

**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.

AIRPORT ID K82	PROCEDURE NAME RNAV (GPS) RWY 14	ORIGINAL/AMENDMENT ORIG-E	CITY SMITH CENTER	STATE KS
AIRPORT ELEVATION 1800	TDZE 1798	SUPERSEDED RNAV (GPS) RWY 14	DATED 07/14/2022	MAG VAR 7E
FACILITY RNAV	COORDINATES OF FACILITIES	ACTUAL EFFECTIVE DATE 20 FEBRUARY 2025	REQUIRED EFFECTIVE DATE ROUTINE	EPOCH YEAR 2000
			CANCEL/SUSPEND	

TAA

FROM	FIX TYPE	TO	FIX TYPE	ALTITUDE
1. 053/30 CW 233/30	NOPT	LAYIP	IF/IAF	3900
2. 233/30 CW 053/30		LAYIP	IF/IAF	3900

TERMINAL ROUTES

FROM	FIX TYPE	TO	FIX TYPE	LEG TYPE	FO/FB	RNP	COURSE	DISTANCE	ALTITUDE
LAYIP	IF/IAF	WONID		TF	FB	1.00	143.28	6.17	3700
WONID	FAF	RW14	MAP	TF	FO	0.30	143.31	5.89	
RW14	MAP	1998 MSL		CA			143.31		
1998 MSL		JUXUL		DF	FO	1.00			3700

MISSED APPROACH

MAP:

LPV: DA
LNAV/VNAV: DA
LNAV: RW14

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 3700 DIRECT JUXUL AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:

PROFILE:

- PT SIDE OF COURSE OUTBOUND FT WITHIN MILES OF (IAF)
- HOLD NW LAYIP, LT, 143.28 INBOUND, 3900 FT. IN LIEU OF PT (IAF), MAX 6000.
- FAC: 143.31 FAF: WONID DIST FAF TO MAP: 5.89 DIST FAF TO THLD: 5.89
- MIN ALT: LAYIP 3900, WONID 3700
- DIST TO THLD FROM OM: MM: IM: 150 HAT: 200 HAT: 0.54 GS ANT: IM:
- MIN GP INCPT: 3700 GP ALT AT PFAF: WONID 3700 OM: MM:
- GP ANGLE: 3.00 34:1: IS CLEAR 20:1: IS CLEAR TCH: 40.0
- MSA FROM:



PBN REQUIREMENTS NOTE:

RNP APCH - GPS.

NOTES:

CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -18°C OR ABOVE 54°C.
CHART NOTE: BARO-VNAV AND VDP NA WHEN USING CNK ALTIMETER SETTING.
CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE CNK ALTIMETER SETTING: INCREASE LPV DA TO 2172 FEET; INCREASE LNAV/VNAV DA TO 2250 AND ALL VISIBILITIES 3/8 SM; INCREASE ALL MDAS 180 FEET AND CIRCLING ALL CATS VISIBILITY 1/2 SM.

ADDITIONAL FLIGHT DATA:

HOLD SE, LT, 323.43 INBOUND.
FAS OBST: 2054 AAO 395021N/0985012W.
CHART VDP AT 1.55 NM TO RW14.
WAAS CHANNEL # 78335
REFERENCE PATH ID: W14A
CHART CIRCLING ICON.
LTP HAE: 518.4 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												
LPV DA	1998	1	200	1998	1	200		NA			NA					
LNAV/VNAV DA	2076	1	278	2076	1	278		NA			NA					
LNAV MDA	2320	1	522	2320	1	522		NA			NA					
CIRCLING	2480	1	680	2580	1	780		NA			NA					

CHANGES - REASONS

- INCORPORATED CHANGES FROM P-NOTAM AMDTS ORIG-A, ORIG-B, ORIG-C, AND ORIG-D INTO FORM. - IAW 8260.19J 8-3-4 C(3).
- ADDED "MAX 6000" IN PROFILE LINE 2 - IAW 8260.19J 8-6-7 B(2).
- PROFILE LINE 5: UPDATED "200 HAT: 0.50" TO "200 HAT: 0.54" - RELOCATED FROM ADDITIONAL FLIGHT DATA, RECALCULATED UTILIZING THRE IAW 8260.3F FORMULA 3-2-2.
- PROFILE LINE 7: ADDED 20:1: IS CLEAR - NO 20:1 PENETRATIONS PRESENT IAW 8260.19J 8-6-7 G(3).
- NOTES: REMOVED "CHART NOTE: CIRCLING RWY 36 NA AT NIGHT" - RWY 36 HAS BEEN DECOMMISSIONED.
- NOTES: UPDATED FROM "CHART NOTE: BARO-VNAV AND VDP NA WITH CONCORDIA ALTIMETER SETTING" TO "CHART NOTE: BARO-VNAV AND VDP NA WHEN USING CNK ALTIMETER SETTING" - IAW 8260.19J 8-6-10 E(8).
- NOTES: UPDATED BACKUP ALTIMETER NOTE FROM "WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE CONCORDIA ALTIMETER SETTING AND INCREASE ALL DA 169 FEET AND ALL MDA 180 FEET; INCREASE LPV ALL CATS VISIBILITY 1/4 SM, LNAV/VNAV ALL CATS VISIBILITY 1/2 SM, CIRCLING CAT A VISIBILITY 1/4 SM AND CIRCLING CAT B VISIBILITY 1/2 SM" TO "WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE CNK ALTIMETER SETTING: INCREASE LPV DA TO 2172 FEET; INCREASE LNAV/VNAV DA TO 2250 AND ALL VISIBILITIES 3/8 SM; INCREASE ALL MDAS 180 FEET AND CIRCLING ALL CATS VISIBILITY 1/2 SM" - IAW 8260.19J 8-6-10 F(4) AND IAW 8260.3F TABLE 3-3-1, AND TABLE 3-3-7.
- ADDITIONAL FLIGHT DATA: REMOVED "2103 AAO 395143N0985038W" - 7:1 INFORMATION NOW LOCATED IN PART C: GENERAL REMARKS.
- ADDITIONAL FLIGHT DATA: UPDATED FROM "CHART VDP AT 1.55 MILES FROM RW14*" TO "CHART VDP AT 1.55 NM TO RW14" AND REMOVED "*"LNAV ONLY" - IAW 8260.19J 8-6-11 M(2); *LNAV ONLY NO LONGER REQUIRED BY CURRENT CRITERIA.
- MINIMUMS: ALTERNATE: UPDATED FROM "STANDARD" TO "STANDARD- NA WHEN LOCAL WEATHER NOT AVAILABLE" - IAW 8260.19I 8-6-12 B(4).
- FAS DATA BLOCK: CRC REMAINDER UPDATED FROM "54F29D90" TO "DA7A9E51" - FPAP LAT/LONG UPDATED FROM "394449.4060N/0984658.7605W" TO "394449.4050N/0984658.7630W".
- ADDITIONAL FLIGHT DATA: UPDATED FAS OBSTACLE FROM "FAS OBST: 2070 AAO 395009N10985025W" TO "FAS OBST: 2054 AAO 395021N/0985012W" - EVALUATION IDENTIFIED NEW AAO, IAW 8260.19J 8-6-11.C.



AIRPORT ID
K82

PROCEDURE NAME
RNAV (GPS) RWY 14

ORIGINAL/AMENDMENT
ORIG-E

CITY
SMITH CENTER

STATE
KS

COORDINATED WITH:

A4A **ALPA** **AOPA** **APA** **HAI** **NBAA**

OTHER: ZMP, AMGR, KS STATE AERO

FLIGHT CHECKED BY

LOGAN J SMITH

Digitally signed by

DAVID DANNER

Dec 05, 2024

OFFICE

AJF

DATE

11/14/2024

DEVELOPED BY

DAVID DANNER (GEORGE H. TYLER)

Digitally signed by

DAVID DANNER

Dec 05, 2024

OFFICE

AJV-A421

DATE

07/18/2024

APPROVED BY

DAVID DANNER

Digitally signed by

DAVID DANNER

Dec 05, 2024

OFFICE

AJV-A421

DATE

02/20/2025

TITLE

MANAGER

FAS DATA BLOCK INFORMATION

DATA FIELD

OPERATION TYPE
SBAS SERVICE PROVIDER IDENTIFIER
AIRPORT IDENTIFIER
RUNWAY
APPROACH PERFORMANCE DESIGNATOR
ROUTE INDICATOR
REFERENCE PATH DATA SELECTOR
REFERENCE PATH IDENTIFIER (APPROACH ID)
LTP/FTP LATITUDE
LTP/FTP LONGITUDE
LTP/FTP ELLIPSOIDAL HEIGHT
FPAP LATITUDE
FPAP LONGITUDE
THRESHOLD CROSSING HEIGHT (TCH)
TCH UNITS SELECTOR (METERS OR FEET USED)
GLIDEPATH ANGLE (GPA)
COURSE WIDTH AT THRESHOLD
LENGTH OFFSET
HORIZONTAL ALERT LIMIT (HAL)
VERTICAL ALERT LIMIT (VAL)

DATA

0
0
K82
RW14
0
0
W14A
394606.9060N
0984755.9070W
+05184
394449.4050N
0984658.7630W
00040.0
F
03.00
106.75
1408
40.0
35.0

CRC REMAINDER

DA7A9E51

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE
LTP ORTHOMETRIC HEIGHT
FPAP ORTHOMETRIC HEIGHT

K3
+05443
+05443

