

RNAV - STANDARD INSTRUMENT APPROACH PROCEDURE TITLE 14 CFR 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.											
US DEPARTMENT OF TRANSPORTATION FEDERAL AVIATION ADMINISTRATION															
TERMINAL ROUTES				MISSED APPROACH											
FROM	TO	COURSE AND DISTANCE	ALTITUDE	LPV: DA LNAV/VNAV: DA LNAV: RW02 CLIMB TO 2000 DIRECT IMASE AND HOLD. ADDITIONAL FLIGHT DATA: HOLD NE, LT, 202.50 INBOUND. FAS OBST: 359 AAO 372650N/0772128W DISTANCE TO THLD FROM 296 HATH: 0.77 NM. CHART VDP AT 1.29 MILES TO RW02* *LNAV ONLY. WAAS CHANNEL # 72716 REFERENCE PATH ID: W02A CHART CIRCLING ICON. LTP HAE: 15.1 M											
HPW VORTAC	FEMAP (FB)	246.27 / 9.39	2000												
FAK VORTAC	MATOX (FB)	143.78 / 21.28	2600												
FEMAP (IAF)	CASEE (FB)	312.49 / 6.20	2000												
MATOX (IAF)	CASEE (FB)	085.85 / 6.09	2000												
CASEE (IF)	JESTY (FB)	022.42 / 6.56	2000												
JESTY (FAF)	RW02 (MAP) (FO)	022.44 / 5.63													
RW02 (MAP)	455 MSL	022.44													
455 MSL	IMASE (FO)		2000												
1. PT <u> </u> SIDE OF COURSE <u> </u> OUTBOUND <u> </u> FT WITHIN <u> </u> MILES OF <u> </u> (IAF)				MAG VAR: 9W EPOCH YEAR: 1985											
2. PROFILE STARTS AT CASEE															
3. FAC: 022.44 FAF: JESTY DIST FAF TO MAP: 5.63 THLD: 5.63															
4. MIN. ALT: CASEE 2000, JESTY 2000															
5. DIST TO THLD FROM OM: MM: IM: 150 HAT: 100 HAT: GS ANT:															
6. MIN GS INCPT: 2000 GS ALT AT: JESTY 2000 OM: MM: IM:															
7. GS ANGLE: 3.00 TCH: 49.7 34:1 IS NOT CLEAR															
8. MSA FROM: RW02 2600															
MINIMUMS															
TAKEOFF: 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	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
LPV DA	455	3/4	296	455	3/4	296	455	3/4	296	455	3/4	296			
LNAV/VNAV DA	566	7/8	407	566	7/8	407	566	7/8	407	566	7/8	407			
LNAV MDA	620	3/4	461	620	3/4	461	620	1	461	620	1	461			
CIRCLING	660	1	493	660	1	493	740	1 1/2	573	740	2	573			
NOTES: CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -11C (13F) OR ABOVE 54C (130F). CHART NOTE: DME/DME RNP-0.3 NA. CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT MATOX ON V157 SOUTHWEST BOUND. (SEE FORM 8260-10)															
CITY AND STATE		ELEVATION: 167 THRE: 159		FACILITY IDENTIFIER:		PROCEDURE NO./AMDT NO./EFFECTIVE DATE:				SUP: RNAV (GPS) RWY 2					
RICHMOND, VA		AIRPORT NAME:		RNAV		RNAV (GPS) Z RWY 2, AMDT 1A				AMDT: 1					
		RICHMOND INTL				24 JULY 2014				DATED 03/10/2011					

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NOTES, (CONT.):

CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS ON HPW VORTAC AIRWAY RADIALS 178 CW 323.

CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS ON FAK VORTAC AIRWAY RADIALS 100 CW 220.

CHART NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 3/4 MILE NOT AUTHORIZED.

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FLIGHT STANDARDS SERVICE - FAR PART 97.33

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FAS DATA BLOCK INFORMATION

DATA FIELD

DATA

OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KRIC
RUNWAY	RW02
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	Z
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W02A
LTP/FTP LATITUDE	372955.9450N
LTP/FTP LONGITUDE	0771946.7665W
LTP/FTP ELLIPSOIDAL HEIGHT	+00151
FPAP LATITUDE	373122.7000N
FPAP LONGITUDE	0771920.6900W
THRESHOLD CROSSING HEIGHT (TCH)	00049.7
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	0736
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0

CRC REMAINDER

82E0DDBB

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K6
LTP ORTHOMETRIC HEIGHT	+00483
FPAP ORTHOMETRIC HEIGHT	+00483

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RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE

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ARINC PACKET - 424-18 - RNAV (GPS)

[illegible][illegible][illegible]

SEGMENT	1	2	3	4	5	6	7	8	9	0	1	2	3
SUSAP	KRICK6FR02-Z	AFK	010FAK	K6D	0V	IF				18000		A	JS
SUSAP	KRICK6FR02-Z	AFK	020MATOKK6EA0E	A	020TF		14380213	+	02600			A	JS
SUSAP	KRICK6FR02-Z	AFK	030CASEEK6EA0EE	B	010TF		08590061	+	02000			A	JS
SUSAP	KRICK6FR02-Z	AHPW	010HPW	K6D	0V	IF				18000		A	JS
SUSAP	KRICK6FR02-Z	AHPW	020FEMAPK6EA0E	A	020TF		24630094	+	02000			A	JS
SUSAP	KRICK6FR02-Z	AHPW	030CASEEK6EA0EE	B	010TF		31250062	+	02000			A	JS
SUSAP	KRICK6FR02-Z	AMATOK	010MATOKK6EA0E	A	IF					18000		A	JS
SUSAP	KRICK6FR02-Z	AMATOK	020CASEEK6EA0EE	B	010TF		08590061	+	02000			A	JS
SUSAP	KRICK6FR02-Z	R	010CASEEK6EA0E	I	IF			+	02000	18000		A	JS
SUSAP	KRICK6FR02-Z	R	020JESTYK6EA1E	F	051TF		02240066	+	02000		RW02	K6PGA	JS
SUSAP	KRICK6FR02-Z	R	020JESTYK6EA2WALPV			ALNAV/VNAV	ALNAV						JS
SUSAP	KRICK6FR02-Z	R	030RW02	K6PGOGY	M	031TF	02240056		00208	-300		A	JS
SUSAP	KRICK6FR02-Z	R	040		M	CA	0224	+	00455			A	JS
SUSAP	KRICK6FR02-Z	R	050IMASEK6EA0EY		DF			+	02000			A	JS
SUSAP	KRICK6FR02-Z	R	060IMASEK6EA0EE	L	HM		20250040	+	02000			A	JS

[illegible]

CITY AND STATE RICHMOND, VA	ELEVATION: 167 THRE: 159	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP: RNAV (GPS) RWY 2
	AIRPORT NAME: RICHMOND INTL	RNAV	RNAV (GPS) Z RWY 2, AMDT 1A	AMDT: 1
			24 JULY 2014	DATED: 03/10/2011

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	1	2	3	4	5	6	7	8	9	0	1	2	3
PP	12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012												

	SUSAP KRICK6PR02-Z RW02 001Z0000W02A0N3729559450W07719467665+001510300N3731227000W07719206900106750736000497F40050082E0DDBB												
	SUSAP KRICK6PR02-Z RW02 002E +00483+00483LPV 72716												

	1	2	3	4	5	6	7	8	9	0	1	2	3
MSA	12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012												

	SUSAP KRICK6SRW02 K6PG 0 18018002625 M												

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ARINC SUMMARY - 424-18 - RNAV (GPS)

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
FAK		FAK	010		IF		FB					
FAK		MATOX	020	IAF	TF		FB	2.0	143.8(134.8T)	021.3	AA 02600	
FAK		CASEE	030		TF		FB	1.0	085.9(076.9T)	006.1	AA 02000	
HPW		HPW	010		IF		FB					
HPW		FEMAP	020	IAF	TF		FB	2.0	246.3(237.3T)	009.4	AA 02000	
HPW		CASEE	030		TF		FB	1.0	312.5(303.5T)	006.2	AA 02000	
MATOX		MATOX	010	IAF	IF		FB					
MATOX		CASEE	020		TF		FB	1.0	085.9(076.9T)	006.1	AA 02000	
		CASEE	010	FACF	IF		FB				AA 02000	
		JESTY	020	FAF	TF		FB	0.5	022.4(013.4T)	006.6	AA 02000	
		RW02	030	MAP	TF		FO	0.3	022.4(013.4T)	005.6	AT 00208	

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
		040		CA		FB		022.4(013.4T)		AA 00455	
	IMASE	050		DF		FO				AA 02000	
	IMASE	060		HM	L	FO		202.5(193.5T)	004.0	AA 02000	

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	FAK	N373142.63	W0774941.59	N3731.711	W07749.693
	HPW	N371943.93	W0770657.40	N3719.732	W07706.957
	CASEE	N371803.72	W0772320.14	N3718.062	W07723.336
	FEMAP	N371438.40	W0771651.28	N3714.640	W07716.855
	IMASE	N374112.82	W0771622.80	N3741.214	W07716.380
	JESTY	N372427.24	W0772125.39	N3724.454	W07721.423
	MATOX	N371640.74	W0773046.05	N3716.679	W07730.768
	RW02	N372955.95	W0771946.77	N3729.933	W07719.780

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW02	00159	50

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