

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> KMKC	<u>PROCEDURE NAME</u> RNAV (GPS) RWY 22	<u>ORIGINAL/AMENDMENT</u> 2A	<u>CITY</u> KANSAS CITY	<u>STATE</u> MO		
<u>AIRPORT ELEVATION</u> 757	<u>TDZE</u> 744	<u>SUPERSEDED</u> RNAV (GPS) RWY 21	<u>ORIGINAL/AMENDMENT</u> 2	<u>DATED</u> 08/17/2017	<u>MAG VAR</u> 1E	<u>EPOCH YEAR</u> 2020
<u>FACILITY</u> RNAV	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 5 OCTOBER 2023	<u>REQUIRED EFFECTIVE DATE</u> 10/5/2023	<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>
ANX VORTAC		WOTUR		TF	FB	1.00	316.29	9.53	3700
WOTUR	IAF	CEVKO		TF	FB	1.00	295.09	7.00	3700
AYOCI	IAF	CEVKO		TF	FB	1.00	164.62	8.59	3700
CEVKO	IF	OKTUE		TF	FB	1.00	225.92	7.00	2600
OKTUE	FAF	WOWTA/1.30 NM TO FISGO		TF	FB	0.30	225.85	3.21	
WOWTA/1.30 NM TO FISGO		FISGO	MAP	TF	FO	0.30	225.85	1.30	
FISGO	MAP	1157 MSL		CA			225.85		
1157 MSL		HOTVA		DF	FB	1.00			
HOTVA		ZADGU		TF	FB	1.00	169.00	8.00	
ZADGU		ULKEC		TF	FB	1.00	091.32	10.00	
ULKEC		ANX VORTAC		TF	FO	1.00	053.04	17.99	3700

MISSED APPROACH

MAP:

LP: FISGO
 LNAV: FISGO

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 3700 DIRECT HOTVA AND ON TRACK 169.00 TO ZADGU AND ON TRACK 091.32 TO ULKEC AND ON TRACK 053.04 TO ANX VORTAC AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:

QUALITY
16
CHECKED

PROFILE:

1. PT

SIDE OF COURSE

OUTBOUND

FT WITHIN

MILES OF

(IAF)

2. PROFILE STARTS AT CEVKO

3. FAF: 225.85FAF: OKTUEDIST FAF TO MAP: 4.51DIST FAF TO THLD: 5.00

4. MIN ALT:CEVKO 3700, OKTUE 2600, WOWTA/1.30 NM TO FISGO 1440

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

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

7. GP ANGLE:34:1: IS NOT CLEAR20:1: IS NOT CLEARTCH:

8. MSA FROM: FISGO 3100

PBN REQUIREMENTS NOTE:

RNP APCH - GPS.

NOTES:

CHART NOTE: RWY 22 HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED.
CHART NOTE: STRAIGHT-IN RWY 22 AT NIGHT, OPERATIONAL VGSI REQUIRED, REMAIN AT OR ABOVE VGSI GLIDEPATH UNTIL THRESHOLD.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVAL AT AYOCI ON V502 NORTHEAST BOUND AND FOR ARRIVAL ON ANX AIRWAY RADIALS 236 CW 041.

ADDITIONAL FLIGHT DATA:

CHART PLANVIEW NOTE: FAC OFFSET 8.37 DEGREES.
FICTICIOUS THRESHOLD POINT (CFCHT) DO NOT CHART
HOLD SE, RT, 334.93 INBOUND.
CHART FAS OBST: 964 TRANSMISSION_LINE (29-024289) 390908N/0943406W, 899 STACK 390831N/0943418W.
1170 AAO 391105N/0941105W, 1150 AAO 391110N/0943122W.
WAAS CHANNEL # 40327
REFERENCE PATH ID: W22A
FAC CROSSES RWY C/L EXTENDED 2994 FT FROM THLD.
OKTUE TO RW22: 3.39/57.
FTP HAE: 194 M

MINIMUMS:

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

ALTERNATE: NA ☐ STANDARD

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
LP MDA	1160	1	416	1160	1	416	1160	1 1/8	416		NA				
LNAV MDA	1260	1	516	1260	1	516	1260	1 3/8	516		NA				



CHANGES - REASONS

1. CHANGED PROCEDURE NAME FROM RNAV GPS RWY 21 TO RNAV GPS RWY 22 AND CHANGED ALL REFERENCE OF RWY 21 TO 22 - RWY RENUMBERED.
2. ADDED PBN REQUIREMENTS NOTE RNP APCH - GPS - IAW 8260.19I PARA 8-6-8.B.(2).
3. REMOVED DME/DME RNP 0.3 - IAW 8260.19I PARA 1-1-5.F.(18).
4. CHANGED NOTE FROM CIRCLING CAT D NA RWY 3 TO CIRCLING CAT D NA TO RWY 4 - RWY RENUMBERED.
5. CHANGED NOTE FROM RWY 21 HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED TO RWY 22 HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED - RWY RENUMBERED.
6. CHANGED NOTE FROM CIRCLING TO RWY 21 NA TO CIRCLING NA TO RWY 22 - RWY RENUMBERED.
7. CHANGED NOTE FROM STRAIGHT-IN RWY 21 AT NIGHT, OPERATIONAL VGSI REQUIRED, REMAIN AT OR ABOVE VGSI GLIDEPATH UNTIL THRESHOLD TO STRAIGHT-IN RWY 22 AT NIGHT, OPERATIONAL VGSI REQUIRED, REMAIN AT OR ABOVE VGSI GLIDEPATH UNTIL THRESHOLD - RWY RENUMBERED.
8. CHANGED ADDITIONAL FLIGHT DATA NOTE FROM CHART PLANVIEW NOTE: FAC OFFSET 8.41 DEGREES TO FAC OFFSET 8.37 DEGREES - UPDATED EVALUATION, FIX POSITIONS UNCHANGED.
9. CHANGED DOCUMENTED FAS OBSTACLE NAME FROM T-L TWR TO TRANSMISSION LINE (29-024289) IN ADDITIONAL FLIGHT DATA.
10. CHANGED FAC CROSSES RWY C/L EXTENDED 2997 FT FROM THLD TO FAC CROSSES RWY C/L EXTENDED 2994 FT FROM THLD - UPDATED EVALUATION.
11. CHANGED FTP HAE: 194.2 M TO 194 M - UPDATED EVALUATION.
12. ADDED 20:1 IS NOT CLEAR - 20:1 SURFACE IS NOT CLEAR.
13. CRC REMAINDER CHANGE FROM 8DB90E7E TO DFCDAEC6 - LTP/FTP ELLIPSODIAL HEIGHT CHANGE.
14. CHANGED PLANVIEW NOTE FROM PROCEDURE NA FOR ARRIVAL AT AYOCI ON V502 NORTHEAST BOUND AND FOR ARRIVAL ON ANX AIRWAY RADIALS 235 CW 358 TO PROCEDURE NA FOR ARRIVAL AT AYOCI ON V502 NORTHEAST BOUND AND FOR ARRIVAL ON ANX AIRWAY RADIALS 236 CW 041 - UPDATED EXCLUDED RADIALS.
15. FAC 225.85 MAG REMAINED UNCHANGED, UPDATE TERMINAL ROUTES FROM FAF TO CA LEG FROM 225.82 TO 225.85 - CORRECTED ADMINISTRATIVE ERROR.
16. REMOVED CIRCLING LINES OF MINIMA AND THE ASSOCIATED NOTES CIRCLING NA E OF RWY 1-19, CIRCLING CAT D NA TO RWY 4, CIRCLING NA TO RWY 22.

COORDINATED WITH:

A4A ☒ **ALPA** ☒ **AOPA** ☒ **APA** ☒ **HAI** ☐ **NBAA** ☒ **OTHER:** ZKC, MCI APP/DEP CON, MKC ATCT, AMGR

FLIGHT CHECKED BY

PENDING

Digitally signed by

CASIMIR L TABAKA

May 18, 2023

OFFICE

FIOG

DATE

DEVELOPED BY

GUY COPELAND

Digitally signed by

CASIMIR L TABAKA

Digitally signed by

May 18, 2023

OFFICE

AJV-A433

DATE

04/10/2023

APPROVED BY

JOHNNIE BAKER

CASIMIR L TABAKA

May 18, 2023

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	KMKC
RUNWAY	RW22
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W22A
LTP/FTP LATITUDE	390735.3400N
LTP/FTP LONGITUDE	0943523.9900W
LTP/FTP ELLIPSOIDAL HEIGHT	+01940
FPAP LATITUDE	390634.2500N
FPAP LONGITUDE	0943647.3900W
THRESHOLD CROSSING HEIGHT (TCH)	00057.0
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.39
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	0000
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	00.0
CRC REMAINDER	DFCDAEC6

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K3
LTP ORTHOMETRIC HEIGHT	+02266
FPAP ORTHOMETRIC HEIGHT	+02266

