

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: RW13 CLIMB TO 3500 DIRECT JILUL AND HOLD. ADDITIONAL FLIGHT DATA: HOLD SE, RT, 312.68 INBOUND. CHART FAS OBST: 926 ANT 463339N/0905502W DISTANCE TO THLD FROM 250 HATH: 0.66 NM. CHART VDP AT 1.05 MILES TO RW13* *LNAV ONLY. WAAS CHANNEL # 61107 REFERENCE PATH ID: W13A CHART CIRCLING ICON LTP HAE: 219.8 M							
GRASS		ZOXED (FB)		331.69 / 16.37			3500									
WASPS		JAVUT (FO)		289.02 / 11.83			3500									
ZOXED (IAF)		JAVUT (NOPT) (FB)		047.60 / 9.00			3500									
DLH VORTAC (IAF)		JAVUT (NOPT) (FB)		100.28 / 43.58			3500									
JAVUT (IF/IAF)		KIGCE (FB)		132.34 / 6.50			2900									
KIGCE (FAF)		TOVLE/2.80 NM TO RW13 (FB)		132.42 / 3.59												
(SEE FORM 8260-10)																
1. PT <u> </u> SIDE OF COURSE <u> </u> OUTBOUND <u> </u> FT WITHIN <u> </u> MILES OF <u> </u> (IAF) 2. HOLD NW JAVUT, RT, 132.34 INBOUND, 3500 FT. IN LIEU OF PT (IAF) 3. FAC: 132.42 FAF: KIGCE DIST FAF TO MAP: 6.39 THLD: 6.39 4. MIN. ALT: JAVUT 3500, KIGCE 2900, TOVLE/2.80 NM TO RW13 1740* 5. DIST TO THLD FROM OM: MM: IM: 150 HAT: 100 HAT: GS ANT: 6. MIN GS INCPT: 2900 GS ALT AT: KIGCE 2900 OM: MM: IM: 7. GS ANGLE: 3.00 TCH: 40.0 34:1 IS NOT CLEAR 8. MSA FROM: RW13 3100																
MAG VAR: 2W EPOCH YEAR: 2015																
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	1074	7/8	250	1074	7/8	250	1074	7/8	250	1074	7/8	250				
LNAV/VNAV DA	1107	1	283	1107	1	283	1107	1	283	1107	1	283				
LNAV MDA	1200	1	376	1200	1	376	1200	1	376	1200	1	376				
CIRCLING	1240	1	413	1280	1	453	1440	1 3/4	613	1560	2 1/4	733				
NOTES: CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -28C (-18F) OR ABOVE 54C (130F). CHART NOTE: DME/DME RNP-0.3 NA. CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT GRASS ON V217 SOUTHEAST BOUND. (SEE FORM 8260-10)																
CITY AND STATE		ELEVATION: 827 THRE: 824		AIRPORT NAME:		FACILITY IDENTIFIER:		PROCEDURE NO./AMDT NO./EFFECTIVE DATE:				SUP:				
ASHLAND, WI				JOHN F KENNEDY MEMORIAL		RNAV		RNAV (GPS) RWY 13, AMDT 1 2 MAY 2013				AMDT: ORIG				
												DATED 06/05/2008				

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
TOVLE/2.80 NM TO RW13	RW13 (MAP) (FO)	132.42 / 2.80	
RW13 (MAP)	1074 MSL	132.42	
1074 MSL	JILUL (FO)		3500

NOTES, (CONT.):

CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS ON DLH VORTAC AIRWAY RADIALS 046 CW 182.

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

CHART NOTE: BARO-VNAV AND VDP NA WHEN USING IRONWOOD ALTIMETER SETTING.

CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE IRONWOOD ALTIMETER SETTING AND INCREASE ALL DAS 132 FEET AND ALL MDAS 140 FEET; INCREASE LPV, LNAV/VNAV ALL CATS, AND LNAV CAT C/D VISIBILITY 3/8 MILE AND CIRCLING CAT C/D VISIBILITY 1/2 MILE.

CITY AND STATE
 ASHLAND, WI

ELEVATION: 827 **THRE:** 824
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 RNAV (GPS) RWY 13, AMDT 1
 2 MAY 2013

SUP:
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 CHECKED

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

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FAS DATA BLOCK INFORMATIONDATA FIELDDATA

OPERATION TYPE 0
SBAS SERVICE PROVIDER IDENTIFIER 0
AIRPORT IDENTIFIER KASX
RUNWAY RW13
APPROACH PERFORMANCE DESIGNATOR 0
ROUTE INDICATOR
REFERENCE PATH DATA SELECTOR 0
REFERENCE PATH IDENTIFIER (APPROACH ID) W13A
LTP/FTP LATITUDE 463312.9295N
LTP/FTP LONGITUDE 0905516.6055W
LTP/FTP ELLIPSOIDAL HEIGHT +02198
FPAP LATITUDE 463215.0600N
FPAP LONGITUDE 0905338.4800W
THRESHOLD CROSSING HEIGHT (TCH) 00040.0
TCH UNITS SELECTOR (METERS OR FEET USED) F
GLIDEPATH ANGLE (GPA) 03.00
COURSE WIDTH AT THRESHOLD 106.75
LENGTH OFFSET 1688
HORIZONTAL ALERT LIMIT (HAL) 40.0
VERTICAL ALERT LIMIT (VAL) 50.0

CRC REMAINDER

F5E80A02

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE K5
LTP ORTHOMETRIC HEIGHT +02512
FPAP ORTHOMETRIC HEIGHT +02512

CITY AND STATE

ASHLAND, WI

ELEVATION: 827

THRE: 824

AIRPORT NAME:

JOHN F KENNEDY MEMORIAL

FACILITY
IDENTIFIER:

RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

RNAV (GPS) RWY 13, AMDT 1

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06/05/2008

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[illegible][illegible][illegible]

SEGMENT	1	2	3	4	5	6	7	8	9	0	1	2	3
SUSAP	KASXK5FR13	ADLH	010DLH	K3D 0V	A	IF				18000		A	JS
SUSAP	KASXK5FR13	ADLH	020JAVUTK5EA0EE	B	010TF		10030436	+	03500			A	JS
SUSAP	KASXK5FR13	AGRASS	010GRASSK5EA0E		IF					18000		A	JS
SUSAP	KASXK5FR13	AGRASS	020ZOXEDK5EA0E	A	020TF		33170164	+	03500			A	JS
SUSAP	KASXK5FR13	AGRASS	030JAVUTK5EA0EE	B	010TF		04760090	+	03500			A	JS
SUSAP	KASXK5FR13	AWASPS	010WASPSK5EA0E		IF					18000		A	JS
SUSAP	KASXK5FR13	AWASPS	020JAVUTK5EA0EY		020TF		28900118	+	03500			A	JS
SUSAP	KASXK5FR13	AWASPS	030JAVUTK5EA0EE	AR	HF		13230040	+	03500			A	JS
SUSAP	KASXK5FR13	R	010JAVUTK5EA0E	I	IF			+	03500	18000		A	JS
SUSAP	KASXK5FR13	R	020KIGCEK5EA1E	F	051TF		13230065	+	02900		RW13	K5PGA	JS
SUSAP	KASXK5FR13	R	020KIGCEK5EA2WALPV			ALNAV/VNAV	ALNAV						JS
SUSAP	KASXK5FR13	R	021TOVLEK5EA0E	S	031TF		13240036	V	0174001756	-300		A	JS
SUSAP	KASXK5FR13	R	030RW13	K5PGOGY	M	031TF	13240028		00864	-300		A	JS
SUSAP	KASXK5FR13	R	040		0	M	CA	1324	+	01074		A	JS
SUSAP	KASXK5FR13	R	050JILULK5EA0EY		DF			+	03500			A	JS
SUSAP	KASXK5FR13	R	060JILULK5EA0EE		R	HM	31270040	+	03500			A	JS

[illegible]

CITY AND STATE ASHLAND, WI	ELEVATION: 827 THRE: 824 AIRPORT NAME: JOHN F KENNEDY MEMORIAL	FACILITY IDENTIFIER: RNAV	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE: RNAV (GPS) RWY 13, AMDT 1 2 MAY 2013	SUP:
				AMDT: ORIG
				DATED: 06/05/2008

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION
RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE
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SUSAP KASXK5GRW13 0034981325 N46331293W090551661-0400 +0219800824000040075R

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

SUSAP KASXK5PR13	RW13	001	0000W13A0N4633129295W09055166055+021980300N4632150600W09053384800106751688000400F400500F5E80A02										
SUSAP KASXK5PR13	RW13	002E	+02512+02512LPV 61107										

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

SUSAP KASXK5SRW13	K5PG	0	18018003125	M									

CITY AND STATE
ASHLAND, WI

ELEVATION: 827 THRE: 824
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FACILITY
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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
	DLH	DLH	010	IAF	IF		FB					
	DLH	JAVUT	020		TF		FB	1.0	100.3 (098.3T)	043.6	AA 03500	
	GRASS	GRASS	010		IF		FB					
	GRASS	ZOXED	020	IAF	TF		FB	2.0	331.7 (329.7T)	016.4	AA 03500	
	GRASS	JAVUT	030		TF		FB	1.0	047.6 (045.6T)	009.0	AA 03500	
	WASPS	WASPS	010		IF		FB					
	WASPS	JAVUT	020		TF		FO	2.0	289.0 (287.0T)	011.8	AA 03500	
	WASPS	JAVUT	030	IAF	HF	R	FO		132.3 (130.3T)	004.0	AA 03500	
		JAVUT	010	FACF	IF		FB				AA 03500	
		KIGCE	020	FAF	TF		FB	0.5	132.3 (130.3T)	006.5	AA 02900	
		TOVLE	021	SDF	TF		FB	0.3	132.4 (130.4T)	003.6	AA 01740	GS 01756
		RW13	030	MAP	TF		FO	0.3	132.4 (130.4T)	002.8	AT 00864	

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE	SPEED
		040		CA		FB		132.4 (130.4T)		AA 01074	
	JILUL	050		DF		FO				AA 03500	
	JILUL	060		HM	R	FO		312.7 (310.7T)	004.0	AA 03500	

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	DLH	N464807.79	W0921210.33	N4648.130	W09212.172
	GRASS	N462110.12	W0910652.88	N4621.169	W09106.881
	JAVUT	N464134.23	W0910930.83	N4641.571	W09109.514
	JILUL	N462446.48	W0904101.15	N4624.775	W09041.019
	KIGCE	N463721.78	W0910219.72	N4637.363	W09102.329
	TOVLE	N463501.98	W0905821.79	N4635.033	W09058.363
	WASPS	N463807.69	W0905304.47	N4638.128	W09053.075
	ZOXED	N463516.92	W0911851.28	N4635.282	W09118.855
	RW13	N463312.93	W0905516.61	N4633.216	W09055.277

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW13	00824	40

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	AIRPORT NAME: JOHN F KENNEDY MEMORIAL		RNAV	RNAV (GPS) RWY 13, AMDT 1	AMDT: ORIG
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