

**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 ID</u> UIN	<u>PROCEDURE NAME</u> RNAV (GPS) RWY 4	<u>ORIGINAL/AMENDMENT</u> 1	<u>CITY</u> QUINCY	<u>STATE</u> IL
<u>AIRPORT ELEVATION</u> 768	<u>TDZE</u> 763	<u>SUPERSEDED</u> RNAV (GPS) RWY 4	<u>DATED</u> 12/31/2020	<u>MAG VAR</u> 2E
<u>FACILITY</u> RNAV	<u>COORDINATES OF FACILITIES</u>	<u>ORIGINAL/AMENDMENT</u> ORIG-A	<u>REQUIRED EFFECTIVE DATE</u> 12/26/2024	<u>EPOCH YEAR</u> 1985
		<u>ACTUAL EFFECTIVE DATE</u> 26 DECEMBER 2024	<u>CANCEL/SUSPEND</u>	

TAA

<u>FROM</u>	<u>FIX TYPE</u>	<u>TO</u>	<u>FIX TYPE</u>	<u>ALTITUDE</u>
1. 308/30 CW 128/30	NOPT	JISNA	IF/IAF	2700
2. 128/30 CW 218/30		WETIN	IAF	2700
3. 218/30 CW 308/30		UKUCU	IAF	2700

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>
WETIN	IAF	JISNA	NOPT	TF	FB	1.00	128.17	5.00	2700
UKUCU	IAF	JISNA	NOPT	TF	FB	1.00	308.27	5.00	2700
JISNA	IF/IAF	WUSIS		TF	FB	1.00	038.22	6.17	2100
WUSIS	FAF	RW04	MAP	TF	FO	0.30	038.27	4.08	
RW04	MAP	963 MSL		CA			038.27		
963 MSL		FANUT		DF	FO	1.00			2400

MISSED APPROACH

MAP:

LPV: DA
LNAV/VNAV: DA
LNAV: RW04

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 2400 DIRECT FANUT AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:



PROFILE:

1.	PT	SIDE OF COURSE	OUTBOUND	FT WITHIN	MILES OF	(IAF)									
2.	HOLD SW JISNA, RT, 038.22 INBOUND, 2700 FT. IN LIEU OF PT (IAF), MAX 6000.														
3.	FAC:	038.27	FAF:	WUSIS	DIST FAF TO MAP:	4.08	DIST FAF TO THLD:	4.08							
4.	MIN ALT:	JISNA 2700, WUSIS 2100													
5.	DIST TO THLD FROM OM:		MM:		IM:		150 HAT:		200 HAT:	0.51	GS ANT:				
6.	MIN GP INCPT:	2100	GP ALT AT PFAF:	WUSIS 2100					OM:		MM:			IM:	
7.	GP ANGLE:	3.00	34:1:	IS CLEAR	20:1:	IS CLEAR	TCH:	41.0							
8.	MSA FROM:														

PBN REQUIREMENTS NOTE:

RNP APCH - GPS.

NOTES:

CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -21°C OR ABOVE 54°C.
CHART NOTE: BARO-VNAV AND VDP NA WHEN USING PPQ ALTIMETER SETTING.
CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE PITTSFIELD ALTIMETER SETTING AND INCREASE LPV DA TO 1033 FEET; INCREASE LNAV/VNAV DA TO 1104 FEET AND ALL VISIBILITIES 1/8 SM. INCREASE ALL MDAS 80 FEET AND LNAV VISIBILITY CAT C/D 3/8 SM. FOR INOPERATIVE ALS WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, INCREASE LPV ALL CATS VISIBILITY TO 7/8 SM; INCREASE LNAV/VNAV ALL CATS VISIBILITY TO 1 SM; INCREASE LNAV CAT C AND D VISIBILITY TO 1 3/8 SM.
CHART NOTE: FOR INOPERATIVE ALS INCREASE LNAV/VNAV ALL CATS VISIBILITY TO 7/8 SM.
CHART SPEED ICON IN PLANVIEW AT WETIN: MAX 210 KIAS.
CHART SPEED ICON IN PLANVIEW AT UKUCU: MAX 210 KIAS.
CHART SPEED ICON IN PLANVIEW AT JISNA: MAX 180 KIAS.

ADDITIONAL FLIGHT DATA:

CHART: PRUITT A AND B MOA.
CHART: HOWARD WEST AND EAST MOA.

HOLD NE, RT, 218.43 INBOUND.
FAS OBST: 906 AAO 395318N/0911406W.
926 AAO 395212N/0911439W.
CHART VDP AT 1.13 NM TO RW04.
WAAS CHANNEL # 53510
REFERENCE PATH ID: W04A
LTP HAE: 199.3 M

MINIMUMS:

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

ALTERNATE: NA ☐ STANDARD - 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	963	1/2	200	963	1/2	200	963	1/2	200	963	1/2	200			
LNAV/VNAV DA	1034	1/2	271	1034	1/2	271	1034	1/2	271	1034	1/2	271			
LNAV MDA	1160	1/2	397	1160	1/2	397	1160	5/8	397	1160	5/8	397			
CIRCLING	1180	1	412	1220	1	452	1240	1 1/2	472	1320	2	552			

QUALITY
21
CHECKED

CHANGES - REASONS

1. AIRPORT ELEVATION CHANGED FROM 769 TO 768 AND TDZE FROM 760 TO 763. - NEW AIRPROT SURVEY.
2. TERMINAL ROUTE FROM JISNA TO DISTANCE CHANGED FROM 6.20 TO 6.17. - PFAF MOVED, TDZE CHANGED AND TCH CHANGED.
3. TERMINAL ROUTE FROM WUSIS TO RW04 DISTANCE CHANGED FROM 4.05 TO 4.08 - PFAF MOVED.
4. TERMINAL ROUTE MISSED APPROACH CA ALTITUDE CHANGED FROM 960 MSL TO 963 MSL. - TDZE CHANGED.
5. PROFILE LINE 3 DIST FAF TO MAP AND FAF TO THLD CHANGED FROM 4.05 TO 4.08. - PFAF MOVED.
6. ADDED PROFILE LINE 5 DIST TO THLD FROM 200 HAT: 0.51. - 8260.19.
7. PROFILE LINE 7 CHANGED TCH FROM 41.3 TO 41.0 - ATC REQUEST, NEW AIRPORT SURVEY, TDZE CHANGED.
8. PBN REQUIREMENTS NOTE CHANGE FROM RNP APCH TO RNP APCH - GPS. - 8260.19.
9. CHART NOTE CHANGED FROM FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -16°C OR ABOVE 54°C TO -21°C OR ABOVE 54°C. - NEW HISTORICAL TEMP DATA.
10. ADDED CHART NOTE: BARO-VNAV AND VDP NA WHEN USING PPQ ALTIMETER SETTING. - ATC REQUEST TO MOVE ALTERNATE WX SOURCE NOTES TO THE PUBLISHED DATA.
11. ADDED CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE PITTSFIELD ALTIMETER SETTING AND INCREASE LPV DA TO 1033 FEET; INCREASE LNAV/VNAV DA TO 1104 FEET AND ALL VISIBILITIES 1/8 SM. INCREASE ALL MDAS 80 FEET AND LNAV VISIBILITY CAT C/D 3/8 SM. FOR INOPERATIVE ALS WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, INCREASE LPV ALL CATS VISIBILITY TO 7/8 SM; INCREASE LNAV/VNAV ALL CATS VISIBILITY TO 1 SM; INCREASE LNAV CAT C AND D VISIBILITY TO 1 3/8 SM - ATC REQUEST TO MOVE ALTERNATE WX SOURCE NOTES TO THE PUBLISHED DATA.
12. CHANGED CHART NOTE FROM "FOR INOPERATIVE ALS INCREASE LNAV CAT D VISIBILITY TO 1 1/4 SM." TO "FOR INOPERATIVE ALS INCREASE LNAV/VNAV ALL CATS VISIBILITY TO 7/8 SM." - 8260.3.
13. ADDITIONAL FLIGHT DATA CHANGED FROM "FAS OBST: 909 AAO 395319N/0911407W." TO "FAS OBST: 906 AAO 395318N/0911406W." - NEW LNAV CONTROLLER IDENTIFIED.
14. ADDITIONAL FLIGHT DATA CHANGED FROM "919 AAO 395234N/0911451W." TO "926 AAO 395212N/0911439W." - NEW LNAV 7:1 AAO IDENTIFIED.
15. ADDITIONAL FLIGHT DATA CHANGED FROM "CHART VDP AT 1.14 NM TO RW04*" TO "CHART VDP AT 1.13 NM TO RW04." - FINAL ADJUSTED DUE TO NEW SURVEY AND TCH ADJUSTMENT.
16. REMOVED ADDITIONAL FLIGHT DATA *LNAV ONLY. - 8260.19, NO LONGER REQUIRED.
17. ADDITIONAL FLIGHT DATA CHANGED FROM LTP HAE: 197.8 M TO 199.3 M. - NEW RUNWAY SURVEY.
18. LPV DA CHANGED FROM 960 TO 963. - TDZE ELEVATION CHANGED.
19. LNAV/VNAV DA CHANGED DA/HAT FROM 1139/379 TO 1034/271 AND VISIBILITY ALL CATS CHANGED FROM 3/4 TO 1/2. - NEW FINAL CONTROLLER IDENTIFIED.
20. LNAV MDA CHANGED MDA/HAT FROM 1160/400 TO 1160/397 AND CAT C AND D VIS CHANGED FROM 1/2 AND 1 TO 5/8. - NEW FINAL CONTROLLER IDENTIFIED.
21. ALL CIRCLING HAA INCREASED BY 1. - AIRPORT ELEVATION DECREASED BY 1.
22. FAS DATA LTP/FTP LAT AND LONG CHANGED FROM 395610.1210N/0911158.4275W TO 395610.1220N/0911158.4260. - NEW RUNWAY SURVEY.
23. FAS DATA LTP ELLIPSOIDAL HEIGHT CHANGED FROM +01978 TO +011993. - NEW RUNWAY SURVEY.
24. FAS DATA PFAF LAT AND LONG CHANGED FROM 395703.6200N/0911059.4500W TO 395718.1135N/0911043.4725W. - NEW RUNWAY SURVEY, FINAL ADJUSTED.
25. FAS DATA TCH CHANGED FROM 00041.3 TO 00041.0 - FINAL ADJUSTED.
26. FAS DATA LENGTH OFFSET CHANGED FROM 0000 TO 0584. - NEW RUNWAY SURVEY, FINAL ADJUSTED.
27. FAS DATA CRC REMAINDER CHANGED FROM 4E91F9A5 TO B2AC74C3. - NEW RUNWAY SURVEY, FINAL ADJUSTED.
28. LTP ORTHOMETRIC HEIGHT CHANGED FROM +02303 TO +02319. - NEW RUNWAY SURVEY.
29. FPAP ORTHOMETRIC HEIGHT CHANGED FROM +02303 TO +02319. - NEW RUNWAY SURVEY.

COORDINATED WITH:

A4A

☒

ALPA

☒

AOPA

☒

APA

☒

HAI

☐

NBAA

☒

OTHER: ZKC, AMGR

FLIGHT CHECKED BY

PENDING

Digitally signed by

CASIMIR L TABAKA

Jul 01, 2024

OFFICE

DATE

DEVELOPED BY

TYLER MITCHELL

Digitally signed by

TYLER D MITCHELL

May 29, 2024

OFFICE

AJV-A432

DATE

02/27/2024

APPROVED BY

CASIMIR L. TABAKA

Digitally signed by

CASIMIR L TABAKA

Jul 01, 2024

OFFICE

AJV-A432

DATE

02/27/2024

TITLE

MANAGER



FAS DATA BLOCK INFORMATION

DATA FIELD	DATA
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KUIN
RUNWAY	RW04
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W04A
LTP/FTP LATITUDE	395610.1220N
LTP/FTP LONGITUDE	0911158.4260W
LTP/FTP ELLIPSOIDAL HEIGHT	+01993
FPAP LATITUDE	395718.1135N
FPAP LONGITUDE	0911043.4725W
THRESHOLD CROSSING HEIGHT (TCH)	00041.0
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	0584
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	35.0
CRC REMAINDER	B2AC74C3

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K5
LTP ORTHOMETRIC HEIGHT	+02319
FPAP ORTHOMETRIC HEIGHT	+02319

