

**MODIFICATIONS TO DESIGN STANDARDS**

1. SEPARATION BETWEEN RUNWAY 8/26 AND AIRCRAFT PARKING IS 200'. 250' IS REQUIRED.

REQUIREMENTS ARE FROM AC 150/5300-13, CHANGE 6, AIRPORT DESIGN, BASED ON A "B-II" APPROACH CATEGORY FOR RUNWAY 8/26

**NOTES**

- EXISTING RUNWAY END ELEVATIONS WERE SUPPLIED BY THE SOUTH CAROLINA DEPARTMENT OF COMMERCE, DIVISION OF AERONAUTICS, BASED ON FIELD SURVEYS PERFORMED FOR THEM BY AERO-DYNAMICS CORPORATION IN MARCH OF 1995. RUNWAY END COORDINATES SHOWN ARE BASED ON DATA ALSO PROVIDED BY THE DIVISION OF AERONAUTICS, PLANIMETRIC MAP FEATURES, CONTOURS, SPOT ELEVATIONS, TABLE DATA, RUNWAY BEARINGS, AND RUNWAY END ELEVATIONS SHOWN IN PLAN ARE BASED ON THIS DATA. THE HORIZONTAL DATUM IS NAD83(86) AND THE VERTICAL DATUM IS NAVD88.
- THE MAGNETIC DECLINATION SHOWN IS A MEAN VALUE PROVIDED BY THE NOAA NATIONAL GEOPHYSICAL DATA CENTER. DECLINATION VALUES MAY VARY FROM PLACE TO PLACE OR TIME TO TIME DUE TO LOCAL ATTRACTION OR OTHER NATURAL VARIATIONS.
- THERE ARE NO APPARENT OFZ OBJECT PENETRATIONS OR THRESHOLD SITING SURFACE OBJECT PENETRATIONS AT THIS TIME.
- WIND DATA AND WINDROSE WERE TAKEN FROM THE PREVIOUS ALP WITH NO MODIFICATIONS.

**LEGEND**

- AIRPORT PROPERTY LINE
- GROUND CONTOUR
- EXISTING RUNWAY PROTECTION ZONE LIMIT
- ULTIMATE RUNWAY PROTECTION ZONE LIMIT
- PROPOSED PAVEMENT (SHORT TERM)
- PROPOSED PAVEMENT (LONG TERM)
- STATE SECONDARY ROAD
- STATE PRIMARY HIGHWAY
- GOVERNMENT SURVEY CONTROL MONUMENT
- BUILDING NUMBER (SEE TABLE)
- BUILDING RESTRICTION LINE
- EXISTING RUNWAY SAFETY AREA
- FUTURE RUNWAY SAFETY AREA

AIRPORT DATA		
	EXISTING	ULTIMATE
AIRPORT ELEVATION	238.8'	238.8'
AIRPORT REFERENCE POINT COORDINATES	34°42'45.35" N 79°57'28.59" W	34°42'46.36" N 79°57'25.22" W
MEAN MAX. TEMP. OF HOTTEST MONTH	92° F	92° F
AIRPORT AND TERMINAL NAVIGATIONAL AIDS	BEACON, WIND CONE, SEGMENTED CIRCLE	SAME
AIRPORT REFERENCE CODE	B-II	B-II

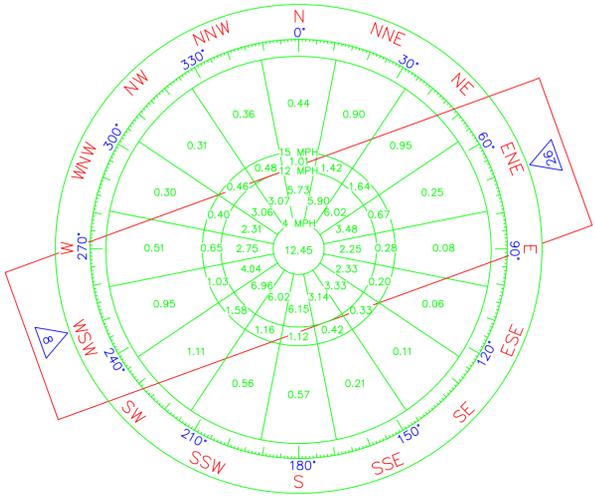
APPROACH DATA AND RPZ DIMENSIONS				
	RUNWAY 8		RUNWAY 26	
	EXISTING	ULTIMATE	EXISTING	ULTIMATE
RPZ INNER WIDTH	500'	500'	500'	500'
RPZ OUTER WIDTH	700'	700'	700'	700'
RPZ LENGTH	1000'	1000'	1000'	1000'
REQUIRED APPROACH SLOPE	20:1	20:1	20:1	20:1
RW APPROACH CATEGORY	VISUAL NLT 1 MILE		VISUAL NLT 1 MILE	
LANDING AIDS	NDB, PAPI GPS, VOR/DME		NDB, PAPI GPS, NDB	

RUNWAY 8/26 DATA				
	EXISTING	ULTIMATE		
RUNWAY LENGTH/WIDTH	5000' x 75'	5000' x 75'		
RUNWAY BEARING (TRUE)	N 70°04'52" E	N 70°04'52" E		
EFFECTIVE GRADIENT	1.02%	1.02%		
PAVEMENT STRENGTH	60,000 LBS.(D.G.)	60,000 LBS.(D.G.)		
AIRCRAFT APPROACH CATEGORY/ DESIGN GROUP	B-II	B-II		
OBJECT FREE AREA WIDTH LENGTH	500' 300' BEYOND THRESHOLD	500' 300' BEYOND THRESHOLD		
SAFETY AREA WIDTH LENGTH	150' 300' BEYOND THRESHOLD	150' 300' BEYOND THRESHOLD		
OBSTACLE FREE ZONE WIDTH LENGTH	250' 200' BEYOND THRESHOLD	250' 200' BEYOND THRESHOLD		
SEPARATIONS PARALLEL TAXIWAY AIRCRAFT PARKING	240' 200'	240' 200'		
RUNWAY LIGHTING	MIRL	MIRL		
RUNWAY PAVEMENT MARKING	BASIC	BASIC		
TAXIWAY LIGHTING	MITL	MITL		
% WIND COVERAGE	93.22%	93.22%		
PAVEMENT TYPE	ASPHALT	ASPHALT		
RUNWAY THRESHOLD COORDINATES	R/W 8	34°42'37.92" N 79°57'53.37" W	R/W 8	34°42'37.92" N 79°57'53.37" W
	R/W 26	34°42'54.78" N 79°56'57.06" W	R/W 26	34°42'54.78" N 79°56'57.06" W

**CONSTRUCTION NOTICE REQUIREMENT**

To protect operational safety and future development, all proposed construction on the airport must be coordinated by the airport owner with the FAA Airports District Office prior to construction. FAA's review takes approximately 60 days.

THE PREPARATION OF THIS DOCUMENT WAS FINANCED IN PART THROUGH A PLANNING GRANT FROM THE FEDERAL AVIATION ADMINISTRATION AS PROVIDED UNDER SECTION 505 OF THE AIRPORT AND AIRWAY IMPROVEMENT ACT OF 1982. THE CONTENTS DOES NOT NECESSARILY REFLECT THE OFFICIAL VIEWS OR POLICY OF THE FAA. ACCEPTANCE OF THIS REPORT BY THE FAA DOES NOT IN ANY WAY CONSTITUTE A COMMITMENT ON THE PART OF THE UNITED STATES TO PARTICIPATE IN ANY DEVELOPMENT DEPICTED THEREIN NOR DOES IT INDICATE THAT THE PROPOSED DEVELOPMENT IS ENVIRONMENTALLY ACCEPTABLE IN ACCORDANCE WITH APPROPRIATE PUBLIC LAWS.



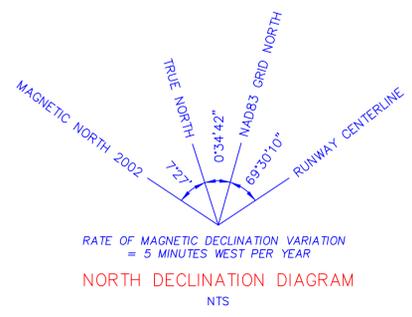
**VFR WIND ROSE**

**WIND COVERAGE**

WIND SPEED	12 MPH	10.5 KNOTS
RUNWAY 7	38.51	
RUNWAY 25	42.26	
CALMS	12.45	
TOTAL COVERED	93.22	
NOT COVERED	5.78	

WIND DATA PERIOD  
1/60 - 12/64

DATA OBTAINED FROM  
NATIONAL WEATHER  
RECORDS CENTER  
ASHEVILLE, N.C.  
FOR FLORENCE, S.C.



**2004**

NO.	ADDED PROPOSED AWOS REVISIONS	FDL BY	WRP APP.	5/6/04 DATE
1				

**TOWN OF CHERAW**  
CHERAW MUNICIPAL AIRPORT  
LYNCH BELLINGER FIELD  
CHERAW, SOUTH CAROLINA  
P.O. Box 219 • Cheraw, S.C. 29520 • (843) 537-8400 • FAX (843) 537-8407

**AIRPORT LAYOUT PLAN**

PEARSON Engineering  
WEST COLUMBIA, SOUTH CAROLINA

DATE: JAN. 2004 SCALE: 1" = 300' SHEET 2 OF 6