

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> KSUS	<u>PROCEDURE NAME</u> RNAV (GPS) RWY 26R	<u>ORIGINAL/AMENDMENT</u> 1B	<u>CITY</u> ST LOUIS	<u>STATE</u> MO		
<u>AIRPORT ELEVATION</u> 463	<u>TDZE</u> 463	<u>SUPERSEDED</u> RNAV (GPS) RWY 26R	<u>ORIGINAL/AMENDMENT</u> 1A	<u>DATED</u> 10/06/2022	<u>MAG VAR</u> 1W	<u>EPOCH YEAR</u> 2020
<u>FACILITY</u> RNAV	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 25 JANUARY 2024	<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>
FASHE		CSX DME		TF	FB	1.00	192.65	23.31	4000
CSX DME	IAF	KORNN	NOPT	TF	FB	1.00	225.83	4.07	4000
EMKAA	IAF	KORNN	NOPT	TF	FB	1.00	344.00	7.04	4000
KORNN	IF/IAF	PAMUW		TF	FB	1.00	259.23	6.72	2100
PAMUW	FAF	RW26R	MAP	TF	FO	0.30	259.15	4.28	
RW26R	MAP	755 MSL		CA			259.15		
755 MSL		EXESS		DF	FO	1.00			3000

MISSED APPROACH

MAP:

LPV: DA
 LNAV/VNAV: DA
 LNAV: RW26R

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 3000 DIRECT EXESS AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:



PROFILE:

1. PT

SIDE OF COURSE

OUTBOUND

FT WITHIN

MILES OF

(IAF)

2. HOLD E KORNN, RT, 259.23 INBOUND, 4000 FT. IN LIEU OF PT (IAF), MAX 6000.

3. FAC: 259.15FAF: PAMUWDIST FAF TO MAP: 4.28DIST FAF TO THLD: 4.28

4. MIN ALT: KORNN 4000, PAMUW 2100

5. DIST TO THLD FROM OM:MM:IM:150 HAT:292 HAT: 0.66GS ANT:

6. MIN GP INCPT: 2100GP ALT AT PFAF : PAMUW 2100OM:MM:IM:

7. GP ANGLE: 3.5034:1: IS NOT CLEAR20:1: IS CLEARTCH: 47.4

8. MSA FROM: RW26R 3100

PBN REQUIREMENTS NOTE:

RNP APCH - GPS.

NOTES:

CHART NOTE: BARO-VNAV AND VDP NA WHEN USING ST LOUIS LAMBERT INTL ALTIMETER SETTING.
CHART NOTE: RWY 26R HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED.
CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -18°C OR ABOVE 54°C.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT FASHE ON V9 NORTHEAST BOUND.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT EMKAA ON V88 SOUTHWEST BOUND.
CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE ST LOUIS LAMBERT INTL ALTIMETER SETTING: INCREASE LPV DA TO 798 FEET AND ALL VISIBILITIES 1/8 SM, INCREASE LNAV/VNAV DA TO 823 FEET AND ALL VISIBILITIES 1/8 SM; INCREASE ALL MDAS 60 FEET.

ADDITIONAL FLIGHT DATA:

HOLD W, RT, 078.93 INBOUND.
FAS OBST: 685 AAO 384113N/0903423W.
CHART VDP AT 1.15 NM TO RW26R.
WAAS CHANNEL # 97414
REFERENCE PATH ID: W26A
LTP HAE: 109.9 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	755	7/8	292	755	7/8	292		NA			NA				
LNAV/VNAV DA	780	7/8	317	780	7/8	317		NA			NA				
LNAV MDA	940	1	477	940	1	477		NA			NA				
CIRCLING	1100	1	637	1140	1	677		NA			NA				



CHANGES - REASONS

1. INCORPORATED CHANGES FROM P-NOTAM FOR AMDT 1A INTO FORM - IAW 8260.19I PARA 8-3-4.C (3).
2. TERMINAL ROUTES: UPDATED CA LEG FROM "713 MSL" TO "755 MSL" - LPV DA CHANGED DUE TO NEW CONTROLLING OBSTACLE.
3. TERMINAL ROUTES: UPDATED DF LEG FROM "713 MSL" TO "755 MSL" - LPV DA CHANGED DUE TO NEW CONTROLLING OBSTACLE.
4. PROFILE LINE 3: UPDATED FAC FROM 259.16 TO 259.15 - UPDATED EVALUATION.
5. PROFILE LINE 5: CHANGED HAT INFORMATION FROM "250 HAT: 0.54" TO "292 HAT: 0.66" - NEW OBSTACLE EVALUATION RESULTED IN INCREASED LPV MINIMUMS.
6. NOTES: UPDATED CHART PLANVIEW NOTE: "PROCEDURE NA FOR ARRIVALS AT FASHE ON V9 NORTHEASTBOUND AND ARRIVALS AT EMKAA ON V9-335 SOUTHEASTBOUND" TO "PROCEDURE NA FOR ARRIVALS AT FASHE ON V9 NORTHEAST BOUND" - SEPERATED NOTES FOR CHARTING.
7. NOTES: UPDATED CHART PLANVIEW NOTE: "PROCEDURE NA FOR ARRIVALS AT FASHE ON V9 NORTHEASTBOUND AND ARRIVALS AT EMKAA ON V9-335 SOUTHEASTBOUND" TO "PROCEDURE NA FOR ARRIVAL AT EMKAA ON V88 SOUTHWEST BOUND - UPDATED AIRWAY INFORMATION/SEPERATED FOR CHARTING.
8. NOTES: UPDATED CHART NOTE: "VDP AND BARO-VNAV NA WHEN USING ST LOUIS LAMBERT INTL ALTIMETER SETTING" TO "BARO-VNAV AND VDP NA WHEN USING ST LOUIS LAMBERT INTL ALTIMETER SETTING" - FORMAT UPDATE.
9. NOTES: UPDATED CHART NOTE: "WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE ST LOUIS LAMBERT INTL ALTIMETER SETTING AND INCREASE LPV DA TO 768 FEET, LNAV/VNAV DA TO 834 FEET, AND ALL MDA 60 FEET, INCREASE LPV AND LNAV/VNAV ALL CATS VISIBILITY 1/8 SM" TO "WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE ST LOUIS LAMBERT INTL ALTIMETER SETTING AND INCREASE: LPV DA TO 798 FEET AND ALL VISIBILITY 1/8 SM, INCREASE LNAV/VNAV DA TO 823 FEET AND ALL VISIBILITY 1/8 SM; AND INCREASE ALL MDA 60 FEET".
10. ADDITIONAL FLIGHT DATA: REMOVED ASTERICK FROM "CHART VDP AT 1.15 NM TO RW26R" CHANGE TO "1.15 NM TO RW26R" - NO LONGER REQUIRED.
11. ADDITIONAL FLIGHT DATA: REMOVED "*LNAV ONLY" - NO LONGER REQUIRED.
12. MINIMUMS: LPV DA/HAA INCREASED FROM "713/250" TO "755/292" AND VISIBILITY CATS A/B FROM "3/4" TO "7/8" - NEW CONTROLLING OBSTACLE.
13. FAS DATA: CRC REMAINDER CHANGED FROM " F5138BAC " TO "34C240C6" - FPAP LAT/LONG UPDATED FROM " 383942.6900N / 0904055.4400W " TO "383942.6815N//0904055.4450W".

COORDINATED WITH:

AAA ☒ **ALPA** ☒ **AOPA** ☒ **APA** ☐ **HAI** ☐ **NBAA** ☒ **OTHER:** STL APP CON, SUS ATCT, AMGR

FLIGHT CHECKED BY

GLEN B FREEMAN

Digitally signed by

JASON KRETSCHMER

Oct 02, 2023

OFFICE

FPO

DATE

09/27/2023

DEVELOPED BY

JASON KRETSCHMER (MATTHEW W.TOWNSEND)

Digitally signed by

JASON KRETSCHMER

Oct 02, 2023

OFFICE

AJV-A421

DATE

06/23/2023

APPROVED BY

JASON KRETSCHMER

Digitally signed by

JASON KRETSCHMER

Oct 02, 2023

OFFICE

AJV-A421

DATE

11/30/2023

TITLE

MANAGER

FAS DATA BLOCK INFORMATION

<u>DATA FIELD</u>	<u>DATA</u>
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KSUS
RUNWAY	RW26R
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W26A
LTP/FTP LATITUDE	384001.1100N
LTP/FTP LONGITUDE	0903904.1425W
LTP/FTP ELLIPSOIDAL HEIGHT	+01099
FPAP LATITUDE	383942.6815N
FPAP LONGITUDE	0904055.4450W
THRESHOLD CROSSING HEIGHT (TCH)	00047.4
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.50
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	1224
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0
CRC REMAINDER	34C240C6

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K3
LTP ORTHOMETRIC HEIGHT	+01412
FPAP ORTHOMETRIC HEIGHT	+01412

