

<b>RNAV - STANDARD INSTRUMENT APPROACH PROCEDURE TITLE 14 CFR PART 97.33</b>				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.											
<b>TERMINAL ROUTES</b>										<b>MISSED APPROACH</b>					
FROM		TO		COURSE AND DISTANCE				ALTITUDE		LPV: DA LNAV/VNAV: DA LNAV: RW25  CLIMB TO 3000 DIRECT FATIP AND HOLD.  ADDITIONAL FLIGHT DATA: HOLD SW, RT, 067.35 INBOUND. CHART FAS OBST: 299 TOWER 373052N/0771821W. 389 AAO 373329N/0771240W. DISTANCE TO THLD FROM 261 HAT: 0.65 NM. CHART VDP AT 1.09 NM TO RW25* *LNAV ONLY. WAAS CHANNEL # 48939 REFERENCE PATH ID: W25A CHART CIRCLING ICON. LTP HAE: 15.1 M					
SVILL		FELAB (TF) (FB) (RNP 2.00)		190.99 / 8.58				2000							
FELAB (IAF)		RIVEE (TF) (FB) (RNP 1.00)		247.65 / 3.99				2000							
RIVEE (IF)		TEDNE (TF) (FB) (RNP 1.00)		247.61 / 5.95				2000							
TEDNE (FAF)		HAPEN/3.20 NM TO RW25 (TF) (FB) (RNP 0.30)		247.53 / 2.42											
HAPEN/3.20 NM TO RW25		RW25 (MAP) (TF) (FO) (RNP 0.30)		247.53 / 3.20											
(SEE FORM 8260-10)															
1. PT _____ SIDE OF COURSE _____ OUTBOUND _____ FT WITHIN _____ MILES OF _____ (IAF) 2. PROFILE STARTS AT FELAB 3. FAC: <u>247.53</u> FAF: <u>TEDNE</u> DIST FAF TO MAP: <u>5.62</u> THLD: <u>5.62</u> 4. MIN. ALT: <u>FELAB 2000, RIVEE 2000, TEDNE 2000, HAPEN/3.20 NM TO RW25 1220*</u> 5. DIST TO THLD FROM OM: _____ MM: _____ IM: _____ 150 HAT: _____ 100 HAT: _____ GS ANT: _____ 6. MIN GS INCPT: <u>2000</u> GS ALT AT: <u>TEDNE 2000</u> OM: _____ MM: _____ IM: _____ 7. GS ANGLE: <u>3.00</u> TCH: <u>52.0</u> 20:1 IS CLEAR 34:1 IS NOT CLEAR 8. MSA FROM: <u>RW25 2600</u>															
										MAG VAR: 10W EPOCH YEAR: 2020					
<b>MINIMUMS</b>															
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	421	5000	261	421	5000	261	421	5000	261	421	5000	261			
LNAV/VNAV DA	461	5000	301	461	5000	301	461	5000	301	461	5000	301			
LNAV MDA	560	5500	400	560	5500	400	560	6000	400	560	6000	400			
CIRCLING	660	1	492	660	1	492	700	1 1/2	532	720	2	552			
NOTES: CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -11C (13F) OR ABOVE 54C (130F). CHART NOTE: RWY 25 HELICOPTER VISIBILITY REDUCTION BELOW RVR 4000 NOT AUTHORIZED. CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT SVILL ON V16-20-157 NORTHEAST BOUND. PBN REQUIREMENTS NOTE: RNP APCH.															
CITY AND STATE		ELEVATION: 168 TDZE: 160				FACILITY IDENTIFIER: RNAV		PROCEDURE NO./AMDT NO./EFFECTIVE DATE:				SUP:			
RICHMOND, VA		AIRPORT NAME: RICHMOND INTL						RNAV (GPS) RWY 25, AMDT 2A				AMDT: 2			
								19 JULY 2018				DATED 06/22/2017			



US DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION  
RNAV - STANDARD  
INSTRUMENT APPROACH PROCEDURE - TITLE 14 CFR PART 97.33

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TERMINAL ROUTES, (CONT.):

FROM	TO	COURSE AND DISTANCE	ALTITUDE
RW25 (MAP)	421 MSL (CA)	247.53	
421 MSL	FATIP (DF) (FO) (RNP 1.00)		3000

QUALITY  
25  
CHECKED

CITY AND STATE  
RICHMOND, VA

ELEVATION: 168 TDZE: 160  
AIRPORT NAME:  
RICHMOND INTL

FACILITY  
IDENTIFIER:  
RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:  
RNAV (GPS) RWY 25, AMDT 2A  
19 JULY 2018

SUP:  
AMDT: 2  
DATED: 06/22/2017

**RNAV STANDARD INSTRUMENT APPROACH PROCEDURE  
FLIGHT STANDARDS SERVICE - FAR PART 97.33**

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**FAS DATA BLOCK INFORMATION**

<u>DATA FIELD</u>	<u>DATA</u>
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KRIC
RUNWAY	RW25
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W25A
LTP/FTP LATITUDE	373014.4300N
LTP/FTP LONGITUDE	0771838.7900W
LTP/FTP ELLIPSOIDAL HEIGHT	+00151
FPAP LATITUDE	372926.4495N
FPAP LONGITUDE	0772013.1790W
THRESHOLD CROSSING HEIGHT (TCH)	00052.0
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	1168
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0
 <u>CRC REMAINDER</u>	 5183ECBE

**ADDITIONAL PATH POINT RECORD INFORMATION**

ICAO CODE	K6
LTP ORTHOMETRIC HEIGHT	+00485
FPAP ORTHOMETRIC HEIGHT	+00485

QUALITY  
25  
CHECKED

CITY AND STATE  RICHMOND, VA	ELEVATION: 168 AIRPORT NAME:  RICHMOND INTL	TDZE: 160  RICHMOND INTL	FACILITY IDENTIFIER:  RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:  RNAV (GPS) RWY 25, AMDT 2A 19 JULY 2018	SUP:
					AMDT: 2
					DATED: 06/22/2017