

FEDERAL AVIATION ADMINISTRATION
FLIGHT STANDARDS SERVICE
ILS STANDARD INSTRUMENT APPROACH PROCEDURE
TITLE 14 CFR PART 97.29

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> KGCK	<u>PROCEDURE NAME</u> ILS OR LOC RWY 35	<u>ORIGINAL/AMENDMENT</u> 3	<u>CITY</u> GARDEN CITY	<u>STATE</u> KS		
<u>AIRPORT ELEVATION</u> 2891	<u>TDZE</u> 2885	<u>SUPERSEDED</u> ILS OR LOC RWY 35	<u>ORIGINAL/AMENDMENT</u> 2	<u>DATED</u> 12/05/2019	<u>MAG VAR</u> 5E	<u>EPOCH YEAR</u> 2025
<u>FACILITY</u> I-GCK	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 3 NOVEMBER 2022	<u>REQUIRED EFFECTIVE DATE</u> 11/03/2022	<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		PIEVE/GCK VORTAC 5.53 DME					168.43	5.53	4800
BJORN/GCK VORTAC 12.00 DME CCW	IAF	ADANN/GCK VORTAC 12.00 DME	NOPT				12.00 DME ARC (GCK LR-181)		5000
CAKTU/GCK VORTAC 12.00 DME CW	IAF	ADANN/GCK VORTAC 12.00 DME	NOPT				12.00 DME ARC (GCK LR-159)		5000
ADANN/GCK VORTAC 12.00 DME	IF	PIEVE/GCK VORTAC 5.53 DME					355.42	6.47	4700

MISSED APPROACH

MAP:

ILS: DA

LOC: 5.54 NM AFTER PIEVE/GCK VORTAC 5.53 DME OR AT GCK VORTAC 0.10 DME

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 4000 THEN CLIMBING RIGHT TURN TO 5000 ON GCK VORTAC R-086 TO CAKTU/GCK VORTAC 12.00 DME AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS (DO NOT CHART):

CLIMB TO 4000 THEN CLIMBING RIGHT TURN TO 4800 DIRECT GCK VORTAC AND HOLD, CONTINUE CLIMB-IN-HOLD TO 4800.

PROFILE:

1. PT	L	SIDE OF COURSE	175.42	OUTBOUND	4800	FT WITHIN	10	MILES OF	PIEVE (IAF)
2.									
3. FAC:	355.42	FAF: PIEVE/GCK VORTAC 5.53 DME				DIST FAF TO MAP: 5.54		DIST FAF TO THLD: 5.54	
4. MIN ALT:	PIEVE/GCK VORTAC 5.53 DME 4700, TELIC/GCK VORTAC 2.89 DME 3860								
5. DIST TO THLD FROM OM:	MM:		IM:		150 HAT:		GS ANT: 990		
6. MIN GS INCPT:	4700	GS ALT AT PFAF : PIEVE/GCK VORTAC 5.53 DME 4700				OM:		MM:	IM:
7. GS ANGLE:	3.00	34:1:		20:1:		TCH: 59.4			
8. MSA FROM:	GCK VORTAC 045-315 5000, 315-045 4400								

QUALITY
20
CHECKED

EQUIPMENT REQUIREMENTS NOTES:

DME REQUIRED.

NOTES:

CHART PROFILE NOTE: VGSI AND ILS GLIDEPATH NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET}).

CHART NOTE: FOR INOPERATIVE ALS, INCREASE S-LOC 35 CATS C/D VISIBILITY TO 7/8 SM.

ADDITIONAL FLIGHT DATA:

HOLD E, RT, 265.62 INBOUND.

CHART IN PLANVIEW: ALTERNATE MA HOLDING, HOLD N GCK VORTAC, LT, 172.00 INBOUND.

CHART FAS OBST: 2919 POLE (20-022592) 375509N/1004331W.

3015 AAO 375151N/1004327W.

CHART VDP AT 0.82 DME

DISTANCE VDP TO THLD 0.82 NM.

CHART IN PLANVIEW: GCK VORTAC.

CHART GCK R-270 AT BJORN.

CHART GCK R-086 AT CAKTU.

CHART CIRCLING ICON.

MINIMUMS:

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

ALTERNATE: NA ☐ ILS: STANDARD - NA WHEN LOCAL WEATHER NOT AVAILABLE.; LOC: STANDARD - NA WHEN LOCAL WEATHER NOT AVAILABLE.

<u>CATEGORY:</u>	<u>A</u>			<u>B</u>			<u>C</u>			<u>D</u>			<u>E</u>		
<u>FINAL TYPE</u>	<u>DA/MDA</u>	<u>VIS</u>	<u>HAT/HAA</u>	<u>DA/MDA</u>	<u>VIS</u>	<u>HAT/HAA</u>	<u>DA/MDA</u>	<u>VIS</u>	<u>HAT/HAA</u>	<u>DA/MDA</u>	<u>VIS</u>	<u>HAT/HAA</u>	<u>DA/MDA</u>	<u>VIS</u>	<u>HAT/HAA</u>
S-ILS 35	3085	1/2	200	3085	1/2	200	3085	1/2	200	3085	1/2	200			
S-LOC 35	3180	1/2	295	3180	1/2	295	3180	1/2	295	3180	1/2	295			
CIRCLING	3320	1	429	3360	1	469	3480	1 1/2	589	3480	2	589			

CHANGES - REASONS

1. REMOVED EQUIPMENT REQUIREMENTS NOTE ADF REQUIRED - PIEVE LOM DECOMMISSIONED.
2. ADDED EQUIPMENT REQUIREMENTS NOTE DME REQUIRED - MISSED APPROACH REQUIRES DME.
3. CHANGED MISSED APPROACH INSTRUCTIONS FROM: "CLIMB TO 4000 THEN CLIMBING RIGHT TURN TO 4800 DIRECT PIEVE LOM/GCK 5.41 DME AND HOLD." TO "CLIMB TO 4000 THEN CLIMBING RIGHT TURN TO 5000 ON GCK VORTAC R-086 TO CAKTU/GCK VORTAC 12.00 DME CAKTU/GCK VORTAC 12.00 DME AND HOLD." - CFPT REQUESTED CHANGE DUE TO PIEVE LOM DECOMMISSIONED.
4. CHANGED CHART NOTE FROM "FOR INOP ALS, INCREASE TELIC FIX MINIMUMS S-LOC 35 CAT C/D VISIBILITY TO 7/8 SM" TO "FOR INOPERATIVE ALS, INCREASE S-LOC 35 CATS C/D VISIBILITY TO 7/8 SM". - DME IS REQUIRED TO FLY THIS APPROACH, STEP-DOWN FIX TELIC MINIMUMS ARE THE ONLY S-LOC 35 MINIMA, INOP TABLE DIFFERS FROM FAAO 8260.3, VISIBILITY TABLE 3-3-1.
5. REMOVED HEADING "TELIC MINIMUMS (DME REQUIRED)" ABOVE S-LOC 35 AND CIRCLING LINES OF MINIMA AND REMOVED NON TELIC S-LOC 35 AND CIRCLING LINES OF MINIMA - DME IS REQUIRED TO FLY THIS APPROACH, STEP-DOWN FIX TELIC MINIMUMS ARE THE ONLY S-LOC 35 AND CIRCLING MINIMUMS.
6. REMOVED CHART PROFILE VIEW GC LOM - PIEVE LOM DECOMMISSIONED.
7. CHANGED ALL REFERENCES OF GC PIEVE LOM TO PIEVE - PIEVE LOM DECOMMISSIONED.
8. REMOVED 4685 FAF ALTITUDE FROM PROFILE VIEW - PFAF AND FAF NOW CO-LOCATED AT FIX PIEVE.
9. CHANGED MAG VAR FROM 9E TO 5E - MAGVAR ROTATION FROM E9/EPOCH YEAR 1985 TO E5/EPOCH YEAR 2025.
10. CHANGED MSA CENTER FROM "GC 135-225 4400; 225-135 5000" TO "GCK VORTAC 045-315 5000; 315-045 4400" - PIEVE LOM DECOM, AIRPORT AND I-GCK MAGVAR UPDATE.
11. CHANGED TERMINAL ROUTE FROM "GCK VORTAC TO PIEVE LOM TO GCK VORTAC" TO "GCK VORTAC TO PIEVE/I-GCK 5.53 DME"; CHANGED COURSE FROM 168.58 TO 168.43; AND CHANGED DISTANCE FROM 5.41 TO 5.53 - PIEVE LOM DECOMMISSIONED; COURSE CHANGED FROM PIEVE LOM PHYSICAL LOCATION VICE ABEAM LOCATION ON LOCALIZER COURSE TO TARGETS CALCULATED PFAF, PIEVE, MOVED 704 FT SOUTH.
12. CHANGED TERMINAL ROUTE FROM "ADANN/I-GCK 12.00 DME TO PIEVE LOM" TO "ADANN/I-GCK 12.00 DME TO PIEVE/I-GCK 5.53 DME"; CHANGED COURSE FROM 351.42 TO 355.42; AND CHANGED DISTANCE FROM 6.59 TO 6.47 - TARGETS CALCULATED NEW PFAF, PIEVE/I-GCK 5.53 DME, REPLACED DECOMMISSIONING PIEVE LOM; MAGVAR ROTATION FROM E9/EPOCH YEAR 1985 TO E5/EPOCH YEAR 2025; TARGETS CALCULATED PFAF MOVED 704 FT SOUTH.
13. REMOVED "LOC ONLY" FROM ADDITIONAL FLIGHT DATA - NO LONGER REQUIRED.
14. CHANGED PROFILE LINE 4 FROM "TELIC/GCK VORTAC 2.99 DME 3800" TO "TELIC/GCK VORTAC 2.90 DME 3860" - TARGETS CALCULATED TELIC FIX LOCATION MOVED TO MATCH VAA ALTITUDE 3860.
15. ADDED TO ADDITIONAL FLIGHT DATA: CHART VDP AT 0.82 DME; DISTANCE VDP TO THLD 0.82 NM - PER FAAO 8260.19I, ATTACHMENT 3 - ORDER DEFECTS 4. PARA 8-6-10.M.(1).
16. CHANGED PROFILE LINE 3. MAP LOC: FROM "5.41 NM AFTER PIEVE LOM/GCK VORTAC 5.41 DME" TO "5.54 NM AFTER PIEVE/GCK VORTAC 5.53 DME OR AT GCK VORTAC 0.10 DME." - PIEVE LOM DECOMMISSIONED.
17. ADDED TO PROFILE LINE 6. GS ALT AT PFAF: "PIEVE/GCK VORTAC 5.53 DME 4700" AND REMOVED FROM OM: 4685 - FAF AND PFAF ARE NOW CO-LOCATED AT FIX PIEVE, PIEVE LOM DECOMMISSIONED.
18. REMOVED FROM PROFILE LINE 5. DIST TO THLD FROM OM: "5.41" - PIEVE LOM DECOMMISSIONED.

COORDINATED WITH:

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

FLIGHT CHECKED BY

PENDING

OFFICE**DATE**

Digitally signed by

DONALD E SMITH

Aug 23, 2022

DEVELOPED BY

WILLIAM HANBY

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WILLIAM HANBY

Aug 05, 2022

OFFICE

AJV-A412

DATE

06/27/2022

APPROVED BY

JULIE MORGAN

OFFICE

AJV-A410

DATE**TITLE**

MANAGER

Digitally signed by

DONALD E SMITH

Aug 23, 2022

QUALITY
20
CHECKED