

**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.

<u>AIRPORT</u> BOLINGBROOK'S CLOW INTL	<u>AIRPORT ID</u> 1C5	<u>PROCEDURE NAME</u> VOR-A	<u>ORIGINAL/AMENDMENT</u> 1B	<u>CITY</u> BOLINGBROOK	<u>STATE</u> IL	
<u>AIRPORT ELEVATION</u> 675	<u>TDZE</u>	<u>SUPERSEDED</u> VOR-A	<u>ORIGINAL/AMENDMENT</u> 1A	<u>DATED</u> 09/13/2018	<u>MAG VAR</u> 2E	<u>EPOCH YEAR</u> 1965
<u>FACILITY</u> JOT	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u>	<u>REQUIRED EFFECTIVE DATE</u> ROUTINE	<u>CANCEL/SUSPEND</u>		

**TERMINAL ROUTES**

<u><b>FROM</b></u>	<u><b>FIX TYPE</b></u>	<u><b>TO</b></u>	<u><b>FIX TYPE</b></u>	<u><b>LEG TYPE</b></u>	<u><b>FO/FB</b></u>	<u><b>RNP</b></u>	<u><b>COURSE</b></u>	<u><b>DISTANCE</b></u>	<u><b>ALTITUDE</b></u>
JOT VOR/DME	IF/IAF	HARIE INT/JOT 7.00 DME					041.42	7.00	2000

**MISSED APPROACH**

**MAP:**

5.16 NM AFTER HARIE INT/JOT 7.00 DME OR AT JITOK/12.16 DME FIX

**MISSED APPROACH INSTRUCTIONS:**

CLIMBING RIGHT TURN TO 2200 DIRECT JOT VOR/DME AND HOLD.

**ALTERNATE MISSED APPROACH INSTRUCTIONS:**

**PROFILE:**

1. PT      **SIDE OF COURSE**                      **OUTBOUND**                      **FT WITHIN**                      **MILES OF (IAF)**
2. HOLD SW JOLIET VOR/DME, RT, 051.00 INBOUND, 2200 FT. IN LIEU OF PT (IAF), MAX 6000.
3. **FAC:** 041.42      **FAF:** HARIE INT/JOT 7.00 DME      **DIST FAF TO MAP:** 5.16      **DIST FAF TO THLD:**
4. **MIN ALT:** JOT VOR/DME 2200, HARIE INT/JOT 7.00 DME 2000
8. **MSA FROM:** JOT VOR/DME 2600

**EQUIPMENT REQUIREMENTS NOTES:**

**NOTES:**

CHART NOTE: PROCEDURE NA AT NIGHT.  
CHART PLANVIEW NOTE: NOPT FOR ARRIVAL ON JOT VOR/DME AIRWAY RADIALS 171 CW 328.  
CHART NOTE: USE LEWIS UNIVERSITY ALTIMETER SETTING.



**ADDITIONAL FLIGHT DATA:**  
CHART LEWIS UNIVERSITY AWOS-3  
FAC CROSSES MIDPOINT OF RWY 18/36.  
CHART CIRCLING ICON.  
CHART FAS OBST: 916 TOWER 413814N/0881234W.

**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
CIRCLING	1180	1	505	1220	1	545		NA			NA				

**CHANGES - REASONS**  
1. ADDED CHART NOTE: USE LEWIS UNIVERSITY ALTIMETER SETTING - NO LOCAL ALTIMETER AVAILABLE AND NOTAM !FDC 8/9941.

**COORDINATED WITH:**  
**A4A** ☐ **ALPA** ☒ **AOPA** ☒ **APA** ☐ **HAI** ☐ **NBAA** ☒ **OTHER:** CHI APP CON, AMGR

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

**DEVELOPED BY**  
DONALD H. LANIER (ARTHUR ULVESTAD) *Digitally signed by*  
**DONALD H LANIER**  
Apr 04, 2019

**APPROVED BY**  
PATRICK MULQUEEN *Digitally signed by*  
**DONALD H LANIER**  
Apr 04, 2019

<b>OFFICE</b>	<b>DATE</b>
<b>OFFICE</b>	<b>DATE</b>
AJV-A431	02/14/2019
<b>OFFICE</b>	<b>DATE</b>
AJV-A430	

**TITLE**  
MANAGER



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

<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>
BOLINGBROOK'S CLOW INTL	1C5	VOR-A	1B	BOLINGBROOK	IL	675	JOT

**PART A: OBSTRUCTION DATA SEGMENTS**

**INTERMEDIATE**

<u>FROM</u>	<u>TO</u>
JOT VOR/DME (IF/IAF)	HARIE INT/JOT 7.00 DME

<u>RNP</u>	<u>DISTANCE</u> 7.00	<u>PAT</u>	<u>MAP</u>	<u>HAT</u>	<u>HMAS</u>							
<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 (17-001137)	413045.00N/0881518.00W		1043	500	50	5D	500				AT457	2000
2.TERRAIN	413751.00N/0881633.00W		719 (700)								AS1000	1700

**COMPUTATIONS**

<u>ALT</u>	<u>KIAS</u>	<u>KTAS</u>	<u>HAA</u>	<u>VKTW</u>	<u>TR</u>	<u>BA</u>	<u>DTA</u>	<u>COURSE CHANGE</u>	<u>DVEB</u>	<u>VEB OCS</u>	<u>RF CENTER FIX/DISTANCE</u>
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**SEGMENT REMARKS:**

**FINAL**

<u>FROM</u>	<u>TO</u>
HARIE/JOT VOR/DME 7.00 DME	5.16 NM AFTER HARIE INT/JOT 7.00 DME OR AT JITOK/12.16 DME FIX

<u>RNP</u>	<u>DISTANCE</u> 5.16	<u>PAT</u>	<u>MAP</u> 5.16 NM AFTER HARIE INT/JOT 7.00 DME OR AT JITOK/12.16 DME FIX	<u>HAT</u>	<u>HMAS</u>							
<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 (17-000117)	413814.30N/0881234.00W		916	50	20	2C	250				RA14	1180

**COMPUTATIONS**

<u>ALT</u>	<u>KIAS</u>	<u>KTAS</u>	<u>HAA</u>	<u>VKTW</u>	<u>TR</u>	<u>BA</u>	<u>DTA</u>	<u>COURSE CHANGE</u>	<u>DVEB</u>	<u>VEB OCS</u>	<u>RF CENTER FIX/DISTANCE</u>
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**SEGMENT REMARKS:**





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											
6.TANK (17-002346)	414202.72N/0880800.03W	1.30	505	834	50	20	2C	300		SI	1180
CATEGORY B											
7.TRANSMISSION_LINE (17-054043)	414224.24N/0880549.90W	1.83	545	867	20	10	1B	300		RA14/XP39	1220

CIRCLING REMARKS:  
XP39 - TO RETAIN CURRENTLY PUBLISHED MDA.

MSA

CENTER

JOT VOR/DME

RADIUS

25

SECTOR	OBSTRUCTION	COORDINATES	BEARING	DISTANCE	ELEV MSL	HORZ	VERT	AC	ROC	OCS	ADJUSTMENTS	MIN ALT
360-360	TWR (17-000007)	415605.00N/0880424.00W	023	25.8	1508	250	50	4D	1000			2600

MSA REMARKS:

NOTES/EXPLANATIONS FROM PROCEDURE SEGMENTS:



## CHICAGO APP CON, ZAU ARTCC, IKK FSS

**WX REMARKS:**

RASS PRESSURE PATTERNS THE SAME  
K1C5 675, KLOT/KJOT 679/528  
RA = 13.8/37.4

<u>GLIDESLOPE ANGLE</u>	<u>ELEV RWY THRESHOLD</u>	<u>TCH</u>	<u>ELEV GS ANTENNA</u>	<u>DISTANCE FROM RWY</u>	<u>VGSI ANGLE</u>	<u>TCH</u>
<u>FINAL APPROACH COURSE AIMING</u>						
RUNWAY THRESHOLD	<input type="text"/>	FT FROM THRESHOLD	DISPLACED THRESHOLD DISTANCE			
ON CENTERLINE	<input type="text"/>	FT FROM CENTERLINE				
<u>CRITICAL TEMPERATURES</u>						
<u>CRITICAL LOW</u>	<u>CRITICAL HIGH</u>	<u>ACT</u>	<u>APT ISA</u>			

**CRITICAL TEMPERATURE REMARKS:**


<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>
BOLINGBROOK'S CLOW INTL	1C5	VOR-A	1B	BOLINGBROOK	IL	675	JOT

**"VISUAL PORTION OF FINAL" PENETRATIONS**

Final Type	RWY 18	
20:1		
742 TREE (17-053534) 414214.32N/0880751.26W (13.65)	716 TREE (17-053661) 414209.32N/0880749.26W (13.17)	
728 TREE (17-054189) 414211.86N/0880751.22W (12.10)	711 TREE (17-058271) 414208.75N/0880748.31W (11.15)	
708 TREE (17-054156) 414208.76N/0880749.18W (8.01)	708 TREE (17-054159) 414208.86N/0880747.29W (7.71)	
708 TREE (17-054165) 414208.96N/0880746.97W (7.24)	707 TREE (17-054153) 414208.83N/0880747.58W (6.83)	
705 TREE (17-053400) 414208.55N/0880749.33W (6.05)	706 TREE (17-054091) 414208.79N/0880747.96W (5.99)	
705 TREE (17-053402) 414208.63N/0880748.92W (5.69)	704 TREE (17-053833) 414208.92N/0880748.92W (3.23)	
701 TREE (17-058078) 414208.44N/0880743.72W (3.22)	697 TREE (17-054148) 414207.64N/0880749.54W (2.63)	
706 TREE (17-053410) 414209.48N/0880749.93W (2.28)	697 TREE (17-053820) 414207.87N/0880744.61W (2.01)	
697 SIGN (17-002595) 414208.00N/0880745.00W (1.31)	699 TREE (17-053324) 414208.42N/0880744.48W (1.24)	
697 TREE (17-053583) 414208.09N/0880743.86W (0.98)	695 TREE (17-058274) 414207.59N/0880749.88W (0.85)	
685 TREE (17-053623) 414205.74N/0880744.30W (0.82)	702 POLE (17-053894) 414209.20N/0880746.35W (0.09)	

Final Type	RWY 18										
34:1											
NA											

Final Type	RWY 36	
20:1		
703 TREE (17-058370) 414120.03N/0880742.51W (11.84)		690 TREE (17-053660) 414121.18N/0880746.33W (5.08)
692 TREE (17-058368) 414120.61N/0880742.35W (3.76)		691 TREE (17-053488) 414120.77N/0880743.20W (3.66)
684 TREE (17-053396) 414122.08N/0880743.12W (3.28)		678 POLE (17-053871) 414122.80N/0880743.10W (0.92)
690 TREE (17-054235) 414120.30N/0880748.42W (0.85)		682 ANTENNA (17-054088) 414121.83N/0880746.67W (0.40)
674 TREE (17-053684) 414123.70N/0880742.43W (1.40)		

Final Type	RWY 36										
34:1											
NA											



**HELICOPTER 'VISUAL PORTION OF FINAL' PENETRATIONS**

and/or  
**5280-FT "PROCEED VFR" SEGMENT LEVEL SURFACE AREA PENETRATIONS**

**PART C: GENERAL REMARKS:**

VDP NOT ESTABLISHED - FINAL IS CIRCLING ONLY.

PRECIPITOUS TERRAIN EVALUATION COMPLETED.

CONTINGENCY NOTE: USE LEWIS UNIVERSITY ALTIMETER SETTING, WHEN NOT RECEIVED, USE JOLIET ALTIMETER AND INCREASE ALL MDA 40 FEET.

NO ADDITIONAL AIRSPACE REQUIRED.

ORDER 8260.3, VOLUME 1, CHAPTER 2, NEW CIRCLING CRITERIA APPLIED.







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BOLINGBROOK'S CLOW INTL	1C5	VOR-A	1B	BOLINGBROOK	IL	675	JOT

PART E: PREPARED BY

<u>NAME</u>	<u>OFFICE</u>	<u>DATE</u>	<u>TITLE</u>
DONALD H. LANIER (ARTHUR ULVESTAD)	AJV-A431	02/14/2019	AERONAUTICAL INFORMATION SPECIALIST

