

**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.

<b>AIRPORT ID</b> K82	<b>PROCEDURE NAME</b> RNAV (GPS) RWY 32	<b>ORIGINAL/AMENDMENT</b> ORIG-E	<b>CITY</b> SMITH CENTER	<b>STATE</b> KS
<b>AIRPORT ELEVATION</b> 1800	<b>TDZE</b> 1800	<b>SUPERSEDED</b> RNAV (GPS) RWY 32	<b>DATED</b> 07/14/2022	<b>MAG VAR</b> 7E
<b>FACILITY</b> RNAV	<b>COORDINATES OF FACILITIES</b>	<b>ACTUAL EFFECTIVE DATE</b> 20 FEBRUARY 2025	<b>REQUIRED EFFECTIVE DATE</b> ROUTINE	<b>EPOCH YEAR</b> 2000
			<b>CANCEL/SUSPEND</b>	

**TAA**

FROM	FIX TYPE	TO	FIX TYPE	ALTITUDE
1. 233/30 CW 053/30	NOPT	JUXUL	IF/IAF	3700
2. 053/30 CW 233/30		JUXUL	IF/IAF	3700

**TERMINAL ROUTES**

FROM	FIX TYPE	TO	FIX TYPE	LEG TYPE	FO/FB	RNP	COURSE	DISTANCE	ALTITUDE
JUXUL	IF/IAF	WULOS		TF	FB	1.00	323.43	6.53	3600
WULOS	FAF	RW32	MAP	TF	FO	0.30	323.40	5.53	
RW32	MAP	2000 MSL		CA			323.40		
2000 MSL		LAYIP		DF	FO	1.00			3900

**MISSED APPROACH**

**MAP:**

LPV: DA  
LNAV/VNAV: DA  
LNAV: RW32

**MISSED APPROACH INSTRUCTIONS:**

CLIMB TO 3900 DIRECT LAYIP AND HOLD.

**ALTERNATE MISSED APPROACH INSTRUCTIONS:**

**PROFILE:**

- PT SIDE OF COURSE OUTBOUND FT WITHIN MILES OF (IAF)
2. HAT SE JUXUL, LT, 323.43 INBOUND, 3700 FT. IN LIEU OF PT (IAF), MAX 6000.
3. FAC: 323.40 FAF: WULOS DIST FAF TO MAP: 5.53 DIST FAF TO THLD: 5.53
4. MIN ALT: JUXUL 3700, WULOS 3600
5. DIST TO THLD FROM OM: MM: IM: 150 HAT: 200 HAT: 0.50 GS ANT: MM: IM:
6. MIN GP INCPT: 3600 GP ALT AT PFAF: WULOS 3600
7. GP ANGLE: 3.00 34:1: IS CLEAR 20:1: IS CLEAR TCH: 40.0
8. MSA FROM:



**PBN REQUIREMENTS NOTE:**

RNP APCH - GPS.

**NOTES:**

CHART NOTE: BARO-VNAV AND VDP NA WHEN USING CNK ALTIMETER SETTING.  
 CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -18°C OR ABOVE 54°C.  
 CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE CNK ALTIMETER SETTING: INCREASE LPV DA TO 2174 FEET; INCREASE LNAV/VNAV DA TO 2224 FEET AND ALL VISIBILITIES 1/4 SM; INCREASE ALL MDAS 180 FEET, AND CIRCLING ALL VISIBILITIES 1/2 SM.

**ADDITIONAL FLIGHT DATA:**

HOLD NW, LT, 143.28 INBOUND.  
 FAS OBST: 2025 AAO 394057N/0984242W.  
 CHART VDP AT 1.44 NM TO RW32.  
 WAAS CHANNEL # 63135  
 REFERENCE PATH ID: W32A  
 CHART CIRCLING ICON.  
 LTP HAE: 522.5 M

**MINIMUMS:**

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

**ALTERNATE:** NA  STANDARD - NA WHEN LOCAL WEATHER NOT AVAILABLE.

<b>CATEGORY:</b>	<b>A</b>			<b>B</b>			<b>C</b>			<b>D</b>			<b>E</b>		
<b>FINAL TYPE</b>	<b>DA/MDA</b>	<b>VIS</b>	<b>HAT/HAA</b>												
LPV DA	2000	1	200	2000	1	200		NA			NA				
LNAV/VNAV DA	2050	1	250	2050	1	250		NA			NA				
LNAV MDA	2300	1	500	2300	1	500		NA			NA				
CIRCLING	2480	1	680	2580	1	780		NA			NA				

**CHANGES - REASONS**

- INCORPORATED CHANGES FROM P-NOTAMS FOR ORIG A-D INTO FORM – IAW 8260-19J, 8-3-4.C(3).
- PROFILE LINE 2: ADDED "MAX 6000" - IAW 8260.19J, 8-6-7.B(2).
- PROFILE LINE 5: ADDED 200 HAT: 0.50 - RELOCATED FROM ADDITIONAL FLIGHT DATA IAW 8260.19J, 8-6-7.E(3).
- 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/ABANDONED.
- NOTES: CHANGED CHART 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 2174 FEET; INCREASE LNAV/VNAV DA TO 2224 FEET AND ALL VISIBILITIES 1/4 SM; INCREASE ALL MDAS 180 FEET, AND CIRCLING ALL VISIBILITIES 1/2 SM." – DUE TO NEW VISIBILITY EVALUATION IAW 8260.19J 8-6-10 F(4) AND IAW 8260.3F TABLE 3-3-1, AND TABLE 3-3-7.
- NOTES: CHANGED CHART NOTE FROM "BARO-VNAV AND VDP NA WITH CONCORDIA ALTIMETER SETTING" TO " BARO-VNAV AND VDP NA WHEN USING CNK ALTIMETER SETTING" - IAW 8260.19J 8-6-10 E(8).
- ADDITIONAL FLIGHT DATA: UPDATED FROM "CHART VDP AT 1.44 MILES FROM RW32\*" TO "CHART VDP AT 1.44 NM TO RW32" 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: UPDATED CRC REMAINDER FROM "CA53AAA1" TO "69C66DA3" - FPAP LAT/LONG CHANGED FROM "394646.6175N/0984825.1965W" TO "394646.6150N/0984825.2020W".
- ADDITIONAL FLIGHT DATA: UPDATED FAS OBSTACLE FROM "FAS OBST: 2037 AAO 394139N/0984340W" TO "FAS OBST: 2025 AAO 394057N/0984242W" - EVALUATION IDENTIFIED NEW AAO, IAW 8260.19J 8-6-11.C.



**AIRPORT ID**  
K82

**PROCEDURE NAME**  
RNAV (GPS) RWY 32

**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**

*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**

09/18/2024

**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**

<u>DATA FIELD</u>	<u>DATA</u>
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	K82
RUNWAY	RW32
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W32A
LTP/FTP LATITUDE	394529.1180N
LTP/FTP LONGITUDE	0984728.0400W
LTP/FTP ELLIPSOIDAL HEIGHT	+05225
FPAP LATITUDE	394646.6150N
FPAP LONGITUDE	0984825.2020W
THRESHOLD CROSSING HEIGHT (TCH)	00040.0
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	1408
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	35.0
CRC REMAINDER	69C66DA3

**ADDITIONAL PATH POINT RECORD INFORMATION**

ICAO CODE	K3
LTP ORTHOMETRIC HEIGHT	+05485
FPAP ORTHOMETRIC HEIGHT	+05485

