

**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> BEMIDJI RGNL	<u>AIRPORT ID</u> KBJI	<u>PROCEDURE NAME</u> ILS OR LOC RWY 25	<u>ORIGINAL/AMENDMENT</u> 2	<u>CITY</u> BEMIDJI	<u>STATE</u> MN	
<u>AIRPORT ELEVATION</u> 1391	<u>TDZE</u> 1389	<u>SUPERSEDED</u> ILS OR LOC RWY 25	<u>ORIGINAL/AMENDMENT</u> 1B	<u>DATED</u> 01/30/2020	<u>MAG VAR</u> 1E	<u>EPOCH YEAR</u> 2015
<u>FACILITY</u> I-BJI	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 25 FEBRUARY 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>
IDJ VOR/DME		AFJIM/6.37 DME	FAF/IAF				070.89	5.40	3600
CABIV/14.50 DME/RADAR	IF	AFJIM/6.37 DME	PFAF				253.01	8.13 (I-BJI)	3100

MISSED APPROACH

MAP:

ILS: DA
LOC: I-BJI 1.11 DME

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 2300 THEN CLIMBING LEFT TURN TO 3400 ON HEADING 185 AND IDJ VOR/DME R-214 TO CELIS/IDJ VOR/DME 8.08 DME AND HOLD, CONTINUE CLIMB-IN-HOLD TO 3400.

ALTERNATE MISSED APPROACH INSTRUCTIONS:

PROFILE:

- PT L SIDE OF COURSE 073.01 OUTBOUND 3600 FT WITHIN 10 MILES OF AFJIM/6.37 DME (IAF)
-
- FAC: 253.01 PFAF: AFJIM/6.37 DME DIST PFAF TO MAP: DIST PFAF TO THLD: 5.26
- MIN ALT: AFJIM/6.37 DME 3100, KAKVE/2.98 DME 2020*
- DIST TO THLD FROM OM: MM: IM: 150 HAT: GS ANT: 851
- MIN GS INCPT: 3100 GS ALT AT PFAF : AFJIM/6.37 DME 3100 OM: MM: IM:
- GP ANGLE: 3.00 34:1: 20:1: TCH: 46.4
- MSA FROM: IDJ VOR/DME 3600

EQUIPMENT REQUIREMENTS NOTES:

DME REQUIRED.
RADAR REQUIRED FOR PROCEDURE ENTRY.



NOTES:
CHART PROFILE NOTE: USE I-BJI DME WHEN ON THE LOCALIZER COURSE.

ADDITIONAL FLIGHT DATA:
CHART CIRCLING ICON.
CHART BEAVER MOA
CHART VDP AT 2.03 DME*
DISTANCE VDP TO THLD 0.92 NM
* LOC ONLY
CHART FAS OBST: 1459 VERTICAL STRUCTURE 473104N/0945409W.
CHART: 1842 TOWER 473110N/0944804W.
FAC 4 FT R OF RWY C/L EXTENDED 3000 FT FROM THLD.
HOLD SW, RT, 033.99 INBOUND

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

ALTERNATE: NA ☒

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 25	1589	3/4	200	1589	3/4	200	1589	3/4	200	1589	3/4	200			
S-LOC 25	1720	1	331	1720	1	331	1720	1	331	1720	1	331			
CIRCLING	1840	1	449	1860	1	469	1860	1 1/2	469	1960	2	569			

CHANGES - REASONS

1. BODAC/6.30 DME REPLACED WITH AFJIM/6.37 DME - NEW PFAF
2. CADAR/14.44 DME REPLACED WITH CABIV/ 14.50 DME/RADAR - NEW IF
3. FAC CHANGED FROM 253.00 TO 253.01 - NEW PFAF IN USE.
4. PT ALTITUDE AND ALTITUDE IN TERMINAL ROUTE FROM IDJ VOR/DME TO AFJIM/6.37 DME CHANGED FROM 3500 TO 3600- NEW CONTROLLING OBSTACLE
5. DIST FAF TO THLD CHANGED FROM 5.18 TO 5.26 - NEW PFAF IN USE
6. MISSED APPROACH INSTRUCTIONS CHANGED FROM "CLIMB TO 2300 THEN CLIMBING LEFT TURN TO 3400 ON PKD VOR/DME R-359 TO CELIS/PKD 30.00 DME AND HOLD" TO "CLIMB TO 2300 THEN CLIMBING LEFT TURN TO 3400 ON HEADING 185 AND IDJ VOR/DME R-214 TO CELIS/IDJ VOR/DME 8.08 DME AND HOLD, CONTINUE CLIMB-IN-HOLD TO 3400" - PKD VORMON AND CLIMB-IN-HOLD REQUIRED.
7. CHANGED TCH FROM 46.8 TO 46.4 - DESIGN TCH
8. PT OUTBOUND COURSE CHANGED FROM 073.00 TO 073.01 - NEW PT FIX IN USE.
9. MSA ALTITUDE CHANGED FROM 3500 TO 3600 - NEW MSA OBSTACLE IDENTIFIED.
10. REMOVED CHART NOTE: RWY 25 HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED - 34:1 OBSTACLES NO LONGER PRESENT.
11. ADDITIONAL FLIGHT DATA CHANGED FROM; CHART VDP AT 2.04 DME* TO 2.03 DME* - TARGETS CALCULATED DISTANCE.
12. ADDITIONAL FLIGHT DATA CHANGED FROM; HOLD S, RT, 358.64 INBOUND TO HOLD SW, RT, 033.99 INBOUND - HOLD NOW BASED OFF OF IDJ VOR/DME.
13. ADDED TO ADDITIONAL FLIGHT DATA; FAC 4 FT R OF RWY C/L EXTENDED 3000 FT FROM THLD - TARGETS CALCULATED INTERSECTION OF THE FAC AND EXTENDED C/L.
14. MAP FOR LOC CHANGED FROM I-BJI 1.12 DME TO I-BJI 1.11 DME - DME DISTANCE CALCULATED FROM DME SOURCE.
15. FAS OBSTACLE CHANGED FROM CHART FAS OBST: 1459 TREE 473104N/0945409W TO CHART FAS OBST: 1459 VERTICAL STRUCTURE 473104N/0945409W - NEW FAS OBSTACLE IDENTIFIED.
16. EQUIPMENT REQUIREMENTS NOTE CHANGED FROM DME AND RADAR REQUIRED TO DME REQUIRED AND RADAR REQUIRED FOR PROCEDURE ENTRY - RADAR IS NOT REQUIRED FOR THE ENTIRE PROCEDURE.
17. STEP DOWN FIX CHANGED FROM KAKVE/2.79 DME TO KAKVE/2.98 DME - RASS ADJUSTMENT ADDED TO STEPDOWN FIX, AND FIX MOVED.



AIRPORT
BEMIDJI RGNL

AIRPORT ID
KBJI

PROCEDURE NAME
ILS OR LOC RWY 25

ORIGINAL/AMENDMENT
2

CITY
BEMIDJI

STATE
MN

COORDINATED WITH:

A4A ☒ ALPA ☒ AOPA ☒ APA ☐ HAI ☐ NBAA ☒ OTHER: ZMP, AMGR

FLIGHT CHECKED BY

GEG BAUR

Digitally signed by OFFICE

WARDELL HENNING FICO

DATE

9/2/2020

DEVELOPED BY

WARDELL HENNING (TYLER MITCHELL)

Digitally signed by

WARDELL HENNING

Sep 03, 2020

OFFICE

AJV-A432

DATE

12/30/2019

APPROVED BY

GEORGE DAVIS

Digitally signed by

WARDELL HENNING

Sep 03, 2020

OFFICE

AJV-A430

DATE

TITLE

MANAGER

QUALITY
24
CHECKED