FEDERAL AVIATION ADMINISTRATION
FLIGHT STANDARDS SERVICE
VOR STANDARD INSTRUMENT APPROACH PROCEDURE
TITLE 14 CFR PART 97.23

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.

AIRPORT ID	PROCEDURE NAME	ORIGINAL/AMENDMENT	CITY	STATE
C16	VOR-A	11C	URBANA	IL

AIRPORT ELEVATION	TDZE	SUPERSEDED	ORIGINAL/AMENDMENT	DATED	MAG VAR	EPOCH YEAR
735		VOR-A	11B	05/21/2020	3E	1965

FACILITY	COORDINATES OF FACILITIES	ACTUAL EFFECTIVE DATE	REQUIRED EFFECTIVE DATE	CANCEL/SUSPEND
CMI			ROUTINE	

TERMINAL ROUTES

FROM	FIX TYPE	TO	FIX TYPE	LEG TYPE	FO/FB	RNP	COURSE	DISTANCE	ALTITUDE

MISSED APPROACH

MAP:

7.30 NM AFTER CMI VORTAC OR AT MABNE/CMI VORTAC 7.30 DME

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 2000 THEN CLIMBING RIGHT TURN TO 2500 ON CMI VORTAC R-062 TO OCTOE INT AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:

PROFILE:

1. PT R **SIDE OF COURSE** 205.00 **OUTBOUND** 2500 **FT WITHIN** 10 **MILES OF** CMI VORTAC (IAF)
2.
3. FAC: 025.00 **FAF:** CMI VORTAC **DIST FAF TO MAP:** 7.30 **DIST FAF TO THLD:**
4. MIN ALT: CMI VORTAC 2300, FANUK/CMI VORTAC 5.50 DME 1540*, *1620 WHEN USING DECATUR ALTIMETER SETTING.
8. MSA FROM: CMI VORTAC 3000

NOTES:

CHART NOTE: CIRCLING NA TO RWYS 18 AND 36.
CHART NOTE: PROCEDURE NA AT NIGHT.
CHART NOTE: USE UNIVERSITY OF ILLINOIS/WILLARD ALTIMETER SETTING; WHEN NOT RECEIVED, USE DECATUR ALTIMETER SETTING: INCREASE ALL MDAS 80 FEET AND VISIBILITY CATS A AND B 1/4 SM, CAT C 1/2 SM AND CAT D 1/4 SM; INCREASE FANUK FIX MINIMUM VISIBILITY CATS C AND D 1/4 SM.

ADDITIONAL FLIGHT DATA:

FAC CROSSES AIRPORT MIDFIELD.
CHART UNIVERSITY OF ILLINOIS/WILLARD ASOS.
HOLD NE, RT, 241.59 INBOUND.
CHART FAS OBST: 975 TOWER (17-020570) 400653N/0881324W.
CHART CIRCLING ICON.

QUALITY 6 CHECKED

AIRPORT ID	PROCEDURE NAME	ORIGINAL/AMENDMENT	CITY	STATE
C16	VOR-A	11C	URBANA	IL

MINIMUMS:

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

ALTERNATE: NA [X]

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
CIRCLING	1540	1	805	1540	1	805	1540	2 1/4	805	1560	2 3/4	825			
FANUK FIX MINIMUMS															
CIRCLING	1300	1	565	1300	1	565	1420	2	685	1560	2 3/4	825			

CHANGES - REASONS

1. MAP: UPDATED FROM "7.30 NM AFTER CMI VORTAC OR AT MABNE/VORTAC 7.30 DME FIX" TO " 7.30 NM AFTER CMI VORTAC OR AT MABNE/CMI VORTAC 7.30 DME" - IAW 8260.19I 8-6-6 C(2).
2. PROFILE LINE 4: UPDATED MIN ALTITUDE FROM "FANUK/CMI VORTAC 5.50 DME 1540*, *1680 WHEN USING DECATUR ALTIMETER SETTING" TO "FANUK/CMI VORTAC 5.50 DME 1540*, *1620 WHEN USING DECATUR ALTIMETER SETTING" - RA ADJUSTMENT FOR THE REMOTE ALTIMETER CHANGED TO 80 FEET, THIS UPDATE CANCELS NOTAM 3/9041.
3. NOTES: ADDED CHART NOTE: "PROCEDURE NA AT NIGHT" - UNLIT 20:1 PENETRATIONS ARE ASSUMED DUE TO LACK OF OIS SURVEY, CANCELS NOTAM 3/9041.
4. NOTES: UPDATED CHART NOTE FROM "USE CHAMPAIGN ALTIMETER SETTING; WHEN NOT RECEIVED, USE DECATUR ALTIMETER SETTING AND INCREASE ALL MDAS 80 FEET AND CATS A/B/D VISIBILITIES 1/4 SM, CAT C VISIBILITY 1/2 SM; INCREASE FANUK DME FIX MINIMUMS CATS C/D VISIBILITY 1/4 SM" TO "USE UNIVERSITY OF ILLINOIS/WILLARD ALTIMETER SETTING; WHEN NOT RECEIVED, USE DECATUR ALTIMETER SETTING: INCREASE ALL MDAS 80 FEET AND VISIBILITY CATS A AND B 1/4 SM, CAT C 1/2SM AND CAT D 1/4 SM; INCREASE FANUK FIX MINIMUM VISIBILITY CATS C AND D 1/4 SM" - CLARIFIED THE NAME OF THE AIRPORT PROVIDING THE PRIMARY ALTIMETER SOURCE AND UPDATED NOTE FORMATTING.
5. ADDITIONAL FLIGHT DATA: ADDED OBSTACLE ID (17-020570) TO CHART FAS OBST - UPDATED IAW 8260.19I, 8-6-10.C.
6. ADDITIONAL FLIGHT DATA: ADDED, "CHART UNIVERSITY OF ILLINOIS/WILLARD ASOS" - IAW 8260.19I 8-2-4 B(3).
7. MINIMUMS: LOWERED CIRCLING VISIBILITY CAT B WITHOUT THE FANUK DME FIX FROM 1 1/4 TO 1 - IAW 8260.3E TABLE 3-3-7.

COORDINATED WITH:

A4A [ ] **ALPA** [X] **AOPA** [X] **APA** [ ] **HAI** [ ] **NBAA** [X] **OTHER:** ZAU ARTCC, CMI ATCT, AMGR

FLIGHT CHECKED BY	*Digitally signed by* ***DAVID DANNER*** Mar 08, 2024	**OFFICE**	**DATE**	
MARC WEBBER		FPO	03/06/2024	
DEVELOPED BY	*Digitally signed by* ***DAVID DANNER*** Mar 08, 2024	**OFFICE**	**DATE**	
DAVID DANNER (DALLIN STRICKLAND)		AJV-A421	10/30/2023	
APPROVED BY	*Digitally signed by* ***DAVID DANNER*** Mar 08, 2024	**OFFICE**	**DATE**	**TITLE**
DAVID DANNER		AJV-A421	05/16/2024	MANAGER

QUALITY 6 CHECKED

FEDERAL AVIATION ADMINISTRATION
FLIGHT STANDARDS SERVICE
STANDARD INSTRUMENT APPROACH PROCEDURE DATA RECORD

AIRPORT ID	PROCEDURE NAME	AMDT NO.	CITY	STATE	AIRPORT ELEVATION	FACILITY
C16	VOR-A	11C	URBANA	IL	735	CMI

PART A: OBSTRUCTION DATA SEGMENTS

INTERMEDIATE: PT

FROM
10 NM

TO
CMI VORTAC

RNP	DISTANCE	PAT	MAP	HAT	HMAS
	7.30				

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
TOWER (17-000411)	395427.00N/0881644.00W	1080	20	3	1A	500					1600
TERRAIN	400203.00N/0881651.00W	751 (800)								AS1500	2300

COMPUTATIONS

ALT	KIAS	KTAS	HAA	VKTW	TR	BA	DTA	COURSE CHANGE	DVEB	VEB OCS	RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

FINAL

FROM
CMI VORTAC

TO
FANUK/CMI VORTAC 5.50 DME

RNP	DISTANCE	PAT	MAP	HAT	HMAS
	5.50				

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
ANTENNA (17-082126)	400504.48N/0881453.34W	1151	20	10	1B	250				RA19 XL66 DG54	1540

COMPUTATIONS

ALT	KIAS	KTAS	HAA	VKTW	TR	BA	DTA	COURSE CHANGE	DVEB	VEB OCS	RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

QUALITY 6 CHECKED

AIRPORT ID	PROCEDURE NAME	AMDT NO.	CITY	STATE	AIRPORT ELEVATION	FACILITY
C16	VOR-A	11C	URBANA	IL	735	CMI

FINAL: STEPDOWN

FROM
FANUK/CMI VORTAC 5.50 DME

TO
7.30 NM AFTER CMI VORTAC OR AT MABNE/CMI VORTAC 7.30 DME

RNP	DISTANCE	PAT	MAP	HAT	HMAS
	1.80		7.30 NM AFTER CMI VORTAC OR AT MABNE/CMI VORTAC 7.30 DME		

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
TOWER (17-020570)	400652.61N/0881324.23W	975	250	50	4D	250				AC50 RA19	1300

COMPUTATIONS

ALT	KIAS	KTAS	HAA	VKTW	TR	BA	DTA	COURSE CHANGE	DVEB	VEB OCS	RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

PROCEDURE TURN

FROM
CMI VORTAC

TO
10 NM

RNP	DISTANCE	PAT	MAP	HAT	HMAS

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
TOWER (17-000411)	395427.00N/0881644.00W	1080	250	50	4D	1000				AT420	2500
TERRAIN	400051.00N/0881527.00W	754 (800)								AS1500	2300

COMPUTATIONS

ALT	KIAS	KTAS	HAA	VKTW	TR	BA	DTA	COURSE CHANGE	DVEB	VEB OCS	RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

QUALITY 6 CHECKED

AIRPORT ID	PROCEDURE NAME	AMDT NO.	CITY	STATE	AIRPORT ELEVATION	FACILITY
C16	VOR-A	11C	URBANA	IL	735	CMI

MISSED APPROACH

FROM

TO
OCTOE INT

RNP	DISTANCE	PAT	MAP	HAT	HMAS
					1206

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
							ASC				2500
TOWER (17-003481)	400912.21N/0880656.50W	1185	500	50	5D	1000					2200
TERRAIN	401000.00N/0881018.00W	751 (800)								AS1500	2300

COMPUTATIONS

ALT	KIAS	KTAS	HAA	VKTW	TR	BA	DTA	COURSE CHANGE	DVEB	VEB OCS	RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

WITHOUT FANUK DME FIX MINIMUMS.

MISSED APPROACH

FROM
7.30 NM AFTER CMI VORTAC OR AT MABNE/CMI VORTAC 7.30 DME

TO
OCTOE INT

RNP	DISTANCE	PAT	MAP	HAT	HMAS
					1031

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
							ASC				2500
TOWER (17-003481)	400912.21N/0880656.50W	1185	500	50	5D	1000					2200
TERRAIN	401000.00N/0881018.00W	751 (800)								AS1500	2300

COMPUTATIONS

ALT	KIAS	KTAS	HAA	VKTW	TR	BA	DTA	COURSE CHANGE	DVEB	VEB OCS	RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

WITH FANUK DME FIX MINIMUMS.

QUALITY 6 CHECKED

AIRPORT ID	PROCEDURE NAME	AMDT NO.	CITY	STATE	AIRPORT ELEVATION	FACILITY
C16	VOR-A	11C	URBANA	IL	735	CMI

CIRCLING ☐ ALL CATS ☒ CAT A ☒ CAT B ☒ CAT C ☒ CAT D ☐ CAT E ☐ NOT AUTHORIZED

OBSTRUCTION	COORDINATES	RADIUS	HAA	ELEV MSL	HORZ	VERT	AC	ROC	OCS	ADJUSTMENTS	MIN ALT
CATEGORY A											
TOWER (17-003736)	400744.66N/0881302.61W	1.30	805/565	898	50	20	2C	300		SI/SI/RA19	1540/1300
CATEGORY B											
BUILDING (17-003414)	400705.00N/0881252.60W	1.83	805/565	904	50	20	2C	300		SI/SI/RA19	1540/1300
CATEGORY C											
TOWER (17-002496)	400640.00N/0881435.00W	2.88	805/685	1084	20	3	1A	300		SI/RA19	1540/1420
CATEGORY D											
TOWER (17-003481)	400912.21N/0880656.50W	3.76	825/825	1185	500	50	5D	300		AC50 RA19	1560/1560

CIRCLING REMARKS:

MSA

CENTER	RADIUS
CMI VORTAC	25

SECTOR	OBSTRUCTION	COORDINATES	BEARING	DISTANCE	ELEV MSL	HORZ	VERT	AC	ROC	OCS	ADJUSTMENTS	MIN ALT
360-360	TOWER (17-000470)	400411.00N/0875445.00W	080	16.9	1999	250	50	4D	1000			3000

MSA REMARKS:

NOTES/EXPLANATIONS FROM PROCEDURE SEGMENTS:

QUALITY 6 CHECKED

AIRPORT ID	PROCEDURE NAME	AMDT NO.	CITY	STATE	AIRPORT ELEVATION	FACILITY
C16	VOR-A	11C	URBANA	IL	735	CMI

PART B: SUPPLEMENTAL DATA

COMMUNICATIONS WITH

CMI TOWER

WX SERVICE	LOCATION	HRS OPERATION	ALTIMETER SOURCE	DISTANCE	SERVICE-A	ADJUSTMENTS
ASOS	CMI	24	CMI	7.41	Y	19

BACK-UP WX SERVICE	LOCATION	HRS OPERATION	ALTIMETER SOURCE	DISTANCE	SERVICE-A	ADJUSTMENTS
ASOS	DEC	24	DEC	36.00	Y	91

WX REMARKS:

RASS PRESSURE PATTERNS THE SAME
KC16 735, KCMI 744
RA=19.0
KC16 735, KDEC 682
RA=90.3
90.3-19.0=71.3 (72)

PRIMARY NAVAID	MONITOR POINT	HRS OPERATION	CAT
CMI VORTAC	MOCC	24	1

APPROACH AND RUNWAY LIGHTING SYSTEM	RUNWAY MARKINGS	RUNWAY VISUAL RANGE
RW18		
RW36		
RW09 - MIRL	BSC-F	
RW27 - MIRL	BSC-F	

GLIDESLOPE ANGLE	ELEV RWY THRESHOLD	TCH	ELEV GS ANTENNA	DISTANCE FROM RWY	VGSI ANGLE	TCH

FINAL APPROACH COURSE AIMING

RUNWAY THRESHOLD ☐ FT FROM THRESHOLD DISPLACED THRESHOLD DISTANCE
ON CENTERLINE ☐ FT FROM CENTERLINE

CRITICAL TEMPERATURES

CRITICAL LOW	CRITICAL HIGH	ACT	APT ISA

CRITICAL TEMPERATURE REMARKS:

QUALITY 6 CHECKED

AIRPORT ID	PROCEDURE NAME	AMDT NO.	CITY	STATE	AIRPORT ELEVATION	FACILITY
C16	VOR-A	11C	URBANA	IL	735	CMI

"VISUAL PORTION OF FINAL" PENETRATIONS

PENETRATIONS REMARKS:

20:1 PENETRATIONS ASSUMED DUE TO NO OIS SURVEY.

HELICOPTER 'VISUAL PORTION OF FINAL' PENETRATIONS

and/or

5280-FT "PROCEED VFR" SEGMENT LEVEL SURFACE AREA PENETRATIONS

PENETRATIONS REMARKS:

PART C: GENERAL REMARKS:

VDP NOT ESTABLISHED - PROCEUDRE IS CIRCLING ALIGNED.

PRECIPITOUS TERRAIN EVALUATION COMPLETED.

PROCEDURE NA AT NIGHT DUE TO NO OIS SURVEY.

CIRCLING TO RWY 18 AND 36 NA DUE TO TURF RWY NOT RAPT APPROVED.

ORDER 8260.3, CHAPTER 2, NEW CIRCLING CRITERIA APPLIED.

PART D: AIRSPACE

DOCKET #

ALL DISTANCES TO 1/100NM; ELEVATION TO NEAREST 100 FEET; COORDINATES TO 1/100 SECOND; DEG TO 1/100 DEGREE

DISTANCE FROM	ARP	**TO 1000FT POINT**	5.83
WIDTH OF	FINAL	**SEGMENT AT 1000FT POINT**	2.15
TRUE COURSE OF	FINAL	**SEGMENT CONTAINING 1000FT POINT**	028.00
HIGH TERRAIN IN	FINAL	**SEGMENT CONTAINING 1000FT POINT**	800
DISTANCE FROM	ARP	**TO 1500FT POINT**	7.30
WIDTH OF	FINAL	**SEGMENT AT 1500FT POINT**	2.00
TRUE COURSE OF	FINAL	**SEGMENT CONTAINING 1500FT POINT**	028.00
HIGH TERRAIN IN	FINAL	**SEGMENT CONTAINING 1500FT POINT**	800

THRESHOLD COORDINATES (IF STR-IN)	
ARP COORDINATES	400847.04N/0881154.56W
RUNWAY APCH END AND DIST FURTHEST FROM ARP	RUNWAY 9 DISTANCE 0.42 NM
FAF COORDINATES	400204.31N/0881633.87W
FIX NAME COORDINATES	

REMARKS

NO ADDITIONAL AIRSPACE REQUIRED.

PART E: PREPARED BY

NAME	OFFICE	DATE	TITLE
DAVID DANNER (DALLIN STRICKLAND)	AJV-A421	10/30/2023	AERONAUTICAL INFORMATION SPECIALIST

QUALITY 6 CHECKED