

FEDERAL AVIATION ADMINISTRATION
FLIGHT STANDARDS SERVICE
RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE
TITLE 14 CFR PART 97.33

Bearings, headings, courses, tracks 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 feet RVR.

<u>AIRPORT</u> JOHN F KENNEDY MEMORIAL	<u>AIRPORT ID</u> KASX	<u>PROCEDURE NAME</u> RNAV (GPS) RWY 20	<u>ORIGINAL/AMENDMENT</u> 1B	<u>CITY</u> ASHLAND	<u>STATE</u> WI	
<u>AIRPORT ELEVATION</u> 827	<u>TDZE</u> 827	<u>SUPERSEDED</u> RNAV (GPS) RWY 20	<u>ORIGINAL/AMENDMENT</u> 1A	<u>DATED</u> 04/02/2015	<u>MAG VAR</u> 2W	<u>EPOCH YEAR</u> 2015
<u>FACILITY</u> RNAV	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 8 NOVEMBER 2018	<u>REQUIRED EFFECTIVE DATE</u> ROUTINE	<u>CANCEL/SUSPEND</u>		

TERMINAL ROUTES

<u>FROM</u>	<u>FIX TYPE</u>	<u>TO</u>	<u>FIX TYPE</u>	<u>LEG TYPE</u>	<u>FO/FB</u>	<u>RNP</u>	<u>COURSE</u>	<u>DISTANCE</u>	<u>ALTITUDE</u>
IWD VOR/DME		ZODET		TF	FB	2.00	303.63	23.97	3200
NOYIC		COVIV		TF	FB	2.00	060.32	12.33	3200
ZODET	IAF	HOSUT	NOPT	TF	FB	1.00	272.14	8.00	3200
COVIV	IAF	HOSUT	NOPT	TF	FB	1.00	112.68	9.00	3200
HOSUT	IF/IAF	IRORE		TF	FB	1.00	202.83	6.84	2500
IRORE	FAF	RW20	MAP	TF	FO	0.30	202.79	5.16	
RW20	MAP	1124 MSL		CA			202.79		
1124 MSL		FOMLO		DF	FO	1.00			3600

MISSED APPROACH

MAP:

LPV: DA
LNAV/VNAV: DA
LNAV: RW20

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 3600 DIRECT FOMLO AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:

PROFILE:

1. PT	SIDE OF COURSE	OUTBOUND	FT WITHIN	MILES OF	(IAF)
2.	HOLD NE HOSUT, RT, 202.83 INBOUND, 3200 FT. IN LIEU OF PT (IAF), MAX 6000.				
3. FAC:	202.79	FAF: IRORE	DIST FAF TO MAP: 5.16	DIST FAF TO THLD: 5.16	
4. MIN ALT:	HOSUT 3200, IRORE 2500				
5. DIST TO THLD FROM OM:	MM:	IM:	150 HAT:	297 HAT: 0.82	GS ANT:
6. MIN GP INCPT: 2500	GP ALT AT FAF : IRORE 2500			OM:	MM: IM:
7. GP ANGLE: 3.00	34:1: IS NOT CLEAR	20:1: IS CLEAR	TCH: 34.4		
8. MSA FROM:	RW20 3100				

PBN REQUIREMENTS NOTE:

RNP APCH

NOTES:

CHART NOTE: BARO-VNAV AND VDP NA WHEN USING IRONWOOD ALTIMETER SETTING.
CHART NOTE: RWY 20 HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED.
CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -22C OR ABOVE 54C.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVAL ON IWD VOR/DME AIRWAY RADIALS 240 CW 280.
CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE IRONWOOD ALTIMETER SETTING: INCREASE LPV DA TO 1260 FEET AND ALL VISIBILITIES 1/2 SM; INCREASE LNAV/VNAV DA TO 1256 FEET AND ALL VISIBILITIES 1/2 SM; INCREASE ALL MDA 140 FEET AND LNAV VISIBILITY CAT C/D 3/8 SM AND CIRCLING VISIBILITY CAT C/D 1/2 SM.

ADDITIONAL FLIGHT DATA:

CHART CIRCLING ICON.
CHART VDP AT 1.08 NM TO RW20*
*LNAV ONLY
WAAS CHANNEL #90307
REFERENCE PATH ID: W20A
CHART FAS OBST: 939 TREE 463327N/0905418W.
HOLD SW, RT, 022.68 INBOUND
LTP HAE: 219.5 M

MINIMUMS:

TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT

ALTERNATE: NA ☐ STANDARD - CAT D 800-2 1/4, NA WHEN LOCAL WEATHER NOT AVAILABLE.

CATEGORY:	A			B			C			D			E		
FINAL TYPE	DA/MDA	VIS	HAT/HAA	DA/MDA	VIS	HAT/HAA	DA/MDA	VIS	HAT/HAA	DA/MDA	VIS	HAT/HAA	DA/MDA	VIS	HAT/HAA
LPV DA	1128	1	301	1128	1	301	1128	1	301	1128	1	301			
LNAV/VNAV DA	1124	1	297	1124	1	297	1124	1	297	1124	1	297			
LNAV MDA	1200	1	373	1200	1	373	1200	1	373	1200	1	373			
CIRCLING	1240	1	413	1280	1	453	1440	1 3/4	613	1560	2 1/4	733			



CHANGES - REASONS

- 1. ALL REFERENCED OF IRONWOOD VORTAC CHANGED TO IRONWOOD VOR/DME - TACR
- 2. CHANGE THRE 823 TO TDZE 827 - INCORPORATE P-NOTAM 5/8757
- 3. CHANGED LPV DA FROM 1124 TO 1128, LNAV/VNAV DA FROM 1120 TO 1124, AND LNAV HAT FROM 377 TO 373 - INCORPORATE P-NOTAM 5/8757
- 4. CHANGED INTERMEDIATE SEGMENT RNP VALUE FROM 0.5 TO 1.00 - CURRENT RNAV CRITERIA
- 5. ADDED 20:1 IS CLEAR TO LINE 7 - 8260.19H CHAPTER 8
- 6. ADDED RNP APCH TO PBN REQUIREMENTS NOTE - 8260.19H CHAPTER 8
- 7. DELETED DME/DME RNP-0.3 NA - 8260.19H CHAPTER 8
- 8. REMOVED DEGREES F FROM BARO-VNAV CHART NOTE - 8260.19H CHAPTER 8
- 9. CHANGED "CHART NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED" TO "CHART NOTE: RWY 20 HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED" - CURRENT VERSION PER 8260.19H CHAPTER 8
- 10. CHANGED "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 CIRCLING CAT C/D VISIBILITY 1/2 SM, AND LNAV CAT C/D VISIBILITY 3/8 SM" TO "CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE IRONWOOD ALTIMETER SETTING: INCREASE LPV DA TO 1260 FEET AND ALL VISIBILITIES 1/2 SM; INCREASE LNAV/VNAV DA TO 1256 FEET AND ALL VISIBILITIES 1/2 SM; INCREASE ALL MDA 140 FEET AND LNAV VISIBILITY CAT C/D 3/8 SM AND CIRCLING VISIBILITY CAT C/D 1/2 SM." - 8260.19H CHAPTER 8.



AIRPORT

JOHN F KENNEDY MEMORIAL

AIRPORT ID

KASX

PROCEDURE NAME

RNAV (GPS) RWY 20

ORIGINAL/AMENDMENT

1B

CITY

ASHLAND

STATE

WI

COORDINATED WITH:

A4A ☐ **ALPA** ☒ **AOPA** ☒ **APA** ☐ **HAI** ☐ **NBAA** ☒ **OTHER:** ZMP, AMGR

FLIGHT CHECKED BY

FLIGHT INSPECTION REVIEW NOT REQUIRED - PROCESSED IAW AIRCRAFT OPERATIONS GROUP (AJW-33) MEMO, DEC 22, 2017.

Digitally signed by **OFFICE**

DEZ SILAGYI

Aug 23, 2018

DATE

DEVELOPED BY

LONNIE EVERHART (LORRI DOWNEY)

Digitally signed by

DEZ SILAGYI

Aug 23, 2018

OFFICE

AJV-5400

DATE

08/09/2018

APPROVED BY

LONNIE EVERHART

Digitally signed by

DEZ SILAGYI

Aug 23, 2018

OFFICE

AJV-5400

DATE

TITLE

MANAGER



FAS DATA BLOCK INFORMATION

DATA FIELD	DATA
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KASX
RUNWAY	RW20
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W20A
LTP/FTP LATITUDE	463313.9560N
LTP/FTP LONGITUDE	0905502.3850W
LTP/FTP ELLIPSOIDAL HEIGHT	+02195
FPAP LATITUDE	463150.6700N
FPAP LONGITUDE	0905548.1300W
THRESHOLD CROSSING HEIGHT (TCH)	00034.4
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	1168
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0
CRC REMAINDER	C7AA8D72
ADDITIONAL PATH POINT RECORD INFORMATION	
ICAO CODE	K5
LTP ORTHOMETRIC HEIGHT	+02509
FPAP ORTHOMETRIC HEIGHT	+02509

