

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION LOC STANDARD INSTRUMENT APPROACH PROCEDURE FLIGHT STANDARDS SERVICE - TITLE 14 CFR PART 97.25										Bearings, headings, courses, 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 in feet RVR.										
TERMINAL ROUTES										MISSED APPROACH										
FROM			TO			COURSE AND DISTANCE			ALTITUDE		MAP: LOC: HUNAX/I-SQI 0.49 DME FIX									
PLL VOR/DME			JIGRO/I-SQI 5.18 DME			215.52 / 19.66			2500		CLIMB TO 1500 THEN CLIMBING LEFT TURN TO 2700 DIRECT PLL VOR/DME AND HOLD.									
CVA VORTAC (IAF)			GIBON INT/I-SQI 14.67 DME (NOPT)			094.21 / 22.19			2700											
GIBON INT/I-SQI 14.67 DME (IF)			JIGRO/I-SQI 5.18 DME			072.14 / 9.49 (I-SQI)			2400											
										ADDITIONAL FLIGHT DATA: HOLD W, RT, 085.00 INBOUND. CHART FAS OBST: 769 TREE 414352N/0894214W CHART IN PROFILE VIEW: I-SQI DME ANTENNA CHART CIRCLING ICON. JIGRO TO RW07: 3.00/49. CHART PLANVIEW NOTE: DME REQUIRED.										
1. PT <u>L</u> SIDE OF COURSE <u>252.14</u> OUTBOUND <u>2400</u> FT WITHIN <u>10</u> MILES OF <u>JIGRO</u> (IAF)																				
2.																				
3. FAC <u>072.14</u> FAF <u>JIGRO/I-SQI 5.18 DME</u> DIST FAF TO MAP <u></u> THLD <u>5.35</u>																				
4. MIN. ALT <u>JIGRO 2400, IROCI/I-SQI 1.72 DME 1300</u>																				
8. MSA FROM: <u>PLL VOR/DME 2600</u>										MAG VAR: <u>2W</u> EPOCH YEAR: <u>2020</u>										
MINIMUMS																				
TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT										ALTERNATE: N A		X								
CATEGORY =====>		A			B			C			D			E						
	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA					
S-LOC 07	1020	1	372	1020	1	372	1020	1	372	1020	1	372								
CIRCLING	1140	1	492	1140	1	492	1160	1 1/2	512	1480	2 3/4	832								
NOTES: CHART NOTE: CIRCLING RWY 36 NA AT NIGHT. CHART NOTE: RWY 7 HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED. CHART NOTE: DME REQUIRED. CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVAL ON PLL VOR/DME AIRWAY RADIALS 180 CW 265. (CONTINUED ON PAGE 2)																				
CITY AND STATE STERLING/ROCKFALLS, IL		ELEVATION: 648 AIRPORT NAME:  WHITESIDE CO ARPT-JOS H BITTORF FLD		TDZE: 648		FACILITY IDENTIFIER: I-SQI		PROCEDURE NO./AMDT NO./EFFECTIVE DATE: LOC BC RWY 7, AMDT 6				SUP AMDT 5A DATE 06/12/2004								



ALL AFFECTED PROCEDURES REVIEWED? <input type="checkbox"/> YES <input type="checkbox"/> NO	COORDINATES OF FACILITIES <div style="text-align: center;"><b>SEE CHANGES</b></div>	REQUIRED EFFECTIVE DATE <div style="text-align: center;"><b>ROUTINE</b></div>
COORDINATED WITH: <div style="display: flex; justify-content: space-between; align-items: flex-start;"> <div style="text-align: center;">ATA <input type="checkbox"/></div> <div style="text-align: center;">AAT <input type="checkbox"/></div> <div style="text-align: center;">ALPA <input checked="" type="checkbox"/></div> <div style="text-align: center;">APA <input type="checkbox"/></div> <div style="text-align: center;">AOPA <input checked="" type="checkbox"/></div> <div style="text-align: center;">NBAA <input checked="" type="checkbox"/></div> <div style="text-align: center;">OTHER (specify) <input checked="" type="checkbox"/> <u>ZAU, RFD APP CON, AMGR</u></div> </div>		
FLIGHT CHECKED BY		
NAME:	FIFO	DATE:
DEVELOPED BY		
NAME:  <div style="text-align: right;"> <b>GEORGETTE P. BARNETT</b> </div>	FIFO <b>AJV-5422</b>	DATE: <b>08/02/2017</b>
APPROVED BY      Aug 29, 2017		
NAME:  <div style="text-align: right;"> <b>JULIE A. MORGAN</b> </div>	FIFO <b>AJV-5420</b>	DATE:
CHANGES: <ol style="list-style-type: none"> <li>1. FINAL COURSE CHANGED FROM 069.15 TO 072.14.</li> <li>2. PFAF/FAF CHANGED FROM BOZ NDB TO JIGRO DME FIX, ALTITUDE CHANGED FROM 2200 TO 2400.</li> <li>3. LINE 3: REMOVED DISTANCE FAF TO MAP (DME REQUIRED), FAF TO THLD CHANGED FROM 4.83 TO 5.35.</li> <li>4. ADDED STEPDOWN FIX (IROC) IN FINAL SEGMENT.</li> <li>5. DELETED NOTE: ADF REQUIRED.</li> <li>6. ADDED PLANVIEW AND CHART NOTE: DME REQUIRED, REMOVED TIMING TABLE.</li> <li>7. PROCEDURE TURN ALTITUDE CHANGED FROM 2200 TO 2400.</li> <li>8. MSA FACILITY CHANGED FROM BOZ NDB TO PLL VOR/DME.</li> <li>9. S-7 HAT CHANGED FROM 373 TO 372.</li> <li>10. S-7 CAT D VISIBILITY CHANGED FROM 1 1/4 SM TO 1 SM.</li> <li>11. CAT A/B CIRCLING HAA CHANGED FROM 493 TO 492, CAT C CIRCLING MDA/HAA CHANGED FROM 1140/493 TO 1160/512, CAT D CHANGED FROM 1200/553 TO 1480/832, VISIBILITY CHANGED FROM 2 SM TO 2 3/4 SM.</li> <li>12. GIBON INT DESIGNATED AS INTERMEDIATE FIX ON FINAL, DISTANCE TO FAF CHANGED FROM 10.00 TO 9.49.</li> <li>13. NAMED MAP HUNAX DME FIX.</li> </ol> (SEE FORM 8260-10)		
REASONS: <ol style="list-style-type: none"> <li>1. AIRPORT AND FACILITY MAG VAR/EPOCH YEAR CHANGED FROM E01/2000 TO W02/2020.</li> <li>2. BOZ NDB SCHEDULED FOR DECOMMISSION, MIRRORED WITH RNAV (GPS) RWY 7 FINAL.</li> <li>3. DISTANCE IS BASED ON NEW FAF LOCATION.</li> <li>4. MAINTAIN CURRENT PUBLISHED MINIMUMS.</li> <li>5/8. BOZ NDB SCHEDULED FOR DECOMMISSION.</li> <li>6. EQUIPMENT REQUIREMENT.</li> <li>7. FAF ALTITUDE CHANGED FROM 2200 TO 2400.</li> <li>9. RUNWAY TDZE CHANGED FROM 647 TO 648.</li> <li>10. VERIFIED USING AFS VISI CALCULATOR.</li> <li>11. APPLIED NEW CIRCLING CRITERIA, AND REQUIRED NOTE, AIRPORT ELEVATION CHANGED FROM 647 TO 648.</li> <li>12. REQUIRED FOR CODING PURPOSES.</li> <li>13. DME ADDED TO FINAL FACILITY, IAW CRITERIA.</li> <li>14. BOZ NDB SCHEDULED FOR DECOMMISSION, PER ATC REQUEST.</li> <li>15. 20:1 OBSTACLE PENETRATION TO RWY 36.</li> </ol> (SEE FORM 8260-10)		

**LOC STANDARD INSTRUMENT APPROACH PROCEDURE  
FLIGHT STANDARDS SERVICE - - TITLE 14 CFR PART 97.25**

Bearings, headings, courses, 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 in feet RVR.

**NOTES, (CONT.):****CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVAL ON CVA VORTAC AIRWAY RADIALS 057 CW 149.****CHART PROFILE NOTE: DISREGARD GS INDICATIONS.**

CITY AND STATE

STERLING/ROCKFALLS, IL

**ELEVATION: 648****TDZE: 648**

AIRPORT NAME:

WHITESIDE CO ARPT-JOS H BITTORF FLD

FACILITY  
IDENTIFIER:

I-SQI

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

LOC BC RWY 7, AMDT 6

SUP:

AMDT: 5A

DATED: 06/12/2004

ALL AFFECTED PROCEDURES REVIEWED? <div><input type="checkbox"/> YES</div> <div><input type="checkbox"/> NO</div>		COORDINATES OF FACILITIES		REQUIRED EFFECTIVE DATE	
COORDINATED WITH:					
ATA <div><input type="checkbox"/></div>		AAT <div><input type="checkbox"/></div>	ALPA <div><input type="checkbox"/></div>	APA <div><input type="checkbox"/></div>	AOPA <div><input type="checkbox"/></div>
NBAA <div><input type="checkbox"/></div>		OTHER (specify) <div><input type="checkbox"/></div>			
FLIGHT CHECKED BY					
NAME:				FIFO	DATE:
DEVELOPED BY					
NAME:				FIFO	DATE:
APPROVED BY					
NAME:				FIFO	DATE:
<div>CHANGES:</div> <div>CHANGES CONT.</div> <div>14. MISSED APPROACH HOLDING FIX CHANGED FROM BOZ NDB TO PLL VOR/DME AND ALTITUDE RAISED FROM 2200 TO 2700.</div> <div>15. ADDED NOTE: CIRCLING RWY 36 NA AT NIGHT.</div> <div>16. ADDED NOTE: RWY 7 HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED.</div> <div>17. ADDED PROCEDURE NA FOR ARRIVAL NOTE FOR ARRIVALS AT PLL VOR/DME AND CVA VORTAC.</div> <div>18. ADDED NOTE IN ADDITIONAL FLIGHT DATA: CHART IN PROFILE VIEW: I-SQI DME ANTENNA.</div> <div>DME: 414415.32N / 0894116.97W,,</div> <div>GS: 414435.67N / 0893955.30W, LOC: 414417.67N / 0894117.37W, THIRD PARTY</div>					
<div>REASONS:</div> <div>REASONS CONT.</div> <div>16. 34:1 OBSTACLE PENETRATIONS TO THE VISUAL SURFACE.</div> <div>17/18. IAW CRITERIA.</div>					



## STANDARD INSTRUMENT APPROACH PROCEDURE DATA RECORD

## PART - A OBSTRUCTION DATA

1. APP SEGMENT		FROM		TO		OBSTRUCTION		COORDINATES		ELEV. MSL		ROC		ALT. ADJUSTMENTS		MIN. ALT.	
FEEDER		PLL VOR/DME		JIGRO/I-SQI 5.18		1. TOWER (17-000637)		415220.00N/0893140.00W		1300 (4D)		1000		AT200		2500	
				DME		2. TERRAIN		415803.00N/0893545.00W		896 (900)				AS1500		2400	
INITIAL		CVA VORTAC		GIBON INT/I-SQI		3. TOWER (19-000834)		413758.00N/0902438.00W		1691 (5D)		1000				2700	
				14.67 DME		4. TERRAIN		414157.00N/0902215.00W		857 (900)				AS1500		2400	
INTERMEDIATE		GIBON INT/I-SQI		JIGRO/I-SQI 5.18		5. TOWER (17-002510)		414033.48N/0900320.98W		933 (2C)		500		AT967		2400	
		14.67 DME		DME		6. TERRAIN		413606.00N/0895706.00W		693 (700)				AS1500		2200	
INTERMEDIATE: PT		10 NM		JIGRO/I-SQI 5.18		7. AAO		413615.09N/0895700.26W		874 (2C)		500		AT1026		2400	
				DME		8. TERRAIN		413615.09N/0895700.26W		674 (700)				AS1500		2200	
FINAL: LOC		JIGRO/I-SQI 5.18		IROCI/I-SQI 1.72		9. AAO		414332.00N/0894615.00W		859 (2C)		250		RA77 DG114		1300	
		DME		DME													
FINAL: LOC STEPDOWN		IROCI/I-SQI 1.72		HUNAX/I-SQI 0.49		10. TREE		414352.00N/0894214.00W		769 (2C)		250				1020	
		DME		DME FIX													
2. PROCEDURE TURN		JIGRO		10 NM		11. TOWER (17-002551)		413445.00N/0895106.00W		1032 (5D)		1000		AT368		2400	
						12. TERRAIN		414303.00N/0900645.00W		771 (800)				AS1500		2300	
3. MISSED APPROACH	MAP:		HUNAX/I-SQI 0.49		PLL VOR/DME						ASC				2700		
			DME FIX				1. TOWER (17-000637)		415220.00N/0893140.00W		1300 (4D)		1000		2300		
	ELEV:		770				13. TERRAIN		415921.00N/0893848.00W		936 (900)				AS1500		
4. CIRCLING AREA		DISTANCE		HT. ABV. ARPT.													
CATEGORY A		1.3 NM		REQUIRED	350	ACTUAL	492	14. TANK (17-001129)		414541.00N/0894158.00W		823 (1B)		300		1140	
CATEGORY B		1.5 NM			450		492	14. TANK (17-001129)		414541.00N/0894158.00W		823 (1B)		300		1140	
CATEGORY C		1.7 NM			450		512	15. TOWER (17-002163)		414533.29N/0893638.34W		860 (1A)		300		1160	
CATEGORY D		2.3 NM			550		832	16. TOWER (17-000047)		414822.00N/0893932.00W		1120 (4D)		300		AC50	
CATEGORY E		4.5 NM			550												
5. MINIMUM SAFE ALTITUDES																	
PRIMARY NAVAID: PLL VOR/DME																	
SECTOR		OBSTRUCTION		BRG/DIST		ELEVATION (MSL)		M S A		SECTOR		OBSTRUCTION		BRG/DIST		ELEVATION (MSL)	
360-360		TWR (17-002117)		314/27.8		1557 (1A)		2600									
CITY AND STATE		STERLING/ROCKFALLS, IL		ELEVATION: 648		AIRPORT NAME:		WHITESIDE CO ARPT-JOS H BITTORF FLD		FACILITY		I-SQI		PROCEDURE AND AMENDMENT NO:		LOC BC RWY 7, AMDT 6	

PART B - SUPPLEMENTAL DATA										PART C - REMARKS:  VDP NOT ESTABLISHED - VDP IS LESS THAN 0.5NM BEFORE MAP.  PRECIPITOUS TERRAIN EVALUATION COMPLETED.  KSQI AWOS-3, KCWI AWOS-3 TRANSMITTED ON WMSCR. KCWI BACK-UP FOR CONTINGENCY PURPOSES (NOTAM). NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE CLINTON ALTIMETER SETTING AND INCREASE ALL MDA 80 FEET, INCREASE S-7 CAT C AND D VISIBILITY 3/8 SM AND CIRCLING CAT D 1/4 SM.  VGSI DATA: 3.00/48.8 USED VGSI ANGLE/TCH FOR PROCEDURE BUILD. FAF LOCATION BASED ON IPDS CALCULATED LOCATION.  VEGETATION HEIGHT 100' PER FPT  ORDER 8260.3, CHAPTER 2, NEW CIRCLING CRITERIA APPLIED. CAT A: 1.30NM CAT B: 1.83NM CAT C: 2.87NM CAT D: 3.75NM  SEE ATTACHED AIRSPACE LETTER. RASS PRESSURE PATTERNS SAME KSQI 647.6, KCWI 707.7 RA = 76.88.  VISUAL PORTION OF FINAL PENETRATIONS: 34:1 716 TREE (17-032585) 414412.87N/0894125.48W (23.01) 709 TREE (17-032587) 414413.66N/0894123.68W (20.59) 713 TREE (17-032584) 414411.51N/0894124.59W (20.50) 720 TREE (17-032678) 414412.48N/0894129.31W (18.59) 702 TREE (17-056722) 414415.12N/0894124.44W (13.47) 702 TREE (17-031677) 414412.54N/0894125.45W (8.74) 698 TREE (17-032588) 414415.98N/0894125.30W (8.54) 694 TREE (17-032589) 414419.40N/0894125.34W (7.91) 707 TREE (17-032679) 414411.50N/0894127.91W (7.53) 688 TREE (17-033953) 414419.74N/0894123.63W (5.84) 714 TREE (17-032681) 414412.45N/0894132.89W (5.05) 696 TREE (17-056723) 414415.01N/0894125.66W (4.80) 732 TREE (17-032702) 414409.54N/0894140.86W (3.39)  CIRCLING RWY 36: 20:1 698 TREE (17-043549) 414408.13N-0804047.28W (10.06)
1. COMMUNICATIONS WITH:			2. WEATHER SERVICE			3. ALTIMETER SETTING				
RFD TOWER ZAU ARTCC MLI TOWER				N W S	OTHER: AWOS-3PT		SOURCE:KSQI / KCWI			
				F A A			DISTANCE: 0 / 29.77			
				A / C			HOURS REMOTE OPERATION:			
SATISFACTORY ON:										
X	V H F	X	U H F		H F	LOCATION: KSQI			ADJUSTMENT: 0	
4. MONITOR STATUS	PRIMARY NAVAID: I-SQI									
	MONITOR POINT:									
	HRS	CAT 1								
	OPTN:	CAT 3	24							
5. APPROACH & RUNWAY LIGHTING		ALS								
		(S) SALS								
	X	MALSR 25 (PCL)								
	X	HIRL 07 (PCL), 25 (PCL)								
	X	MIRL 18 (PCL), 36 (PCL)								
	X	REIL 07 (PCL), 18 (PCL), 36 (PCL)								
		TDZ								
		C/LINE								
	X	OTHER (SPECIFY) PAPI-4L 07								
6. RUNWAY MARKINGS		BASIC BSC-P 18, 36								
		ALL WEATHER PIR-G 25								
		INSTRUMENT NPI-G 07								
7. RUNWAY VISUAL RANGE		APPROACH								
		MIDFIELD								
		ROLL OUT								
8. GLIDE PATH		GP ANGLE:				ELEV RWY THRESHOLD:				
		DISTANCE FROM RWY:				ELEV GP ANTENNA:				
						THRESHOLD CROSSING HEIGHT:				
9. FINAL APPROACH COURSE AIMING		X	RUNWAY THRESHOLD					FT. FROM THRESHOLD		
		X	ON CENTERLINE					FT. FROM CENTERLINE		
10. WAIVERS: NONE										
PART D - PREPARED BY: GEORGETTE P. BARNETT						DATE: 08/02/2017				
TITLE: AERONAUTICAL INFORMATION SPECIALIST						OFFICE: AJV-5422				

