

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										MISSED APPROACH							
FROM		TO		COURSE AND DISTANCE				ALTITUDE		LPV: DA LNAV/VNAV: DA LNAV: RW04							
WIBSU (IF/IAF)		TEPID (TF) (FB) (RNP 1.00)		045.17 / 6.81				2100		CLIMB TO 2300 DIRECT KICKY AND HOLD.							
TEPID (FAF)		RW04 (MAP) (TF) (FO) (RNP 0.30)		045.22 / 4.69													
RW04 (MAP)		828 MSL (CA)		045.22													
828 MSL		KICKY (DF) (FO) (RNP 1.00)						2300		ADDITIONAL FLIGHT DATA: HOLD NE, RT, 225.33 INBOUND. CHART FAS OBST: 697 TOWER 341713N/0810758W CHART GAMECOCK 1 MOA. CHART R-6001A, B. DISTANCE TO THLD FROM 250 HAT: 0.67 NM. CHART VDP AT 1.10 NM TO RW04* *LNAV ONLY. WAAS CHANNEL # 82329 REFERENCE PATH ID: W04A CHART CIRCLING ICON. LTP HAE: 144.8 M							
1. PT _____ SIDE OF COURSE _____ OUTBOUND _____ FT WITHIN _____ MILES OF _____ (IAF)																	
2. HOLD SW WIBSU, RT, 045.17 INBOUND, 2300 FT. IN LIEU OF PT (IAF)																	
3. FAC: 045.22 FAF: TEPID DIST FAF TO MAP: 4.69 THLD: 4.69										MAG VAR: 7W EPOCH YEAR: 2015							
4. MIN. ALT: WIBSU 2300, TEPID 2100																	
5. DIST TO THLD FROM OM: _____ MM: _____ IM: _____ 150 HAT: _____ 100 HAT: _____ GS ANT: _____																	
6. MIN GS INCPT: 2100 GS ALT AT: TEPID 2100 OM: _____ MM: _____ IM: _____																	
7. GS ANGLE: 3.00 TCH: 40.0 34:1 IS CLEAR																	
8. MSA FROM: _____																	
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		828	7/8	250	828	7/8	250	828	7/8	250	828	7/8	250				
LNAV/VNAV DA		828	7/8	250	828	7/8	250	828	7/8	250	828	7/8	250				
LNAV MDA		960	1	382	960	1	382	960	1 1/8	382	960	1 1/8	382				
CIRCLING		980	1	402	1040	1	462	1080	1 1/2	502	1360	2 1/2	782				
NOTES: CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -16C (4F) OR ABOVE 54C (130F). @ CAT D 800-2 1/2 CHART NOTE: DME/DME RNP-0.3 NA. CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET}).																	
CITY AND STATE WINNSBORO, SC		ELEVATION: 578 TDZE: 578 AIRPORT NAME: FAIRFIELD COUNTY		FACILITY IDENTIFIER: RNAV		PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 4, AMDT 2						SUP: AMDT: 1B DATED 08/20/2015					

ALL AFFECTED PROCEDURES REVIEWED? <div><input type="checkbox"/> YES</div> <div><input type="checkbox"/> NO</div>		COORDINATES OF FACILITIES		REQUIRED EFFECTIVE DATE	
				ROUTINE	
COORDINATED WITH:					
ATA <div></div>		AAT <div></div>		ALPA <div>X</div>	
APA <div></div>		AOPA <div>X</div>		NBAA <div>X</div>	
OTHER (specify) <div>ZJX, CAE APP CON, ARPT MGR</div>					
FLIGHT CHECKED BY					
NAME:				FIFO	DATE:
DEVELOPED BY					
NAME:				FIFO	DATE:
JACOB A. POWERS (BRETT E. CANNON)				AJV-5432	07/25/2017
APPROVED BY					
NAME:				FIFO	DATE:
PATRICK MULQUEENMANAGER				AJV-5430	
CHANGES:					
<div>1. LINE 3., DISTANCE FAF TO MAP/THLD UPDATED FROM 4.66 TO 4.69. 2. ADDITIONAL FLIGHT DATA: UPDATED DISTANCE TO THLD FROM 250 HATH: 0.66 NM TO 250 HAT: 0.67 NM. 3. ADDITIONAL FLIGHT DATA: ADDED CHART VDP AT 1.10 MILES TO RW04. 4. ADDITIONAL FLIGHT DATA: UPDATED FROM LTP HAE: 145.4 M TO LTP HAE: 144.8 M. 5. ADDITIONAL FLIGHT DATA: CHART CIRCLING ICON. 6. LPV ALL CATS DA UPDATED FROM 827 TO 828; VISIBILITY UPDATE FROM 1 TO 7/8. 7. LNAV/VNAV ALL CATS DA UPDATED FROM 850 TO 828; VISIBILITY UPDATED FROM 1 TO 7/8; HAT FROM 273 TO 250. 8. LNAV ALL CATS UPDATED HAT FROM 383 TO 382. 9. CIRCLING HAA UPDATED CAT A FROM 423 TO 402; CAT B UPDATED FROM 463 TO 462; CAT C UPDATED FROM 463 TO 502; CAT D UPDATED FROM 563 TO 782. VISIBILITY CAT D UPDATED FROM 2 TO 2 1/2. 10. UPDATED CHART NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT TO VGSI AND RNAV GLIDEPATH NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET}). 11. ADDED ALTERNATE MINIMUMS NOTE: @ CAT D 800-2 1/2. 12. TOUCHDOWN ZONE ELEVATION (TDZE) UPDATED FROM 573 TO 574. 13. FAS DATA BLOCK INFORMATION UPDATED, CRC REMAINDER FROM 6102D4E4 TO 2F55709B. (SEE FORM 8260-10)</div>					
REASONS:					
<div>1,2. PFAF MOVED TO NEW IPDS DERIVED PFAF LOCATION. 3.,4. NEW AIRNAV DATA. 5. MUST BE CHARTED WHEN ORDER 8260.3, VOLUME 1, CHAPTER 2, NEW CIRCLING CRITERIA IS APPLIED. 6-8. UPDATED AIRNAV DATA. 9. ORDER 8260.3, VOLUME 1, CHAPTER 2, NEW CIRCLING CRITERIA HAS BEEN APPLIED. 10. IAW 8260.19G, PARA 8-6-6. N.(1) NOTES. 11. CIRCLING CAT D MDA RAISED WITH NEW CIRCLING CRITERIA, VISIBILITY INCREASED IAW 8260.3C, TABLE 3-3-7. 12, 13. AS A RESULT OF UPDATED AIRNAV DATA. 14. KFDW AWOS TRANSMITTED ON WMSCR NETWORK, BACKUP NOTES NOT REQUIRED TO BE CHARTED. NOTES PLACED ON BACK OF 8260-9 FOR CONTINGENCY NOTAMS. 15. 20:1 AND 34:1 PENETRATIONS REMOVED.</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.

TAA

	FROM	TO	ALT
1.	315/30 CW 135/30 (NOPT)	WIBSU (IF/IAF) (FB)	2300
2.	135/30 CW 315/30	135/8 CW 315/8	3100
	135/8 CW 315/8	WIBSU (IF/IAF) (FO)	2300

CITY AND STATE
WINNSBORO, SC

ELEVATION: 578 TDZE: 578
AIRPORT NAME:
FAIRFIELD COUNTY

FACILITY
IDENTIFIER:
RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:
RNAV (GPS) RWY 4, AMDT 2

SUP:
AMDT: 1B
DATED: 08/20/2015

QUALITY
10
CHECKED

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: CHANGES CONT. 14. REMOVED BACKUP NOTES FROM -3 AND PLACED ON BACK OF 8260-9 FOR CONTINGENCY NOTAMS. 15. REMOVED CHART NOTE HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NA.					
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	KFDW
RUNWAY	RW04
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W04A
LTP/FTP LATITUDE	341838.0800N
LTP/FTP LONGITUDE	0810648.3900W
LTP/FTP ELLIPSOIDAL HEIGHT	+01448
FPAP LATITUDE	341948.1700N
FPAP LONGITUDE	0810541.7800W
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
 <u>CRC REMAINDER</u>	 2F55709B

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K7
LTP ORTHOMETRIC HEIGHT	+01755
FPAP ORTHOMETRIC HEIGHT	+01755

CITY AND STATE

WINNSBORO, SC

ELEVATION: 578

TDZE: 578

AIRPORT NAME:

FAIRFIELD COUNTY

FACILITY
IDENTIFIER:
RNAVPROCEDURE NO./AMDT NO./EFFECTIVE DATE:
RNAV (GPS) RWY 4, AMDT 2

SUP:

AMDT: 1B

DATED: 08/20/2015

 QUALITY
10
CHECKED

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.						
STRAIGHT-IN AREA		315/30 CW 135/30		WIBSU		1. TOWER (45-000798)		341119.73N/0812416.66W		1168 (2C)	1000		2200						
						2. TERRAIN		341112.00N/0812448.00W		788 (800)		AS1500	2300						
STRAIGHT-IN AREA		135/30 CW 315/30		135/8 CW 315/8		3. TOWER (45-001930)		340658.43N/0804549.91W		2049 (1A)	1000		3100						
						4. TERRAIN		341109.00N/0812451.00W		778 (800)		AS1500	2300						
STRAIGHT-IN AREA		135/8 CW 315/8		WIBSU		1. TOWER (45-000798)		341119.73N/0812416.66W		1168 (2C)	1000		2200						
						2. TERRAIN		341112.00N/0812448.00W		788 (800)		AS1500	2300						
INTERMEDIATE		WIBSU (IF/IAF)		TEPID		5. TOWER (45-001470)		340832.67N/0811404.85W		657 (2C)	500	AT943	2100						
						6. TERRAIN		341421.00N/0810927.00W		436 (400)		AS1500	1900						
FINAL: LPV		TEPID		RW04		7. TRAVERSE_WAY (45-026223)		341837.73N/0810654.32W		577 (2C)	34:1	AC20	828/250						
FINAL: LNAV/VNAV		TEPID		RW04		8. TREE (45-024586)		341845.48N/0810625.50W		656 (1A)	23.44:1		828/250						
FINAL: LNAV		TEPID		RW04		9. TOWER (45-002626)		341713.29N/0810758.21W		697 (2C)	250		960						
2. HOLD-IN-LIEU-OF-PT		WIBSU		P-5		10. TOWER (45-001387)		340855.84N/0811937.51W		739 (1A)	1000	AT561	2300						
						11. TERRAIN		340033.00N/0811739.00W		539 (500)		AS1500	2000						
3. MISSED APPROACH	MAP:		DA / DA / RW04		KICKY						ASC		2300						
	ELEV:		639/700/860				12. TOWER (45-001333)		342355.92N/0810234.53W		793 (2C)	1000	1800						
						13. TERRAIN		342230.00N/0810506.00W		542 (500)		AS1500	2000						
4. CIRCLING AREA		DISTANCE		HT. ABV. ARPT.															
CATEGORY A		1.3 NM		REQUIRED	350	ACTUAL	402	14. TREE		341844.90N/0810626.24W		680 (2C)	300	980					
CATEGORY B		1.5 NM			450		462	15. TOWER (45-047154)		342027.73N/0810508.89W		710 (1A)	300	HAA	1040				
CATEGORY C		1.7 NM			450		502	16. TOWER (45-002071)		342154.00N/0810532.00W		764 (2C)	300		1080				
CATEGORY D		2.3 NM			550		782	17. TOWER (45-001298)		341802.20N/0810237.50W		1041 (2C)	300		1360				
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)		M S A	
CITY AND STATE		WINNSBORO, SC		ELEVATION: 578				FACILITY				PROCEDURE AND AMENDMENT NO:				REGION			
				AIRPORT NAME:				RNAV				RNAV (GPS) RWY 4, AMDT 2				ASO			
				FAIRFIELD COUNTY															

PART B - SUPPLEMENTAL DATA										<div>PART C - REMARKS:</div> <div>PRECIPITOUS TERRAIN EVALUATION COMPLETED.</div> <div>BACKUP ALTIMETER SETTING NOTES: VDP AND BARO-VNAV NA WHEN USING COLUMBIA METROPOLITAN ALTIMETER SETTING. NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE COLUMBIA METROPOLITAN ALTIMETER SETTING AND INCREASE ALL DA AND MDA 100 FEET AND LPV ALL CATS AND LNAV/VNAV ALL CATS VISIBILITY 3/8 SM AND LNAV CATS C AND D VISIBILITY 1/4 SM AND INCREASE CIRCLING CAT C VISIBILITY 1/4 SM AND CAT D 1/2 SM.</div> <div>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</div> <div>SEE ATTACHED AIRSPACE LETTER. RASS PRESSURE PATTERNS SAME KFDW 577.0, KCAE 235.9 RA = 99.65.</div> <div>RWY 4 DISPLACE THRESHOLD 239 FEET.</div> <div>VGSI DATA: 3.00/31.5</div> <div>LPV SLOPE: 34:1 LNAV/VNAV SLOPE: 23.44:1</div> <div>100' VEGETATION USED PER FPT.</div> <div>CRITICAL TEMPERATURES: CRITICAL LOW: -16 (+4F) CRITICAL HIGH:+54 (+130F) ACT: -16C APT ISA: +13.86C</div> <div>CRITICAL TEMPERATURE REMARKS AVERAGE COLD TEMPERATURE DERIVED FROM STANDARD -30C ISA DEVIATION. CRITICAL LOW TEMPERATURE BASED ON ACT. DESCENT RATE (FPM): STANDARD TEMP 961 HIGH TEMP 1122.</div> <div>LOWERED LNAV/VNAV MINIMA APPROVED BY FPT.</div> <div>UNABLE LOWER ON THE LPV DUE TO HAT CANNOT BE LESS THAN 250 FOR NON-PRECISION MARKINGS PER AC150/5300-13A CHANGE 1.</div> <div>QUALITY 10 CHECKED</div>																			
1. COMMUNICATIONS WITH:				2. WEATHER SERVICE				3. ALTIMETER SETTING																					
AND FSS CAE APP CON ZJX ARTCC						N W S		OTHER: AWOS-3												SOURCE:KFDW / KCAE									
						F A A														DISTANCE: 0 / 22.62									
						A / C														HOURS REMOTE OPERATION: 0/YES / 24/YES									
SATISFACTORY ON:																													
X		V H F		X		U H F														H F		LOCATION: KFDW				ADJUSTMENT: 0 / 100			
4. MONITOR STATUS		PRIMARY NAVAID:																											
		MONITOR POINT:																											
		HRS OPTN:		CAT 1																									
				CAT 3																									
5. APPROACH & RUNWAY LIGHTING				ALS																									
				(S) SALS																									
				MALS																									
				HIRL																									
		X		MIRL 04 (PCL), 22 (PCL)																									
				REIL																									
				TDZ																									
				C/LINE																									
		X		OTHER (SPECIFY) PAPI-4L 04 (PCL), 22 (PCL)																									
6. RUNWAY MARKINGS				BASIC																									
				ALL WEATHER																									
				INSTRUMENT NPI-G 04, 22																									
7. RUNWAY VISUAL RANGE				APPROACH																									
				MIDFIELD																									
				ROLL OUT																									
8. GLIDE PATH				GP ANGLE: 3.00								ELEV RWY THRESHOLD:575.7																	
				DISTANCE FROM RWY:								ELEV GP ANTENNA:																	
				THRESHOLD CROSSING HEIGHT:40.0																									
9. FINAL APPROACH COURSE AIMING				X		RUNWAY THRESHOLD FT. FROM THRESHOLD																							
				X		ON CENTERLINE FT. FROM CENTERLINE																							
10. WAIVERS: NONE																													
PART D - PREPARED BY: JACOB A. POWERS (BRETT E. CANNON)												DATE: 07/25/2017																	
TITLE: AERONAUTICAL INFORMATION SPECIALIST												OFFICE: AJV-5432																	