

**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> KUIN	<u>PROCEDURE NAME</u> RNAV (GPS) RWY 4	<u>ORIGINAL/AMENDMENT</u> ORIG-A	<u>CITY</u> QUINCY	<u>STATE</u> IL		
<u>AIRPORT ELEVATION</u> 769	<u>TDZE</u> 760	<u>SUPERSEDED</u> RNAV (GPS) RWY 4	<u>ORIGINAL/AMENDMENT</u> ORIG	<u>DATED</u> 01/15/2009	<u>MAG VAR</u> 2E	<u>EPOCH YEAR</u> 1985
<u>FACILITY</u> RNAV	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 31 DECEMBER 2020	<u>REQUIRED EFFECTIVE DATE</u> ROUTINE	<u>CANCEL/SUSPEND</u>		

TAA

FROM	FIX TYPE	TO	FIX TYPE	ALTITUDE
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

FROM	FIX TYPE	TO	FIX TYPE	LEG TYPE	FO/FB	RNP	COURSE	DISTANCE	ALTITUDE
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	6.20	2100
WUSIS	FAF	RW04	MAP	TF	FO	0.30	038.27	4.05	
RW04	MAP	960 MSL		CA			038.27		
960 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. FAF: 038.27FAF: WUSISDIST FAF TO MAP: 4.05DIST FAF TO THLD: 4.05

4. MIN ALT: JISNA 2700, WUSIS 2100

5. DIST TO THLD FROM OM:MM:IM:150 HAT:GS ANT:

6. MIN GP INCPT: 2100GP ALT AT FAF : WUSIS 2100OM:MM:IM:

7. GP ANGLE: 3.0034:1: IS CLEAR20:1: IS CLEARTCH: 41.3

8. MSA FROM:

PBN REQUIREMENTS NOTE:

RNP APCH.

NOTES:

CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -16°C OR ABOVE 54°C.
CHART NOTE: FOR INOPERATIVE ALS INCREASE LNAV CAT D VISIBILITY TO 1 1/4 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: 909 AAO 395319N/0911407W.
919 AAO 395234N/0911451W.
CHART VDP AT 1.14 NM TO RW04*
*LNAV ONLY.
WAAS CHANNEL # 53510
REFERENCE PATH ID: W04A
LTP HAE: 197.8 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	960	1/2	200	960	1/2	200	960	1/2	200	960	1/2	200			
LNAV/VNAV DA	1139	3/4	379	1139	3/4	379	1139	3/4	379	1139	3/4	379			
LNAV MDA	1160	1/2	400	1160	1/2	400	1160	1/2	400	1160	1	400			
CIRCLING	1180	1	411	1220	1	451	1240	1 1/2	471	1320	2	551			

CHANGES - REASONS

1. CIRCLING CAT C MDA RAISED FROM 1220 TO 1240 - NEW CONTROLLING OBSTACLE AFTER APPLYING NEW CIRCLING CRITERIA.
2. CHANGED INTERMEDIATE RNP VALUE FROM 0.5 TO 1.0 - APPLY CORRECT RNP REQUIREMENT.
3. CHARTED RNP APCH PBN NOTE - PBN REQUIREMENTS NOTE.
4. DELETED DME/DME RNP-0.3 NA NOTE - RNP APCH PBN NOTE APPLIED.
5. REMOVED BACKUP ALTIMETER SETTING NOTES - NOT REQUIRED; MOVED TO GENERAL REMARKS TO BE ISSUED BY NOTAM AS NEEDED.
6. UPDATE INOPERATIVE LIGHTING NOTE, CHANGED MALSR TO ALS AND MILES TO SM - PROVIDE CORRECT FORMAT.
7. REMOVED FAHRENHEIT VALUES FROM LNAV/VNAV UNCOMPENSATED NOTE AND CHANGED HIGH TEMP FROM 47C TO 54C - CORRECT FORMAT AND CORRECT MAX VALUE USING LATEST FORMULA.
8. ADDED 20:1 IS CLEAR - NEW DOCUMENTATION REQUIREMENT, SURFACE WAS ALWAYS CLEAR.
9. ADDED MAXIMUM 6000 TO HOLDING AT JISNA - NEW DOCUMENTATION REQUIREMENT.
10. ADDED SPEED RESTRICTIONS OF 210 AT IAF (WEITN AND UKUCU) AND 180 AT IF (JISNA) - INITIAL SEGMENT LENGTHS TOO SHORT FOR STANDARD AIRSPEEDS.
11. ADDED CA LEG TO MISSED APPROACH - PROVIDE CODING REFERENCE.

COORDINATED WITH:**A4A** ☒ **ALPA** ☒ **AOPA** ☒ **APA** ☒ **HAI** ☐ **NBAA** ☒ **OTHER:** ZKC, AMGR*Digitally signed by***FLIGHT CHECKED BY****DONALD H LANIER**

BRYAN VEIT

Oct 19, 2020

OFFICE

FICO

DATE

10/18/2020

DEVELOPED BY

KELLY DEAN

*Digitally signed by***KELLY D DEAN**

Sep 24, 2020

OFFICE

AJV-A431

DATE

08/17/2020

APPROVED BY

LONNIE EVERHART

*Digitally signed by***DONALD H LANIER**

Oct 19, 2020

OFFICE

AJV-A430

DATE**TITLE**
MANAGER

FAS DATA BLOCK INFORMATION

<u>DATA FIELD</u>	<u>DATA</u>
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	395610.1210N
LTP/FTP LONGITUDE	0911158.4275W
LTP/FTP ELLIPSOIDAL HEIGHT	+01978
FPAP LATITUDE	395703.6200N
FPAP LONGITUDE	0911059.4500W
THRESHOLD CROSSING HEIGHT (TCH)	00041.3
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	0000
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	35.0
CRC REMAINDER	4E91F9A5

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K5
LTP ORTHOMETRIC HEIGHT	+02303
FPAP ORTHOMETRIC HEIGHT	+02303

