

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> KGEK	<u>PROCEDURE NAME</u> ILS OR LOC RWY 21 ILS RWY 21 (SA CAT I), ILS RWY 21 (CAT II), ILS RWY 21 (CAT III)	<u>ORIGINAL/AMENDMENT</u> 24A	<u>CITY</u> SPOKANE	<u>STATE</u> WA		
<u>AIRPORT ELEVATION</u> 2385	<u>TDZE</u> 2346	<u>SUPERSEDED</u> ILS OR LOC RWY 21 ILS RWY 21 (CAT II), ILS RWY 21 (CAT III)	<u>ORIGINAL/AMENDMENT</u> 24	<u>DATED</u> 01/03/2019	<u>MAG VAR</u> 14E	<u>EPOCH YEAR</u> 2020
<u>FACILITY</u> I-GEG	<u>COORDINATES OF FACILITIES</u> 473629.20N / 1173310.95W	<u>ACTUAL EFFECTIVE DATE</u> 15 JUNE 2023	<u>REQUIRED EFFECTIVE DATE</u> 06/15/2023	<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>
GEG VORTAC		LUCEV/I-GEG 13.08 DME					032.31	17.04	5500
LUCEV/I-GEG 13.08 DME	IF/IAF	SIGYO/I-GEG 6.76 DME					211.51	6.32 (I-GEG)	3900

MISSED APPROACH

MAP:

ILS: DA
 LOC: I-GEG 1.98 DME

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 4200 ON GEG VORTAC R-034 TO GEG VORTAC AND HOLD, CONTINUE CLIMB-IN-HOLD TO 4200.

ALTERNATE MISSED APPROACH INSTRUCTIONS (DO NOT CHART):

CLIMB TO 2800 THEN CLIMBING RIGHT TURN TO 6500 ON HEADING 048 TO COE R-245 TO COE VOR/DME AND HOLD.

PROFILE:

- PT SIDE OF COURSE OUTBOUND FT WITHIN MILES OF (IAF)
- HOLD NE LUCEV, LT, 211.51 INBOUND, 5500 FT. IN LIEU OF PT (IAF), MAX 6000.
- FAF: 211.51 FAF: SIGYO/I-GEG 6.76 DME DIST FAF TO MAP: 4.78 DIST FAF TO THLD: 4.78
- MIN ALT: LUCEV/I-GEG 13.08 DME 5500, SIGYO/I-GEG 6.76 DME 3900
- DIST TO THLD FROM OM: MM: IM: 100 HAT: 861 100 HAT: 861 150 HAT: 1815.00 GS ANT: 912
- MIN GS INCPT: 3900 GS ALT AT PFAF: SIGYO/I-GEG 6.76 DME 3900 OM: MM: IM:
- GS ANGLE: 3.00 34:1: 20:1: TCH: 55.0
- MSA FROM: GEG VORTAC 007-097 6500, 097-187 5200, 187-277 4300, 277-007 5300



EQUIPMENT REQUIREMENTS NOTE:

DME REQUIRED.

NOTES:

SA CAT I ILS - SPECIAL AIRCREW AND AIRCRAFT CERTIFICATION REQUIRED; S-ILS 21: CAT A, B, C, D, RA 197, RVR 1400, HAT 150, DA 2496 MSL.
CAT II ILS - SPECIAL AIRCREW AND AIRCRAFT CERTIFICATION REQUIRED; S-ILS 21: CAT A, B, C, D, RA 147, RVR 1200, HAT 100, DA 2446 MSL.
CAT III ILS - SPECIAL AIRCREW AND AIRCRAFT CERTIFICATION REQUIRED; S-ILS 21: CAT A, B, C, D, RVR 300
CHART PROFILE NOTE: VGSI AND ILS GLIDEPATH NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET}).
CAT III ILS - SPECIAL AIRCREW AND AIRCRAFT CERTIFICATION REQUIRED; S-ILS 21: CAT III CAT A, B, C, D, RVR 300.

SA CAT I CHART NOTE: REQUIRES SPECIFIC OPSPEC, MSPEC, OR LOA APPROVAL.

CAT II CHART NOTE: RVR 1000 AUTHORIZED WITH SPECIFIC OPSPEC, MSPEC, OR LOA APPROVAL AND USE OF AUTOLAND OR HUD TO TOUCHDOWN.

ADDITIONAL FLIGHT DATA:

HOLD SW, RT, 035.00 INBOUND.
CHART IN PLANVIEW: ALTERNATE MA HOLDING, HOLD SW COE VOR/DME, LT, 051.00 INBOUND.
CHART FAS OBST: 2398 TREE (53-032524) 473821N/1173012W.
CHART VDP AT 3.12 DME.
DISTANCE VDP TO THLD 1.14 NM.
CHART IN PLANVIEW: COE VOR/DME.
CHART CIRCLING ICON.

MINIMUMS:

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

ALTERNATE: NA ☐ ILS: STANDARD; LOC: STANDARD - CAT C 800-2 1/4, CAT D 1000-3

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
S-ILS 21	2546	1800	200	2546	1800	200	2546	1800	200	2546	1800	200			
S-LOC 21	2760	2400	414	2760	2400	414	2760	4000	414	2760	4000	414			
CIRCLING	2960	1	575	2980	1	595	3180	2 1/4	795	3380	3	995			



CHANGES - REASONS

1. TERMINAL ROUTES: UPDATED GEG VORTAC TO LUCEV/I-GEG 13.08 DME COURSE FROM 25.31 TO 32.51 - GEG VORTAC MAGVAR UPDATED FROM E21 TO E14.
2. MISSED APPROACH INSTRUCTIONS: CHANGED FROM: CLIMB TO 4200 ON GEG VORTAC R-027 TO GEG VORTAC AND HOLD TO CLIMB TO 4200 ON GEG VORTAC R-034 TO GEG VORTAC AND HOLD, CONTINUE CLIMB-IN-HOLD TO 4200. - UPDATED GEG VORTAC MAGVAR, NEW EVALUATION FOR CLIMB-IN-HOLD, 8-6-6(G)1
3. PROFILE LINE 8: CHANGED MSA FROM GEG VORTAC 360-090 6500, 090-180 5200, 180-270 4300, 270-360 5300 TO GEG VORTAC 007-097 6500, 097-187 5200, 187-277 4300, 277-007 5300 - GEG MAGVAR UPDATE.
4. SA CAT 1 CHART NOTE: CHANGED FROM REQUIRES SPECIFIC OPSPEC, MSPEC, OR LOA APPROVAL AND USE OF HUD TO DH TO SA CAT I CHART NOTE: REQUIRES SPECIFIC OPSPEC, MSPEC, OR LOA APPROVAL - 8260.19I 8-6-11.M(1).
5. CHANGED NOTES FROM SA CAT I ILS - SPECIAL AIRCREW AND AIRCRAFT CERTIFICATION REQUIRED; S-ILS 21: CAT A, B, C, D RA 197, RVR 1400, HAT 126, DA 2472 MSL TO SA CAT I ILS - SPECIAL AIRCREW AND AIRCRAFT CERTIFICATION REQUIRED; S-ILS 21: CAT A, B, C, D, RA 197, RVR 1400, HAT 150, DA 2496 MSL - CORRECTED HAT FROM 126 TO 150, CANCELS T-NOTAM FDC 1/6767.
6. CHANGED NOTES FROM CAT II ILS - SPECIAL AIRCREW AND AIRCRAFT CERTIFICATION REQUIRED; S-ILS 21: CAT A, B, C, D RA 147, RVR 1200, HAT 76, DA 2422 MSL TO CAT II ILS - SPECIAL AIRCREW AND AIRCRAFT CERTIFICATION REQUIRED; S-ILS 21: CAT A, B, C, D, RA 147, RVR 1200, HAT 100, DA 2446 MSL- CORRECTED HAT FROM 76 TO 100, CANCELS T-NOTAM FDC 1/6769.
7. ADDITIONAL FLIGHT DATA: CHANGED CHART VDP FROM AT 2.87 DME* TO 3.12 DME, REMOVED *LOC ONLY - 8260.19I 8-6-10 (M); * NO LONGER REQUIRED, NEW EVALUATION.
8. ADDITIONAL FLIGHT DATA: CHANGED CHART FAS FROM OBST: 2398 TREE 473821N/1173012W TO CHART FAS OBST: 2398 TREE (53-032524) 473821N/1173012W - 8260.19I 8-6-10.C.
9. CHANGED S-LOC 21 MINIMUMS MDA/HAT ALL CATS FROM 2680/334 TO 2760/414 AND VISIBILITY CAT C/D RVR FROM 2600 TO 4000 - 8260.3E TABLE 3-3-1, NEW ALTERNATE MISSED APPROACH ADJUSTMENT - CANCELS T-NOTAM FDC 2/8018.
10. CHANGED CIRCLING MDA/HAT CAT C FROM 3300/915 TO 3180/595, CAT D FROM 3400/1015 TO 3380/995 AND VISIBILITY CAT C FROM 2 3/4 TO 2 1/4 - CIRCLING TO MATCH CIRCLING (VOR RWY 3) AND NEW EVALUATION.
11. LOC ALTERNATE MINIMUMS CHANGED FROM: LOC: STANDARD - CAT C 1000-2 3/4, CAT D 1100-3 TO LOC: STANDARD - CAT C 800-2 1/4, CAT D 1000-3 - NEW VISIBILITY CALCULATION, 8260.19I 8-6-11(6).

COORDINATED WITH:

~~AAA~~ ☒ ~~ALPA~~ ☒ ~~AOPA~~ ☒ ~~APA~~ ☒ ~~HA~~ ☐ ~~NBAA~~ ☒ **OTHER:** ZSE, GEG APP CON, GEG ATCT, GEG AMGR

FLIGHT CHECKED BY

PENDING

Digitally signed by

ALLAN WILL

Mar 28, 2023

OFFICE

DATE

Digitally signed by

RAYMOND R JOHNSON

Mar 14, 2023

OFFICE

AJV-A423

DATE

02/15/2023

APPROVED BY

MARLON ROBINSON

Digitally signed by

ALLAN WILL

Mar 28, 2023

OFFICE

AJV-A420

DATE

TITLE
MANAGER

