

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.														
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, 203.50 INBOUND. FAS OBST: 359 AAO 372650N/0772128W. DISTANCE TO THLD FROM 296 HAT: 0.77 NM. CHART VDP AT 1.29 NM TO RW02* *LNAV ONLY. WAAS CHANNEL # 72716 REFERENCE PATH ID: W02A CHART CIRCLING ICON. LTP HAE: 15.1 M											
HPW VORTAC		FEMAP (TF) (FB) (RNP 2.00)		247.27 / 9.39			2000													
FAK VORTAC		MATOX (TF) (FB) (RNP 2.00)		144.78 / 21.28			2600													
FEMAP (IAF)		CASEE (TF) (FB) (RNP 1.00)		313.49 / 6.20			2000													
MATOX (IAF)		CASEE (TF) (FB) (RNP 1.00)		086.85 / 6.09			2000													
CASEE (IF)		JESTY (TF) (FB) (RNP 1.00)		023.42 / 6.56			2000													
(SEE FORM 8260-10)																				
1. PT _____ SIDE OF COURSE _____ OUTBOUND _____ FT WITHIN _____ MILES OF _____ (IAF) 2. PROFILE STARTS AT CASEE _____ 3. FAC: 023.44 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 20:1 IS CLEAR 34:1 IS NOT CLEAR 8. MSA FROM: RW02 2600											MAG VAR: 10W					EPOCH YEAR: 2020				
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	457	3/4	296	457	3/4	296	457	3/4	296	457	3/4	296								
LNAV/VNAV DA	568	7/8	407	568	7/8	407	568	7/8	407	568	7/8	407								
LNAV MDA	620	3/4	459	620	3/4	459	620	1	459	620	1	459								
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 2 HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED. CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT MATOX ON V157 SOUTHWEST BOUND. CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVAL ON HPW VORTAC AIRWAY RADIALS 178 CW 323. (CONTINUED ON PAGE 2)																				
CITY AND STATE		ELEVATION: 168 TDZE: 161			FACILITY IDENTIFIER: RNAV		PROCEDURE NO./AMDT NO./EFFECTIVE DATE:					SUP:								
RICHMOND, VA		AIRPORT NAME:			RICHMOND INTL		RNAV (GPS) Z RWY 2, AMDT 1C					AMDT: 1B								
							19 JULY 2018					DATED 05/28/2015								

US DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION
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.

TERMINAL ROUTES, (CONT.):

FROM	TO	COURSE AND DISTANCE	ALTITUDE
JESTY (FAF)	RW02 (MAP) (TF) (FO) (RNP 0.30)	023.44 / 5.63	
RW02 (MAP)	457 MSL (CA)	023.44	
457 MSL	IMASE (DF) (FO) (RNP 1.00)		2000

NOTES, (CONT.):

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

PBN REQUIREMENTS NOTE: RNP APCH.

QUALITY
25
CHECKED

CITY AND STATE

RICHMOND, VA

ELEVATION: 168

TDZE: 161

AIRPORT NAME:

RICHMOND INTL

FACILITY
IDENTIFIER:
RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

RNAV (GPS) Z RWY 2, AMDT 1C

19 JULY 2018

SUP:

AMDT: 1B

DATED: 05/28/2015

**RNAV STANDARD INSTRUMENT APPROACH PROCEDURE
FLIGHT STANDARDS SERVICE - 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.

FAS DATA BLOCK INFORMATION

<u>DATA FIELD</u>	<u>DATA</u>
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	372955.9405N
LTP/FTP LONGITUDE	0771946.7670W
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
 <u>CRC REMAINDER</u>	 02B53AC0

ADDITIONAL PATH POINT RECORD INFORMATION

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

QUALITY
25
CHECKED

CITY AND STATE RICHMOND, VA	ELEVATION: 168 AIRPORT NAME: RICHMOND INTL	TDZE: 161	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) Z RWY 2, AMDT 1C 19 JULY 2018	SUP:
					AMDT: 1B
					DATED: 05/28/2015