

<b>RNAV - STANDARD INSTRUMENT APPROACH PROCEDURE TITLE 14 CFR PART 97.33</b>				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		LPV: DA LNAV/VNAV: DA LNAV: RW13  CLIMB TO 3600 DIRECT CLOBE AND HOLD.  ADDITIONAL FLIGHT DATA: HOLD SE, RT, 314.38 INBOUND. FAS OBST: 1870 AAO 380819N/0975627W. DISTANCE TO THLD FROM 200 HAT: 0.48 NM. CHART VDP AT 1.71 NM TO RW13* *LNAV ONLY. WAAS CHANNEL # 50210 REFERENCE PATH ID: W13A CHART CIRCLING ICON. LTP HAE: 436.7 M									
SPELT		WUDIS (TF) (FB) (RNP 2.00)		078.26 / 7.23				3200											
HUT VOR/DME		ZENOS (TF) (FO) (RNP 2.00)		337.09 / 13.68				3200											
GUTER		JIBNO (TF) (FB) (RNP 2.00)		260.53 / 9.68				3200											
WUDIS (IAF)		ZENOS (NOPT) (TF) (FB) (RNP 1.00)		044.11 / 6.00				3200											
JIBNO (IAF)		ZENOS (NOPT) (TF) (FB) (RNP 1.00)		212.05 / 6.00				3200											
(SEE FORM 8260-10)																			
1. PT _____ SIDE OF COURSE _____ OUTBOUND _____ FT WITHIN _____ MILES OF _____ (IAF) 2. HOLD NW ZENOS, RT, 134.17 INBOUND, 3200 FT. IN LIEU OF PT (IAF) 3. FAC: 134.23 FAF: HOWIS DIST FAF TO MAP: 5.12 THLD: 5.12 4. MIN. ALT: ZENOS 3200, HOWIS 3200 5. DIST TO THLD FROM OM: _____ MM: _____ IM: _____ 150 HAT: _____ 100 HAT: _____ GS ANT: _____ 6. MIN GS INCPT: 3200 GS ALT AT: HOWIS 3200 OM: _____ MM: _____ IM: _____ 7. GS ANGLE: 3.00 TCH: 47.5 34:1 IS CLEAR 8. MSA FROM: RW13 4000																MAG VAR: 4E		EPOCH YEAR: 2020	
MINIMUMS																			
TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT								ALTERNATE: N A		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				
LPV DA**	1725	2400	200	1725	2400	200	1725	2400	200	1725	2400	200							
LNAV/VNAV DA	1932	4000	407	1932	4000	407	1932	4000	407	1932	4000	407							
LNAV MDA	2120	2400	595	2120	2400	595	2120	1 1/4	595	2120	1 1/4	595							
CIRCLING	2120	1	577	2120	1	577	2200	1 3/4	657	2720	3	1177							
NOTES: CHART NOTE: CIRCLING TO RWY 22 NA AT NIGHT. CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -18C (0F) OR ABOVE 54C (130F). CHART NOTE: DME/DME RNP-0.3 NA. CHART NOTE: **RVR 1800 AUTHORIZED WITH USE OF FD OR HUD TO DA. (CONTINUED ON PAGE 2)																			
CITY AND STATE		ELEVATION: 1543 TDZE: 1525		FACILITY IDENTIFIER: RNAV		PROCEDURE NO./AMDT NO./EFFECTIVE DATE:				SUP:									
HUTCHINSON, KS		AIRPORT NAME:		HUTCHINSON RGNL		RNAV (GPS) RWY 13, AMDT 1, 12/07/2017				AMDT: ORIG-B									
										DATED 06/28/2012									



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>Digitally signed by DION E LANCIA Sep 13, 2017</div> <div>PENDING</div>				FIFO <div></div>	
DATE: <div></div>					
DEVELOPED BY					
NAME: <div>Digitally signed by KEVIN KESZLER Sep 06, 2017</div> <div>KEVIN KESZLER</div>				FIFO <div>AJV-5423</div>	
DATE: <div>07/18/2017</div>					
APPROVED BY					
NAME: <div>Digitally signed by DION E LANCIA JULIE A. MORGAN MANAGER</div>				FIFO <div>AJV-5420</div>	
DATE: <div></div>					
CHANGES: <div>Sep 13, 2017</div> <div>1. IN TERMINAL ROUTES, CHANGED FIX ETDAM TO ZENPO. 2. IN TERMINAL ROUTES, CHANGED FIX YINKE TO JIBNO. 3. IN TERMINAL ROUTES, CHANGED COURSE/DISTANCE FROM 072.26/8.08 TO 078.26/7.23. 4. IN TERMINAL ROUTES, CHANGED COURSE/DISTANCE FROM 335.09 TO 337.09. 5. IN TERMINAL ROUTES, CHANGED COURSE/DISTANCE FROM 249.50/9.76 TO 260.53/9.68. 6. IN TERMINAL ROUTES, CHANGED COURSE/DISTANCE FROM 042.12/5.00 TO 044.11/6.00. 7. IN TERMINAL ROUTES, CHANGED COURSE/DISTANCE FROM 222.22/5.00 TO 212.05/6.00. 8. IN TERMINAL ROUTES, CHANGED COURSE/DISTANCE FROM 132.17/6.10 TO 134.17/6.02. 9. IN TERMINAL ROUTES, CHANGED COURSE/DISTANCE FROM 132.23/5.04 TO 134.23/5.12. 10. IN TERMINAL ROUTES, CHANGED CA ALTITUDE FROM 1856 TO 1725. 11. CHANGED HOLDING INBOUND COURSE FROM 312.39 TO 314.38. 12. IN ADDITIONAL FLIGHT DATA, CHANGED CHART FAS OBST FROM 1751 BLDG. 380525N/0975223W TO 1870 AAO 380819N/0975627W. 13. IN ADDITIONAL FLIGHT DATA, CHANGED FROM 331 HAT: 0.89 NM TO 200 HAT: 0.48 NM. 14. IN ADDITIONAL FLIGHT DATA, CHANGED VDP DISTANCE FROM 1.47 TO 1.71. (SEE FORM 8260-10)</div>					
REASONS: <div>1, 2. PER 7200.2 PARA 3-3-4 3-9. PER 8260.19G PARA 8-6-2. 10. PER 8260.19G PARA 4-6-5. 11, 17, 18. MAR VAR ROTATION. 12, 20. NEW OBSTACLE DATA 13-16. 8260.19G PARA 8-6-8. 19. 8260.3B PARA 252. 21-30, 35. PER 8260.3 TABLE 3-3, 3-4, 3-5A, 3-6, 3-7, 3-8, 3-9, 3-10. 31. PER 8260.19G PARA 8-6-4. 32, 36,37. 8260.19G PARA 8-6-6. 33, 34. PER WMSR BACKUP ALTIMETER SOURCE EMAIL GUIDANCE. 35. NEW AIRNAV DATA.</div>					



## US DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

RNAV - STANDARD  
INSTRUMENT APPROACH PROCEDURE - TITLE 14 CFR PART 97.33

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, (CONT.):

FROM	TO	COURSE AND DISTANCE	ALTITUDE
ZENOS (IF/IAF)	HOWIS (TF) (FB) (RNP 1.00)	134.17 / 6.02	3200
HOWIS (FAF)	RW13 (MAP) (TF) (FO) (RNP 0.30)	134.23 / 5.12	
RW13 (MAP)	1725 MSL (CA)	134.23	
1725 MSL	CLOBE (DF) (FO) (RNP 1.00)		3600

CHART SPEED ICON IN PLANVIEW AT ZENOS: MAX 230 KIAS.

QUALITY  
25  
CHECKED

CITY AND STATE

HUTCHINSON, KS

ELEVATION: 1543

TDZE: 1525

AIRPORT NAME:

HUTCHINSON RGNL

FACILITY  
IDENTIFIER:  
RNAVPROCEDURE NO./AMDT NO./EFFECTIVE DATE:  
RNAV (GPS) RWY 13, AMDT 1, 12/07/2017

SUP:

AMDT: ORIG-B

DATED: 06/28/2012

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>
NBA <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:
CHANGES: CHANGES CONT. 15. IN ADDITIONAL FLIGHT DATA, CHANGED LTP HAE: FROM 436.8 TO 436.7. 16. CHANGED MAGVAR/EPOCH YEAR FROM 6E/2000 TO 4W/2020. 17. CHANGED HOLD IN LIEU COURSE FROM 132.17 TO 134.17. 18 CHANGED FAC FROM 132.23 TO 134.23. 19. CHANGED DIST FAF TO MAP/THLD FROM 5.04 TO 5.24. 20. CHANGED MSA ALTITUDE FROM 4100 TO 4000. 21. CHANGED LPV CAT A B C MINIMA FROM 1856, 4000, 331 TO 1725, 2400, 200. 22. CHANGED LPV CAT D MINIMA FROM NA TO 1725, 2400, 200. 23. CHANGED LNAV/VNAV CAT A B C MINIMA FROM 2077, 1 1/2, 552 TO 1932, 4000, 407. 24. CHANGED LNAV/VNAV CAT D MINIMA FROM NA TO 1932, 4000, 407. 25. CHANGED LNAV CAT A B MINIMA FROM 2040, 2400, 515 TO 2120, 2400, 595. 26. CHANGED LNAV CAT C MINIMA FROM 2040, 5000, 515 TO 2120, 1 1/4, 595. 27. CHANGED LNAV CAT D MINIMA FROM NA TO 2120, 1 1/4, 595. 28. CHANGED CIRCLING CAT A B MINIMA FROM 2080, 1, 537 TO 2120, 1, 577. 29. CHANGED CIRCLING CAT C MINIMA FROM 2080, 1 1/2, 537 TO 2200, 1 3/4, 657. 30. CHANGED CIRCLING CAT D MINIMA FROM NA TO 2720, 3, 1177. 31. CHANGED @NA WHEN LOCAL WEATHER NOT AVAILABLE TO @ CAT D 1200-3. (SEE FORM 8260-10)					
REASONS:					



US DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION  
**RNAV - STANDARD**  
**INSTRUMENT APPROACH PROCEDURE - TITLE 14 CFR PART 97.33**

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.

QUALITY  
25  
CHECKED

CITY AND STATE  
**HUTCHINSON, KS**

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

FACILITY  
IDENTIFIER:  
**RNAV**

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:  
**RNAV (GPS) RWY 13, AMDT 1, 12/07/2017**

SUP:  
AMDT: **ORIG-B**  
DATED: **06/28/2012**

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>32. CHANGED CHART NOTE FROM WHEN VGSI INOP, CIRCLING RWY 17, 22, AND 31 NA AT NIGHT TO CIRCLING TO RWY 22 NA AT NIGHT.</div> <div>33. MOVED CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE NEWTON ALTIMETER SETTING AND INCREASE ALL DA 66 FEET AND ALL MDA 80 FEET, INCREASE LPV ALL CATS VISIBILITY 1/4 MILE, LNAVNNV ALL CATS VISIBILTY 1/2 MILE, AND CIRCLING CAT C VISIBILITY 1/4 MILE TO THE REMARKS SECTION.</div> <div>34. MOVED CHART NOTE: VDP AND BARO-VNAV NA WITH NEWTON ALTIMETER SETTING TO REMARKS SECTION.</div> <div>35. CHANGED TCH FROM 47.4 TO 47.5.</div> <div>36. ADDED CHART NOTE: **RVR 1800 AUTHORIZED WITH USE OF FD OR HUD TO DA.</div> <div>37. IN MINIMA, ADDED ** TO LPV DA.</div>					
REASONS:					

**RNAV STANDARD INSTRUMENT APPROACH PROCEDURE  
FLIGHT STANDARDS SERVICE - FAR PART 97.33**

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.

**FAS DATA BLOCK INFORMATION**

<u>DATA FIELD</u>	<u>DATA</u>
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KHUT
RUNWAY	RW13
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W13A
LTP/FTP LATITUDE	380427.1455N
LTP/FTP LONGITUDE	0975215.8910W
LTP/FTP ELLIPSOIDAL HEIGHT	+04367
FPAP LATITUDE	380320.5695N
FPAP LONGITUDE	0975100.8065W
THRESHOLD CROSSING HEIGHT (TCH)	00047.5
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	0616
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	35.0
 <u>CRC REMAINDER</u>	 CEE4BF18

**ADDITIONAL PATH POINT RECORD INFORMATION**

ICAO CODE	K3
LTP ORTHOMETRIC HEIGHT	+04648
FPAP ORTHOMETRIC HEIGHT	+04648

QUALITY  
25  
CHECKED

CITY AND STATE  HUTCHINSON, KS	ELEVATION: 1543      TDZE: 1525 AIRPORT NAME:  HUTCHINSON RGNL	FACILITY IDENTIFIER:  RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:  RNAV (GPS) RWY 13, AMDT 1, 12/07/2017	SUP:
				AMDT:      ORIG-B
				DATED:      06/28/2012

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:
CHANGES:					
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		SPELT		WUDIS		1. TOWER (20-000045)		380657.00N/0981408.00W		2022 (4D)	1000			3100		
						2. TERRAIN		380921.00N/0981554.00W		1726 (1700)		AS1500		3200		
FEEDER		HUT VOR/DME		ZENOS		3. TOWER (20-001530)		381302.00N/0975940.00W		2041 (2C)	1000			3100		
						4. TERRAIN		381154.00N/0975839.00W		1723 (1700)		AS1500		3200		
FEEDER		GUTER		JIBNO		5. TOWER (20-000358)		381725.00N/0975818.00W		1936 (1D)	1000	AT264		3200		
						6. TERRAIN		381957.00N/0975230.00W		1605 (1600)		AS1500		3100		
INITIAL		WUDIS		ZENOS		7. AAO		381418.00N/0980057.00W		1900 (4E)	1000			2900		
						8. TERRAIN		381436.00N/0980230.00W		1674 (1700)		AS1500		3200		
INITIAL		JIBNO		ZENOS		3. TOWER (20-001530)		381302.00N/0975940.00W		2041 (2C)	1000			3100		
						10. TERRAIN		381154.00N/0975839.00W		1723 (1700)		AS1500		3200		
INTERMEDIATE		ZENOS (IF/IAF)		HOWIS		3. TOWER (20-001530)		381302.00N/0975940.00W		2041 (2C)	500			2600		
						4. TERRAIN		381000.00N/0975712.00W		1733 (1700)		AS1500		3200		
FINAL: LPV		HOWIS		RW13							ASC			1725/200		
2. HOLD-IN-LIEU-OF-PT		ZENOS		P-5		3. TOWER (20-001530)		381302.00N/0975940.00W		2041 (2C)	1000			3100		
						12. TERRAIN		382030.00N/0980924.00W		1746 (1700)		AS1500		3200		
3. MISSED APPROACH	MAP:		DA / DA / RW13		CLOBE						ASC			3600		
	ELEV:		1560/1771/2015				13. ELEVATOR (20-000916)		380343.00N/0975250.00W		1772 (1B)	1000	2800			
						14. TERRAIN		380439.00N/0975230.00W		1526 (1500)		AS1500		3000		
4. CIRCLING AREA		DISTANCE		HT. ABV. ARPT.												
CATEGORY A		1.3 NM		REQUIRED	ACTUAL	577		15. ELEVATOR (20-000916)		380343.00N/0975250.00W		1772 (1B)	300	SI	2120	
CATEGORY B		1.5 NM				577		15. ELEVATOR (20-000916)		380343.00N/0975250.00W		1772 (1B)	300	SI	2120	
CATEGORY C		1.7 NM				657		16. TOWER (20-000905)		380701.00N/0975308.00W		1849 (5D)	300	AC50	2200	
CATEGORY D		2.3 NM				1177		17. TOWER (20-000031)		380321.00N/0974636.00W		2353 (2D)	300	AC50	2720	
CATEGORY E		4.5 NM														
5. MINIMUM SAFE ALTITUDES																
PRIMARY NAVAID: RW13																
SECTOR		OBSTRUCTION		BRG/DIST		ELEVATION (MSL)		M S A		SECTOR		OBSTRUCTION		BRG/DIST	ELEVATION (MSL)	M S A
360-360		TOWER (20-000032)		095/05.2		3000 (2C)		4000								
CITY AND STATE		ELEVATION: 1543				FACILITY		PROCEDURE AND AMENDMENT NO:				REGION				
HUTCHINSON, KS		AIRPORT NAME: HUTCHINSON RGNL				RNAV		RNAV (GPS) RWY 13, AMDT 1, 12/07/2017				ACE				

QUALITY

25

CHECKED

PART B - SUPPLEMENTAL DATA										PART C - REMARKS:														
1. COMMUNICATIONS WITH:					2. WEATHER SERVICE					3. ALTIMETER SETTING					PRECIPITOUS TERRAIN EVALUATION COMPLETED.									
ICT APP CON ZKC ARTCC HUT TOWER							N W S		OTHER: ASOS			SOURCE:KHUT / KEWK												
							F A A					DISTANCE: 0 / 27.68												
							A / C					HOURS REMOTE OPERATION: 24/YES / 24/YES												
SATISFACTORY ON:										LOCATION: KHUT					ADJUSTMENT: 0 / 66									
4. MONITOR STATUS				PRIMARY NAVAID:																				
				MONITOR POINT:																				
		HRS OPTN:		CAT 1																				
				CAT 3																				
5. APPROACH & RUNWAY LIGHTING				ALS																				
				(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																				
				ALL WEATHER		PIR-G 13, 31																		
				INSTRUMENT		NPI-G 04, 17, 22, 35																		
7. RUNWAY VISUAL RANGE				APPROACH		13																		
				MIDFIELD																				
				ROLL OUT		31																		
8. GLIDE PATH				GP ANGLE: 3.00				ELEV RWY THRESHOLD:1524.9																
				DISTANCE FROM RWY:				ELEV GP ANTENNA:																
				THRESHOLD CROSSING HEIGHT:47.5																				
9. FINAL APPROACH COURSE AIMING				X		RUNWAY THRESHOLD				FT. FROM THRESHOLD														
				X		ON CENTERLINE				FT. FROM CENTERLINE														
10. WAIVERS: NONE										CRITICAL TEMPERATURE REMARKS AVERAGE COLD TEMPERATURE DERIVED FROM 5-YEAR HISTORY (2012-2016). CRITICAL LOW TEMPERATURE BASED ON ACT. DESCENT RATE (FPM): STANDARD TEMP 975 HIGH TEMP 1138.  ORDER 8260.3, CHAPTER 2, NEW CIRCLING CRITERIA APPLIED. CAT A: 1.31NM CAT B: 1.86NM CAT C: 2.93NM CAT D: 3.85NM  NO ADDITIONAL AIRSPACE REQUIRED. RASS PRESSURE PATTERNS SAME KHUT 1543, KEWK 1533 RA = 65.15.  75' VEGETATION USED PER FPT.  CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE NEWTON ALTIMETER SETTING AND INCREASE ALL DA 66 FEET AND ALL MDA 80 FEET, INCREASE LNAV/VNAV ALL CATS VISIBILITY TO RVR5000, LNAV CAT C/D VISIBILITY AND CIRCLING CAT C VISIBILITY 1/4 SM. CHART NOTE: VDP AND BARO-VNAV NA WITH NEWTON ALTIMETER SETTING. CHART NOTE: **RVR 1800 NA WHEN USING NEWTON ALTIMETER SETTING.  FIXED BY FUNCTION - 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.  "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)  CIRCLING RWY 4 20:1 1531 TRAVERSE WAY (20-032522) 380339.75N/0975141.06W. THIS ROAD IS IN A CONTROLLED AREA AND HAS BEEN ELIMINATED AS A 20:1 OBSTACLE FOR RWY 4.														
PART D - PREPARED BY:					DATE:																			
TITLE:					OFFICE:																			
AERONAUTICAL INFORMATION SPECIALIST					AJV-5423																			



STANDARD INSTRUMENT APPROACH PROCEDURE DATA RECORD		
--	--	--

## 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:	