

FEDERAL AVIATION ADMINISTRATION  
FLIGHT STANDARDS SERVICE  
LOC STANDARD INSTRUMENT APPROACH PROCEDURE  
TITLE 14 CFR PART 97.25

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> MINNEAPOLIS-ST PAUL INTL/WOLD- CHAMBERLAIN		<u>AIRPORT ID</u> KMSP	<u>PROCEDURE NAME</u> LOC RWY 22	<u>ORIGINAL/AMENDMENT</u> 1C	<u>CITY</u> MINNEAPOLIS	<u>STATE</u> MN
<u>AIRPORT ELEVATION</u> 842	<u>TDZE</u> 828	<u>SUPERSEDED</u> LOC RWY 22	<u>ORIGINAL/AMENDMENT</u> 1B	<u>DATED</u> 04/30/2015	<u>MAG VAR</u> 0E	<u>EPOCH YEAR</u> 2015
<u>FACILITY</u> I-SIJ	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 10 SEPTEMBER 2020	<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>
WAGNR INT	IAF	CUSAC INT					175.00 & 225.02	0.70 (HDG) & 1.56 (I-SIJ)	4000
CUSAC INT	IF	SNELL OM/INT/RADAR					225.02	6.00 (I-SIJ)	2500

**MISSED APPROACH**

**MAP:**

5.24 NM AFTER SNELL OM/INT/RADAR

**MISSED APPROACH INSTRUCTIONS:**

CLIMB TO 2000 THEN CLIMBING RIGHT TURN TO 3000 DIRECT FCM VOR/DME AND HOLD.

**ALTERNATE MISSED APPROACH INSTRUCTIONS (DO NOT CHART):**

CLIMB TO 3000 ON HEADING 225 AND ON GEP VORTAC R-182 TO LYDIA INT/GEP 32.57 DME AND HOLD (DME REQUIRED).

**PROFILE:**

1. PT      SIDE OF COURSE      OUTBOUND      FT WITHIN      MILES OF (IAF)
2. PROFILE STARTS AT CUSAC
3. FAC: 225.02      FAF: SNELL OM/INT/RADAR      DIST FAF TO MAP: 5.24      DIST FAF TO THLD: 5.24
4. MIN ALT: CUSAC INT 4000, SNELL OM/INT/RADAR 2500
8. MSA FROM: GEP VORTAC 180-270 2700, 270-180 3500

**EQUIPMENT REQUIREMENTS NOTES:**

**NOTES:**

CHART NOTE: RWY 22 HELICOPTER VISIBILITY REDUCTION BELOW RVR 4000 NOT AUTHORIZED.  
CHART NOTE: FOR INOPERATIVE ALS, INCREASE S-22 CAT A AND B VISIBILITY TO RVR 5500, AND CAT E VISIBILITY TO 1 3/4 SM.



ADDITIONAL FLIGHT DATA:

CHART CIRCLING ICON.  
SNELL TO RW22: 2.90/61.  
CHART IN PLANVIEW: LYDIA INT/GEP 32.57 DME.  
CHART (CFBKJ) AT INTERSECTION OF WAGNR DR LEG AND INTERMEDIATE COURSE.  
FAS OBST: 1169 AAO 445621N/0930936W.  
CHART: 1224 SPIRE 445649N/0930633W.  
CHART IN PLANVIEW: ALTERNATE MA HOLDING, HOLD S LYDIA INT/GEP 32.57 DME, RT, 002.00 INBOUND.  
HOLD W, RT, 085.00 INBOUND

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

ALTERNATE: NA ☐ STANDARD - CAT D 900-2 3/4, CAT E 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-22	1420	4000	592	1420	4000	592	1420	1 1/4	592	1420	1 1/4	592	1420	1 1/4	592
CIRCLING	1420	1	578	1420	1	578	1460	1 3/4	618	1660	2 3/4	818	1800	3	958

CHANGES - REASONS

- ADDED "RWY 22" TO "HELICOPTER VISIBILITY REDUCTION BELOW RVR 4000 NOT AUTHORIZED" - IAW 8260.19H 8-6-11.K.(3), 34:1 PENETRATION.
- REMOVED NOTE "CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT WAGNR ON V13 NORTHBOUND" - DUE TO RZN VOR/DME, VOR MON DECOMMISSION.
- CHANGED NOTE "CHART NOTE: FOR INOPERATIVE MALSR, INCREASE S-22 CAT A AND B VISIBILITY TO RVR 5000 AND CAT E VISIBILITY TO 1 3/4 MILE" TO "CHART NOTE: FOR INOPERATIVE ALS, INCREASE S-22 CAT A AND B VISIBILITY TO RVR 5500, AND CAT E VISIBILITY TO 1 3/4 SM" - UPDATED VERBIAGE, AJV VALIDATED VISCHECK CALCULATOR.
- ADDED TO ADDITIONAL FLIGHT DATA: "CHART CIRCLING ICON" - APPLIED EXPANDED CIRCLING CRITERIA TO APPROACH FROM NOTAM 5/1104, IAW 8260.19H 8-6-10.T.
- CHANGED CIRCLING MINIMUMS MDA/HAA FROM "CAT C 1420/578, CAT D 1460/618, CAT E 1660/819" TO " CAT C 1460/618, CAT D 1660/818, CAT E 1800/958" - APPLIED EXPANDED CIRCLING CRITERIA TO APPROACH FROM NOTAM 5/1104, IAW 8260.3D 2-7-1.
- CHANGED CIRCLING MINIMUMS VIS CAT D FROM "2" TO "2 3/4" - APPLIED EXPANDED CIRCLING CRITERIA TO APPROACH FROM NOTAM 5/1104, IAW 8260.3D TABLE 3-3-7.
- CHANGED ALTERNATE MINIMUMS FROM "STANDARD - CAT E 900-3" TO "STANDARD - CAT D 900-2 3/4, CAT E 1000-3" - INCORPORATED NOTAM 5/1104, IAW 8260.3D 3-4-1.

COORDINATED WITH:

A4A ☒ ALPA ☒ AOPA ☒ APA ☒ HAI ☐ NBAA ☒ OTHER: ZMP, MSP APP CON, MSP ATCT, AMGR.

FLIGHT CHECKED BY  
PROCESSED IAW AIRCRAFT OPERATIONS GROUP (AJW-33) MEMO, OCTOBER 3, 2018, SUBJECT:  
FLIGHT INSPECTION REVIEW NOT REQUIRED

DEVELOPED BY  
JOHN BORDY (MICHAEL DARDEN)  
  
Digitally signed by  
JOHN BORDY  
Jun 03, 2020

APPROVED BY  
MARLON ROBINSON  
  
Digitally signed by  
JOHN BORDY  
Jun 03, 2020

OFFICE  
Digitally signed by  
JOHN BORDY  
Jun 03, 2020

OFFICE  
AJV-A422  
  
DATE  
02/21/2020

OFFICE  
AJV-A420  
  
DATE  
  
TITLE  
MANAGER

