

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

RNAV (GPS) - STANDARD
INSTRUMENT APPROACH PROCEDURE
FAR PART 97.33

Bearings, headings, courses, 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 in feet RVR.

TERMINAL ROUTES				MISSED APPROACH				
FROM	TO	COURSE AND DISTANCE	ALTITUDE					
VIH VOR/DME	GIKRE (FO)	228.52 / 14.65	2800	LPV: DA LNAV/VNAV: DA LNAV: RW04				
MAP VORTAC	AVIJY (FB)	347.14 / 21.19	2800					
TOMAT	ESIXY (FB)	158.69 / 21.53	2800	CLIMB TO 3000 DIRECT HYHOE AND HOLD.				
AVIJY (IAF)	GIKRE (NOPT) (FB)	314.52 / 5.00	2800					
ESIXY (IAF)	GIKRE (NOPT) (FB)	134.42 / 5.00	2800					
GIKRE (IF/IAF)	YUNRU (FB)	044.47 / 6.01	2800	ADDITIONAL FLIGHT DATA: HOLD NE, RT, 224.68 INBOUND. CHART FAS OBST: 1279 TREE 380711N/0914628W CHART LINDBERGH MOA. DISTANCE TO THLD FROM 250 HAT: 0.66 NM. CHART VDP AT 1.14 MILES TO RW04* *LNAV ONLY. WAAS CHANNEL # 78119 REFERENCE PATH ID: W04A				
1. PT <u> </u> SIDE OF COURSE <u> </u> OUTBOUND <u> </u> FT WITHIN <u> </u> MILES OF <u> </u> (IAF) 2. HOLD SW GIKRE, LT, 044.47 INBOUND, 2800 FT. IN LIEU OF PT (IAF) 3. FAC: <u>044.52</u> FAF: <u>YUNRU</u> DIST FAF TO MAP: <u>5.03</u> THLD: <u>5.03</u> 4. MIN. ALT: <u>GIKRE 2800, YUNRU 2800</u> 5. DIST TO THLD FROM OM: <u> </u> MM: <u> </u> IM: <u> </u> 150 HAT: <u> </u> 100 HAT: <u> </u> GS ANT: <u> </u> 6. MIN GS INCPT: <u>2800</u> GS ALT AT: <u>YUNRU 2800</u> OM: <u> </u> MM: <u> </u> IM: <u> </u> 7. GS ANGLE: <u>3.00</u> TCH: <u>40.0</u> 34:1 IS NOT CLEAR 8. MSA FROM: <u>RW04 2700</u>								
				MAG VAR: 2E EPOCH YEAR: 2000				
MINIMUMS								
TAKEOFF:	STANDARD	X	SEE FAA FORM 8260-15A FOR THIS AIRPORT	ALTERNATE: N/A	STANDARD @			
CATEGORY =====>	A		B		C		D	E
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS
LPV DA	1387	1	250	1387	1	250	1387	1
LNAV/VNAV DA	1549	1 1/2	412	1549	1 1/2	412	1549	1 1/2
LNAV MDA	1540	1	403	1540	1	403	1540	1 1/4
CIRCLING	1580	1	432	1600	1	452	1700	2
NOTES: CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -17C (2F) OR ABOVE 46C (114F). @ NA WHEN LOCAL WEATHER NOT AVAILABLE CHART NOTE: DME/DME RNP-0.3 NA. CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA. CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE FORT LEONARD WOOD ALTIMETER SETTING AND SEE 8260-10								
CITY AND STATE		ELEVATION: 1148 TDZE: 1137		FACILITY IDENTIFIER:		PROCEDURE NO./AMDT NO./EFFECTIVE DATE:		SUP:
ROLLA/VICHY, MO		AIRPORT NAME:		RNAV		RNAV (GPS) RWY 4, ORIG		AMDT: NONE
		ROLLA NATIONAL				23 SEP 2010		DATED

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NOTES CONT.

INCREASE ALL DA 69 FEET AND ALL MDA 80 FEET, INCREASE LPV AND LNAV/VNAV ALL CATS VISIBILITY, AND LNAV CAT D VISIBILITY 1/4 MILE.

CHART NOTE: BARO-VNAV AND VDP NA WITH FORT LEONARD WOOD ALTIMETER SETTING.

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.

QUALITY
CHECKED

CITY AND STATE

ROLLA/VICHY, MO

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FAS DATA BLOCK INFORMATION

DATA FIELD

DATA

OPERATION TYPE
SBAS SERVICE PROVIDER IDENTIFIER
AIRPORT IDENTIFIER
RUNWAY
APPROACH PERFORMANCE DESIGNATOR
ROUTE INDICATOR
REFERENCE PATH DATA SELECTOR
REFERENCE PATH IDENTIFIER (APPROACH ID)
LTP/FTP LATITUDE
LTP/FTP LONGITUDE
LTP/FTP ELLIPSOIDAL HEIGHT
FPAP LATITUDE
FPAP LONGITUDE
THRESHOLD CROSSING HEIGHT (TCH)
TCH UNITS SELECTOR (METERS OR FEET USED)
GLIDEPATH ANGLE (GPA)
COURSE WIDTH AT THRESHOLD
LENGTH OFFSET
HORIZONTAL ALERT LIMIT (HAL)
VERTICAL ALERT LIMIT (VAL)

0
0
KVIH
RW04
0

0
W04A
380730.7490N
0914634.0515W
+03150
380832.0600N
0914512.0300W
00040.0
F
03.00
106.75
1136
40.0
50.0

CRC REMAINDER

8EBF102C

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE
LTP ORTHOMETRIC HEIGHT
FPAP ORTHOMETRIC HEIGHT

K3
+03461
+03461

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ARINC PACKET - 424-18 - RNAV (GPS)

NAVAID	1	2	3	4	5	6	7	8	9	0	1	2	3
	1234567890123456789012345678901234567890123456789012345678901234567890123456789012												
SUSAD	MAP	K3011340VTLA	N37352676W091471885	N37352676W091471885	E0060013741	NARMAPLES							
SUSAD	VIH	K3011770VDL	N38091466W091422438	N38091466W091422438	E0060011051	NARVICHY							

WP	1	2	3	4	5	6	7	8	9	0	1	2	3
	1234567890123456789012345678901234567890123456789012345678901234567890123456789012												
SUSAEENRT	AVIJY	K30	W	N37561657W091522149	E0005	NAR	AVIJY						
SUSAEENRT	ESIXY	K30	W	N38033206W092010428	E0006	NAR	ESIXY						
SUSAEENRT	GIKRE	K30	W	N37595440W091564267	E0005	NAR	GIKRE						
SUSAEENRT	HYHOE	K30	W	N38154399W091353271	E0002	NAR	HYHOE						
SUSAEENRT	TOMAT	K30	C L	N38235300W092100515	E0006	NAR	TOMAT						
SUSAEENRT	YUNRU	K30	W	N38040292W091511163	E0004	NAR	YUNRU						

AIRPORT	1	2	3	4	5	6	7	8	9	0	1	2	3
	1234567890123456789012345678901234567890123456789012345678901234567890123456789012												
SUSAP	KVIHK3AVIH	0	055YHN38073870W091461020E002001148	1800018000C	MNAR	ROLLA NATIONAL							

SEGMENT	1	2	3	4	5	6	7	8	9	0	1	2	3
	1234567890123456789012345678901234567890123456789012345678901234567890123456789012												
SUSAP	KVIHK3FR04	AMAP	010MAP	K3D 0V	IF					18000		A JS	
SUSAP	KVIHK3FR04	AMAP	020AVIJYK3EA0E	A 020TF		34710212		+ 02800				A JS	
SUSAP	KVIHK3FR04	AMAP	030GIKREK3EA0EE	B 010TF		31450050		+ 02800				A JS	
SUSAP	KVIHK3FR04	ATOMAT	010TOMATK3EA0E	IF						18000		A JS	
SUSAP	KVIHK3FR04	ATOMAT	020ESIXYK3EA0E	A 020TF		15870215		+ 02800				A JS	
SUSAP	KVIHK3FR04	ATOMAT	030GIKREK3EA0EE	B 010TF		13440050		+ 02800				A JS	
SUSAP	KVIHK3FR04	AVIH	010VIH	K3D 0V	IF					18000		A JS	
SUSAP	KVIHK3FR04	AVIH	020GIKREK3EA0EY	020TF		22850147		+ 02800				A JS	
SUSAP	KVIHK3FR04	AVIH	030GIKREK3EA0EE	AL HF		04450040		+ 02800				A JS	
SUSAP	KVIHK3FR04	R	010GIKREK3EA0E	I IF				+ 02800		18000		A JS	
SUSAP	KVIHK3FR04	R	020YUNRUK3EA1E	F 051TF		04450060		+ 02800			RW04 K3PGA	JS	
SUSAP	KVIHK3FR04	R	020YUNRUK3EA2WALPV	ALNAV/VNAV ALNAV								JS	
SUSAP	KVIHK3FR04	R	030RW04 K3PGOGY	M 031TF		04450050		01176		-300		A JS	
SUSAP	KVIHK3FR04	R	040	0 M 010CA		0445		+ 01387				A JS	
SUSAP	KVIHK3FR04	R	050HYHOEK3EA0EY	010DF				+ 03000				A JS	

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A JS

SUSAP KVIHK3GRW04 0055000446 N38073075W091463405-0500 +0315001136021340100R

SUSAP KVIHK3PR04	RW04 001	0000W04A0N3807307490W09146340515+031500300N3808320600W09145120300106751136000400F4005008EBF102C
SUSAP KVIHK3PR04	RW04 002E	+03461+03461LPV 78119

SUSAP KVIHK3SRW04 K3PG 0 18018002725

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