

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> UNIVERSITY OF ILLINOIS-WILLARD	<u>AIRPORT ID</u> KCMJ	<u>PROCEDURE NAME</u> ILS OR LOC RWY 32R	<u>ORIGINAL/AMENDMENT</u> 13A	<u>CITY</u> CHAMPAIGN/URBANA	<u>STATE</u> IL	
<u>AIRPORT ELEVATION</u> 755	<u>TDZE</u> 750	<u>SUPERSEDED</u> ILS OR LOC RWY 32R	<u>ORIGINAL/AMENDMENT</u> 13	<u>DATED</u> 03/05/2015	<u>MAG VAR</u> 3W	<u>EPOCH YEAR</u> 2015
<u>FACILITY</u> I-CMJ	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u>	<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>
OCTOE INT/12.19 DME		VEALS LOM/I-CMJ 7.00 DME					218.73	11.47	2600
CMJ VORTAC		VEALS LOM/I-CMJ 7.00 DME					130.46	5.95	2600
NEWMY INT/18.85 DME	IAF	JAVOM INT/I-CMJ 13.13 DME	NOPT				273.61 & 318.61	4.96 (HDG) & 2.90 (I-CMJ)	2600
JAVOM INT/I-CMJ 13.13 DME	IF	VEALS LOM/I-CMJ 7.00 DME					318.61	6.13 (I-CMJ)	2600

MISSED APPROACH

MAP:

ILS: DA
LOC: 5.47 NM AFTER VEALS LOM/I-CMJ 7.00 DME OR AT I-CMJ 1.53 DME

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 1200 THEN CLIMBING LEFT TURN TO 2800 ON CMJ VORTAC R-297 TO LODGE INT/CMJ VORTAC 13.24 DME AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS (DO NOT CHART):

CLIMB TO 3000 DIRECT BMI VOR/DME AND HOLD.

PROFILE:

1. PT L **SIDE OF COURSE** 138.61 **OUTBOUND** 2600 **FT WITHIN** 10 **MILES OF** VEALS LOM (IAF)

2.

3. **FAF:** 318.61 **FAF:** VEALS LOM/I-CMJ 7.00 DME **DIST FAF TO MAP:** 5.47 **DIST FAF TO THLD:** 5.47

4. **MIN ALT:** VEALS LOM/I-CMJ 7.00 DME 2600

5. **DIST TO THLD FROM OM:** 5.47 **MM:** **IM:** **150 HAT:** **HAT:** **GS ANT:** 1065

6. **MIN GS INCPT:** 2600 **GS ALT AT FAF :** **OM:** 2572 **MM:** **IM:**

7. **GP ANGLE:** 3.00 **34:1:** **20:1:** **TCH:** 52.4

8. **MSA FROM:** CM LOM 3000

EQUIPMENT REQUIREMENTS NOTES

QUALITY
22
CHECKED

NOTES:

CHART NOTE: **RVR 1800 AUTHORIZED WITH USE OF FD OR AP OR HUD TO DA.
CHART NOTE: FOR INOPERATIVE ALS, INCREASE S-LOC 32R CAT C AND D VISIBILITY TO RVR 6000.

ADDITIONAL FLIGHT DATA:

CHART CIRCLING ICON.
CHART: ASR
CHART IN PLANVIEW: BMI VOR/DME
CHART VDP AT 2.65 DME*
DISTANCE VDP TO THLD 1.12 NM
* LOC ONLY
FAS OBST: 893 AAO 395910N/0881315W.
CHART IN PLANVIEW: ALTERNATE MA HOLDING, HOLD NW BMI VOR/DME, RT, 128.54 INBOUND.
HOLD NW, LT, 116.58 INBOUND

MINIMUMS:

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

ALTERNATE: NA ☐ ILS: STANDARD - NA WHEN CONTROL TOWER CLOSED.; LOC: STANDARD - CAT C 800-2 1/4, CAT D 800-2 1/2, NA WHEN CONTROL TOWER CLOSED.

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 32R**	950	2400	200	950	2400	200	950	2400	200	950	2400	200			
S-LOC 32R	1160	2400	410	1160	2400	410	1160	4000	410	1160	4000	410			
CIRCLING	1240	1	485	1240	1	485	1500	2 1/4	745	1500	2 1/2	745			

CHANGES - REASONS

- 1. REMOVED "OR AS DIRECTED BY ATC" FROM PRIMARY MISSED APPROACH - CURRENT DOCUMENTATION POLICY.
- 2. ADDED "DO NOT CHART" TO ALTERNATE MISSED APPROACH - CURRENT DOCUMENTATION POLICY.
- 3. MOVED BACKUP ALTIMETER NOTES TO BACK OF FORM 8260-9 - CURRENT DOCUMENTATION POLICY.
- 4. REMOVED "NA WHEN LOCAL WEATHER NOT AVAILABLE" FROM ALTERNATE MINIMUMS - PRIMARY WEATHER IS ON WMSCR.
- 5. REMOVED NON-STANDARD ALTERNATE MINIMUMS FOR S-ILS 32R - S-ILS 32R HAS STANDARD ALTERNATE MINIMUMS USING CURRENT GUIDANCE.
- 6. ADDED INOPERATIVE ALS NOTE - NON-STANDARD ADJUSTMENTS REQUIRED.
- 7. REMOVED CNF FIX CFBQZ - CURRENT DOCUMENTATION POLICY.

PDF EDITS:
1. TERMINAL ROUTE NEWMY TO JAVOM, INSERTED (HDG) AFTER 4.96.



COORDINATED WITH:

A4A ☒ ALPA ☒ AOPA ☒ APA ☒ HAI ☐ NBAA ☒ OTHER: ZAU, CMI ATCT, AMGR

FLIGHT CHECKED BY		OFFICE	DATE	
DEVELOPED BY		OFFICE	DATE	
RUSS ROSLEWSKI	Digitally signed by RUSSELL ROSLEWSKI	AJV-5423	01/23/2018	
APPROVED BY	Mar 07, 2018	OFFICE	DATE	TITLE
JULIE MORGAN		AJV-5420		MANAGER



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

AIRPORT	AIRPORT ID	PROCEDURE NAME	AMDT NO.	CITY	STATE	AIRPORT ELEVATION	FACILITY
UNIVERSITY OF ILLINOIS- WILLARD	KCMI	ILS OR LOC RWY 32R	13A	CHAMPAIGN/URBANA	IL	755	I-CMI

PART A: OBSTRUCTION DATA SEGMENTS

FEEDER

FROM

OCTOE INT/12.19 DME

TO

VEALS LOM/I-CMI 7.00 DME

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>	<u>HAT</u>			<u>HMAS</u>				
	11.47										
<u>OBSTRUCTION</u>	<u>COORDINATES</u>	<u>ELEV MSL</u>	<u>HORZ</u>	<u>VERT</u>	<u>AC</u>	<u>ROC</u>	<u>OCS</u>	<u>CG</u>	<u>CGTA</u>	<u>ADJUSTMENTS</u>	<u>MIN ALT</u>
1.TOWER (17-000470)	400411.00N/0875445.00W	1999	250	50	4D	1000				AT301 SA-700	2600
2.TERRAIN	400318.00N/0881109.00W	768 (800)								AS1500	2300

COMPUTATIONS

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

SEGMENT
REMARKS:
OBST #1 LOCATED 2.10 NM INTO SECONDARY AREA.

FEEDER

FROM

CMI VORTAC

TO

VEALS LOM/I-CMI 7.00 DME

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>	<u>HAT</u>			<u>HMAS</u>				
	5.95										
<u>OBSTRUCTION</u>	<u>COORDINATES</u>	<u>ELEV MSL</u>	<u>HORZ</u>	<u>VERT</u>	<u>AC</u>	<u>ROC</u>	<u>OCS</u>	<u>CG</u>	<u>CGTA</u>	<u>ADJUSTMENTS</u>	<u>MIN ALT</u>
3.TOWER (17-002345)	400129.00N/0880828.00W	1190	500	50	5D	1000				AT410	2600
2.TERRAIN	400318.00N/0881109.00W	768 (800)								AS1500	2300

COMPUTATIONS

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

SEGMENT
REMARKS:



I-CMI

<u>AIRPORT</u>	<u>AIRPORT ID</u>	<u>PROCEDURE NAME</u>	<u>AMDT NO.</u>	<u>CITY</u>	<u>STATE</u>	<u>AIRPORT ELEVATION</u>	<u>FACILITY</u>
UNIVERSITY OF ILLINOIS- WILLARD	KCMI	ILS OR LOC RWY 32R	13A	CHAMPAIGN/URBANA	IL	755	I-CMI

PART C: GENERAL REMARKS:

PRECIPITOUS TERRAIN EVALUATION COMPLETED.

FOR CONTINGENCY BACKUP ALTIMETER USE ONLY:
CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE RANTOUL ALTIMETER SETTING; INCREASE DA TO 991 FEET; INCREASE ALL MDAS 60 FEET AND S-LOC 32R VISIBILITY CATS C AND D TO RVR 5000.
CHART NOTE: FOR INOPERATIVE ALS WHEN USING RANTOUL ALTIMETER SETTING, INCREASE S-LOC 32R CAT C AND D VISIBILITY TO 1 3/8 SM.
CHART NOTE: **RVR1800 NA WHEN USING RANTOUL ALTIMETER SETTING.
CHART NOTE: VDP NA WHEN USING RANTOUL ALTIMETER SETTING.

ALL TREES ASSUMED TO BE 100'.

*TOWER OPEN
**TOWER CLOSED
SEE CHART SUPPLEMENT FOR HOURS OF OPERATION.

NO ADDITIONAL AIRSPACE REQUIRED.

PART E: PREPARED BY

<u>NAME</u>	<u>OFFICE</u>	<u>DATE</u>	<u>TITLE</u>
RUSS ROSLEWSKI	AJV-5423	01/23/2018	AERONAUTICAL INFORMATION SPECIALIST

