

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> KSLK	<u>PROCEDURE NAME</u> ILS OR LOC RWY 23	<u>ORIGINAL/AMENDMENT</u> 11	<u>CITY</u> SARANAC LAKE	<u>STATE</u> NY		
<u>AIRPORT ELEVATION</u> 1663	<u>TDZE</u> 1663	<u>SUPERSEDED</u> ILS OR LOC RWY 23	<u>ORIGINAL/AMENDMENT</u> 10	<u>DATED</u> 05/24/2018	<u>MAG VAR</u> 14W	<u>EPOCH YEAR</u> 2015
<u>FACILITY</u> I-SLK	<u>COORDINATES OF FACILITIES</u> 442242.26N / 0741254.09W	<u>ACTUAL EFFECTIVE DATE</u> 17 JUNE 2021	<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>
BTV VOR/DME		LIZZZ/31.75 DME					301.29	31.75	5400
LIZZZ/31.75 DME	IAF	JONNN/SLK 13.50 DME	NOPT				301.29	6.00 (BTV R-301)	5400
JNFER	IAF	JONNN/SLK 13.50 DME	NOPT	TF	FB	1.00	138.90	9.50	5400
JONNN/SLK 13.50 DME	IF/IAF	RIIKE/SLK 6.77 DME					228.90	6.73 (I-SLK)	3800

MISSED APPROACH

MAP:

ILS: DA
 LOC: SLK 0.67 DME

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 3500 THEN CLIMBING RIGHT TURN TO 5400 DIRECT JONNN AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:

PROFILE:

- PT SIDE OF COURSE OUTBOUND FT WITHIN MILES OF (IAF)
- HOLD NE JONNN, RT, 228.90 INBOUND, 5400 FT. IN LIEU OF PT (IAF), MAX 6000.
- FAF: 228.90 FAF: RIIKE/SLK 6.77 DME DIST FAF TO MAP: DIST FAF TO THLD: 6.12
- MIN ALT: JONNN/SLK 13.50 DME 5400, RIIKE/SLK 6.77 DME 3800, HNDRK/SLK 3.76 DME 2760*
- DIST TO THLD FROM OM: MM: IM: 150 HAT: GS ANT: 1099
- MIN GS INCPT: 3800 GS ALT AT FAF: RIIKE/SLK 6.77 DME 3800 OM: MM: IM:
- GP ANGLE: 3.20 34:1: 20:1: TCH: 59.8
- MSA FROM: KSLK 6600



EQUIPMENT REQUIREMENTS NOTES:

DME REQUIRED.
RNAV 1-GPS REQUIRED.

NOTES:

CHART NOTE: CIRCLING RWY 5, 9, 27 NA AT NIGHT.
CHART NOTE: DME FROM SLK DME. SIMULTANEOUS RECEPTION OF I-SLK AND SLK DME REQUIRED.
CHART NOTE: LOC ONLY RWY 23 HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED.
CHART NOTE: FOR INOPERATIVE ALS, INCREASE S-LOC 23 CAT A/B VISIBILITY TO 1 SM.

ADDITIONAL FLIGHT DATA:

CHART BTV 37.75 DME AT JONNN.
CHART 6000 AT JNFER.
CHART FAS OBST: 1840 TREE 442458N/0741040W.
CHART 2275 TREE 442643N/0740954W.
CHART VDP AT 2.06 DME*
DISTANCE VDP TO THLD 1.40 NM.
*LOC ONLY.
CHART CIRCLING ICON.

MINIMUMS:

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

ALTERNATE: NA



ILS: STANDARD - NA WHEN LOCAL WEATHER NOT AVAILABLE.; LOC: CAT A 900-2, CAT B 1000-2, CAT C 1000-3, CAT D 1100-3, 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 23	1863	1/2	200	1863	1/2	200	1863	1/2	200	1863	1/2	200			
S-LOC 23	2200	3/4	537	2200	3/4	537	2200	1	537	2200	1	537			
CIRCLING	2500	1 1/4	837	2660	1 1/2	997	2660	3	997	2700	3	1037			

CHANGES - REASONS

1. CHANGED NOTE FROM ADDITIONAL FLIGHT DATA SECTION "PLANVIEW NOTE: DME REQUIRED" TO EQUIPMENT REQUIREMENTS NOTE "DME REQUIRED - REVISED CRITERIA.
2. ADDED EQUIPMENT REQUIREMENTS NOTE RNAV 1-GPS REQUIRED - RNAV MISSED APPROACH AND INITIAL ROUTE FROM JNFER ADDED.
3. ADDITIONAL FLIGHT DATA NOTE CHANGED FROM CHART VDP AT 3.07* DME TO CHART VDP AT 2.06* DME - LOWERED S-LOC 23 MDA.
4. ADDITIONAL FLIGHT DATA NOTE CHANGED FROM DISTANCE VDP TO THLD 2.52 NM TO DISTANCE VDP TO THLD 1.41 NM - LOWERED S-LOC 23 MDA.
5. S-ILS 23 VISIBILITY CHANGED FROM 3/4 TO 1/2 SM - RESULTS FROM NEW EVALUATION.
6. S-LOC 23 MDA/HAT CHANGED FROM 2580/917 TO 2200/537 - RESULTS FROM NEW EVALUATION.
7. S-LOC CATS C/D VISIBILITY CHANGED FROM 2 TO 1 SM - LOWERED S-LOC 23 MDA.
8. CIRCLING CAT A MDA/HAA CHANGED FROM 2580/917 TO 2500/837 - RESULTS FROM NEW EVALUATION.
9. CIRCLING CAT D MDA/HAA CHANGED FROM 2680/1017 TO 2700/1037- RESULTS FROM NEW EVALUATION.
10. ALTERNATE MINIMUMS CHANGED FROM ILS STANDARD, LOC CAT A, B 1000-2, CAT C 1000-3, CAT D 1100-3 TO ILS STANDARD, NA WHEN LOCAL WEATHER NOT AVAILABLE, LOC CAT A 900-2, CAT B 1000-2, CAT C 1000-3, CAT D 1100-3, NA WHEN LOCAL WEATHER NOT AVAILABLE. - RESULTS FROM NEW EVALUATION.
11. ADDITIONAL FLIGHT DATA NOTE CHANGED FROM CHART FAS OBST: 2275 TREE 442643N/0740954W TO CHART FAS OBST: 1840 TREE 442458N/0741040W - RESULTS FROM NEW EVALUATION.
12. ADDITIONAL FLIGHT DATA NOTE ADDED CHART 2275 TREE 442643N/0740954W.- 7:1 EXCLUDED OBSTACLE.
13. MSA CHANGED FROM 6700 TO 6600 - RESULTS FROM NEW EVALUATION.
14. INBOUND COURSE AT JONNN CHANGED FROM 229.03 TO 228.90 - ALIGNS WITH FINAL APPROACH COURSE.
15. RNAV INITIAL FROM JNFER ADDED - AIR TRAFFIC REQUEST TO ALLOW FOR AN APPROACH FROM THE WEST.
16. CHANGED MISSED APPROACH INSTRUCTIONS FROM CLIMB TO 3500 ON HEADING 232 THEN CLIMBING RIGHT TURN TO 5400 ON HEADING 070 TO INTERCEPT I-SLK LOCALIZER COURSE NE TO JONNN INT/SLK 13.50 DME AND HOLD TO CLIMB TO 3500 THEN CLIMBING RIGHT TURN TO 5400 DIRECT JONNN AND HOLD - THE MISSED APPROACH INSTRUCTIONS FOR ILS OR LOC RWY 23 NO LONGER COMPLY WITH CRITERIA. THE 8260.19H PARA 2-2-4B PROHIBITS THE USE OF LOCALIZERS FOR LATERAL COURSE GUIDANCE FOR MISSED APPROACH. WAIVER TO NOT APPLY AAO IN MISSED NO LONGER REQUIRED 232 HEADING TO AVOID AAO AND JONNN NO LONGER AN INTERSECTION FIX.
17. LINE 2 ADDED MAX 6000 - REVISED CRITERIA.
18. LINE 4 CHANGED FROM JONNN 5400, RIIKE 3800, HNDRK/SLK 3.76 DME 2760* TO JONNN/SLK 13.50 DME 5400, RIIKE/SLK 6.77 DME 3800, HNDRK/SLK 3.76 DME 2860* - REVISED CRITERIA.
19. LINE 6 CHANGE GS ALT AT FAF FROM RIIKE 3800 TO RIIKE/SLK 6.77 DME 3800 - REVISED CRITERIA.
20. CHANGED NOTE FROM CIRCLING TO RWY 5, 9, 27 NA AT NIGHT TO CIRCLING RWY 5, 9, 27 NA AT NIGHT - REVISED CRITERIA.
21. CHANGED NOTE FROM RWY 23 HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED TO LOC ONLY RWY 23 HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED - 34:1 PENS ONLY APPLY TO LOC & REVISED CRITERIA.
22. DELETED NOTE INOPERATIVE TABLE DOES NOT APPLY TO S-ILS 23 - NO 34:1 PENS TO ILS AND REVISED CRITERIA.
23. DELETED PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT BTV VOR/DME ON V141 SOUTHEAST BOUND - V141 BEING CANCELED.
24. ADDED NOTE FOR INOPERATIVE ALS, INCREASE S-LOC 23 CAT A/B VISIBILITY TO 1 SM - REVISED CRITERIA
25. ADDED ADDITIONAL FLIGHT DATA ENTRY CHART 6000 AT JNFER - REQUESTED BY ATC.
26. ADDED COORDINATES OF FACILITIES 442242.26N/0741254.09W - 10/8/20 ACTIVE DATA CHANGED LOCALIZER LAT BY .01 DEGREES AND GS LONG BY .01 DEGREES.
GS: 442334.77N/0741208.06W

COORDINATED WITH:

A4A ☐ **ALPA** ☒ **AOPA** ☒ **APA** ☐ **HAI** ☐ **NBAA** ☒ **OTHER:** ZBW, AIRPORT MANAGER

FLIGHT CHECKED BY

JEREMY R VIRTIS

Digitally signed by

DAVID TEFFETELLER

Mar 19, 2021

OFFICE

FICO

DATE

3/17/2021

DEVELOPED BY

FRANK MOORE

Digitally signed by

FRANK MOORE

Jan 25, 2021

OFFICE

AJV-A433

DATE

10/19/2020

APPROVED BY

LONNIE EVERHART

Digitally signed by

DAVID TEFFETELLER

Mar 19, 2021

OFFICE

AJV-A430

DATE**TITLE**
MANAGER