

**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: RW09
JONNA (IAF)	HUFFR (TF) (FB) (RNP 1.00)	022.78 / 21.55	3000	CLIMB TO 3100 DIRECT JUDAL AND HOLD.
SODIE (IAF)	HUFFR (TF) (FB) (RNP 1.00)	127.46 / 20.89	3000	
HUFFR (IF)	CIRAP (TF) (FB) (RNP 1.00)	088.51 / 6.02	2700	ADDITIONAL FLIGHT DATA: HOLD E, RT, 268.96 INBOUND. FAS OBST: 1079 AAO 450817N/0931955W. DISTANCE TO THLD FROM 315 HAT: 0.88 NM. CHART VDP AT 1.28 NM TO RW09* *LNAV ONLY. WAAS CHANNEL # 82312 REFERENCE PATH ID: W09A CHART CIRCLING ICON. LTP HAE: 248.5 M
CIRAP (FAF)	RW09 (MAP) (TF) (FO) (RNP 0.30)	088.61 / 5.51		
RW09 (MAP)	1225 MSL (CA)	088.61		
1225 MSL	JUDAL (DF) (FO) (RNP 1.00)		3100	

1. PT SIDE OF COURSE OUTBOUND FT WITHIN MILES OF (IAF)
2. PROFILE STARTS AT HUFFR
3. FAC: 088.61 FAF: CIRAP DIST FAF TO MAP: 5.51 THLD: 5.51
4. MIN. ALT: HUFFR 3000, CIRAP 2700
5. DIST TO THLD FROM OM: MM: IM: 150 HAT: 100 HAT: GS ANT:
6. MIN GS INCPT: 2700 GS ALT AT: CIRAP 2700 OM: MM: IM:
7. GS ANGLE: 3.00 TCH: 40.0 34:1 IS CLEAR
8. MSA FROM: RW09 3500

MAG VAR: 2E EPOCH YEAR: 2000

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	1225	1	315	1225	1	315	1225	1	315	1225	1	315			
LNAV/VNAV DA	1352	1 3/8	442	1352	1 3/8	442	1352	1 3/8	442	1352	1 3/8	442			
LNAV MDA	1340	1	430	1340	1	430	1340	1 1/4	430	1340	1 1/4	430			
CIRCLING	1400	1	488	1400	1	488	1460	1 1/2	548	1580	2	668			

NOTES:
 CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -16C (4F) OR ABOVE 54C (130F).
 CHART NOTE: DME/DME RNP-0.3 NA.
 CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT JONNA ON V171 SOUTHEAST BOUND.
 CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT SODIE ON V2 NORTHWEST BOUND.
 CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET}).



CITY AND STATE MINNEAPOLIS, MN	ELEVATION: 912 TDZE: 910 AIRPORT NAME: ANOKA COUNTY-BLAINE (JANES FIELD)	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 9, AMDT 1 29 MARCH 2018	SUP: AMDT: ORIG-E DATED 08/17/2017
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US DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION
RNAV - STANDARD
INSTRUMENT APPROACH PROCEDURE - TITLE 14 CFR PART 97.33

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QUALITY
 38
 CHECKED

CITY AND STATE MINNEAPOLIS, MN	ELEVATION: 912 AIRPORT NAME: ANOKA COUNTY-BLAINE (JANES FIELD)	TDZE: 910	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 9, AMDT 1 29 MARCH 2018	SUP:
					AMDT: ORIG-E
					DATED: 08/17/2017

**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	KANE
RUNWAY	RW09
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W09A
LTP/FTP LATITUDE	450841.3495N
LTP/FTP LONGITUDE	0931312.2765W
LTP/FTP ELLIPSOIDAL HEIGHT	+02485
FPAP LATITUDE	450840.2420N
FPAP LONGITUDE	0931106.4000W
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	1224
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0

CRC REMAINDER 892826DA

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K3
LTP ORTHOMETRIC HEIGHT	+02759
FPAP ORTHOMETRIC HEIGHT	+02759

QUALITY
6
CHECKED

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	AIRPORT NAME: ANOKA COUNTY-BLAINE (JANES FIELD)				AMDT: ORIG-E
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