

RNAV - STANDARD US DEPARTMENT OF TRANSPORTATION FEDERAL AVIATION ADMINISTRATION						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																MISSED APPROACH									
FROM				TO				COURSE AND DISTANCE				ALTITUDE		LPV: DA LNAV/VNAV: DA LNAV: RW02 CLIMB TO 3000 DIRECT ZESSA AND HOLD. ADDITIONAL FLIGHT DATA: HOLD N, RT, 200.45 INBOUND. CHART FAS OBST: 1193 BUILDING 404213N/0950300W. DISTANCE TO THLD FROM 250 HAT: 0.66 NM. CHART VDP AT 1.38 NM TO RW02* *LNAV ONLY. WAAS CHANNEL # 99416 REFERENCE PATH ID: W02A CHART CIRCLING ICON. LTP HAE: 271 M											
JOGOL (IF/IAF)				TICTO (TF) (FB) (RNP 1.00)				020.30 / 6.00				2700													
TICTO (FAF)				FAHHO/2.30 NM TO RW02 (TF) (FB) (RNP 0.30)				020.34 / 2.94																	
FAHHO/2.30 NM TO RW02				RW02 (MAP) (TF) (FB) (RNP 0.30)				020.34 / 2.30																	
RW02 (MAP)				1241 MSL (CA)				020.34				3000													
1241 MSL				ZESSA (DF) (FO) (RNP 1.00)																					
1. PT _____ SIDE OF COURSE _____ OUTBOUND _____ FT WITHIN _____ MILES OF _____ (IAF) 2. HOLD S JOGOL, RT, 020.30 INBOUND, 3000 FT. IN LIEU OF PT (IAF) 3. FAC: 020.34 FAF: TICTO DIST FAF TO MAP: 5.24 THLD: 5.24 4. MIN. ALT: JOGOL 3000, TICTO 2700, FAHHO/2.30 NM TO RW02 1760* 5. DIST TO THLD FROM OM: _____ MM: _____ IM: _____ 150 HAT: _____ 100 HAT: _____ GS ANT: _____ 6. MIN GS INCPT: 2700 GS ALT AT: TICTO 2700 OM: _____ MM: _____ IM: _____ 7. GS ANGLE: 3.00 TCH: 40.0 20:1 IS CLEAR 34:1 IS NOT CLEAR 8. MSA FROM: _____																MAG VAR: 4E				EPOCH YEAR: 1995					
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	1241	1	250	1241	1	250	1241	1	250	1241	1	250													
LNAV/VNAV DA	1489	1 3/8	498	1489	1 3/8	498	1489	1 3/8	498	1489	1 3/8	498													
LNAV MDA	1460	1	469	1460	1	469	1460	1 3/8	469	1460	1 3/8	469													
CIRCLING	1500	1	504	1500	1	504	1780	2 1/4	784	1780	2 1/2	784													
NOTES: CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -16C (4F) OR ABOVE 54C (130F). @ CAT C 800-2 1/4, CAT D 800-2 1/2 PBN REQUIREMENTS NOTE: RNP APCH. CHART NOTE: CIRCLING NA W OF RWY 02-20. CHART NOTE: CIRCLING NA TO RWYS 13 AND 31. (CONTINUED ON PAGE 2)																									
CITY AND STATE				ELEVATION: 996 TDZE: 991				FACILITY IDENTIFIER: RNAV				PROCEDURE NO./AMDT NO./EFFECTIVE DATE:				SUP:									
CLARINDA, IA				AIRPORT NAME:								RNAV (GPS) RWY 2, AMDT 1				AMDT: ORIG-C									
				SCHENCK FIELD												DATED 06/22/2017									



ALL AFFECTED PROCEDURES REVIEWED? <input type="checkbox"/> YES <input type="checkbox"/> NO	COORDINATES OF FACILITIES	REQUIRED EFFECTIVE DATE <div style="text-align: center;">ROUTINE</div>
COORDINATED WITH: <div style="display: flex; justify-content: space-between; margin-top: 10px;"> <div>A4A <input type="checkbox"/></div> <div>ALPA <input checked="" type="checkbox"/></div> <div>AOPA <input checked="" type="checkbox"/></div> <div>APA <input type="checkbox"/></div> <div>HAI <input type="checkbox"/></div> <div>NBAA <input checked="" type="checkbox"/></div> <div>OTHER (specify) <input checked="" type="checkbox"/> <u>ZMP, AMGR</u></div> </div>		
FLIGHT CHECKED BY		
NAME:	FIFO	DATE:
DEVELOPED BY <i>Digitally signed by</i>		
NAME: <div style="text-align: center;">ANDREA CHANEY</div>	FIFO AJV-5433	DATE: 11/30/2017
APPROVED BY		
NAME: <div style="text-align: center;">PATRICK J. MULQUEEN</div>	FIFO AJV-5430	DATE:
CHANGES: 1. TERMINAL ROUTE DELETED: KARMA TO WARNI. 2. TERMINAL ROUTE DELETED: VIKKI TO YECBO. 3. TERMINAL ROUTE DELETED: WARNI TO JOGOL. 4. TERMINAL ROUTE DELETED: YECBO TO JOGOL. 5. TERMINAL ROUTE DELETED: TRAIG TO JOGOL. 6. TERMINAL ROUTE JOGOL TO TICTO, DISTANCE CHANGED FROM 6.09 NM TO 6.0 NM. 7. TERMINAL ROUTE, 'TICTO TO FAHHO/2.20 NM TO RW02' CHANGED TO 'TICTO TO FAHHO/2.30 NM TO RW02'. DISTANCE CHANGED FROM 2.97 NM TO 2.94 NM. 8. TERMINAL ROUTE, 'FAHHO/2.20 NM TO RW02 (MAP)' CHANGED TO 'FAHHO/2.30 NM TO RW02 (MAP)'. DISTANCE CHANGED FROM 2.20 NM TO 2.30 NM. 9. TERMINAL ROUTE, 'RW02 TO 1293 MSL' CHANGED TO 'RW02 TO 1241 MSL'. 10. TERMINAL ROUTE, '1293 MSL TO ZESEA' CHANGED TO '1241 MSL TO ZESEA'. 11. PROFILE LINE 3, DISTANCE FAF TO MAP AND FAF TO THLD CHANGED FROM 5.17 NM TO 5.24. 12. PROFILE LINE 4, FAHHO/2.20 NM TO RW02 CHANGED TO FAHHO/2.30 NM TO RW02. ALTITUDE CHANGED FROM 1720 TO 1760. 13. PROFILE LINE 7, NOTE ADDED: 20:1 IS CLEAR. 14. PROFILE LINE 8, MSA AT RW02 DELETED. (SEE FORM 8260-10)		
REASONS: 1-5. PER FPT CHECKLIST. 6. INTERMEDIATE SEGMENT SET TO MINIMUM SEGMENT LENGTH. 7-8, 11-12. PROCEDURE EVALUATED USING 3.00/40 TCH TO PROTECT FOR CLOSE-IN FINAL OBSTACLES. 9-10. CA ALTITUDE MUST BE THE LOWEST OF DA, MDA OR 400 ABOVE AIRPORT ELEVATION. 13. IAW 8260.19H PARA 8-6-7G(3). 14. PER FPT CHECKLIST AND REPLACED WITH TAA. 15-17. MINIMA LOWERED WITH NEW EVALUATION. NEW MINIMA ADDED PER FPT CHECKLIST. 18. NEW MINIMA ADDED PER FPT CHECKLIST. 19. MINIMA LOWERED WITH NEW EVALUATION. 20. LNAV MDA CHANGED FROM 1480 TO 1460. 21. NEW CIRCLING CRITERIA APPLIED. 22-24. PRIMARY ALTIMETER SOURCE LOCAL, ON-AIRPORT AND ON WMSCR. 25. TAA ADDED PER FPT CHECKLIST. 26. CIRCLING CAT C/D MDAS ABOVE STANDARD. (SEE FORM 8260-10)		

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

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NOTES, (CONT.):

CHART PROFILE NOTE: VGSi AND DESCENT ANGLES NOT COINCIDENT (VGSi ANGLE { ANGLE}/TCH {FEET}).

CHART NOTE: RWY 2 HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED.

TAA

	FROM	TO	ALT
1.	290/30 CW 110/30 (NOPT)	JOGOL (IF/IAF) (FB)	3000
2.	110/30 CW 290/30	110/15 CW 290/15	3200
	110/15 CW 290/15	JOGOL (IAF) (FO)	3000

QUALITY
24
CHECKED

CITY AND STATE
CLARINDA, IA

ELEVATION: 996 TDZE: 991
AIRPORT NAME:
SCHENCK FIELD

FACILITY
IDENTIFIER:
RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:
RNAV (GPS) RWY 2, AMDT 1

SUP:
AMDT: ORIG-C
DATED: 06/22/2017

ALL AFFECTED PROCEDURES REVIEWED? <div><input type="checkbox"/> YES</div> <div><input type="checkbox"/> NO</div>		COORDINATES OF FACILITIES		REQUIRED EFFECTIVE DATE	
COORDINATED WITH:					
A4A <div><input type="checkbox"/></div>		ALPA <div><input type="checkbox"/></div>		APA <div><input type="checkbox"/></div>	
AOPA <div><input type="checkbox"/></div>		HAI <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. LPV MINIMA CHANGED FROM 1293 DA/302 HAT TO 1241 DA/250 HAT. CATS C-D ADDED.					
16. LNAV/VNAV MINIMA CHANGED FROM 1604 DA/613 HAT/2 1/2 VISIBILITY TO 1489 DA/498 HAT/1 3/8 VISIBILITY. CATS C-D ADDED.					
17. LNAV MINIMA CHANGED FROM 1480 MDA/489 HAT TO 1460 MDA/469 HAT. CATS C-D ADDED.					
18. CIRCLING CATS C-D MINIMA ADDED.					
19. ADDITIONAL FLIGHT DATA, 'DISTANCE TO THLD FROM 302 HAT: 0.82 NM' CHANGED TO 'DISTANCE TO THLD FROM 250 HAT: 0.66 NM'.					
20. ADDITIONAL FLIGHT DATA, CHART VDP AT 1.44 NM TO RW02 CHANGED TO CHART VDP AT 1.38 NM TO RW02.					
21. ADDITIONAL FLIGHT DATA, CHART CIRCLING ICON ADDED.					
22. NOTE DELETED: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE SHENANDOAH ALTIMETER SETTING: INCREASE LPV DA TO 1338 FEET AND VISIBILITY TO 1 1/8 SM: INCREASE LNAV/VNAV DA TO 1649 FEET: INCREASE ALL MDAS 60 FEET.					
23. NOTE DELETED: BARO-VNAV AND VDP NA WHEN USING SHENANDOAH ALTIMETER SETTING.					
24. NOTE DELETED: ALTERNATE MINIMUMS NA WHEN LOCAL WEATHER NOT AVAILABLE.					
25. TAA ADDED: 1. 290/30 CW 110/30 (NOPT) JOGOL (IF/IAF) (FB) 3000. 2. 110/30 CW 290/30 110/15 CW 290/15 3200, (SEE FORM 8260-10)					
REASONS:					
REASONS CONT.					
27. LTP COORDINATES UPDATED FROM 404254.6355N/0950150.1190W TO 404254.6350N/0950150.1180W.					
28-29. PER MEMO 257.					



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QUALITY
24
CHECKED

CITY AND STATE
CLARINDA, IA

ELEVATION: 996 **TDZE: 991**
AIRPORT NAME:
SCHENCK FIELD

FACILITY
IDENTIFIER:
RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:
RNAV (GPS) RWY 2, AMDT 1

SUP:
AMDT: **ORIG-C**
DATED: **06/22/2017**

ALL AFFECTED PROCEDURES REVIEWED? <input type="checkbox"/> YES <input type="checkbox"/> NO		COORDINATES OF FACILITIES		REQUIRED EFFECTIVE DATE	
COORDINATED WITH:					
A4A <input type="checkbox"/>	ALPA <input type="checkbox"/>	APA <input type="checkbox"/>	AOPA <input type="checkbox"/>	HAI <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:
<div>CHANGES:</div> <div>CHANGES CONT.</div> <div>110/15 CW 290/15 JOGOL (IAF) (FO) 3000.</div> <div>26. ALTERNATE MINIMUMS NOTE ADDED: @ CAT C 800-2 1/4, CAT D 800-2 1/2.</div> <div>27. CRC REMAINDER CHANGED FROM ADCFA83D TO FD2D7CAE - LTP COORDINATES UPDATED.</div> <div>28. NOTE DELETED: DME/DME RNP-0.3 NA.</div> <div>29. NOTE ADDED: PBN REQUIREMENTS NOTE: RNP APCH.</div>					
REASONS:					

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

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FAS DATA BLOCK INFORMATION**DATA FIELD****DATA**

OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KICL
RUNWAY	RW02
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W02A
LTP/FTP LATITUDE	404254.6350N
LTP/FTP LONGITUDE	0950150.1180W
LTP/FTP ELLIPSOIDAL HEIGHT	+02710
FPAP LATITUDE	404415.8500N
FPAP LONGITUDE	0950101.7500W
THRESHOLD CROSSING HEIGHT (TCH)	00040.0
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	1224
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0

CRC REMAINDER

FD2D7CAE

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K3
LTP ORTHOMETRIC HEIGHT	+03020
FPAP ORTHOMETRIC HEIGHT	+03020

QUALITY
24
CHECKED

CITY AND STATE

CLARINDA, IA

ELEVATION: 996

TDZE: 991

AIRPORT NAME:

SCHENCK FIELD

FACILITY
IDENTIFIER:
RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

RNAV (GPS) RWY 2, AMDT 1

SUP:

AMDT: ORIG-C

DATED: 06/22/2017

ALL AFFECTED PROCEDURES REVIEWED? <div><input type="checkbox"/> YES</div> <div><input type="checkbox"/> NO</div>		COORDINATES OF FACILITIES		REQUIRED EFFECTIVE DATE	
COORDINATED WITH:					
A4A <div><input type="checkbox"/></div>	ALPA <div><input type="checkbox"/></div>	APA <div><input type="checkbox"/></div>	AOPA <div><input type="checkbox"/></div>	HAI <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.			
STRAIGHT-IN AREA		290/30 CW 110/30		JOGOL		1. TOWER (29-002997)		402408.70N/0945317.16W		1772 (1B)		1000		AT228		3000			
						2. TERRAIN		402427.93N/0945311.58W		1182 (1200)				AS1500		2700			
STRAIGHT-IN AREA		110/30 CW 290/30		110/15 CW 290/15		3. TOWER (19-021251)		404804.34N/0945406.92W		2180 (5D)		1000				3200			
						4. TERRAIN		404915.00N/0943845.00W		1355 (1400)				AS1500		2900			
STRAIGHT-IN AREA		110/15 CW 290/15		JOGOL		1. TOWER (29-002997)		402408.70N/0945317.16W		1772 (1B)		1000		AT228		3000			
						5. TERRAIN		404239.00N/0944951.00W		1234 (1200)				AS1500		2700			
INTERMEDIATE		JOGOL (IF/IAF)		TICTO		6. TOWER (29-001476)		403310.00N/0950719.00W		1567 (5D)		500				2100			
						7. TERRAIN		403421.00N/0950536.00W		1172 (1200)				AS1500		2700			
FINAL: LPV		TICTO		RW02		8. TREE (19-041124)		404249.50N/0950159.01W		1051 (1A)		34:1				1241/250			
FINAL: LNAV/VNAV		TICTO		RW02		9. BUILDING (19-040333)		404212.55N/0950259.88W		1193 (1A)		23.34:1				1489/498			
FINAL: LNAV		TICTO		FAHHO/2.30 NM TO RW02		10. AAO		403917.17N/0950436.57W		1399 (2C)		250		RA45 DG66		1760			
2. HOLD-IN-LIEU-OF-PT		JOGOL		P-5		11. WINDMILL (29-025331)		402711.03N/0951206.08W		1666 (4D)		1000		AT334		3000			
						12. TERRAIN		403006.00N/0951100.00W		1182 (1200)				AS1500		2700			
3. MISSED APPROACH	MAP:		DA / DA / RW02		ZESSA						ASC				3000				
	ELEV:		1054/1328/1360				13. TOWER (19-000301)		404529.96N/0945844.92W		1430 (4D)		1000		2500				
						14. TERRAIN		405345.00N/0945618.00W		1218 (1200)				AS1500		2700			
4. CIRCLING AREA		DISTANCE		HT. ABV. ARPT.															
CATEGORY A		1.3 NM		REQUIRED	ACTUAL	350		504		15. TREE		404324.00N/0945942.00W		1189 (2C)		300			
CATEGORY B		1.5 NM				450		504		16. TREE (19-042423)		404440.75N/0945957.50W		1194 (1A)		300		1500	
CATEGORY C		1.7 NM				450		784		13. TOWER (19-000301)		404529.96N/0945844.92W		1430 (4D)		300		AC50	
CATEGORY D		2.3 NM				550		784		13. TOWER (19-000301)		404529.96N/0945844.92W		1430 (4D)		300		AC50	
CATEGORY E		4.5 NM				550													
5. MINIMUM SAFE ALTITUDES																			
PRIMARY NAVAID:																			
SECTOR		OBSTRUCTION		BRG/DIST		ELEVATION (MSL)		M S A		SECTOR		OBSTRUCTION		BRG/DIST		ELEVATION (MSL)			
CITY AND STATE		CLARINDA, IA		ELEVATION: 996		AIRPORT NAME: SCHENCK FIELD		FACILITY RNAV		PROCEDURE AND AMENDMENT NO: RNAV (GPS) RWY 2, AMDT 1		REGION ACE							

QUALITY
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PART B - SUPPLEMENTAL DATA										PART C - REMARKS: PRECIPITOUS TERRAIN EVALUATION COMPLETED. RASS PRESSURE PATTERNS THE SAME. KICL 996, KSDA 971. RA=44.3. VGSI DATA: 3.00/28.0. PROCEDURE EVALUATED USING 40 TCH TO PROTECT FOR CLOSE-IN FINAL OBSTACLES. LPV SURFACE: 34:1 LNAV/VNAV SURFACE: 23.34:1 AVERAGE COLD TEMPERATURE BASED ON STANDARD -30C ISA DEVIATION. HISTORICAL DATA NOT AVAILABLE. APT ISA +13.028C ACT -16C. CRITICAL TEMPERATURES CRITICAL LOW / CRITICAL HIGH -16C (4F) / 54C (130F) CRITICAL LOW TEMP BASED ON ACT DELTA ISA LOW: -29.03C DESCENT RATE: STANDARD TEMP 967 HIGH TEMP LIMIT 1129. TEMPERATURE LIMITS, DELTA ISA LOW, AND DESCENT VALUES DERIVED FROM AFS-400 CALCULATOR. AVERAGE VEGETATION HEIGHT OF 40 FT PER FPT. FPT AND AIRPORT MANAGER REQUEST CIRCLING NA RIGHT OF RW20. CIRCLING NA TO RWYS 13 AND 31 - RWY 13/31 IS A TURF RWY AND THERE ARE NO RAPT APPROVALS FOR IFR OPERATIONS TO GRASS RUNWAYS. WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE SHENANDOAH ALTIMETER SETTING AND INCREASE ALL LPV DA TO 1286 FEET. INCREASE ALL LNAV/VNAV DA TO 1534 FEET AND ALL VISIBILITIES 1/4 SM. INCREASE ALL MDAS 60 FEET AND LNAV CAT C AND D VISIBILITY 1/8 SM. INCREASE CIRCLING CAT C AND D VISIBILITY 1/4 SM. BARO-VNAV AND VDP NA WHEN USING SHENANDOAH ALTIMETER SETTING. ALTERNATE MINIMUMS NA WHEN LOCAL WEATHER NOT AVAILABLE. ORDER 8260.3, CHAPTER 2, NEW CIRCLING CRITERIA APPLIED. CAT A: 1.30NM CAT B: 1.84NM CAT C: 2.89NM CAT D: 3.78NM SEE ATTACHED AIRSPACE LETTER. "VISUAL PORTION OF FINAL" PENETRATIONS: LPV, LNAV/VNAV AND LNAV 34:1 1035 TREE (19-040449) 404243.40N/0950159.44W (11.01) 1026 TREE (19-044234) 404244.81N/0950155.34W (9.66) 1020 TREE (19-044233) 404246.43N/0950156.59W (6.89) 1007 TRAVERSE WAY (19-041745) 404250.16N/0950155.90W (4.64) 1026 TREE (19-044043) 404242.83N/0950155.44W (4.20) 1007 TRAVERSE WAY (19-043045) 404249.54N/0950154.73W (4.06) 1005 TRAVERSE WAY (19-043042) 404249.23N/0950152.00W (3.77) CONT.		
1. COMMUNICATIONS WITH: ZMP ARTCC			2. WEATHER SERVICE			3. ALTIMETER SETTING						
SATISFACTORY ON:				N W S	OTHER: AWOS-3		SOURCE: KICL / KSDA					
				F A A			DISTANCE: 0 / 17.70					
				HOURS REMOTE OPERATION: 0/YES / 24/YES								
X	V H F	X	U H F		H F	LOCATION: KICL			ADJUSTMENT: 0 / 45			
4. MONITOR STATUS		PRIMARY NAVAID:									LPV SURFACE: 34:1 LNAV/VNAV SURFACE: 23.34:1	
		MONITOR POINT:										
		HRS OPTN:	CAT 1									
5. APPROACH & RUNWAY LIGHTING											AVERAGE COLD TEMPERATURE BASED ON STANDARD -30C ISA DEVIATION. HISTORICAL DATA NOT AVAILABLE. APT ISA +13.028C ACT -16C. CRITICAL TEMPERATURES CRITICAL LOW / CRITICAL HIGH -16C (4F) / 54C (130F) CRITICAL LOW TEMP BASED ON ACT DELTA ISA LOW: -29.03C DESCENT RATE: STANDARD TEMP 967 HIGH TEMP LIMIT 1129. TEMPERATURE LIMITS, DELTA ISA LOW, AND DESCENT VALUES DERIVED FROM AFS-400 CALCULATOR. AVERAGE VEGETATION HEIGHT OF 40 FT PER FPT. FPT AND AIRPORT MANAGER REQUEST CIRCLING NA RIGHT OF RW20. CIRCLING NA TO RWYS 13 AND 31 - RWY 13/31 IS A TURF RWY AND THERE ARE NO RAPT APPROVALS FOR IFR OPERATIONS TO GRASS RUNWAYS. WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE SHENANDOAH ALTIMETER SETTING AND INCREASE ALL LPV DA TO 1286 FEET. INCREASE ALL LNAV/VNAV DA TO 1534 FEET AND ALL VISIBILITIES 1/4 SM. INCREASE ALL MDAS 60 FEET AND LNAV CAT C AND D VISIBILITY 1/8 SM. INCREASE CIRCLING CAT C AND D VISIBILITY 1/4 SM. BARO-VNAV AND VDP NA WHEN USING SHENANDOAH ALTIMETER SETTING. ALTERNATE MINIMUMS NA WHEN LOCAL WEATHER NOT AVAILABLE. ORDER 8260.3, CHAPTER 2, NEW CIRCLING CRITERIA APPLIED. CAT A: 1.30NM CAT B: 1.84NM CAT C: 2.89NM CAT D: 3.78NM SEE ATTACHED AIRSPACE LETTER. "VISUAL PORTION OF FINAL" PENETRATIONS: LPV, LNAV/VNAV AND LNAV 34:1 1035 TREE (19-040449) 404243.40N/0950159.44W (11.01) 1026 TREE (19-044234) 404244.81N/0950155.34W (9.66) 1020 TREE (19-044233) 404246.43N/0950156.59W (6.89) 1007 TRAVERSE WAY (19-041745) 404250.16N/0950155.90W (4.64) 1026 TREE (19-044043) 404242.83N/0950155.44W (4.20) 1007 TRAVERSE WAY (19-043045) 404249.54N/0950154.73W (4.06) 1005 TRAVERSE WAY (19-043042) 404249.23N/0950152.00W (3.77) CONT.	
		6. RUNWAY MARKINGS		BASIC								
ALL WEATHER												
INSTRUMENT NPI-F 02, 20												
7. RUNWAY VISUAL RANGE		APPROACH								WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE SHENANDOAH ALTIMETER SETTING AND INCREASE ALL LPV DA TO 1286 FEET. INCREASE ALL LNAV/VNAV DA TO 1534 FEET AND ALL VISIBILITIES 1/4 SM. INCREASE ALL MDAS 60 FEET AND LNAV CAT C AND D VISIBILITY 1/8 SM. INCREASE CIRCLING CAT C AND D VISIBILITY 1/4 SM. BARO-VNAV AND VDP NA WHEN USING SHENANDOAH ALTIMETER SETTING. ALTERNATE MINIMUMS NA WHEN LOCAL WEATHER NOT AVAILABLE. ORDER 8260.3, CHAPTER 2, NEW CIRCLING CRITERIA APPLIED. CAT A: 1.30NM CAT B: 1.84NM CAT C: 2.89NM CAT D: 3.78NM SEE ATTACHED AIRSPACE LETTER. "VISUAL PORTION OF FINAL" PENETRATIONS: LPV, LNAV/VNAV AND LNAV 34:1 1035 TREE (19-040449) 404243.40N/0950159.44W (11.01) 1026 TREE (19-044234) 404244.81N/0950155.34W (9.66) 1020 TREE (19-044233) 404246.43N/0950156.59W (6.89) 1007 TRAVERSE WAY (19-041745) 404250.16N/0950155.90W (4.64) 1026 TREE (19-044043) 404242.83N/0950155.44W (4.20) 1007 TRAVERSE WAY (19-043045) 404249.54N/0950154.73W (4.06) 1005 TRAVERSE WAY (19-043042) 404249.23N/0950152.00W (3.77) CONT.		
		MIDFIELD										
		ROLL OUT										
8. GLIDE PATH		GP ANGLE: 3.00				ELEV RWY THRESHOLD: 990.7				WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE SHENANDOAH ALTIMETER SETTING AND INCREASE ALL LPV DA TO 1286 FEET. INCREASE ALL LNAV/VNAV DA TO 1534 FEET AND ALL VISIBILITIES 1/4 SM. INCREASE ALL MDAS 60 FEET AND LNAV CAT C AND D VISIBILITY 1/8 SM. INCREASE CIRCLING CAT C AND D VISIBILITY 1/4 SM. BARO-VNAV AND VDP NA WHEN USING SHENANDOAH ALTIMETER SETTING. ALTERNATE MINIMUMS NA WHEN LOCAL WEATHER NOT AVAILABLE. ORDER 8260.3, CHAPTER 2, NEW CIRCLING CRITERIA APPLIED. CAT A: 1.30NM CAT B: 1.84NM CAT C: 2.89NM CAT D: 3.78NM SEE ATTACHED AIRSPACE LETTER. "VISUAL PORTION OF FINAL" PENETRATIONS: LPV, LNAV/VNAV AND LNAV 34:1 1035 TREE (19-040449) 404243.40N/0950159.44W (11.01) 1026 TREE (19-044234) 404244.81N/0950155.34W (9.66) 1020 TREE (19-044233) 404246.43N/0950156.59W (6.89) 1007 TRAVERSE WAY (19-041745) 404250.16N/0950155.90W (4.64) 1026 TREE (19-044043) 404242.83N/0950155.44W (4.20) 1007 TRAVERSE WAY (19-043045) 404249.54N/0950154.73W (4.06) 1005 TRAVERSE WAY (19-043042) 404249.23N/0950152.00W (3.77) CONT.		
		DISTANCE FROM RWY:				ELEV GP ANTENNA:						
						THRESHOLD CROSSING HEIGHT: 40.0						
9. FINAL APPROACH COURSE AIMING			X	RUNWAY THRESHOLD					FT. FROM THRESHOLD		WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE SHENANDOAH ALTIMETER SETTING AND INCREASE ALL LPV DA TO 1286 FEET. INCREASE ALL LNAV/VNAV DA TO 1534 FEET AND ALL VISIBILITIES 1/4 SM. INCREASE ALL MDAS 60 FEET AND LNAV CAT C AND D VISIBILITY 1/8 SM. INCREASE CIRCLING CAT C AND D VISIBILITY 1/4 SM. BARO-VNAV AND VDP NA WHEN USING SHENANDOAH ALTIMETER SETTING. ALTERNATE MINIMUMS NA WHEN LOCAL WEATHER NOT AVAILABLE. ORDER 8260.3, CHAPTER 2, NEW CIRCLING CRITERIA APPLIED. CAT A: 1.30NM CAT B: 1.84NM CAT C: 2.89NM CAT D: 3.78NM SEE ATTACHED AIRSPACE LETTER. "VISUAL PORTION OF FINAL" PENETRATIONS: LPV, LNAV/VNAV AND LNAV 34:1 1035 TREE (19-040449) 404243.40N/0950159.44W (11.01) 1026 TREE (19-044234) 404244.81N/0950155.34W (9.66) 1020 TREE (19-044233) 404246.43N/0950156.59W (6.89) 1007 TRAVERSE WAY (19-041745) 404250.16N/0950155.90W (4.64) 1026 TREE (19-044043) 404242.83N/0950155.44W (4.20) 1007 TRAVERSE WAY (19-043045) 404249.54N/0950154.73W (4.06) 1005 TRAVERSE WAY (19-043042) 404249.23N/0950152.00W (3.77) CONT.	
			X	ON CENTERLINE					FT. FROM CENTERLINE			
10. WAIVERS: NONE										WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE SHENANDOAH ALTIMETER SETTING AND INCREASE ALL LPV DA TO 1286 FEET. INCREASE ALL LNAV/VNAV DA TO 1534 FEET AND ALL VISIBILITIES 1/4 SM. INCREASE ALL MDAS 60 FEET AND LNAV CAT C AND D VISIBILITY 1/8 SM. INCREASE CIRCLING CAT C AND D VISIBILITY 1/4 SM. BARO-VNAV AND VDP NA WHEN USING SHENANDOAH ALTIMETER SETTING. ALTERNATE MINIMUMS NA WHEN LOCAL WEATHER NOT AVAILABLE. ORDER 8260.3, CHAPTER 2, NEW CIRCLING CRITERIA APPLIED. CAT A: 1.30NM CAT B: 1.84NM CAT C: 2.89NM CAT D: 3.78NM SEE ATTACHED AIRSPACE LETTER. "VISUAL PORTION OF FINAL" PENETRATIONS: LPV, LNAV/VNAV AND LNAV 34:1 1035 TREE (19-040449) 404243.40N/0950159.44W (11.01) 1026 TREE (19-044234) 404244.81N/0950155.34W (9.66) 1020 TREE (19-044233) 404246.43N/0950156.59W (6.89) 1007 TRAVERSE WAY (19-041745) 404250.16N/0950155.90W (4.64) 1026 TREE (19-044043) 404242.83N/0950155.44W (4.20) 1007 TRAVERSE WAY (19-043045) 404249.54N/0950154.73W (4.06) 1005 TRAVERSE WAY (19-043042) 404249.23N/0950152.00W (3.77) CONT.		
PART D - PREPARED BY: ANDREA CHANEY					DATE: 11/30/2017							
TITLE: AERONAUTICAL INFORMATION SPECIALIST					OFFICE: AJV-5433							



STANDARD INSTRUMENT APPROACH PROCEDURE DATA RECORD	
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PART - A OBSTRUCTION DATA

[illegible]

PART B - SUPPLEMENTAL DATA										PART C - REMARKS: CONTINUED. 1006 TRAVERSE WAY (19-043044) 404249.28N/0950153.39W (3.60) 1027 TREE (19-044187) 404242.79N/0950157.91W (2.78) 1050 TREE (19-044272) 404235.24N/0950201.33W (2.12) 1028 TREE (19-041726) 404241.28N/0950155.39W (2.04)		
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		
										MAL S		
										HIRL		
										MIRL		
										REIL		
										TDZ		
										C/LINE		
										OTHER (SPECIFY)		
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:		

