

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: 3.98 NM AFTER SALT T LOM										
HUT VOR/DME				SALT T LOM			358.54 / 7.61				3200		CLIMB TO 2400 THEN CLIMBING RIGHT TURN TO 3100 DIRECT HUT VOR/DME AND HOLD.										
GUTER INT/HUT 20.67 DME				SALT T LOM			213.03 / 13.95				3300												
SPELT INT/HUT 17.96 DME				SALT T LOM			087.39 / 16.42				3200												
WUPNU/HUT 16.00 DME CW (IAF)				OSNIE/HUT 16.00 DME (NOPT)			16.00 DME ARC (HUT LR-326)				3800												
ZUPAB/HUT 16.00 DME CCW (IAF)				OSNIE/HUT 16.00 DME (NOPT)			16.00 DME ARC (HUT LR-341)				3800												
OSNIE/HUT 16.00 DME (IF)				SALT T LOM			134.27 / 9.65 (I-HUT)				2900		ADDITIONAL FLIGHT DATA: HOLD SW, LT, 038.00 INBOUND. CHART FAS OBST: 1624 TREE 380510N/0975247W. OBST: 1855 AAO 380718N/0975447W CHART HUT R-245 AT WUPNU. CHART HUT R-021 AT ZUPAB. CHART CIRCLING ICON. CHART PLANVIEW NOTE: ADF OR DME REQUIRED.										
1. PT _____ SIDE OF COURSE _____ OUTBOUND _____ FT WITHIN _____ MILES OF _____ (IAF)																							
2. HOLD NW SALT T LOM, LT, 134.27 INBOUND, 3200 FT. IN LIEU OF PT (IAF)																							
3. FAC: 134.27 FAF: SALT T LOM DIST FAF TO MAP: 3.98 THLD: 3.98																							
4. MIN. ALT: SALT T LOM 2900																							
5. DIST TO THLD FROM OM: 3.98 MM: - IM: - 150 HAT: - 100 HAT: - GS ANT: 902																							
6. MIN GS INCP: 2900 GS ALT AT: - OM: 2853 MM: - IM: -																							
7. GS ANGLE: 3.00 TCH: 47.5																							
8. MSA FROM: HU LOM 4000																							
MAG VAR: 4E EPOCH YEAR: 2020																							
MINIMUMS																							
TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT							ALTERNATE: N A			ILS: STANDARD # LOC: STANDARD @													
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 13**	1725	2400	200	1725	2400	200	1725	2400	200	1725	2400	200											
S-LOC 13	1880	2400	355	1880	2400	355	1880	3000	355	1880	3000	355											
CIRCLING	2080	1	537	2080	1	537	2200	1 3/4	657	2720	3	1177											
NOTES: CHART NOTE: **RVR 1800 AUTHORIZED WITH USE OF FD OR AP OR HUD TO DA. CHART NOTE: WHEN VGSI INOP, CIRCLING RWY 22 NA AT NIGHT. CHART NOTE: FOR INOPERATIVE ALS, INCREASE S-LOC 13 CAT C/D VISIBILITY TO RVR 5500.																							
CITY AND STATE HUTCHINSON, KS							ELEVATION: 1543 TDZE: 1525 AIRPORT NAME: HUTCHINSON RGNL			FACILITY IDENTIFIER: I-HUT		PROCEDURE NO./AMDT NO./EFFECTIVE DATE: ILS OR LOC RWY 13, AMDT 17, 12/07/2017					SUP: AMDT: 16E DATED 01/08/2015						



ALL AFFECTED PROCEDURES REVIEWED? <div><input type="checkbox"/> YES</div> <div><input type="checkbox"/> NO</div>		COORDINATES OF FACILITIES		REQUIRED EFFECTIVE DATE <div>12/07/2017</div>	
COORDINATED WITH:					
ATA <div></div>		AAT <div></div>		ALPA <div><input checked="" type="checkbox"/></div>	
APA <div></div>		AOPA <div><input checked="" type="checkbox"/></div>		NBAA <div><input checked="" type="checkbox"/></div>	
OTHER (specify) <div>ZKC, ICT APP CON, HUT ATCT, AMGR</div>					
FLIGHT CHECKED BY					
NAME: <div><i>Digitally signed by</i> <b>DION E LANCIA</b> Sep 13, 2017</div>				FIFO <div>PENDING</div>	
DATE: <div></div>					
DEVELOPED BY					
NAME: <div><i>Digitally signed by</i> <b>KEVIN KESZLER</b> Aug 31, 2017</div>				FIFO <div>AJV-5423</div>	
DATE: <div></div>				DATE: <div>07/10/2017</div>	
APPROVED BY					
NAME: <div><i>Digitally signed by</i> <b>DION E LANCIA</b> Julie A. Morgan MANAGER</div>				FIFO <div>AJV-5420</div>	
DATE: <div></div>				DATE: <div></div>	
CHANGES: Sep 13, 2017					
<div>1. CHANGE COURSE ON HUT VOR/DME FEEDER FROM 353.64 TO 358.54. 2. CHANGED COURSE ON GUTER FEEDER FROM 211.03 TO 213.03. 3. CHANGED COURSE ON SPELT FEEDER FROM 085.39 TO 087.39. 4. CHANGED LEAD RADIAL FROM 321 TO 326. 5. CHANGED LEAD RADIAL FROM 336 TO 341. 6. CHANGED AT OSNIE FROM 132.27 TO 134.27. 7. CHANGED MISSED HOLDING INBOUND COURSE FROM 033.00 TO 038.00. 8. CHANGED RADIAL AT WUPNU FROM 240 TO 245. 9. CHANGED RADIAL AT ZUPAB FROM 016 TO 021. 10. CHANGED FAS OBSTACLE FROM 1734 TREE 380645N/0975413W TO 1624 TREE 380510N/0975247W. 11. IN ADDITIONAL FLIGHT DATA, ADDED CHART CIRCLING ICON. 12. MOVED "CHART PLANVIEW NOTE: ADF OR DME REQUIRED" FROM NOTES TO ADDITIONAL FLIGHT DATA. 13. CHANGED MAGVAR AND EPOCH YEAR FROM 6E/2000 TO 4E/2020. 14. CHANGED INBOUND COURSE ON HOLD IN LIEU FROM 132.27 TO 134.27. (SEE FORM 8260-10)</div>					
REASONS:					
<div>1-9, 14, 15. NEW MAG VAR. 10. NEW CONTROLLING OBSTACLE. 11. PER 8260.3 CHANGE 21. 12. PER 8260.19G PARA 8-6-6. 13. PER 8260.19G PARA 8-6-8. 16, 17, 19. NEW SURVEY DATA. 18. NEW CONTROLLING OBSTACLE. 20. PER 8260.19G PARA 8-6-4. 21-26. PER 8260.3 TABLE 3-3, 3-4, 3-5A, 3-6, 3-7, 3-8, 3-9, 3-10. 27. NEW SURVEY DATA INDICATES 20:1 PENETRATION ONLY APPLICABLE TO RWY 22. 29. PER WMSCR BACKUP ALTIMETER SOURCE EMAIL GUIDANCE.</div>					



US DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION  
ILS - STANDARD  
INSTRUMENT APPROACH PROCEDURE - TITLE 14 CFR PART 97.29

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CITY AND STATE HUTCHINSON, KS	ELEVATION: 1543      TDZE: 1525 AIRPORT NAME: HUTCHINSON RGNL	FACILITY IDENTIFIER: I-HUT	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: ILS OR LOC RWY 13, AMDT 17, 12/07/2017	SUP:
				AMDT: 16E
				DATED: 01/08/2015

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>		<div><input type="checkbox"/></div>	
FLIGHT CHECKED BY					
NAME:				FIFO	DATE:
DEVELOPED BY					
NAME:				FIFO	DATE:
APPROVED BY					
NAME:				FIFO	DATE:
CHANGES: CHANGES CONT. 15. CHANGED FAC FROM 132.27 TO 134.27. 16. CHANGED GS ANT FROM 903 TO 902. 17. CHANGED TCH FROM 47.0 TO 47.5. 18. CHANGED MSA ALTITUDE FROM 4100 TO 4000. 19. CHANGED OM ALTITUDE FROM 2854 TO 2853. 20. CHANGED ALTERNATE WEATHER NOT FROM #@ NA WHEN LOCAL WEATHER NOT AVAILABLE TO # CAT C 700-2, CAT D 1200-3 @ CAT D 1200-3. 21. ADDED ILS 13 CAT D MINIMA 1725, 2400, 200. 22. CHANGED LOC 13 CAT A B MDA/HAT FROM 2000, 475 TO 1880, 355. 23. CHANGED LOC 13 CAT C MDA/VIS/HAT FROM 2000, 5000, 475 TO 1880, 3000, 355. 24. ADDED LOC 13 CAT D MINIMA 1880, 3000, 355. 25. CHANGED CAT C CIRCLING MINIMA FROM 2080, 1 1/2, 537 TO 2200, 1 3/4, 657. 26. ADDED CAT S CIRCLING MINIMA 2720, 3, 1177. 27. CHANGED NOTE FROM "CHART NOTE: WHEN VGSI INOP, CIRCLING RWY 17, 22, AND 31 NA AT NIGHT." TO "CHART NOTE: WHEN VGSI INOP, CIRCLING TO RWY 22 NA AT NIGHT." 28. MOVED BACKUP ALTIMETER NOTE TO REMARKS SECTION. (SEE FORM 8260-10)					
REASONS:					



US DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION  
**ILS - STANDARD**  
**INSTRUMENT APPROACH PROCEDURE - TITLE 14 CFR PART 97.29**

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QUALITY  
25  
CHECKED

CITY AND STATE  
**HUTCHINSON, KS**

**ELEVATION: 1543 TDZE: 1525**  
AIRPORT NAME:  
**HUTCHINSON RGNL**

FACILITY  
IDENTIFIER:  
**I-HUT**

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:  
**ILS OR LOC RWY 13, AMDT 17, 12/07/2017**

SUP:  
AMDT: **16E**  
DATED: **01/08/2015**

ALL AFFECTED PROCEDURES REVIEWED? <input type="checkbox"/> YES <input type="checkbox"/> NO		COORDINATES OF FACILITIES		REQUIRED EFFECTIVE DATE	
COORDINATED WITH:					
ATA <input type="checkbox"/>	AAT <input type="checkbox"/>	ALPA <input type="checkbox"/>	APA <input type="checkbox"/>	AOPA <input type="checkbox"/>	NBAA <input type="checkbox"/>
OTHER (specify) <input type="checkbox"/> _____					
FLIGHT CHECKED BY					
NAME:				FIFO	DATE:
DEVELOPED BY					
NAME:				FIFO	DATE:
APPROVED BY					
NAME:				FIFO	DATE:
CHANGES: CHANGES CONT. 29. ADDED, "CHART NOTE: FOR INOPERATIVE ALS, INCREASE S-LOC 13 CAT C/D VISIBILITY TO RVR 5500."					
REASONS:					



## 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		HUT VOR/DME		SALTT LOM		1. TOWER (20-000032)		380337.64N/0974549.66W		3000 (2C)		1000		AS-900		3100					
						2. TERRAIN		380721.00N/0975351.00W		1651 (1700)				AS1500		3200					
FEEDER		GUTER INT/HUT		SALTT LOM		3. TOWER (20-001234)		381547.00N/0975409.00W		2242 (5D)		1000				3300					
		20.67 DME				4. TERRAIN		381000.00N/0975712.00W		1733 (1700)				AS1500		3200					
FEEDER		SPELT INT/HUT		SALTT LOM		5. TOWER (20-000045)		380657.00N/0981408.00W		2022 (4D)		1000				3100					
		17.96 DME				4. TERRAIN		381000.00N/0975712.00W		1733 (1700)				AS1500		3200					
INITIAL: ARC		WUPNU/HUT 16.00		OSNIE/HUT 16.00		6. TOWER (20-001240)		375543.00N/0981837.00W		2721 (5C)		1000				3800					
		DME CW		DME		7. TERRAIN		380303.00N/0982100.00W		1756 (1800)				AS1500		3300					
INITIAL: ARC		ZUPAB/HUT 16.00		OSNIE/HUT 16.00		3. TOWER (20-001234)		381547.00N/0975409.00W		2242 (5D)		1000		AT558		3800					
		DME CCW		DME		8. TERRAIN		381154.00N/0975839.00W		1723 (1700)				AS1500		3200					
INTERMEDIATE		OSNIE/HUT 16.00		SALTT LOM		9. TOWER (20-001530)		381302.00N/0975940.00W		2041 (2C)		500		AT359		2900					
		DME				4. TERRAIN		381000.00N/0975712.00W		1733 (1700)				AS1000		2700					
FINAL: ILS		GP INTCP		RW13								ASC				1725/200					
2. HOLD-IN-LIEU-OF-PT		SALTT LOM		P-4		11. TOWER (20-000907)		380918.30N/0975248.03W		2052 (2C)		1000				3100					
						4. TERRAIN		381000.00N/0975712.00W		1733 (1700)				AS1500		3200					
3. MISSED APPROACH	MAP:		DA / 3.98 NM		HUT VOR/DME						ASC				3100						
			AFTER SALTT LOM				12. TOWER (20-001733)		375754.00N/0974926.00W		1980 (5D)		1000		3000						
	ELEV:		1561/1630				13. TERRAIN		375809.00N/0975315.00W		1562 (1600)				AS1500		3100				
4. CIRCLING AREA		DISTANCE		HT. ABV. ARPT.																	
CATEGORY A		1.3 NM		REQUIRED	ACTUAL	350		537		14. ELV (20-000916)		380343.00N/0975250.00W		1771 (1B)		300		2080			
CATEGORY B		1.5 NM				450		537		14. ELV (20-000916)		380343.00N/0975250.00W		1771 (1B)		300		2080			
CATEGORY C		1.7 NM				450		657		15. TOWER (20-000905)		380701.00N/0975308.00W		1849 (5D)		300		AC50		2200	
CATEGORY D		2.3 NM				550		1177		16. TOWER (20-000031)		380321.00N/0974636.00W		2353 (2D)		300		AC50		2720	
CATEGORY E		4.5 NM				550															
5. MINIMUM SAFE ALTITUDES																					
PRIMARY NAVAID: HU LOM																					
SECTOR		OBSTRUCTION		BRG/DIST		ELEVATION (MSL)		M S A		SECTOR		OBSTRUCTION		BRG/DIST		ELEVATION (MSL)		M S A			
360-360		TOWER (20-000032)		112/08.6		3000 (2C)		4000													
CITY AND STATE		HUTCHINSON, KS		ELEVATION: 1543		AIRPORT NAME:		HUTCHINSON RGNL		FACILITY		I-HUT		PROCEDURE AND AMENDMENT NO:		ILS OR LOC RWY 13, AMDT 17, 12/07/2017		REGION			
																		25			
																		CHECKED			
																		ACE			

PART B - SUPPLEMENTAL DATA										PART C - REMARKS:																			
1. COMMUNICATIONS WITH:					2. WEATHER SERVICE					3. ALTIMETER SETTING					VDP NOT ESTABLISHED - FINAL FACILITY DOES NOT HAVE DME.														
ZKC ARTCC HUT TOWER ICT APP CON							N W S		OTHER: ASOS					SOURCE:KHUT / KEWK					PRECIPITOUS TERRAIN EVALUATION COMPLETED.										
							F A A							DISTANCE: 0 / 27.68															
							A / C							HOURS REMOTE OPERATION: 24/YES / 24/YES															
SATISFACTORY ON:										LOCATION: KHUT					ADJUSTMENT: 0 / 66					CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE NEWTON ALTIMETER SETTING AND INCREASE ALL DA 66 FEET AND ALL MDA 80 FEET, INCREASE S-LOC 13 CAT C/ D VISIBILITY TO RVR 5500 AND INCREASE CIRCLING CAT C VISIBILITY TO 2 SM. CHART NOTE: **RVR 1800 NA WHEN USING NEWTON ALTIMETER SETTING.									
X		V H F		X		U H F				H F		TOWER OPEN																	
										TOWER CLOSED																			
4. MONITOR STATUS		PRIMARY NAVAID: I-HUT													"VISUAL PORTION OF FINAL" PENETRATIONS: CIRCLING RWY 22 20:1 1616 TREE (20-046313) 380423.74N/0975052.69W (32.80) 1616 TREE (20-048413) 380425.33N/0975051.47W (23.57) 1623 TREE (20-048384) 380426.79N/0975049.98W (21.11) 1619 TREE (20-045755) 380421.93N/0975043.75W (18.44) 1629 TREE (20-045392) 380428.30N/0975047.18W (13.92) 1627 TREE (20-045387) 380428.70N/0975048.27W (13.37) 1624 TREE (20-045449) 380427.41N/0975045.66W (8.14) 1628 TREE (20-046266) 380429.98N/0975046.37W (4.47) 1548 TERRAIN (20-032980) 380415.50N/0975055.36W (2.74) 1548 TERRAIN (20-032405) 380417.58N/0975057.60W (1.02) 1549 TERRAIN (20-048444) 380416.94N/0975056.17W (0.56) 1549 TERRAIN (20-045732) 380415.77N/0975054.47W (0.34)														
		HRS OPTN:		CAT 1																									
		CAT 3																											
5. APPROACH & RUNWAY LIGHTING				ALS								CIRCLING RWY 4 20:1 1531 TRAVERSE WAY (20-032522) 380339.75N/0975141.06W. THIS ROAD IS IN A CONTROLLED AREA AND HAS BE ELIMINATED AS A 20:1 OBSTACLE FOR RWY 4.																	
				(S) SALS																									
		X		MALSR 13 (PCL)																									
		X		HIRL 13, 31																									
		X		MIRL 04, 17, 22, 35																									
		X		REIL 04, 22, 31																									
				TDZ																									
				C/LINE																									
		X		OTHER (SPECIFY) VASI-4L 22 (PCL), 31 PAPI-4L 04 (PCL), 17 (PCL), 35 (PCL)																									
6. RUNWAY MARKINGS		BASIC										ORDER 8260.3, CHAPTER 2, NEW CIRCLING CRITERIA APPLIED. CAT A: 1.31NM CAT B: 1.86NM CAT C: 2.93NM CAT D: 3.84NM																	
		ALL WEATHER					PIR-G 13, 31																						
		INSTRUMENT					NPI-G 04, 17, 22, 35																						
7. RUNWAY VISUAL RANGE		APPROACH					13					NO ADDITIONAL AIRSPACE REQUIRED. RASS PRESSURE PATTERNS SAME KHUT 1543, KEWK 1533 RA = 65.15.																	
		MIDFIELD																											
		ROLL OUT					31																						
8. GLIDE PATH		GP ANGLE: 3.00					ELEV RWY THRESHOLD:1524.9					ORDER 8260.3 CHAPTER 2 APPLIED TO 1855 AAO 380718N/0975447W.																	
		DISTANCE FROM RWY: 902					ELEV GP ANTENNA: 1524.5																						
		THRESHOLD CROSSING HEIGHT:47.5																											
9. FINAL APPROACH COURSE AIMING				X		RUNWAY THRESHOLD					FT. FROM THRESHOLD					NO ALTERNATE MISSED DEVELOPED PER FPO AND ATC. THERE WERE NO SUITABLE NAVAIDS.													
				X		ON CENTERLINE					FT. FROM CENTERLINE																		
10. WAIVERS: NONE										1539 TRAVERSE WAY (20-032419) 380427.41N-0975218.06W. ROAD IS IN CONTROLLED AREA AND CAN BE IGNORED AS A GQS PENETRATOR FOR RWY 13.  75FT VEGETATION USED FOR PROCEDURE DEVELOPMENT.  VGSI DATA: NONE  PROCEDURAL TCH 47.5 UTILIZED FOR PROCEDURE DEVELOPMENT. ACTUAL AIRNAV TCH IS 47.591.																			
PART D - PREPARED BY:																				DATE:									
TITLE:																				OFFICE:									
KEVIN KESZLER										07/10/2017																			
AERONAUTICAL INFORMATION SPECIALIST										AJV-5423																			

QUALITY  
25  
CHECKED



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				
SATISFACTORY ON:					N W S	OTHER:		SOURCE:			
					F A A			DISTANCE:			
					A / C			HOURS REMOTE OPERATION:			
	V H F		U H F		H F	LOCATION:			ADJUSTMENT:		
4. MONITOR STATUS		PRIMARY NAVAID:									
		MONITOR POINT:									
		HRS	CAT 1								
		OPTN:	CAT 3								
5. APPROACH & RUNWAY LIGHTING			ALS								
			(S) SALS								
			MALS								
			HIRL								
			MIRL								
			REIL								
			TDZ								
			C/LINE								
6. RUNWAY MARKINGS		BASIC									
		ALL WEATHER									
		INSTRUMENT									
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				RUNWAY THRESHOLD					FT. FROM THRESHOLD		
				ON CENTERLINE					FT. FROM CENTERLINE		
10. WAIVERS:											
PART D - PREPARED BY:										DATE:	
TITLE:										OFFICE:	