGINAL/AMENDMENT</u> ORIG-B	<u>CITY</u> ROLLA/VICHY	<u>STATE</u> MO		
<u>AIRPORT ELEVATION</u> 1148	<u>TDZE</u> 1137	<u>SUPERSEDED</u> RNAV (GPS) RWY 4	<u>ORIGINAL/AMENDMENT</u> ORIG-A	<u>DATED</u> 06/17/2021	<u>MAG VAR</u> 2E	<u>EPOCH YEAR</u> 2000
<u>FACILITY</u> RNAV	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 12 AUGUST 2021	<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>
VIH VOR/DME		GIKRE		TF	FO	1.00	228.52	14.65	2800
MAP TACAN		AVIJY		TF	FB	1.00	347.14	21.19	2800
TOMAT		ESIXY		TF	FB	1.00	158.69	21.53	2800
AVIJY	IAF	GIKRE	NOPT	TF	FB	1.00	314.52	5.00	2800
ESIXY	IAF	GIKRE	NOPT	TF	FB	1.00	134.42	5.00	2800
GIKRE	IF/IAF	YUNRU		TF	FB	1.00	044.47	6.01	2800
YUNRU	FAF	RW04	MAP	TF	FO	0.30	044.52	5.03	
RW04	MAP	1387 MSL		CA			044.52		
1387 MSL		HYHOE		DF	FO	1.00			3000

MISSED APPROACH

MAP:

LPV: DA
LNAV/VNAV: DA
LNAV: RW04

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 3000 DIRECT HYHOE AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:

QUALITY
24
CHECKED

PROFILE:

1. PT

SIDE OF COURSE

OUTBOUND

FT WITHIN

MILES OF

(IAF)

2. HOLD SW GIKRE, LT, 044.47 INBOUND, 2800 FT. IN LIEU OF PT (IAF), MAX 6000.

3. FAF: 044.52FAF: YUNRU

DIST FAF TO MAP: 5.03

DIST FAF TO THLD: 5.03

4. MIN ALT: GIKRE 2800, YUNRU 2800

5. DIST TO THLD FROM OM:MM:IM:150 HAT:250 HAT: 0.66GS ANT:

6. MIN GP INCPT: 2800GP ALT AT FAF : YUNRU 2800OM:MM:IM:

7. GP ANGLE: 3.0034:1: IS NOT CLEAR20:1: IS CLEARTCH: 40.0

8. MSA FROM: RW04 2700

PBN REQUIREMENTS NOTE:

RNP APCH - GPS.

NOTES:

CHART NOTE: RWY 4 HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED.
CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, PROCEDURE NA BELOW -17°C OR ABOVE 54°C.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT TOMAT ON V239 NORTHBOUND.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVAL ON VIH VOR/DME AIRWAY RADIALS 198 CW 268.

ADDITIONAL FLIGHT DATA:

HOLD NE, RT, 224.68 INBOUND.
FAS OBST: 1279 TREE 380711N/0914628W.
CHART LINDBERGH MOA.
CHART VDP AT 1.14 NM TO RW04
WAAS CHANNEL # 78119
REFERENCE PATH ID: W04A
CHART CIRCLING ICON.
LTP HAE: 315 M

MINIMUMS:

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

ALTERNATE: NA ☐ STANDARD - NA WHEN LOCAL WEATHER NOT AVAILABLE.

CATEGORY:	A			B			C			D			E		
FINAL TYPE	DA/MDA	VIS	HAT/HAA	DA/MDA	VIS	HAT/HAA	DA/MDA	VIS	HAT/HAA	DA/MDA	VIS	HAT/HAA	DA/MDA	VIS	HAT/HAA
LPV DA	1387	1	250	1387	1	250	1387	1	250	1387	1	250			
LNAV/VNAV DA	1549	1 1/8	412	1549	1 1/8	412	1549	1 1/8	412	1549	1 1/8	412			
LNAV MDA	1540	1	403	1540	1	403	1540	1 1/8	403	1540	1 1/8	403			
CIRCLING	1580	1	432	1600	1	452	1600	1 1/2	452	1740	2	592			



CHANGES - REASONS

1. CHANGED CRC REMAINDER FROM 8EBF102C TO EFD3118E - FPAP COORDINATES UPDATED.
2. ADDED "20:1: IS CLEAR" TO PROFILE LINE 7 - 20:1 PENETRATIONS DO NOT EXIST/NEW EVALUATION COMPLETED.
3. CHANGES FROM P-NOTAM ORIG-A/ NOTAM 0/4785 INCORPORATED INTO THIS AMENDMENT EXCEPT CIRCLING CAT A. - IAW 8260.19I,8-3-4 C(3)/ CONTOUR LINE WAS APPLIED INAPPROPRIATELY FOR CIRCLING CAT A.
4. REMOVED ALL NOTES AND REFERENCES TO FORT LEONARD WOOD ALTIMETER SETTING TO 8260-9 FOR CONTINGENCY PURPOSES - MOVED TO 8260-9/LOCAL AND SECONDARY ON WMSCR.
5. REMOVED CHART NOTE: DME/DME RNP-0.3 NA AND ADDED PBN REQUIREMENTS NOTE: RNP APCH - GPS. -IAW 8260.19I,8-6-8.B (3)(B).
6. ADDED "MAX 6000" TO PROFILE LINE 2 - IAW 8260.19I, 8-6-7.B (2).
7. CHANGED LNAV/VNAV ALL CATS VISIBILITY FROM 1 1/2 SM TO 1 1/8 SM- IAW 8260.3D, TABLE 3-3-1
8. CHANGED LNAV CAT C AND D VISIBILITY FROM 1 1/4 SM TO 1 1/8 SM - IAW 8260.3D, TABLE 3-3-1.
9. ADDED NEW CIRCLING/CHART CIRCLING ICON - PER FPT REQUEST/ 8260.19I, 8-6-10.
10. CHANGED NOTE FROM "CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -17°C (2°F) OR ABOVE 46°C (114°F)" TO " CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -17°C OR ABOVE 54°C" - IAW 8260.19I PARA 8-6-9.R.
11. CHANGED CHART NOTE FROM VISIBILITY REDUCTION BY HELICOPTERS NA. TO RWY 4 HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED. - 34:1 PENETRATIONS EXIST.
12. CHANGED FEEDER ROUTE FROM MAP VORTAC TO MAP TACAN - VORMON FACILITY CHANGING FROM A VORTAC TO A TACAN.

COORDINATED WITH:

A4A ☐ ALPA ☒ AOPA ☒ APA ☐ HAI ☐ NBAA ☒ OTHER: ZKC, AMGR

FLIGHT CHECKED BY

CRAIG LARSON

*Digitally signed by***DONALD H LANIER**

May 07, 2021

OFFICE

FICO

DATE

05/05/2021

DEVELOPED BY

JON DENTON (KATHERINE EUBANKS)

*Digitally signed by***DONALD H LANIER**

May 07, 2021

OFFICE

AJV-A432

DATE

03/08/2021

APPROVED BY

LONNIE EVERHART

*Digitally signed by***DONALD H LANIER**

May 07, 2021

OFFICE

AJV-A430

DATE**TITLE**
MANAGER

FAS DATA BLOCK INFORMATION

<u>DATA FIELD</u>	<u>DATA</u>
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KVIH
RUNWAY	RW04
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W04A
LTP/FTP LATITUDE	380730.7490N
LTP/FTP LONGITUDE	0914634.0515W
LTP/FTP ELLIPSOIDAL HEIGHT	+03150
FPAP LATITUDE	380832.0700N
FPAP LONGITUDE	0914512.0425W
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	1136
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0
CRC REMAINDER	EFD3118E

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K3
LTP ORTHOMETRIC HEIGHT	+03461
FPAP ORTHOMETRIC HEIGHT	+03461

