

US DEPARTMENT OF TRANSPORTATION FEDERAL AVIATION ADMINISTRATION				ILS - STANDARD INSTRUMENT APPROACH PROCEDURE TITLE 14 CFR PART 97.29				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		ILS: DA LOC: 5.65 NM AFTER FOVON INT/I-SQI 6.89 DME OR AT I-SQI 1.24 DME  CLIMB TO 2000 THEN CLIMBING RIGHT TURN TO 2700 DIRECT PLL VOR/DME AND HOLD.  ADDITIONAL FLIGHT DATA: HOLD W, RT, 085.00 INBOUND. CHART FAS OBST: 860 TOWER 414533N/0893638W CHART VDP AT 2.55 DME* DISTANCE VDP TO THLD 1.31 NM. *LOC ONLY. CHART CIRCLING ICON.						
DAYVL INT (IAF)		REVC0 INT/I-SQI 14.76 DME (NOPT)			197.40 / 9.45 (RFD R-197)			2700								
REVC0 INT/I-SQI 14.76 DME (IF)		FOVON INT/I-SQI 6.89 DME			252.15 / 7.86 (I-SQI)			2500								
1. PT _____ SIDE OF COURSE _____ OUTBOUND _____ FT WITHIN _____ MILES OF _____ (IAF) 2. PROFILE STARTS AT REVC0 3. FAC: 252.15 FAF: FOVON INT/I-SQI 6.89 DME DIST FAF TO MAP: 5.65 THLD: 5.65 4. MIN. ALT: REVC0 2700, FOVON 2500, COVKA INT/I-SQI 3.34 DME 1320* 5. DIST TO THLD FROM OM: - MM: - IM: - 150 HAT: - 100 HAT: - GS ANT: 1027 6. MIN GS INCPT: 2500 GS ALT AT: FOVON 2500 OM: - MM: - IM: - 7. GS ANGLE: 3.00 TCH: 53.8 8. MSA FROM: PLL VOR/DME 2600										MAG VAR: 2W EPOCH YEAR: 2020						
MINIMUMS																
TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT								ALTERNATE: N A		X						
CATEGORY =====>		A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	
S-ILS 25	847	1/2	200	847	1/2	200	847	1/2	200	847	1/2	200				
S-LOC 25	1320	1/2	673	1320	1/2	673	1320	1 1/2	673	1320	1 1/2	673				
CIRCLING	1320	1	672	1320	1	672	1320	2	672	1480	2 3/4	832				
COVKA FIX MINIMUMS (DUAL VOR RECEIVERS OR DME REQUIRED)																
S-LOC 25	1120	1/2	473	1120	1/2	473	1120	1	473	1120	1	473				
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.																
CITY AND STATE STERLING/ROCKFALLS, IL		ELEVATION: 648 TDZE: 647 AIRPORT NAME: WHITESIDE CO ARPT-JOS H BITTORF FLD			FACILITY IDENTIFIER: I-SQI		PROCEDURE NO./AMDT NO./EFFECTIVE DATE: ILS OR LOC RWY 25, AMDT 11					SUP: ILS RWY 25 AMDT: 10 DATED 05/22/1997				



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:	FIFO	DATE:
<b>GEORGETTE P. BARNETT</b>	<i>Digitally signed by</i> <b>GEORGETTE P BARNETT</b>	<b>AJV-5422</b> <b>07/06/2017</b>
APPROVED BY      Aug 18, 2017		
NAME:	FIFO	DATE:
<b>JULIE A. MORGAN</b>	<b>MANAGER</b> <b>AJV-5420</b>	
CHANGES: <ol style="list-style-type: none"> <li>1. APPROACH PROCEDURE NAME CHANGED FROM ILS RWY 25 TO ILS OR LOC RWY 25.</li> <li>2. FAF CHANGED FROM SELVA INT/OM TO FOVON.</li> <li>3. ADDED NOTE: CIRCLING RWY 36 NA AT NIGHT.</li> <li>4. ADDED DME DISTANCES TO FIXES ON FINAL.</li> <li>5. S-LOC 25 MDA/HAT CHANGED FROM 1120/473 TO 1320/673, CAT C VISIBILITY CHANGED FROM 3/4 TO 1 1/2, CAT D CHANGED FROM 1 TO 1 1/2 (WITHOUT STEPDOWN).</li> <li>6. ADDED COVKA STEPDOWN FIX IN FINAL.</li> <li>7. CHANGED CIRCLING CAT A/B HAA FROM 493 TO 492, CAT C MDA/HAA FROM 1140/493 TO 1160/512, CAT D CHANGED FROM 1200/553 TO 1480/832, VISIBILITY CHANGED FROM 2 TO 2 3/4 SM.</li> <li>8. FINAL COURSE CHANGED FROM 249.15 TO 252.15.</li> <li>9. DISTANCE FAF TO MAP/THLD CHANGED FROM 5.29 TO 5.65.</li> <li>10. ADDED VDP INFORMATION, ADDED TO ADDITIONAL FLIGHT DATA.</li> <li>11. ADDED NOTE IN ADDITIONAL FLIGHT DATA: CHART CIRCLING ICON.</li> </ol> DME: 414415.32N / 0894116.97W,, LOC: 414417.67N / 0894117.37W, GS: 414435.67N / 0893955.30W, THIRD PARTY		
REASONS: <ol style="list-style-type: none"> <li>1. IAW CRITERIA PROCEDURE NAMING CONVENTION.</li> <li>2/9. SELVA OM SCHEDULED FOR DECOMMISSION, MIRRORED WITH RNAV (GPS) RWY 25 FINAL.</li> <li>3. 20:1 OBSTACLE PENETRATION TO RWY 36.</li> <li>4/10. DME ADDED TO FINAL FACILITY (I-SQU).</li> <li>5. 1320 MIN STEPDOWN ALT, STEPDOWN FIX IS DME ONLY.</li> <li>6. RETAIN CURRENT LOCALIZER MDA/HAT 1120/473, CAT C VISIBILITY CHANGED FROM 3/4 TO 1 SM.</li> <li>7/11. AIRPORT ELEV CHANGED FROM 647 TO 648, APPLIED NEW CIRCLINGL CRITERIA.</li> <li>8. MAG VAR/EPOCH YEAR CHANGED FROM E01/2000 TO W02/2020.</li> </ol>		

STANDARD INSTRUMENT APPROACH PROCEDURE DATA RECORD		
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## PART - A OBSTRUCTION DATA

[illegible]

PART B - SUPPLEMENTAL DATA										PART C - REMARKS:																		
1. COMMUNICATIONS WITH:					2. WEATHER SERVICE					3. ALTIMETER SETTING					PRECIPITOUS TERRAIN EVALUATION COMPLETED.													
RFD TOWER ZAU ARTCC							N W S		OTHER: AWOS-3PT					SOURCE:KSQI / KCWI					KSQI AWOS-3, KCWI AWOS-3 TRANSMITTED ON WMSCR. KCWI BACK-UP FOR CONTINGENCY PURPOSES. CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE CLINTON ALTIMETER SETTING AND INCREASE ALL DA 77 FEET AND ALL MDA 80 FEET, INCREASE S-LOC 25 CAT B/C/D AND CIRCLING CAT B/C VISIBILITY 1/4 SM. COVKA FIX MINIMUM: INCREASE S S-LOC CATS C/D AND CIRCLING CAT C 1/8 SM AND CIRCLING CAT D 1/4 SM. CHART NOTE: FOR INOPERATIVE ALS WHEN USING CLINTON ALTIMETER SETTING, INCREASE S-ILS 25 ALL CATS VISIBILITY TO 7/8 SM, INCREASE S-LOC 25 CAT C/D VISIBILITY TO 2 SM. *1400 WHEN USING CLINTON ALTIMETER SETTING VDP NA WHEN USING CLINTON ALTIMETER SETTING.									
							F A A							DISTANCE: 0 / 29.77														
							A / C							HOURS REMOTE OPERATION:														
SATISFACTORY ON:					LOCATION: KSQI					ADJUSTMENT: 0 / 77					DAYVL INTERSECTION IS AN ENROUTE FIX CLASS E AIRSPACE 24 HOURS  ORDER 8260.3, CHAPTER 2, NEW CIRCLING CRITERIA APPLIED. CAT A: 1.39NM 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: CIRCLING RWY 36: 20:1 698 TREE (17-043549) 414408.13N-0894047.28W (10.02)  ALTERNATE MA NOT DEVELOPED PER CENTRAL FPT.  AVERAGE VEGETATION HEIGHT 100 FEET PER FPT.  PROCEDURE PFAF LOCATION BASED ON IPDS CALCULATED LOCATION.													
X		V H F		X		U H F				H F																		
4. MONITOR STATUS		PRIMARY NAVAID: I-SQI										*1400 WHEN USING CLINTON ALTIMETER SETTING VDP NA WHEN USING CLINTON ALTIMETER SETTING.																
		MONITOR POINT:																										
		HRS OPTN:		CAT 1																								
						CAT 3		24																				
5. APPROACH & RUNWAY LIGHTING				ALS								SEE ATTACHED AIRSPACE LETTER. RASS PRESSURE PATTERNS SAME KSQI 647.6, KCWI 707.7 RA = 76.88.  VISUAL PORTION OF FINAL PENETRATIONS: CIRCLING RWY 36: 20:1 698 TREE (17-043549) 414408.13N-0894047.28W (10.02)  ALTERNATE MA NOT DEVELOPED PER CENTRAL FPT.  AVERAGE VEGETATION HEIGHT 100 FEET PER FPT.  PROCEDURE PFAF LOCATION BASED ON IPDS CALCULATED LOCATION.																
				(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										ALTERNATE MA NOT DEVELOPED PER CENTRAL FPT.  AVERAGE VEGETATION HEIGHT 100 FEET PER FPT.  PROCEDURE PFAF LOCATION BASED ON IPDS CALCULATED LOCATION.																
		ALL WEATHER PIR-G 25																										
		INSTRUMENT NPI-G 07																										
7. RUNWAY VISUAL RANGE		APPROACH										ALTERNATE MA NOT DEVELOPED PER CENTRAL FPT.  AVERAGE VEGETATION HEIGHT 100 FEET PER FPT.  PROCEDURE PFAF LOCATION BASED ON IPDS CALCULATED LOCATION.																
		MIDFIELD																										
		ROLL OUT																										
8. GLIDE PATH		GP ANGLE: 3.00					ELEV RWY THRESHOLD: 647.2					ALTERNATE MA NOT DEVELOPED PER CENTRAL FPT.  AVERAGE VEGETATION HEIGHT 100 FEET PER FPT.  PROCEDURE PFAF LOCATION BASED ON IPDS CALCULATED LOCATION.																
		DISTANCE FROM RWY: 1027					ELEV GP ANTENNA: 643.0																					
							THRESHOLD CROSSING HEIGHT: 53.8																					
9. FINAL APPROACH COURSE AIMING				X		RUNWAY THRESHOLD					FT. FROM THRESHOLD					ALTERNATE MA NOT DEVELOPED PER CENTRAL FPT.  AVERAGE VEGETATION HEIGHT 100 FEET PER FPT.  PROCEDURE PFAF LOCATION BASED ON IPDS CALCULATED LOCATION.												
				X		ON CENTERLINE					FT. FROM CENTERLINE																	
10. WAIVERS: NONE																												
PART D - PREPARED BY: GEORGETTE P. BARNETT										DATE: 07/06/2017																		
TITLE: AERONAUTICAL INFORMATION SPECIALIST										OFFICE: AJV-5422																		

