

FEDERAL AVIATION ADMINISTRATION
FLIGHT STANDARDS SERVICE
RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE
TITLE 14 CFR PART 97.33

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> CMI	<u>PROCEDURE NAME</u> RNAV (GPS) RWY 22	<u>ORIGINAL/AMENDMENT</u> 1C	<u>CITY</u> CHAMPAIGN/URBANA	<u>STATE</u> IL
<u>AIRPORT ELEVATION</u> 755	<u>TDZE</u> 750	<u>SUPERSEDED</u> RNAV (GPS) RWY 22	<u>ORIGINAL/AMENDMENT</u> 1B	<u>DATED</u> 08/11/2022
<u>FACILITY</u> RNAV	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 25 JANUARY 2024	<u>REQUIRED EFFECTIVE DATE</u> 1/25/2024	<u>MAG VAR</u> 3W
				<u>EPOCH YEAR</u> 2015
				<u>CANCEL/SUSPEND</u>

TERMINAL ROUTES THIS IS A CORRECTED COPY OF A PROCEDURE ORIGINALLY PUBLISHED IN TL 24-02.

FROM	FIX TYPE	TO	FIX TYPE	LEG TYPE	FO/FB	RNP	COURSE	DISTANCE	ALTITUDE
RBS VOR/DME	IAF	MUGTE	NOPT	TF	FB	1.00	177.36	23.99	2800
MUGTE	IF/IAF	ZUPKE		TF	FB	1.00	224.17	6.01	2400
ZUPKE	FAF	JESDI/2.10 NM TO RW22		TF	FB	0.30	224.12	2.89	
JESDI/2.10 NM TO RW22		RW22	MAP	TF	FO	0.30	224.12	2.10	
RW22	MAP	1000 MSL		CA			224.12		
1000 MSL		BOSTN		DF	FO	1.00			2300

MISSED APPROACH

MAP:
LPV: DA
LNAV/VNAV: DA
LNAV: RW22

MISSED APPROACH INSTRUCTIONS:
CLIMB TO 2300 DIRECT BOSTN AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:

PROFILE:

1. PT	SIDE OF COURSE	OUTBOUND	FT WITHIN	MILES OF	(IAF)
2. HOLD NE MUGTE, RT, 224.17 INBOUND, 2800 FT. IN LIEU OF PT (IAF), MAX 6000.					
3. FAC: 224.12	FAF: ZUPKE	DIST FAF TO MAP: 4.99	DIST FAF TO THLD: 4.99		
4. MIN ALT: MUGTE 2800, ZUPKE 2400, JESDI/2.10 NM TO RW22 1460					
5. DIST TO THLD FROM OM: MM: IM:	150 HAT:	250 HAT: 0.66	GS ANT:		IM:
6. MIN GP INCPT: 2400 GP ALT AT FAF: ZUPKE 2400		OM:	MM:		
7. GP ANGLE: 3.00	34:1: IS NOT CLEAR	20:1: IS CLEAR	TCH: 42.5		
8. MSA FROM: RW22 3100					



PBN REQUIREMENTS NOTE:

RNP APCH - GPS. 

NOTES:

CHART NOTE: RWY 22 HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED.
CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -21°C OR ABOVE 54°C.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVAL ON RBS VOR/DME AIRWAY RADIALS 187 CW 231.

ADDITIONAL FLIGHT DATA:

HOLD SW, RT, 043.96 INBOUND.
CHART FAS OBST: 864 TOWER (17-030825) 400403N/0881454W.
CHART VDP AT 1.02 NM TO RW22.
WAAS CHANNEL # 97619
REFERENCE PATH ID: W22A
CHART CIRCLING ICON.
LTP HAE: 195.5 M

MINIMUMS:

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

ALTERNATE: NA ☐ STANDARD - CAT C 800-2 1/4, CAT D 800-2 1/2, NA WHEN LOCAL WEATHER NOT AVAILABLE.

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
LPV DA	1000	3/4	250	1000	3/4	250	1000	3/4	250	1000	3/4	250			
LNAV/VNAV DA	1219	1 3/8	469	1219	1 3/8	469	1219	1 3/8	469	1219	1 3/8	469			
LNAV MDA	1120	1	370	1120	1	370	1120	1	370	1120	1	370			
CIRCLING	1240	1	485	1240	1	485	1500	2 1/4	745	1500	2 1/2	745			

CHANGES - REASONS

- INCORPORATED CHANGES FROM P-NOTAM AMDT 1B INTO FORM. - IAW 8260.19I 8-3-4 C(3).
- REMOVED INITIAL FROM DNV VORTAC. - FPT REQUEST; DNV VORTAC DECOMMISSIONING.
- LINE 2: ADDED MAX ALTITUDE 6000. - UPDATED FORMS.
- LINE 5: ADDED DISTANCE TO THLD FROM 250 HAT: 0.66. REMOVED "DISTANCE TO THLD FROM 250 HAT: 0.66 NM" FROM ADDITIONAL FLIGHT DATA. – FORMS UPDATED.
- LINE 7: ADDED 20:1 IS CLEAR. – NO 20:1 PENETRATIONS EXIST.
- REMOVED CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT DNV VORTAC ON V251 NORTHEAST BOUND. - INITIAL REMOVED.
- REMOVED CHART NOTE: ALTERNATE ALTIMETER. – MOVED TO 8260-9 PART C – REMARKS FOR CONTINGENCY USE.
- MOVED CHART NOTE: BARO-VNAV AND VDP NA WHEN USING RANTOUL ALTIMETER SETTING TO 8260-9 PART-C REMARKS. - IAW 8260.19I 8-6-9 E(3)8.
- REMOVED ADDITIONAL FLIGHT DATA: CHART: ASR – NO LONGER REQUIRED; NEED DETERMINED BY CHARTING.
- INCREASED CIRCLING CAT D VISIBILITY FROM 2 1/4 TO 2 1/2. – IAW 8260.3E TABLE 3-3-7.
- UPDATED: ALTERNATE MINIMUMS FROM "STANDARD - CAT C 800-2 1/4, CAT D 800-2 1/4" TO "STANDARD – CAT C 800-2 1/4, CAT D – 2 1/2 - NA WHEN LOCAL WEATHER NOT AVAILABLE." - IAW 8260.3E 3-4-1.
- FAS DATA: LTP/FTP LATITUDE/LONGITUDE UPDATED FROM 400242.9980N/0881612.5520W TO 400243.0035N/0881612.5435W. – NEW LTP/FTP LOCATION.
- FAS DATA: FPAP LATITUDE/LONGITUDE UPDATED FROM 400135.7670N/0881728.7535W TO 400135.7770N/0881728.7515W. – NEW FPAP LOCATION.
- FAS DATA: LTP/FTP ELLIPSOIDAL HEIGHT UPDATED FROM 01953 TO 01955. - NEW LTP/FTP LATITUDE/LONGITUDE.
- FAS DATA: LTP AND FPAP ORTHOMETIRC HEIGHT UPDATED FROM 02273 TO 02275. – NEW LTP/FTP LATITUDE/LONGITUDE.
- FAS DATA: CRC REMAINDER UPDATED FROM DCCADB84 TO 8844048C. - LTP/FTP AND FPAP LATITUDE/LONGITUDE UPDATED.
- UPDATED ADDITIONAL FLIGHT DATA: CHART VDP FROM "AT 1.03 NM" TO "AT 1.02 NM" TO RW22. - NEW TARGETS EVALUATION COMPLETED.
- REMOVED ADDITIONAL FLIGHT DATA: CHART 1146 TOWER 400504N/0881453W. - CURRENT OBSTACLE OUTSIDE 7:1 AREA; 7:1 NOT REQUIRED PER CURRENT EVALUATION.

12/14/2023: THIS IS A CORRECTED COPY OF THE FORM APPROVED ON 11/02/2023
CHANGED PBN EQUIPMENT NOTE TO RNP APCH - GPS.



COORDINATED WITH:

A4A

☒

ALPA

☒

AOPA

☒

APA

☒

HAI

☐

NBAA

☒

OTHER:

ZAU, CMI ATCT, AMGR

FLIGHT CHECKED BY

JAMES ONIEAL

Digitally signed by

CASIMIR L TABAKA

Nov 02, 2023

OFFICE

FPO

DATE

11/15/2023

DEVELOPED BY

CASIMIR L. TABAKA (BARBARA GORMAN)

Digitally signed by

CASIMIR L TABAKA

Nov 02, 2023

OFFICE

AJV-A432

DATE

05/17/2023

APPROVED BY

CASIMIR L. TABAKA

Digitally signed by

CASIMIR L TABAKA

Nov 02, 2023

OFFICE

AJV-A430

DATE

TITLE

MANAGER

FAS DATA BLOCK INFORMATION

DATA FIELD

OPERATION TYPE
SBAS SERVICE PROVIDER IDENTIFIER
AIRPORT IDENTIFIER
RUNWAY
APPROACH PERFORMANCE DESIGNATOR
ROUTE INDICATOR
REFERENCE PATH DATA SELECTOR
REFERENCE PATH IDENTIFIER (APPROACH ID)
LTP/FTP LATITUDE
LTP/FTP LONGITUDE
LTP/FTP ELLIPSOIDAL HEIGHT
FPAP LATITUDE
FPAP LONGITUDE
THRESHOLD CROSSING HEIGHT (TCH)
TCH UNITS SELECTOR (METERS OR FEET USED)
GLIDEPATH ANGLE (GPA)
COURSE WIDTH AT THRESHOLD
LENGTH OFFSET
HORIZONTAL ALERT LIMIT (HAL)
VERTICAL ALERT LIMIT (VAL)

DATA

0
0
KCMJ
RW22
0
0
W22A
400243.0035N
0881612.5435W
+01955
400135.7770N
0881728.7515W
00042.5
F
03.00
106.75
0768
40.0
50.0

CRC REMAINDER

8844048C

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE
LTP ORTHOMETRIC HEIGHT
FPAP ORTHOMETRIC HEIGHT

K5
+02275
+02275

