

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

**RNAV - STANDARD
INSTRUMENT APPROACH PROCEDURE
TITLE 14 CFR PART 97.33**

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TERMINAL ROUTES

MISSED APPROACH

FROM	TO	COURSE AND DISTANCE	ALTITUDE
RIC VORTAC	DOCEV (FO)	294.65 / 18.82	2600
FAK VORTAC (IAF)	DOCEV (NOPT) (FB)	072.30 / 6.79	2600
DOCEV (IF/IAF)	SECOV (FB)	151.00 / 7.08	2200
SECOV (FAF)	COYRO/2.00 NM TO RW15 (FB)	151.05 / 3.93	
COYRO/2.00 NM TO RW15	RW15 (MAP) (FO)	151.05 / 2.00	
RW15 (MAP)	486 MSL	151.05	
486 MSL	PUBBS (FO)		2000

LPV: DA
LNAV/VNAV: DA
LNAV: RW15

CLIMB TO 2000 DIRECT PUBBS AND HOLD.

ADDITIONAL FLIGHT DATA:
HOLD SE, LT, 331.11 INBOUND.
CHART FAS OBST: 357 T-L TWR 372505N/0773141W
CHART FAS OBST: 380 T-L TWR 372559N/0773330W
DISTANCE TO THLD FROM 250 HATH: 0.65 NM.
CHART VDP AT 1.26 MILES TO RW15*
*LNAV ONLY.
WAAS CHANNEL # 63216
REFERENCE PATH ID: W15A
LTP HAE: 38.9 M

MAG VAR: 10W EPOCH YEAR: 2005

- PT SIDE OF COURSE OUTBOUND FT WITHIN MILES OF (IAF)
- HOLD NW DOCEV, RT, 151.00 INBOUND, 2600 FT. IN LIEU OF PT (IAF)
- FAC: 151.05 FAF: SECOV DIST FAF TO MAP: 5.93 THLD: 5.93
- MIN. ALT: DOCEV 2600, SECOV 2200, COYRO/2.00 NM TO RW15 900*
- DIST TO THLD FROM OM: MM: IM: 150 HAT: 100 HAT: GS ANT:
- MIN GS INCPT: 2200 GS ALT AT: SECOV 2200 OM: MM: IM:
- GS ANGLE: 3.00 TCH: 42.9 34:1 IS CLEAR
- MSA FROM: RW15 2600

MINIMUMS

TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT							ALTERNATE: N A		X							
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	486	1	250	486	1	250	486	1	250	486	1	250				
LNAV/VNAV DA	692	1 1/2	456	692	1 1/2	456	692	1 1/2	456	692	1 1/2	456				
LNAV MDA	680	1	444	680	1	444	680	1 3/8	444	680	1 1/2	444				
CIRCLING	720	1	484	720	1	484	720	1 1/2	484	800	2	564				

NOTES:
CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -15C (5F) OR ABOVE 54C (130F).
CHART NOTE: DME/DME RNP-0.3 NA.
*LNAV ONLY
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVAL ON FAK VORTAC AIRWAY RADIALS 001 CW 100.
(SEE FORM 8260-10)



CITY AND STATE RICHMOND, VA	ELEVATION: 236 THRE: 236	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 15, AMDT 1A 7 MARCH 2013	SUP:
	AIRPORT NAME: RICHMOND EXECUTIVE-CHESTERFIELD COUNTY			AMDT: 1
				DATED 04/08/2010

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NOTES, (CONT.):

CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVAL ON RIC VORTAC AIRWAY RADIALS 248 CW 317.
 CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE RICHMOND INTL ALTIMETER SETTING AND INCREASE ALL DA 36 FEET, AND ALL MDA 40 FEET, INCREASE LNAV/VNAV ALL CATS VISIBILITY 1/4 MILE.
 CHART NOTE: VDP AND BARO-VNAV NA WHEN USING RICHMOND INTL ALTIMETER SETTING.



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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	KFCI
RUNWAY	RW15
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	0
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W15A
LTP/FTP LATITUDE	372444.3270N
LTP/FTP LONGITUDE	0773150.8005W
LTP/FTP ELLIPSOIDAL HEIGHT	+00389
FPAP LATITUDE	372334.9000N
FPAP LONGITUDE	0773040.5900W
THRESHOLD CROSSING HEIGHT (TCH)	00042.9
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	1072
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0

CRC REMAINDER AFFD0255

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K6
LTP ORTHOMETRIC HEIGHT	+00720
FPAP ORTHOMETRIC HEIGHT	+00720



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RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE

FLIGHT STANDARDS SERVICES - FAR PART 97.33

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SUSAP KFCIK6PR15 RW15 001 0000W15A0N3724443270W07731508005+003890300N3723349000W07730405900106751072000429F400500AFFD0255
SUSAP KFCIK6PR15 RW15 002E +00720+00720LPV 63216

MSA 1 2 3 4 5 6 7 8 9 0 1 2 3
123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012

SUSAP KFCIK6SRW15 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	IAF	IF		FB					
	FAK	DOCEV	020		TF		FB	1.0	072.3 (062.3T)	006.8	AA 02600	
	RIC	RIC	010		IF		FB					
	RIC	DOCEV	020		TF		FO	2.0	294.7 (284.7T)	018.8	AA 02600	
	RIC	DOCEV	030	IAF	HF	R	FO		151.0 (141.0T)	004.0	AA 02600	
		DOCEV	010	FACF	IF		FB				AA 02600	
		SECOV	020	FAF	TF		FB	0.5	151.0 (141.0T)	007.1	AA 02200	
		COYRO	021	SDF	TF		FB	0.3	151.1 (141.1T)	003.9	AA 00900	GS 00920
		RW15	030	MAP	TF		FO	0.3	151.1 (141.1T)	002.0	AT 00279	

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
		040		CA		FB		151.1 (141.1T)		AA 00486	
	PUBBS	050		DF		FO				AA 02000	
	PUBBS	060		HM	L	FO		331.1 (321.1T)	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
	RIC	N373008.46	W0771913.00	N3730.141	W07719.217
	COYRO	N372617.82	W0773325.42	N3726.297	W07733.424
	DOCEV	N373452.11	W0774207.47	N3734.869	W07742.125
	PUBBS	N371948.74	W0772652.27	N3719.812	W07726.871
	SECOV	N372921.67	W0773631.74	N3729.361	W07736.529
	RW15	N372444.33	W0773150.80	N3724.739	W07731.847

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW15	00236	43



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