

**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</u> GARDEN CITY RGNL	<u>AIRPORT ID</u> KGCK	<u>PROCEDURE NAME</u> RNAV (GPS) RWY 30	<u>ORIGINAL/AMENDMENT</u> ORIG-A	<u>CITY</u> GARDEN CITY	<u>STATE</u> KS	
<u>AIRPORT ELEVATION</u> 2891	<u>TDZE</u> 2885	<u>SUPERSEDED</u> RNAV (GPS) RWY 30	<u>ORIGINAL/AMENDMENT</u> ORIG	<u>DATED</u> 07/05/2007	<u>MAG VAR</u> 9E	<u>EPOCH YEAR</u> 1985
<u>FACILITY</u> RNAV	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 5 DECEMBER 2019	<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>
GCK VORTAC		ORECA		TF	FO	1.00	125.32	11.46	4600
POKPE	IAF	ORECA	NOPT	TF	FB	1.00	236.19	13.34	4600
ZILCH	IAF	ORECA	NOPT	TF	FB	1.00	019.52	5.50	4600
ORECA	IF/IAF	LULYI		TF	FB	1.00	306.52	6.11	4600
LULYI	FAF	RW30	MAP	TF	FO	0.30	306.47	5.19	
RW30	MAP	3135 MSL		CA			306.47		
3135 MSL		RRGE		DF	FO	1.00			4500

**MISSED APPROACH**

**MAP:**

LPV: DA  
LNAV/VNAV: DA  
LNAV: RW30

**MISSED APPROACH INSTRUCTIONS:**

CLIMB TO 4500 DIRECT RERGE AND HOLD.

**ALTERNATE MISSED APPROACH INSTRUCTIONS:**



PROFILE:

1. PT

SIDE OF COURSE

OUTBOUND

FT WITHIN

MILES OF (IAF)

2. HOLD SE ORECA, RT, 306.52 INBOUND, 4600 FT. IN LIEU OF PT (IAF), MAX 6000.

3. FAC: 306.47FAF: LULYIDIST FAF TO MAP: 5.19DIST FAF TO THLD: 5.19

4. MIN ALT: ORECA 4600, LULYI 4600

5. DIST TO THLD FROM OM:MM:IM:150 HAT:250 HAT: 0.67GS ANT:

6. MIN GP INCPT: 4600GP ALT AT FAF : LULYIOM:MM:IM:

7. GP ANGLE: 3.0034:1: IS CLEAR20:1: IS CLEARTCH: 45.0

8. MSA FROM: RW30 5000

PBN REQUIREMENTS NOTE:

RNP APCH.

NOTES:

CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -20°C OR ABOVE 43°C.

ADDITIONAL FLIGHT DATA:

\*LNAV ONLY  
CHART VDP AT 1.18 NM TO RW30\*  
WAAS CHANNEL #86703  
REFERENCE PATH ID: W30A  
CHART FAS OBST: 2987 TOWER 375328N/1004102W.  
HOLD NW, RT, 126.31 INBOUND  
LTP HAE: 851.4 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	DA/MDA	VIS	HAT/HAA	DA/MDA	VIS	HAT/HAA	DA/MDA	VIS	HAT/HAA	DA/MDA	VIS	HAT/HAA
LPV DA	3135	1	250	3135	1	250	3135	1	250	3135	1	250			
LNAV/VNAV DA	3186	1	301	3186	1	301	3186	1	301	3186	1	301			
LNAV MDA	3300	1	415	3300	1	415	3300	1 1/4	415	3300	1 1/4	415			
CIRCLING	3320	1	429	3360	1	469	3480	1 1/2	589	3480	2	589			



1. RAISED CAT A CIRCLING FROM CMDA 3300/HAA 409 TO CMDA 3320/HAA 429 -NEW CTL OBST.
2. RAISED CAT C CIRCLING FROM CMDA 3360/HAA 469 TO CMDA 3480/HAA 589 - NEW CTL OBST.
3. RAISED CAT D CIRCLING FROM CMDA 3460/HAA 569 TO CMDA 3480/HAA 589 - NEW CTL OBST
4. CHANGED MSA RWY 30 25 NM FROM 4800 TO 5000 -NEW CTL OBST.
5. REPLACED CHART NOTE: DME/DME RNP-0.3 NA WITH RNP APCH AND MOVED TO PBN EQUIPMENT REQUIREMENTS NOTE SECTION - IAW 8260.19H PARA 8-6-8 (B)(1).
6. UPDATED BACK-UP ALTIMETER NOTE AND MOVED TO 8260-9 PART C, REMARKS - PRIMARY ALTIMETER SOURCE ON WMSCR, IAW 8260.19H PARA 8-6-9 (F).
7. REMOVED BACK-UP ALTIMETER NOTES TO -9 FOR CONTINGENCY - LOCAL WEATHER ON ASOS AND TRANSMITTED ON WMSCR.
8. CHANGED CHART NOTE FROM FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -20°C (-4°F) OR ABOVE 43°C (109°F) TO FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -20°C OR ABOVE 43°C -REMOVED (F) IAW 8260.19H
9. CRC REMAINDER CHANGED FROM 255044C5 TO 3BA737C8 - LTP/FTP AND FPAP LOCATIONS CHANGED
10. ADDED CHART NOTE: CHART CIRCLING ICON - IAW 8260.19H PARA 8-6-10.
11. ADDED CHART VDP AT 1.18 NM TO RW30\* AND \*LNAV ONLY TO ADDITIONAL FLIGHT DATA -20:1 PENETRATIONS REMOVED, VDP ESTABLISHED.
12. CHANGE CHART FAS OBST FROM 2989 TOWER TO 2987 TOWER, SAME LAT/LONG -UPDATED DATABASE.
13. REMOVED FAS OBST: 2926 TREE FROM ADDITIONAL FLIGHT DATA - ONLY NON-VERTICALLY GUIDED OBSTACLES ARE CHARTED AS FAS OBST.

A4A ☒ ALPA ☒ AOPA ☒ APA ☐ HAI ☐ NBAA ☒ OTHER: AMGR, GCK ATCT, ZKC, KS START AERO

7/26/19

03/11/2019

TITLE  
MANAGER

FAS DATA BLOCK INFORMATION

<u>DATA FIELD</u>	<u>DATA</u>
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KGCK
RUNWAY	RW30
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W30A
LTP/FTP LATITUDE	375511.0815N
LTP/FTP LONGITUDE	1004309.8705W
LTP/FTP ELLIPSOIDAL HEIGHT	+08514
FPAP LATITUDE	375614.6095N
FPAP LONGITUDE	1004428.9225W
THRESHOLD CROSSING HEIGHT (TCH)	00045.0
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	1016
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0
CRC REMAINDER	3BA737C8

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K3
LTP ORTHOMETRIC HEIGHT	+08770
FPAP ORTHOMETRIC HEIGHT	+08770

