

US DEPARTMENT OF TRANSPORTATION  
FEDERAL AVIATION ADMINISTRATION

**RNAV (GPS) - STANDARD  
INSTRUMENT APPROACH PROCEDURE  
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.

TERMINAL ROUTES				MISSED APPROACH
FROM	TO	COURSE AND DISTANCE	ALTITUDE	
MITER	OLAJO (FB)	000.07 / 11.42	5800	LPV: DA LNAV/VNAV: DA LNAV: RW23
TTUMS	ASGOF (FB)	114.70 / 12.83	5600	
LURAY (IAF)	ADIOS (NOPT) (FB)	226.11 / 10.64	4800	CLIMB TO 5300 DIRECT GABEL AND HOLD, CONTINUE CLIMB-IN-HOLD TO 5300.
OLAJO (IAF)	ADIOS (NOPT) (FB)	317.38 / 5.00	4800	
ASGOF (IAF)	ADIOS (NOPT) (FB)	137.28 / 5.00	4800	ADDITIONAL FLIGHT DATA: HOLD SW, LT, 047.07 INBOUND. CHART FAS OBST: 1269 TREE 381605N/0785317W CHART FAS OBST: 1260 TREE 381622N/0785337W 1799 AAO 382306N/0784709W DISTANCE TO THLD FROM 250 HAT: 0.64 NM. WAAS CHANNEL # 78113 REFERENCE PATH ID: W23A
ADIOS (IF/IAF)	ELOPY (FB)	227.32 / 3.20	4300	
ELOPY	FLLAT (FB)	227.30 / 2.90	3900	

1. PT        SIDE OF COURSE        OUTBOUND        FT WITHIN        MILES OF        (IAF)
2. HOLD NE ADIOS, RT, 227.32 INBOUND, 4800 FT. IN LIEU OF PT (IAF)
3. FAC: 227.28 FAF: FLLAT DIST FAF TO MAP: 8.15 THLD: 8.15
4. MIN. ALT: ADIOS 4800, ELOPY 4300, FLLAT 3900, DORDE/3.00 NM TO RW23 2200\*
5. DIST TO THLD FROM OM:        MM:        IM:        150 HAT:        100 HAT:        GS ANT:
6. MIN GS INCPT: 3900 GS ALT AT: FLLAT OM:        MM:        IM:
7. GS ANGLE: 3.00 TCH: 45.0 34:1 IS NOT CLEAR
8. MSA FROM: RW23 5700

MAG VAR: **9W**

EPOCH YEAR: **2010**

**MINIMUMS**

TAKEOFF:		STANDARD	X	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		1451	1	250	1451	1	250	1451	1	250	1451	1	250			
LNAV/VNAV DA		1530	1 1/4	329	1530	1 1/4	329	1530	1 1/4	329	1530	1 1/4	329			
LNAV MDA		1520	1	319	1520	1	319	1520	1	319	1520	1	319			
CIRCLING		1600	1	399	1660	1	459	1660	1 1/2	459	1820	2	619			

NOTES:  
CHART NOTE: BARO-VNAV NA WHEN USING CHARLOTTESVILLE ALTIMETER SETTING.  
CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -17C (2F) OR ABOVE 47C (116F).  
CHART NOTE: DME/DME RNP-0.3 NA.  
CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA.

@ NA WHEN LOCAL WEATHER NOT AVAILABLE.

CITY AND STATE STAUNTON/WAYNESBORO/HARRISONBU RG, VA	ELEVATION: 1201 TDZE: 1201 AIRPORT NAME: SHENANDOAH VALLEY REGIONAL	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMD NO./EFFECTIVE DATE: RNAV (GPS) RWY 23, ORIG 27 AUG 2009	SUP: AMD: NONE DATED
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**RNAV (GPS) - STANDARD  
INSTRUMENT APPROACH PROCEDURE - FAR PART 97.33**

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**NOTES CONT.****\*LNAV ONLY**

CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE CHARLOTTESVILLE ALTIMETER SETTING AND INCREASE ALL DA 130 FEET, ALL MDA 140 FEET. INCREASE LPV AND LNAV/VNAV ALL CATS VISIBILITY 1/4

MILE, LNAV CAT C VISIBILITY 1/4 MILE AND LNAV CAT D AND CIRCLING CAT D VISIBILITY 1/2 MILE.

CHART NOTE: PROCEDURE NA FOR ARRIVAL AT TTUMS ON V377 NORTHBOUND, AND LURAY ON V143 NORTHEAST BOUND, AND MITER ON V38 SOUTHEAST BOUND AND V140 SOUTHWEST BOUND.

CITY AND STATE

STAUNTON/WAYNESBORO/HARRISONBUR  
G, VA

ELEVATION: 1201 TDZE: 1201

AIRPORT NAME:

SHENANDOAH VALLEY REGIONAL

FACILITY  
IDENTIFIER:  
RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

RNAV (GPS) RWY 23, ORIG

27 AUG 2009

SUP:

AMDT: NONE

DATED:

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION  
RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE  
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	KSHD
RUNWAY	RW23
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W23A
LTP/FTP LATITUDE	381613.1435N
LTP/FTP LONGITUDE	0785323.8830W
LTP/FTP ELLIPSOIDAL HEIGHT	+03336
FPAP LATITUDE	381503.0500N
FPAP LONGITUDE	0785433.8400W
THRESHOLD CROSSING HEIGHT (TCH)	00045.0
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	0920
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0

CRC REMAINDER

13737E2F

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K6
LTP ORTHOMETRIC HEIGHT	+03660
FPAP ORTHOMETRIC HEIGHT	+03660

CITY AND STATE

STAUNTON/WAYNESBORO/HARRISONBUR  
G, VA

ELEVATION: 1201 TDZE: 1201

AIRPORT NAME:

SHENANDOAH VALLEY REGIONAL

FACILITY  
IDENTIFIER:  
RNAV

PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:

RNAV (GPS) RWY 23, ORIG

27 AUG 2009

SUP:

AMDT: NONE

DATED:

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[illegible][illegible]

SEGMENT	1	2	3	4	5	6	7	8	9	0	1	2	3
SUSAP	KSHDK6FR23	AADIOS	010ADIOSK6EA0EE	AR	HF		22730050	+	04800	18000		A	JS
SUSAP	KSHDK6FR23	ALURAY	010LURAYK6EA0E	A	IF					18000		A	JS
SUSAP	KSHDK6FR23	ALURAY	020ADIOSK6EA0EE		010TF		22610106	+	04800			A	JS
SUSAP	KSHDK6FR23	AMITER	010MITERK6EA0E		IF					18000		A	JS
SUSAP	KSHDK6FR23	AMITER	020OLAJOK6EA0E	A	020TF		00010114	+	05800			A	JS
SUSAP	KSHDK6FR23	AMITER	030ADIOSK6EA0EE		010TF		31740050	+	04800			A	JS
SUSAP	KSHDK6FR23	ATTUMS	010TTUMSK6EA0E		IF					18000		A	JS
SUSAP	KSHDK6FR23	ATTUMS	020ASGOFK6EA0E	A	020TF		11470128	+	05600			A	JS
SUSAP	KSHDK6FR23	ATTUMS	030ADIOSK6EA0EE		010TF		13730050	+	04800			A	JS
SUSAP	KSHDK6FR23	R	010ADIOSK6EA0E	I	IF			+	04800	18000		A	JS
SUSAP	KSHDK6FR23	R	011ELOPYK6EA0E	S	051TF		22730032	+	04300			A	JS
SUSAP	KSHDK6FR23	R	020FLLATK6EA1E	F	051TF		22730029	+	03900		RW23	K6PGA	JS
SUSAP	KSHDK6FR23	R	020FLLATK6EA2WALPV			ALNAV/VNAV	ALNAV						JS
SUSAP	KSHDK6FR23	R	021DORDEK6EA0E	S	031TF		22730052	V	0220002209		-300	A	JS
SUSAP	KSHDK6FR23	R	030RW23	K6PG0GY	M	031TF	22730030		01246		-300	A	JS
SUSAP	KSHDK6FR23	R	040GABELK6EA0EYM		010DF			+	05300			A	JS
SUSAP	KSHDK6FR23	R	050GABELK6EA0EE		L020HM		04710050	+	05300			A	JS

QUALITY  
CHECKED

SUP:	
AMDT:	NONE
DATED:	

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QUALITY  
CHECKED

SUP:	
AMDT:	NONE
DATED:	

**U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION**  
**RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE**  
**FLIGHT STANDARDS SERVICE - FAR PART 97.33**

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ARINC FLIGHT INSPECTION SUMMARY - VERSION 424-18 - RNAV (GPS)

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE
	ADIOS	ADIOS	010	IAF	HF	R	FB		227.3 (218T)	005.0	04800
	LURAY	LURAY	010	IAF	IF		FB				
	LURAY	ADIOS	020		TF		FB	1.0	226.1 (217T)	010.6	04800
	MITER	MITER	010		IF		FB				
	MITER	OLAJO	020	IAF	TF		FB	2.0	000.1 (351T)	011.4	05800
	MITER	ADIOS	030		TF		FB	1.0	317.4 (308T)	005.0	04800
	TTUMS	TTUMS	010		IF		FB				
	TTUMS	ASGOF	020	IAF	TF		FB	2.0	114.7 (106T)	012.8	05600
	TTUMS	ADIOS	030		TF		FB	1.0	137.3 (128T)	005.0	04800
		ADIOS	010	FACF	IF		FB				04800
		ELOPY	011	SDF	TF		FB	0.5	227.3 (218T)	003.2	04300
		FLLAT	020	FAF	TF		FB	0.5	227.3 (218T)	002.9	03900
		DORDE	021	SDF	TF		FB	0.3	227.3 (218T)	005.2	0220002209
		RW23	030	MAP	TF		FO	0.3	227.3 (218T)	003.0	01246

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE
	GABEL	040		DF		FO	1.0			05300
	GABEL	050		HM	L	FO	2.0	047.1 (038T)	005.0	05300

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	ADIOS	N382725.13	W0784210.61	N3827.419	W07842.177
	ASGOF	N383031.27	W0784710.42	N3830.521	W07847.174
	DORDE	N381834.70	W0785102.43	N3818.578	W07851.041
	ELOPY	N382454.32	W0784442.10	N3824.905	W07844.702
	FLLAT	N382237.58	W0784659.26	N3822.626	W07846.988
	GABEL	N380255.89	W0790636.74	N3802.932	W07906.612
	LURAY	N383555.08	W0783400.16	N3835.918	W07834.003
	MITER	N381301.18	W0783455.97	N3813.020	W07834.933
	OLAJO	N382418.77	W0783711.22	N3824.313	W07837.187
	TTUMS	N383400.82	W0790254.25	N3834.014	W07902.904
	RW23	N381613.14	W0785323.88	N3816.219	W07853.398

RUNWAY DATA	THRESHOLD	
RWY	ELEVATION	TCH
RW23	01201	45

QUALITY  
CHECKED

CITY AND STATE STAUNTON/WAYNESBORO/HARRISONBURG, VA	ELEVATION: 1201 TDZE: 1201	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 23, ORIG 27 AUG 2009	SUP:
	AIRPORT NAME: SHENANDOAH VALLEY REGIONAL			AMDT: NONE
				DATED:

# GRAPHIC DEPARTURE PROCEDURE (DP)



OBSTACLE



SID



RNAV

1. Bearings, headings, courses, tracks, and radials are magnetic.
2. Distances are in nautical miles.
3. Altitudes are minimum altitudes unless otherwise indicated.
4. Graphic depiction attached.

## (1) DP Route Description:

**TAKEOFF RWY 5:** CLIMB HEADING 060.00 TO 6000 TO INTERCEPT MOL VOR/DME R-036 OUTBOUND, THENCE...

**TAKEOFF RWY 23:** CLIMBING LEFT TURN TO 6000 HEADING 200.00 TO INTERCEPT MOL VOR/DME R-036 INBOUND, THENCE...

...EXPECT RADAR VECTORS TO FILED/ASSIGNED ROUTE. EXPECT CLEARANCE TO FILED ALTITUDE/FLIGHT LEVEL 10 MINUTES AFTER DEPARTURE.

## (2) Transition Routes (Graphic Depiction Only)

(a) Transition Name	(b) Transition Computer Codes	(c) From FIX/NAVAID	(d) To FIX/NAVAID	(e) Course / Distance	(f) MEA / MOCA	(g) Crossing Altitudes/Fixes

## (3) Procedural Data Notes / Takeoff Minimums:

**NOTE:** RADAR REQUIRED

**TAKEOFF MINIMUMS:** RWY 5, STANDARD WITH MINIMUM CLIMB OF 300 FEET PER NM TO 6000. RWY 23, STANDARD WITH MINIMUM CLIMB OF 300 FEET PER NM TO 6000.

## (4) Takeoff Obstacle Notes:

**NOTE: RWY 5,** TREES 1720' FROM DER, 635' RIGHT OF CENTERLINE, UP TO 100' AGL/1279' MSL.

**NOTE: RWY 23,** TREE 679' FROM DER, 616' LEFT OF CENTERLINE, 35' AGL/1194' MSL.

## (5) Controlling Obstacles:

**RWY 5:** 3122 MSL AAO 382331.90N/0784605.80W.

## (6) Fixes and/or NAVAID'S :

(7) DP Name SHENANDOAH	(8) Number ONE	(9) DP Computer Code SNDOA1.SNDOA	(10) Superseded Number NONE	(11) Dated	(12) Effective Date 27 AUG 2009
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<b>(13) Airports Served</b>						
Airport Name		SHENANDOAH VALLEY RGNL				
City/State		STAUNTON/WAYNESBORO/HARRISONBURG, VA				
Airport Name		City/State				
Airport Name		City/State				
Airport Name		City/State				
Airport Name		City/State				
Airport Name		City/State				
Airport Name		City/State				
<b>(14) Lost Communications Procedures:</b>						
<b>(15) Communications:</b> AWOS, CTAF, APP CON, ARTCC						
<b>(16) Additional Flight Data:</b>						
CHART V-143						
<b>(17) Continuation:</b>						
<b>(7) DP Name</b>		<b>(8) Number</b>	<b>(9) DP Computer Code</b>	<b>(10) Superseded Number</b>	<b>(11) Dated</b>	<b>(12) Effective Date</b>
SHENANDOAH		ONE	SNDOA1.SNDOA	NONE		27 AUG 2009



## TAKEOFF MINIMUMS AND OBSTACLE DEPARTURE PROCEDURES (ODP)

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### (1) TAKEOFF MINIMUMS:

**RWY 5**, STANDARD WITH A MINIMUM CLIMB OF 273' PER NM TO 3800, OR 2200 - 2 1/2 FOR CLIMB IN VISUAL CONDITIONS.

**RWY 23**, STANDARD, OR 2200 - 2 1/2 FOR CLIMB IN VISUAL CONDITIONS.

### (2) TEXTUAL DEPARTURE PROCEDURE:

**RWY 5** - CLIMB HEADING 047.20 TO 3400 BEFORE TURNING RIGHT, OR FOR CLIMB IN VISUAL CONDITIONS CROSS SHENANDOAH VALLEY REGIONAL AIRPORT AT OR ABOVE 3300 BEFORE PROCEEDING ON COURSE.

**RWY 23** - CLIMB HEADING 227.21 TO 4400 BEFORE PROCEEDING ON COURSE, OR FOR CLIMB IN VISUAL CONDITIONS CROSS SHENANDOAH VALLEY REGIONAL AIRPORT AT OR ABOVE 3300 BEFORE PROCEEDING ON COURSE.

### (3) TAKEOFF OBSTACLE NOTES:

**NOTE: RWY 5**, TREES 1720' FROM DER, 635' RIGHT OF CENTERLINE, UP TO 100' AGL/1279' MSL.

**NOTE: RWY 23**, TREE 679' FROM DER, 616' LEFT OF CENTERLINE, 35' AGL/1194' MSL.

### (4) CONTROLLING OBSTACLES:

**RWY 5:** 3122 MSL AAO 382331.90N/0784605.80W, 3787 MSL AAO 382011.20N/0783306.67W.

**RWY 23:** 4663 MSL AAO 381000.00N/0791843.00W, 3319 MSL AAO 380832.88N/0784631.82W.

**RWY 5, 23 (VCOA):** 1581 MSL TOWER 381744.15N/0785544.03W, 3574 MSL AAO 381330.10N/0784507.00W.

(5) City, State **STAUNTON/  
WAYNESBORO/HARRISONBURG, VA**

(6) Airport **SHENANDOAH VALLEY RGNL**

(7) Effective Date  
**27 AUG 2009**

(8) Amdt. No.  
**6**

<b>ILS - STANDARD INSTRUMENT APPROACH PROCEDURE FAR PART 97.29</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	<b>ILS: DA</b> <b>LOC: 4.32 MILES AFTER CODEE LOM</b>  <b>CLIMB TO 2500 THEN LEFT TURN DIRECT EN LOM AND HOLD; OR WHEN DIRECTED BY ATC, CLIMB TO 2400 THEN CLIMBING LEFT TURN TO 3000 VIA HEADING 280 AND JVL VOR/DME R-073 TO VEENA INT/JVL 36.57 DME AND HOLD E, RT, 252.79 INBOUND.</b>  <b>ADDITIONAL FLIGHT DATA:</b> HOLD SW, LT, 065.75 INBOUND. CHART: ALTERNATE MA HOLDING, HOLD E VEENA INT/JVL 36.57 DME, RT, 252.79 INBOUND. FAS OBST: 989 AAO 423336N/0880010W CHART IN PLANVIEW: VEENA INT/JVL 36.57 DME. CHART AIRPORT ELEVATION: 742. CHART TDZE: 742.								
TALOR INT	CODEE LOM	266.13 / 18.10	2500									
1. PT <u>R</u> SIDE OF COURSE <u>245.75</u> OUTBOUND <u>2500</u> FT WITHIN <u>10</u> MILES OF <u>CODEE LOM</u> (IAF) 2. _____ 3. FAC: <u>065.75</u> FAF: <u>CODEE LOM</u> DIST FAF TO MAP: <u>4.32</u> THLD: <u>4.32</u> 4. MIN. ALT: <u>CODEE LOM 2400</u> 5. DIST TO THLD FROM OM: <u>4.32</u> MM: <u>-</u> IM: <u>-</u> 150 HAT: <u>-</u> 100 HAT: <u>-</u> GS ANT: <u>1133</u> 6. MIN GS INCPT: <u>2400</u> GS ALT AT: <u>GS INTCP</u> OM: <u>2193</u> MM: <u>-</u> IM: <u>-</u> 7. GS ANGLE: <u>3.00</u> TCH: <u>55.4</u> 8. MSA FROM: <u>EN LOM 2600</u>				<b>MAG VAR: 2W</b> <b>EPOCH YEAR: 1990</b>								
<b>MINIMUMS</b>												
TAKEOFF:	STANDARD	X	SEE FAA FORM 8260-15A FOR THIS AIRPORT	ALTERNATE: N A	ILS: STANDARD #			LOC: 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
S-ILS 7L	942	1/2	200	942	1/2	200	942	1/2	200	942	1/2	200
S-LOC 7L	1180	1/2	438	1180	1/2	438	1180	3/4	438	1180	1	438
CIRCLING	1200	1	458	1200	1	458	1200	1 1/2	458	1340	2	598
NOTES: CHART NOTE: ADF REQUIRED. CHART PLANVIEW NOTE: ADF REQUIRED. CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE WAUKEGAN REGIONAL ALTIMETER SETTING AND INCREASE ALL DA 27 FEET AND ALL MDA 40 FEET.												
CITY AND STATE  <b>KENOSHA, WI</b>				ELEVATION: 742    TDZE: 742 AIRPORT NAME:  <b>KENOSHA RGNL</b>		FACILITY IDENTIFIER: <b>I-ENW</b>		PROCEDURE NO./AMDT NO./EFFECTIVE DATE: <b>ILS OR LOC RWY 7L, AMDT 3</b> <b>27 AUG 2009</b>		SUP: <b>ILS RWY 6L</b>		
										AMDT: <b>2B</b>		
										DATED <b>12/03/1998</b>		

QUALITY  
 2  
 CHECKED

**U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION**  
**NDB STANDARD INSTRUMENT APPROACH PROCEDURE**  
**FLIGHT STANDARDS SERVICE - FAR PART 97.27**

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TERMINAL ROUTES				MISSED APPROACH
FROM	TO	COURSE AND DISTANCE	ALTITUDE	
				ADDITIONAL FLIGHT DATA:

1. PT \_\_\_\_\_ SIDE OF COURSE \_\_\_\_\_ OUTBOUND \_\_\_\_\_ FT WITHIN \_\_\_\_\_ MILES OF \_\_\_\_\_ (IAF)  
 2. \_\_\_\_\_  
 3. FAC \_\_\_\_\_ FAF \_\_\_\_\_ DIST FAF TO MAP \_\_\_\_\_ THLD \_\_\_\_\_  
 4. MIN. ALT \_\_\_\_\_  
 8. MSA FROM: \_\_\_\_\_

MAG VAR: \_\_\_\_\_ EPOCH YEAR: \_\_\_\_\_

TAKEOFF:	STANDARD	SEE FAA FORM 8260-15A FOR THIS AIRPORT						ALTERNATE: N A							
CATEGORY ==>	<b>A</b>			<b>B</b>			<b>C</b>			<b>D</b>			<b>E</b>		
	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA

NOTES:

PROCEDURE CANCELED EFFECTIVE 27 AUG 2009



CITY AND STATE <b>KENOSHA, WI</b>	ELEVATION: 743 TDZE: 743 AIRPORT NAME: <b>KENOSHA RGNL</b>	FACILITY IDENTIFIER: <b>ENWEN</b>	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: <b>NDB OR GPS RWY 6L, AMDT 1C, 08/10/2000</b>	SUP AMDT 1B DATE 10/19/1998
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US DEPARTMENT OF TRANSPORTATION  
FEDERAL AVIATION ADMINISTRATION

**RNAV (GPS) - STANDARD  
INSTRUMENT APPROACH PROCEDURE  
FAR PART 97.33**

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TERMINAL ROUTES				MISSED APPROACH											
FROM	TO	COURSE AND DISTANCE	ALTITUDE												
OBK VOR/DME	FARIV (FB)	332.95 / 14.80	3000	<b>LPV: DA</b> <b>LNAV/VNAV: DA</b> <b>LNAV: RW07L</b>  <b>CLIMB TO 3000 DIRECT BOCIJ AND LEFT TURN VIA TRACK 332.85 TO NOVAC AND VIA TRACK 258.38 TO VEENA AND HOLD.</b>  <b>ADDITIONAL FLIGHT DATA:</b> <b>HOLD E, RT, 257.79 INBOUND.</b> <b>CHART FAS OBST: 894 TOWER 423522N/0875802W</b> <b>DISTANCE TO THLD FROM 200 HAT: 0.45 NM.</b> <b>WAAS CHANNEL # 50314</b> <b>REFERENCE PATH ID: W07A</b>											
FARIV (IAF)	DIKHU (FB)	335.63 / 5.00	3000												
FARMM (IAF)	DIKHU (FB)	041.46 / 13.67	3000												
VEENA (IAF)	DIKHU (FB)	153.74 / 13.14	3000												
DIKHU (IF)	AHYOB (FB)	065.60 / 6.02	2400												
1. PT <u>NA</u> SIDE OF COURSE <u>      </u> OUTBOUND <u>      </u> FT WITHIN <u>      </u> MILES OF <u>      </u> (IAF) 2. PROFILE STARTS AT DIKHU 3. FAC: <u>065.68</u> FAF: <u>AHYOB</u> DIST FAF TO MAP: <u>4.96</u> THLD: <u>4.96</u> 4. MIN. ALT: <u>DIKHU 3000, AHYOB 2400, TABTE/1.60 NM TO RW07L 1280*</u> 5. DIST TO THLD FROM OM: <u>      </u> MM: <u>      </u> IM: <u>      </u> 150 HAT: <u>      </u> 100 HAT: <u>      </u> GS ANT: <u>      </u> 6. MIN GS INCPT: <u>2400</u> GS ALT AT: <u>AHYOB</u> OM: <u>      </u> MM: <u>      </u> IM: <u>      </u> 7. GS ANGLE: <u>3.00</u> TCH: <u>55.4</u> 34:1 IS CLEAR 8. MSA FROM: <u>RW07L 2600</u>				<b>MAG VAR: 2W</b> <b>EPOCH YEAR: 1990</b>											
<b>MINIMUMS</b>															
TAKEOFF:	STANDARD	X	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	942	1/2	200	942	1/2	200	942	1/2	200	942	1/2	200			
LNAV/VNAV DA	1179	1	437	1179	1	437	1179	1	437	1179	1	437			
LNAV MDA	1160	1/2	418	1160	1/2	418	1160	3/4	418	1160	1	418			
CIRCLING	1200	1	458	1200	1	458	1200	1 1/2	458	1340	2	598			
NOTES: CHART NOTE: FOR INOPERATIVE MALSR, INCREASE LNAV CAT D VISIBILITY TO 1 1/4 MILE. CHART NOTE: BARO-VNAV NA WHEN USING WAUKEGAN REGIONAL ALTIMETER SETTING. CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -16C (4F) OR ABOVE 47C (116F). CHART NOTE: DME/DME RNP-0.3 NA. SEE 8260-10															
CITY AND STATE				ELEVATION: 742 TDZE: 742		FACILITY IDENTIFIER:		PROCEDURE NO./AMDT NO./EFFECTIVE DATE:				SUP:			
KENOSHA, WI				AIRPORT NAME:		RNAV		RNAV (GPS) RWY 7L, ORIG				AMDT: NONE			
				KENOSHA RGNL				27 AUG 2009				DATED			

QUALITY  
2  
CHECKED

**RNAV (GPS) - STANDARD  
INSTRUMENT APPROACH PROCEDURE - FAR PART 97.33**

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NOTES CONT.

\*LNAV ONLY

CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE WAUKEGAN REGIONAL ALTIMETER SETTING AND INCREASE ALL DA 27 FEET AND ALL MDA 40 FEET.

CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS ON OBK VOR/DME VIA V191 SOUTH BOUND.

QUALITY  
2  
CHECKED

CITY AND STATE

KENOSHA, WI

ELEVATION: 742 TDZE: 742

AIRPORT NAME:

KENOSHA RGNL

FACILITY  
IDENTIFIER:

RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

RNAV (GPS) RWY 7L, ORIG

27 AUG 2009

SUP:

AMDT: NONE

DATED:

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION  
RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE  
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	KENW
RUNWAY	RW07L
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W07A
LTP/FTP LATITUDE	423534.8020N
LTP/FTP LONGITUDE	0875630.1805W
LTP/FTP ELLIPSOIDAL HEIGHT	+01917
FPAP LATITUDE	423558.8200N
FPAP LONGITUDE	0875524.2400W
THRESHOLD CROSSING HEIGHT (TCH)	00055.4
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	103.75
LENGTH OFFSET	0000
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	35.0

CRC REMAINDER

468131D1

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K5
LTP ORTHOMETRIC HEIGHT	+02263
FPAP ORTHOMETRIC HEIGHT	+02263

QUALITY  
2  
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CITY AND STATE KENOSHA, WI	ELEVATION: 742 TDZE: 742 AIRPORT NAME: KENOSHA RGNL	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 7L, ORIG 27 AUG 2009	SUP:
				AMDT: NONE
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[illegible][illegible][illegible]

SEGMENT	1	2	3	4	5	6	7	8	9	0	1	2	3
SUSAP	KENWK5FR07L	AFARMM	010FARMMK5EA0E	A	IF					18000		A	JS
SUSAP	KENWK5FR07L	AFARMM	020DIKHUK5EA0EE		010TF		04150137	+	03000			A	JS
SUSAP	KENWK5FR07L	AOBK	010OBK	K5D	0V					18000		A	JS
SUSAP	KENWK5FR07L	AOBK	020FARIVK5EA0E	A	020TF		33300148	+	03000			A	JS
SUSAP	KENWK5FR07L	AOBK	030DIKHUK5EA0EE		010TF		33560050	+	03000			A	JS
SUSAP	KENWK5FR07L	AVEENA	010VEENAK5EA0E	A	IF					18000		A	JS
SUSAP	KENWK5FR07L	AVEENA	020DIKHUK5EA0EE		010TF		15370131	+	03000			A	JS
SUSAP	KENWK5FR07L	R	010DIKHUK5EA0E	I	IF			+	03000	18000		A	JS
SUSAP	KENWK5FR07L	R	020AHYOBK5EA1E	F	051TF		06560060	+	02400		RW07L	K5PGA	JS
SUSAP	KENWK5FR07L	R	020AHYOBK5EA2WALPV			ALNAV/VNAV	ALNAV						JS
SUSAP	KENWK5FR07L	R	021TABTEK5EA0E	S	031TF		06570034	V	0128001310	-300		A	JS
SUSAP	KENWK5FR07L	R	030RW07LK5PGOGY	M	031TF		06570016		00798	-300		A	JS
SUSAP	KENWK5FR07L	R	040BOCIJK5EA0E	M	010DF							A	JS
SUSAP	KENWK5FR07L	R	050NOVACK5EA0E		L010TFY		3329					A	JS

QUALITY  
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CITY AND STATE  KENOSHA, WI	ELEVATION: 742 TDZE: 742  AIRPORT NAME:  KENOSHA RGNL	FACILITY IDENTIFIER:  RNAV	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:  RNAV (GPS) RWY 7L, ORIG  27 AUG 2009	SUP:
				AMDT: NONE
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QUALITY  
1  
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SUP:	
AMDT:	NONE
DATED:	