

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: RW22					
KICKY (IF/IAF)		STUPE (TF) (FB) (RNP 1.00)		225.33 / 6.80				2000		CLIMB TO 2300 DIRECT WIBSU AND HOLD.					
STUPE (FAF)		RW22 (MAP) (TF) (FO) (RNP 0.30)		225.28 / 4.40											
RW22 (MAP)		824 MSL (CA)		225.28											
824 MSL		WIBSU (DF) (FO) (RNP 1.00)						2300		ADDITIONAL FLIGHT DATA: HOLD SW, RT, 045.17 INBOUND. FAS OBST: 749 AAO 342144N/0810334W CHART GAMECOCK 1 MOA. DISTANCE TO THLD FROM 250 HAT: 0.71 NM. CHART VDP AT 1.26 NM TO RW22* *LNAV ONLY. WAAS CHANNEL # 97330 REFERENCE PATH ID: W22A CHART CIRCLING ICON. CHART R-6001A, B. LTP HAE: 139.8 M					
1. PT _____ SIDE OF COURSE _____ OUTBOUND _____ FT WITHIN _____ MILES OF _____ (IAF)										MAG VAR: 7W EPOCH YEAR: 2015					
2. HOLD NE KICKY, RT, 225.33 INBOUND, 2300 FT. IN LIEU OF PT (IAF)															
3. FAC: 225.28 FAF: STUPE DIST FAF TO MAP: 4.40 THLD: 4.40															
4. MIN. ALT: KICKY 2300, STUPE 2000															
5. DIST TO THLD FROM OM: _____ MM: _____ IM: _____ 150 HAT: _____ 100 HAT: _____ GS ANT: _____															
6. MIN GS INCPT: 2000 GS ALT AT: STUPE 2000 OM: _____ MM: _____ IM: _____															
7. GS ANGLE: 3.00 TCH: 39.5 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	824	7/8	250	824	7/8	250	824	7/8	250	824	7/8	250			
LNAV/VNAV DA	824	7/8	250	824	7/8	250	824	7/8	250	824	7/8	250			
LNAV MDA	1000	1	426	1000	1	426	1000	1 1/4	426	1000	1 1/4	426			
CIRCLING	1000	1	422	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: 574 AIRPORT NAME: FAIRFIELD COUNTY		FACILITY IDENTIFIER: RNAV		PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 22, 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><input checked="" type="checkbox"/></div>	APA <div></div>	AOPA <div><input checked="" type="checkbox"/></div>	NBAA <div><input checked="" type="checkbox"/></div>
OTHER (specify) ZJX, CAE APP CON, ARPT MGR					
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. TERMINAL ROUTES, STUPE TO RW22 COURSE AND DISTANCE UPDATED FROM 225.29/4.39 TO 225.28/4.40.</div> <div>2. TERMINAL ROUTES, UPDATED RW22 TO 824 MSL; COURSE UPDATED FROM 225.29 TO 225.28.</div> <div>3. TERMINAL ROUTES, UPDATED CA LEG FROM 811 TO 824 MSL.</div> <div>4. LINE 2., INBOUND COURSE UPDATED FROM 225.34 TO 225.33.</div> <div>5. LINE 3., UPDATED FAC FROM 225.29 TO 225.28 AND DISTANCE FAF TO MAP/THLD UPDATED FROM 4.39 TO 4.40.</div> <div>6. LINE 7., UPDATED TCH FROM 40.0 TO 39.5.</div> <div>7. ADDITIONAL FLIGHT DATA: UPDATED DISTANCE TO THLD FROM 250 HATH: 0.66 NM TO 250 HAT: 0.71 NM.</div> <div>8. ADDITIONAL FLIGHT DATA: UPDATED FROM CHART VDP AT 1.29 MILES TO RW22 TO VDP AT 1.26 MILES TO RW22.</div> <div>9. ADDITIONAL FLIGHT DATA: UPDATED FROM LTP HAE: 140.3 M TO LTP HAE: 139.8 M.</div> <div>10. ADDITIONAL FLIGHT DATA: CHART CIRCLING ICON.</div> <div>11. LPV ALL CATS DA UPDATED FROM 823 TO 824.</div> <div>12. LNAV ALL CATS UPDATED HAT FROM 427 TO 426.</div> <div>13. LNAV/VNAV ALL CATS DA UPDATED FROM 878 TO 824; VISIBILITY UPDATED FROM 1 TO 7/8; HAT FROM 305 TO 250.</div> <div>14. CIRCLING HAA UPDATED CAT A FROM 423 TO 422; CAT B UPDATED FROM 463 TO 462; CAT C UPDATED FROM 463 TO 502; CAT D UPDATED FROM 563 TO 782.</div> <div>(SEE FORM 8260-10)</div>					
REASONS:					
<div>1-6. NEW AIRNV AIRPORT DATA.</div> <div>7-9. NEW THRESHOLD LOCATION.</div> <div>10. MUST BE CHARTED WHEN ORDER 8260.3, VOLUME 1, CHAPTER 2, NEW CIRCLING CRITERIA IS APPLIED.</div> <div>11,12. NEW AIRPORT ELEVATION.</div> <div>13. NEW OBSTACLE DATA INFORMATION.</div> <div>14. ORDER 8260.3, VOLUME 1, CHAPTER 2, NEW CIRCLING CRITERIA HAS BEEN APPLIED.</div> <div>15. 20:1 PENETRATIONS REMOVED.</div> <div>16. IAW 8260.19G, PARA 8-6-6. N.(1) NOTES.</div> <div>17. CIRCLING CAT D MDA RAISED WITH NEW CIRCLING CRITERIA, VISIBILITY INCREASED IAW 8260.3C, TABLE 3-3-7.</div> <div>18, 19. AS A RESULT OF UPDATED AIRNAV DATA.</div> <div>20. KFDW AWOS TRANSMITTED ON WMSCR NETWORK, BACKUP NOTES NOT REQUIRED. PLACED ON BACK OF 8260-9 FOR CONTINGENCY NOTAMS.</div>					



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

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TAA

	FROM	TO	ALT
1.	135/30 CW 315/30 (NOPT)	KICKY (IF/IAF) (FB)	2300
2.	315/30 CW 135/30	315/15 CW 135/15	3100
	315/15 CW 135/15	KICKY (IF/IAF) (FO)	2300

CITY AND STATE
WINNSBORO, SC

ELEVATION: 578 TDZE: 574
AIRPORT NAME:
FAIRFIELD COUNTY

FACILITY
IDENTIFIER:
RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:
RNAV (GPS) RWY 22, 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:
<div>CHANGES:</div> <div>CHANGES CONT.</div> <div>VISIBILITY CAT D UPDATED FROM 2 TO 2 1/2.</div> <div>15. REMOVED CHART NOTE: NIGHT LANDING: RWY 4 NA.</div> <div>16. UPDATED CHART NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT TO VGSI AND RNAV GLIDEPATH NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET}).</div> <div>17. ADDED ALTERNATE MINUMUMS NOTE: @ CAT D 800-2 1/2.</div> <div>18. TOUCHDOWN ZONE ELEVATION (TDZE) UPDATED FROM 573 TO 574.</div> <div>19. FAS DATA BLOCK INFORMATION UPDATED, CRC REMAINDER FROM 75436C92 TO BBB92C52.</div> <div>20. REMOVED BACKUP NOTES FROM 8260-3 AND PLACED ON BACK OF 8260-9 FOR CONTINGENCY NOTAMS.</div>					
REASONS:					
<div>QUALITY 10 CHECKED</div>					

**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	RW22
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	0
REFERENCE PATH DATA SELECTOR	W22A
REFERENCE PATH IDENTIFIER (APPROACH ID)	341916.9455N
LTP/FTP LATITUDE	0810611.4625W
LTP/FTP LONGITUDE	+01398
LTP/FTP ELLIPSOIDAL HEIGHT	341806.8500N
FPAP LATITUDE	0810718.0500W
FPAP LONGITUDE	00039.5
THRESHOLD CROSSING HEIGHT (TCH)	F
TCH UNITS SELECTOR (METERS OR FEET USED)	03.00
GLIDEPATH ANGLE (GPA)	106.75
COURSE WIDTH AT THRESHOLD	1152
LENGTH OFFSET	40.0
HORIZONTAL ALERT LIMIT (HAL)	50.0
VERTICAL ALERT LIMIT (VAL)	
 <u>CRC REMAINDER</u>	 BBB92C52

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K7
LTP ORTHOMETRIC HEIGHT	+01704
FPAP ORTHOMETRIC HEIGHT	+01704

CITY AND STATE

WINNSBORO, SC

ELEVATION: 578

TDZE: 574

AIRPORT NAME:

FAIRFIELD COUNTY

FACILITY
IDENTIFIER:
RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

RNAV (GPS) RWY 22, AMDT 2

SUP:

AMDT:

DATED:

 QUALITY
10
CHECKED

1B

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	
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		135/30 CW 315/30	KICKY	1. TOWER (45-000391)	345023.28N/0810106.00W	1289 (4D)	1000		2300		
				2. TERRAIN	343515.00N/0804318.00W	765 (800)		AS1500	2300		
STRAIGHT-IN AREA		315/30 CW 135/30	315/15 CW 135/15	TOWER (45-001930)	340658.43N/0804549.91W	2049 (5D)	1000		3100		
				4. TERRAIN	341112.00N/0812448.00W	788 (800)		AS1500	2300		
STRAIGHT-IN AREA		315/15 CW 135/15	KICKY	5. TOWER (45-001298)	341802.20N/0810237.50W	1041 (2C)	1000	PT259	2300		
				6. TERRAIN	343845.00N/0811130.00W	663 (700)		AS1500	2200		
INTERMEDIATE		KICKY (IF/IAF)	STUPE	7. TOWER (45-001333)	342355.92N/0810234.53W	793 (2C)	500		1300		
				8. TERRAIN	342403.00N/0810327.00W	502 (500)		AS1500	2000		
FINAL: LPV		STUPE	RW22				ASC		824/250		
FINAL: LNAV/VNAV		STUPE	RW22	9. TREE (45-046755)	341915.34N/0810535.08W	663 (1A)	23.44:1		824/250		
FINAL: LNAV		STUPE	RW22	10. AAO	342144.27N/0810333.64W	749 (2C)	250		1000		
2. HOLD-IN-LIEU-OF-PT		KICKY	P-5	11. TOWER (45-000964)	343222.00N/0810009.00W	938 (3C)	1000	AT362	2300		
				12. TERRAIN	343151.00N/0805718.00W	614 (600)		AS1500	2100		
3. MISSED APPROACH	MAP:	DA / DA / RW22	WIBSU				ASC		2300		
	ELEV:	622/663/900		13. AAO	341640.00N/0811004.00W	729 (2C)	1000		1800		
				14. TERRAIN	341636.00N/0811003.00W	509 (500)		AS1500	2000		
4. CIRCLING AREA	DISTANCE	HT. ABV. ARPT.									
CATEGORY A	1.3 NM	REQUIRED	350	ACTUAL	422	15. TREE	341844.90N/0810626.24W	680 (2C)	300	SI	1000
CATEGORY B	1.5 NM		450		462	16. TOWER (45-047154)	342027.73N/0810508.89W	710 (1A)	300	HAA	1040
CATEGORY C	1.7 NM		450		502	17. TOWER (45-002071)	342154.00N/0810532.00W	764 (2C)	300		1080
CATEGORY D	2.3 NM		550		782	5. 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		ELEVATION: 578		FACILITY		PROCEDURE AND AMENDMENT NO:		REGION			
WINNSBORO, SC		AIRPORT NAME: FAIRFIELD COUNTY		RNAV		RNAV (GPS) RWY 22, AMDT 2		ASO			

QUALITY
10
CHECKED
ASO

PART B - SUPPLEMENTAL DATA										PART C - REMARKS:																		
1. COMMUNICATIONS WITH:					2. WEATHER SERVICE					3. ALTIMETER SETTING					PRECIPITOUS TERRAIN EVALUATION COMPLETED.													
ZJX ARTCC CAE APP CON AND FSS							N W S		OTHER: AWOS-3					SOURCE:KFDW / KCAE					BACKUP ALTIMETER SETTING NOTES: NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE COLUMBIA METROPOLITAN ALTIMETER SETTING AND INCREASE ALL DA AND MDA 100 FEET AND INCREASE LPV 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. VDP AND BARO-VNAV NA WHEN USING COLUMBIA METROPOLITAN ALTIMETER SETTING.									
							F A A							DISTANCE: 0 / 22.62														
							A / C							HOURS REMOTE OPERATION: 0/YES / 24/YES														
SATISFACTORY ON:					LOCATION: KFDW					ADJUSTMENT: 0 / 100					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 SEE ATTACHED AIRSPACE LETTER. RASS PRESSURE PATTERNS SAME KFDW 577.0, KCAE 235.9 RA = 99.65. VGSI DATA: 3.00/39.5 LNAV/VNAV SLOPE: 23.44:1 LPV SLOPE: 34:1 100' VEGETATION USED PER FPT. CRITICAL TEMPERATURES: CRITICAL LOW: -16 (+4F) CRITICAL HIGH:+54 (+130F) ACT: -16C APT ISA: +13.86C 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. LOWER LNAV/VNAV STRAIGHT IN MINIMA APPROVED BY FPT. UNABLE LOWER ON THE LPV DUE TO HAT CANNOT BE LESS THAN 250 FOR NON-PRECISION MARKINGS PER AC150/5300-13A CHANGE 1													
X		V H F		X		U H F				H F																		
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:559.1															
			DISTANCE FROM RWY:										ELEV GP ANTENNA:															
													THRESHOLD CROSSING HEIGHT:39.5															
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																		

