

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										MISSED APPROACH					
FROM		TO		COURSE AND DISTANCE				ALTITUDE		LP: RW24 LNAV: RW24					
HOBOS		GECEP (FB)		148.00 / 9.50				6200		CLIMBING LEFT TURN TO 4000 DIRECT MONAT AND HOLD.					
GECEP		CARUS (FB)		196.30 / 5.62				6200							
RADIA		VULUC (FB)		254.13 / 11.02				6500		ADDITIONAL FLIGHT DATA: HOLD W, RT, 078.00 INBOUND. CHART FAS OBST: 2407 COMMUNICATION TWR 372225N/0795536W FAS OBST: 2719 AAO 372349N/0795141W 2870 AAO 372355N/0795114W 2859 AAO 372354N/0795116W WAAS CHANNEL # 99522 REFERENCE PATH ID: W24A LTP HAE: 319.6 M					
VULUC		CARUS (FB)		253.99 / 4.30				6200							
LYH VORTAC		CARUS (FB)		316.09 / 23.97				6200							
CARUS (IAF)		PROSE (FB)		253.95 / 5.00				4700							
PROSE (IF)		HIBAN (FB)		250.03 / 6.27				3700							
(SEE FORM 8260-10)															
1. PT SIDE OF COURSE OUTBOUND FT WITHIN MILES OF (IAF)										MAG VAR: 8W EPOCH YEAR: 2010					
2. PROFILE STARTS AT PROSE															
3. FAC: 237.81 FAF: HIBAN DIST FAF TO MAP: 7.85 THLD: 7.85															
4. MIN. ALT: PROSE 4700, HIBAN 3700, WUDAG/6.40 NM TO RW24 3220															
5. DIST TO THLD FROM OM: MM: IM: 150 HAT: 100 HAT: GS ANT:															
6. MIN GS INCPT: GS ALT AT: OM: MM: IM:															
7. GS ANGLE: TCH: 34:1 IS NOT CLEAR															
8. MSA FROM: RW24 5700															
MINIMUMS															
TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT										ALTERNATE: N A		@			
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
LP MDA	2500	1 1/4	1330	2500	1 1/2	1330	2500	3	1330	2500	3	1330			
LNAV MDA	3000	1 1/4	1830	3000	1 1/2	1830	3000	3	1830	3000	3	1830			
CIRCLING	3000	1 1/4	1825	3000	1 1/2	1825	3000	3	1825	3000	3	1825			
NOTES: CHART NOTE: CIRCLING NA NW OF RWY 6-24. @ CAT A, B 1900-2, CAT C, D 1900-3 CHART NOTE: DME/DME RNP-0.3 NA. CHART NOTE: CIRCLING TO RWY 16 NA. CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVAL AT LYH VORTAC ON AIRWAY RADIALS 235 CW 014. (SEE FORM 8260-10)															
CITY AND STATE ROANOKE, VA		ELEVATION: 1175 TDZE: 1170 AIRPORT NAME: ROANOKE RGNL/WOODRUM FIELD		FACILITY IDENTIFIER: RNAV		PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 24, AMDT 1A 20 AUGUST 2015				SUP: AMDT: DATED 08/25/2011		QUALITY 4 CHECKED			

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
HIBAN (FAF)	WUDAG/6.40 NM TO RW24 (FB)	237.81 / 1.45	
WUDAG/6.40 NM TO RW24	RW24 (MAP) (FO)	237.81 / 6.40	
RW24 (MAP)	1575 MSL	237.81	
1575 MSL	MONAT (FO)		4000

NOTES, (CONT.):

CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVAL AT HOBOS ON V140-473 WESTBOUND AND V473 NORTHEAST BOUND.

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

CHART PROFILE NOTE: DESCENT ANGLE NA.

CITY AND STATE
ROANOKE, VA

ELEVATION: 1175 TDZE: 1170
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FACILITY
IDENTIFIER:
RNAV

PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:
RNAV (GPS) RWY 24, AMDT 1A
20 AUGUST 2015

SUP:
AMDT: 1
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QUALITY
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**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	KROA
RUNWAY	RW24
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W24A
LTP/FTP LATITUDE	371958.4555N
LTP/FTP LONGITUDE	0795805.6375W
LTP/FTP ELLIPSOIDAL HEIGHT	+03196
FPAP LATITUDE	371900.7900N
FPAP LONGITUDE	0795930.8600W
THRESHOLD CROSSING HEIGHT (TCH)	00000.0
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	00.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	0920
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	0.0
 <u>CRC REMAINDER</u>	 F2BA3EFC

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K6
LTP ORTHOMETRIC HEIGHT	+03520
FPAP ORTHOMETRIC HEIGHT	+03520

CITY AND STATE

ROANOKE, VA

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[illegible]

SUP:	
AMDT:	1
DATED:	08/25/2011

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RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE												
FLIGHT STANDARDS SERVICES - TITLE 14 CFR PART 97.33												
ARINC SUMMARY - 424-18 - RNAV (GPS)												
ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE	SPEED
	HOBOS	HOBOS	010		IF		FB					
	HOBOS	GECEP	020		TF		FB	2.0	148.0 (140.0T)	009.5	AA 06200	
	HOBOS	CARUS	030	IAF	TF		FB	2.0	196.3 (188.3T)	005.6	AA 06200	
	HOBOS	PROSE	040		TF		FB	1.0	254.0 (246.0T)	005.0	AA 04700	
	LYH	LYH	010		IF		FB					
	LYH	CARUS	020	IAF	TF		FB	2.0	316.1 (308.1T)	024.0	AA 06200	
	LYH	PROSE	030		TF		FB	1.0	254.0 (246.0T)	005.0	AA 04700	
	RADIA	RADIA	010		IF		FB					
	RADIA	VULUC	020		TF		FB	2.0	254.1 (246.1T)	011.0	AA 06500	
	RADIA	CARUS	030	IAF	TF		FB	2.0	254.0 (246.0T)	004.3	AA 06200	
	RADIA	PROSE	040		TF		FB	1.0	254.0 (246.0T)	005.0	AA 04700	
		PROSE	010	FACF	IF		FB				AA 04700	
		HIBAN	020	FAF	TF		FB	0.5	250.0 (242.0T)	006.3	AA 03700	
		WUDAG	021	SDF	TF		FB	0.3	237.8 (229.8T)	001.5	AA 03220	
		RW24	030	MAP	TF		FO	0.3	237.8 (229.8T)	006.4	AT 03000	
MISSED APPROACH		FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE	SPEED
			040		CA		FB		237.8 (229.8T)		AA 01575	
		MONAT	050		DF	L	FO				AA 04000	
		MONAT	060		HM	R	FO		078.0 (070.0T)	004.0	AA 04000	
POINT DATA		WAYPOINT	LAT IN SECS		LONG IN SECS		LAT IN MINS		LONG IN MINS			
		LYH	N371516.48		W0791410.97		N3715.275		W07914.183			
		CARUS	N373002.45		W0793753.34		N3730.041		W07937.889			
		GECEP	N373536.66		W0793652.18		N3735.611		W07936.870			
		HIBAN	N372503.04		W0795034.53		N3725.051		W07950.576			
		HOBOS	N374254.07		W0794433.18		N3742.901		W07944.553			
		MONAT	N370920.61		W0793747.21		N3709.344		W07937.787			
		PROSE	N372759.89		W0794337.45		N3727.998		W07943.624			
		RADIA	N373616.35		W0792016.85		N3736.273		W07920.281			
		VULUC	N373147.66		W0793257.17		N3731.794		W07932.953			
		WUDAG	N372406.82		W0795157.93		N3724.114		W07951.966			
		RW24	N371958.46		W0795805.64		N3719.974		W07958.094			
RUNWAY DATA			THRESHOLD									
		RWY	ELEVATION		TCH							
		RW24	01155		50							



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