

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</u> GLACIER PARK INTL	<u>AIRPORT ID</u> KGPI	<u>PROCEDURE NAME</u> ILS OR LOC RWY 2	<u>ORIGINAL/AMENDMENT</u> 8	<u>CITY</u> KALISPELL	<u>STATE</u> MT
<u>AIRPORT ELEVATION</u> 2977	<u>TDZE</u> 2966	<u>SUPERSEDED</u> ILS OR LOC RWY 2	<u>ORIGINAL/AMENDMENT</u> 7	<u>DATED</u> 04/30/2015	<u>MAG VAR</u> 15E
<u>FACILITY</u> I-GPI	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 5 DECEMBER 2019	<u>REQUIRED EFFECTIVE DATE</u> ROUTINE	<u>CANCEL/SUSPEND</u>	<u>EPOCH YEAR</u> 2010

TERMINAL ROUTES

THIS IS A CORRECTED COPY OF A PROCEDURE ORIGINALLY PUBLISHED IN TL 19-23.

<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>
FCA VOR/DME		GOGGS		TF	FO	1.00	217.31	19.87	9000
OLIBY	IAF	GOGGS	NOPT	TF	FB	1.00	079.85	23.14	9000
FIKAB	IAF	GOGGS	NOPT	TF	FB	1.00	038.35	20.14	9000
SKOTT	IAF	GOGGS	NOPT	TF	FB	1.00	301.08	24.75	9000
GOGGS	IF/IAF	JOLEK		TF	FB	1.00	019.79	6.00	7300
JOLEK INT		HOTRU INT					019.83	6.28 (I-GPI) ←	5800

MISSED APPROACH

MAP:

ILS: DA
 LOC: 8.75 NM AFTER HOTRU INT

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 4100 THEN CLIMBING LEFT TURN TO 12000 ON HEADING 190 AND FCA VOR/DME R-238 TO KILLY/15.70 DME AND HOLD, CONTINUE CLIMB-IN-HOLD TO 12000.

ALTERNATE MISSED APPROACH INSTRUCTIONS:

PROFILE:

1. PT

SIDE OF COURSE

OUTBOUND

FT WITHIN

MILES OF (IAF)

2. HOLD S GOGGS, LT, 019.79 INBOUND, 9000 FT. IN LIEU OF PT (IAF), MAX 14000.

3. FAC: 019.83FAF: HOTRU INTDIST FAF TO MAP: 8.75DIST FAF TO THLD: 8.75

4. MIN ALT: GOGGS 9000, JOLEK INT 7300, HOTRU INT 5800, WALNU INT 4440*

5. DIST TO THLD FROM OM:MM:IM:150 HAT:GS ANT: 976

6. MIN GS INCPT: 5800GS ALT AT FAF : HOTRU INT 5800OM:MM:IM:

7. GP ANGLE: 3.0034:1:20:1:TCH: 51.0

8. MSA FROM: FCA VOR/DME 090-180 9600, 180-270 8100, 270-360 8800, 360-090 11400

EQUIPMENT REQUIREMENTS NOTES:

DME REQUIRED.
RNAV 1-GPS OR RADAR REQUIRED FOR PROCEDURE ENTRY.

NOTES:

*LOC ONLY
CHART NOTE: INOPERATIVE TABLE DOES NOT APPLY TO S-LOC 2 CATS C/D.

ADDITIONAL FLIGHT DATA:

CHART CIRCLING ICON.
FAS OBST: 3260 AAO 481458N/1141904W.
HOLD SW, LT, 057.66 INBOUND

MINIMUMS:

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

ALTERNATE: NA ☐ ILS: STANDARD; LOC: CAT A, B 1500-2, CAT C, D 1500-3

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 02	3166	1/2	200	3166	1/2	200	3166	1/2	200	3166	1/2	200			
S-LOC 02	4440	3/4	1474	4440	1	1474	4440	3	1474	4440	3	1474			
CIRCLING	4440	1 1/4	1463	4440	1 1/2	1463	4440	3	1463	4440	3	1463			
WALNU FIX MINIMUMS (DUAL VOR RECEIVERS REQUIRED)															
S-LOC 02	3520	1/2	554	3520	1/2	554	3520	1 1/8	554	3520	1 1/8	554			
CIRCLING	3520	1	543	3580	1	603	3640	1 3/4	663	3760	2 1/2	783			



CHANGES - REASONS

1. REMOVED ALL REFERENCES TO SAK NDB - FACILITY DECOMMISSIONED.
2. REMOVED CHART NOTE: "NIGHT LANDING: RWY 12, 30 NA" - VISUAL SURFACE PENETRATIONS NOT APPLICABLE.
3. ADDED EQUIPMENT REQUIREMENTS NOTE: "RNAV 1-GPS OR RADAR REQUIRED FOR PROCEDURE ENTRY" - 8260.19H DOCUMENTATION REQUIREMENT.
4. REMOVED PLANVIEW NOTE: "ADF REQUIRED" - SAK NDB DECOMMISSIONED.
5. ADDED EQUIPMENT REQUIREMENTS NOTE "DME REQUIRED" NAVIGATION REQUIREMENT ON MISSED APPROACH TO KILLY.
6. INOP NOTE: CHANGED MALSR TO ALS - 8260.19H DOCUMENTATION REQUIREMENT.
7. REPLACED SAK MSA WITH THE FCA VOR/DME MSA AS PUBLISHED ON KGPI VOR/DME RWY 30 - SAK NDB DECOMMISSIONED.
8. NON-PRECISION ALTERNATE MINIMUMS: REMOVED CAT D 800-2 1/2 AND ADDED CAT A, B 1500-2, CAT C, D 1500-3 - NEW S-LOC 2 MINIMUMS.
9. REMOVED ADDITIONAL FLIGHT DATA ENTRY "CHART (CFBQS) AT 480039.94N/1143358.17W" - NOT USED IN NEW DESIGN.
10. REMOVED NOTE "NIGHT LANDING: RWY 12, 30 NA" - VISUAL OBSTACLES NOT PRESENT.
11. CHANGED PFAF/FAF FROM GLACI TO HOTRU - FIX RELOCATED IN EXCESS OF ONE MILE, PER JO 7400.2.
12. PFAF/FAF (HOTRU) ALTITUDE RAISED FROM 5600 TO 5800 - TERRAIN IN INTERMEDIATE STEPDOWN SEGMENT.
13. FAF MOVED OUTWARD 1.79 NM FROM RWY 02 - 3.00 DESCENT ANGLE INTEGRITY.
14. CHANGED S-LOC 2 MINIMUMS: FROM MDA 3640/HAT 674 TO MDA 4440/HAT 1474 ALL CATS. FROM VIS CAT A 1/2 TO 3/4, CAT B FROM 1/2 TO 1, CAT C/D FROM 1 1/2 TO 3. CIRCLING CAT A/B/C FROM MDA 3640/HAA 663 TO 4640/HAA 1663, CAT D FROM MDA 3760/HAA 783 TO MDA 4440/HAA 1463. FROM VIS CAT A 1 TO 1 1/4, CAT B FROM 1 TO 1 1/2, CAT C FROM 1 7/8 TO 3, CAT D FROM 2 1/2 TO 3 - HIGH TERRAIN IN FINAL APPROACH SEGMENT.
15. CHANGED WODIM FIX MINIMUMS, S-LOC 2: ALL CATS MDA/HAT FROM 3540/574 TO 3520/554. VIS CATS C/D FROM 1 1/4 TO 1 1/8; CIRCLING: CAT A FROM MDA 3540/HAA 563 TO 3520/543 - UPDATED MINIMUMS PER REVISED DESIGN.
16. ADDITIONAL FLIGHT DATA: REMOVED "CHART FAS OBST: 3169 TREE 481636N/1141718W" AND ADDED "FAS OBST: 3379 AAO 481329N/1142034W" - NEW OBSTACLE EVALUATION RESULT.
17. CHANGED CHART NOTE: "FOR INOPERATIVE MALSR, INCREASE S-LOC 2 CAT C/D VISIBILITY TO 1 7/8 MILE; INCREASE WODIM FIX MINIMUMS: S-LOC 2 CAT C AND D VISIBILITY TO 1 5/8 MILE TO " INOPERATIVE TABLE DOES NOT APPLY TO S-LOC 2 CATS C/D.
18. FINAL APPROACH STEPDOWN FIX NAME CHANGE FROM WODIM TO WALNU - STEPDOWN FIX RELOCATED IN EXCESS OF ONE MILE, PER JO 7400.2.
19. CHANGED WODIM MINIMUMS TO WALNU MINIMUMS - WALNU REPLACED WODIM AS FINAL STEPDOWN FIX.
20. MOVED FINAL STEPDOWN FIX 2 NM FROM RWY 2 THLD TO 4.50 NM - STABILIZED DESCENT ANGLE FOLLOWING IDENTIFICATION OF HIGHER TERRAIN IN THE FINAL APPROACH SEGMENT.
21. ADDED INITIAL SEGMENTS TO GOGGS FROM OLIBY, FIKAB AND SCOTT - SAK NDB DECOMMISSIONED.
22. GOGGS ADDED AS IF/IAF - SAK NDB DECOMMISSIONED.
23. PROCEDURE TURN AT SAK NDB REPLACED WITH HOLD-IN-LIEU GOGGS (IF/IAF) - PER WESTERN FPT'S IFPR.

10/24/2019: THIS IS A CORRECTED COPY OF THE FORM APPROVED ON 4/29/19.

1. ADDED (I-GPI) IN THE DISTANCE COLUMN OF TERMINAL ROUTE FROM JOLEK TO HOTRU.

2. MISSED APPROACH INSTRUCTIONS: REMOVED "INT" DESCRIPTOR FROM KILLY.

COORDINATED WITH:

A4A ☐

ALPA ☒

AOPA ☒

APA ☒

HAI ☐

NBAA ☒

OTHER: ZLC, GPI ATCT, AMGR, ATA

FLIGHT CHECKED BY	Digitally signed by	OFFICE	DATE	
	DONALD E SMITH			
DANIEL C FAVORITE	Oct 28, 2019	FICO	4/23/19	
DEVELOPED BY	Digitally signed by	OFFICE	DATE	
	DONALD E SMITH			
DAVID A. DOWLING	Oct 28, 2019	AJV-A422	02/07/2019	
APPROVED BY	Digitally signed by	OFFICE	DATE	TITLE
	DONALD E SMITH			
JULIE MORGAN	Oct 28, 2019	AJV-A42		MANAGER

