RUNWAY DATA

DESCRIPTION		RUNWAY 5 - 23		RUNWAY 9-27		RUNWAY 17-35	
		EXISTING	ULTIMATE	EXISTING	ULTIMATE	EXISTING	ULTIMATE
RUNWAY LENGTH & WIDTH		100' X 6,002'	100' X 6,002'	100' X 5,408'	CLOSED	100' X 5705'	100' X 5705'
EFFECTIVE GRADIENT		0.19%	0.19%	0.21%	N/A	0.16%	0.16%
PAVEMENT STRENGTH		75,000 LBS. DUAL GEAR	75,000 LBS. DUAL GEAR	17,000 LBS SINGLE GEAR	N/A	17,500 LBS. SINGLE GEAR	17,500 LBS. SINGLE GEAR
AIRCRAFT APPROACH CATEGORY/ DESIGN GROUP		C-II	C-II	B-II	N/A	B-II	B-II
OBJECT FREE AREA	WIDTH	800'	800'	500'	N/A	500'	500'
	LENGTH	1,000' BEYOND THRESHOLD	1,000' BEYOND THRESHOLD	300' BEYOND THRESHOLD	N/A	300' BEYOND THRESHOLD	300' BEYOND THRESHOLD
RUNWAY SAFETY AREA	WIDTH	400'	400'	150'	N/A	150'	150'
	LENGTH	1,000' BEYOND THRESHOLD	1,000' BEYOND THRESHOLD	300' BEYOND THRESHOLD	N/A	300' BEYOND THRESHOLD	300' BEYOND THRESHOLD
RUNWAY LIGHTING		MIRL	MIRL	NONE	N/A	NONE	NONE
TAXIWAY LIGHTING		MITL	MITL	NONE	N/A	NONE	NONE
% WIND COVERAGE 12 MPH		95.50%	95.50%	95.20%	N/A	94.20%	94.20%
% WIND COVERAGE 15 MPH		98.80%	98.80%	99.20%	N/A	99.30%	99.30%
RUNWAY MARKING TYPE		RUNWAY 5 - NON-PRECISION RUNWAY 23 - PRECISION	RUNWAY 5 - NON-PRECISION RUNWAY 23 - PRECISION	BASIC	N/A	NON-PRECISION	NON-PRECISION
PAVEMENT TYPE		ASPHALT	ASPHALT	ASPHALT	N/A	ASPHALT	ASPHALT
NAD 83 RUNWAY COORDINATES	LATITUDE	N 32° 54' 56.60"	N 32° 54' 56.60"	N 32° 55' 14.73"	N/A	N 32° 55' 40.78"	N 32° 55' 40.78"
	LONGITUDE	R/W 5 W 80° 38' 43.24"	R/W 5 W 80° 38' 43.24"	R/W 9 W 80° 38' 57.96"	R/W 9 N/A	R/W 17 W 80° 38' 42.18"	R/W 17 W 80° 38' 42.18"
	TRUE BEARING	N 44° 03' 24.85" E	N 44° 03' 24.85" E	N 88° 34' 18.56" E	N/A	S 14° 23' 26.90" E	S 14° 23' 26.90" E
	LATITUDE	N 32° 55' 39.28"	N 32° 55' 39.28"	N 32° 55' 16.06"	N/A	N 32° 54' 46.10"	N 32° 54' 46.10"
	LONGITUDE	R/W 23 W 80° 37' 54.24"	R/W 23 W 80° 37' 54.24"	R/W 27 W 80° 37' 54.53"	R/W 27 N/A	R/W 35 W 80° 38' 25.55"	R/W 35 W 80° 38' 25.55"
	TRUE BEARING	S 44° 03' 51.46" W	S 44° 03' 51.46" W	S 88° 34' 53.03" W	N/A	S 14° 23' 17.86" W	S 14° 23' 17.86" W

AIRPORT DATA

	EXISTING	ULTIMATE
AIRPORT ELEVATION	100.9'	100.9
AIRPORT REFERENCE POINT COORDINATES (ARP)	N 32° 55' 13.21" W 80° 38' 28.71"	N 32° 55' '2.16" W 60° 38' 29.74"
MEAN MAX. TEMP. OF HOTTEST MONTH	92°	92°
AIRPORT AND TERMINAL NAVIGATIONAL AIDS	NDB, AIRPORT BEACON, TETRAHEDRON	AIRPORT BEACON, WINDSOCK W/ SEGMENTED CIRCLE, TETRAHEDRON
AIRPORT REFERENCE CODE	C-II	C-II

RUNWAY APPROACH DATA

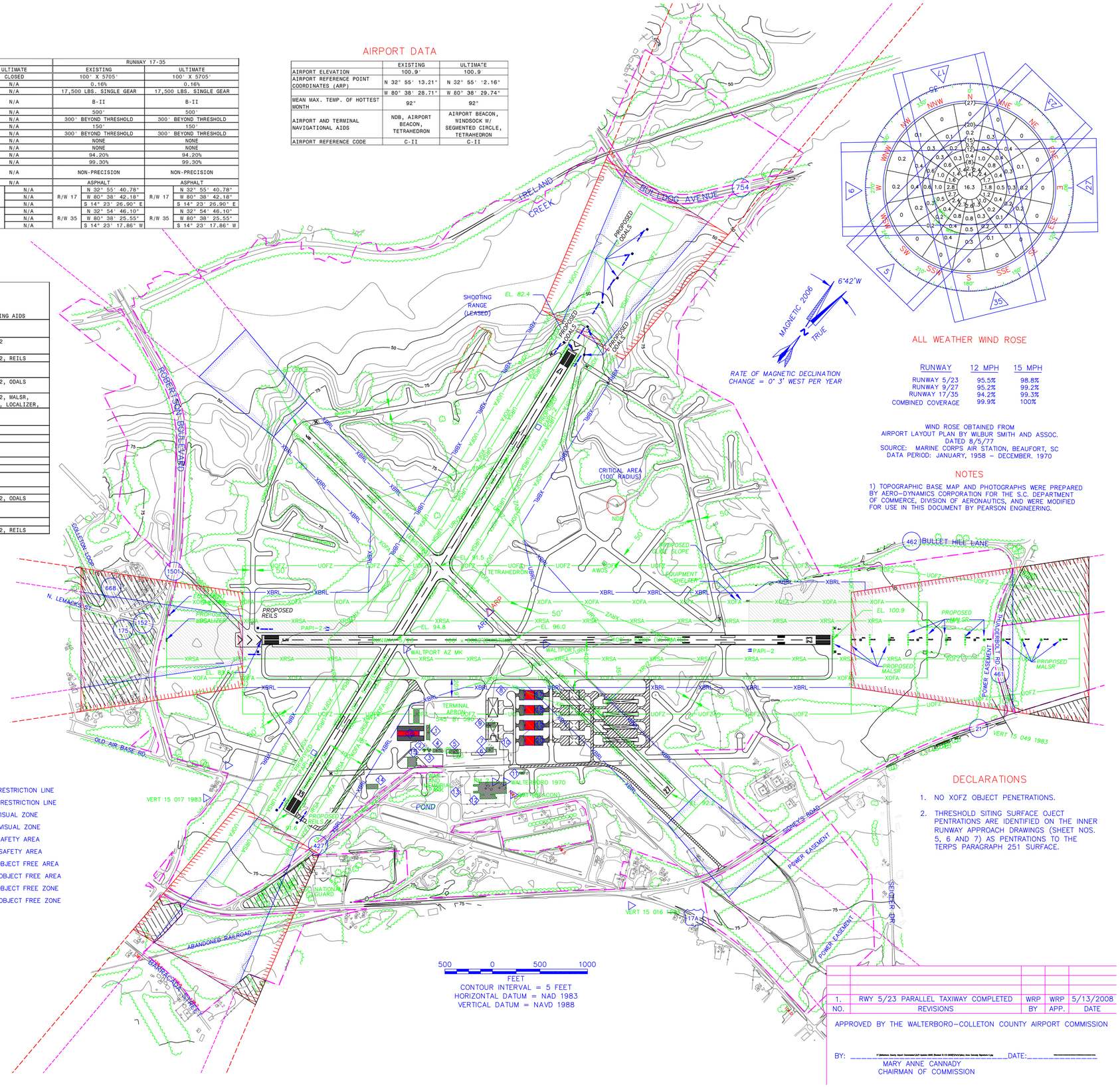
	Approach Category (AC)	FAR PART 77 APPROACH SLOPE	Approach Minimums	RUNWAY END ELEVATION	TOUCHDOWN ZONE ELEVATION	RUNWAY PROTECTION ZONE DIMENSIONS INNER WIDTH	OUTER WIDTH	LENGTH	LANDING AIDS
Runway 5									
EXISTING	C	34:1	GPS, 1-MI, AC A & B GPS, 1-1/4-MI, AC C	89.4'	96.4'	500'	1,010'	1,700'	MIRL, PAPI-2
ULTIMATE	C	34:1	GPS, >3/4-MI, AC C	89.4'	96.4'	1,000'	1,510'	1,700'	MIRL, PAPI-2, REILS
RUNWAY 23									
EXISTING	C	34:1	NDB & GPS, 3/4-MI, AC A & B NDB & GPS, 1-1/4-MI, AC C	100.9'	100.9'	1,000'	1,510'	1,700'	MIRL, PAPI-2, ODALS
ULTIMATE	C	50:1	CAT I	100.9'	100.9'	1,000'	1,750'	2,500'	MIRL, PAPI-2, MALSR, GLIDE SLOPE, LOCALIZER,
RUNWAY 9									
EXISTING	B	20:1	VISUAL, DAYLIGHT ONLY	80.9'	95.7'	500'	700'	1,000'	NONE
ULTIMATE	CLOSED	CLOSED	CLOSED	CLOSED	CLOSED	CLOSED	CLOSED	CLOSED	CLOSED
RUNWAY 27									
EXISTING	B	CLOSED	VISUAL, DAYLIGHT ONLY	92.2'	96.0'	500'	700'	1,000'	NONE
ULTIMATE	CLOSED	CLOSED	CLOSED	CLOSED	CLOSED	CLOSED	CLOSED	CLOSED	CLOSED
RUNWAY 17									
EXISTING	B	34:1	GPS, 1-MI, DAYLIGHT ONLY	82.3'	92.5'	500'	1,010'	1,700'	NONE
ULTIMATE	C	34:1	GPS, 3/4 MI, AC C	82.3'	92.5'	1,000'	1,510'	1,700'	MIRL, PAPI-2, ODALS
RUNWAY 35									
EXISTING	B	34:1	GPS, 1-MI, DAYLIGHT ONLY	91.6'	95.2'	500'	1,010'	1,700'	NONE
ULTIMATE	C	34:1	GPS, >3/4 MI, AC C	91.6'	95.2'	1,000'	1,510'	1,700'	MIRL, PAPI-2, REILS

BUILDING TABLE

BLDG. NO.	DESCRIPTION	TOP ELEVATION
1	EXISTING HANGAR	113.9'
2	EXISTING T-HANGAR	104.8'
3	EXISTING T-HANGAR	105.0'±
4	EXISTING HANGAR	109.9'
5	EXISTING TERMINAL BUILDING	112.2'
6	EXISTING HANGAR	112.4'
7	FUEL TANKS	N/A
8	EXISTING ELECTRICAL VAULT	UNKNOWN
9	EXISTING HANGAR	112.7'
10	ABANDONED ELECTRIC VAULT	102.0'±
11	EXISTING RESIDENCE (MOBILE HOME)	97.6'
12	DAYCO MFG. COMPANY	121.0'
13	TRAILERS	102.9'
14	EXISTING HANGAR	116.0'±
15	EXISTING HANGAR	92.5'±
16	FUTURE T-HANGAR	
17	FUTURE HANGAR	
18	FUTURE HANGAR	
19	FUTURE HANGAR	
20	FUTURE HANGAR	

LEGEND

- AIRPORT PROPERTY LINE
- GROUND CONTOUR (5 FOOT INTERVAL)
- EXISTING BUILDING
- PROPOSED BUILDING (SHORT TERM DEVELOPMENT)
- ULTIMATE BUILDING (LONG TERM DEVELOPMENT)
- PROPOSED PAVEMENT (SHORT TERM DEVELOPMENT)
- ULTIMATE PAVEMENT (LONG TERM DEVELOPMENT)
- PORT 2 EXISTING SURVEY MONUMENTS
- 754 COUNTY ROAD
- 17A STATE HIGHWAY
- ARP EXISTING AIRPORT REFERENCE POINT
- ARP ULTIMATE AIRPORT REFERENCE POINT
- EXISTING RPZ
- ULTIMATE RPZ
- EXISTING FAR PART 77 APPROACH
- ULTIMATE FAR PART 77 APPROACH
- PROPOSED LOCALIZER AND GLIDESCOPE CRITICAL AREA
- PROPERTY OR EASEMENT ACQUISITION REQUIRED
- XBRL EXISTING BUILDING RESTRICTION LINE
- UBRL ULTIMATE BUILDING RESTRICTION LINE
- XRVZ EXISTING RUNWAY VISUAL ZONE
- URVZ ULTIMATE RUNWAY VISUAL ZONE
- XRSA EXISTING RUNWAY SAFETY AREA
- URSA ULTIMATE RUNWAY SAFETY AREA
- XOFA EXISTING RUNWAY OBJECT FREE AREA
- UOFA ULTIMATE RUNWAY OBJECT FREE AREA
- XOFZ EXISTING RUNWAY OBJECT FREE ZONE
- UOFZ ULTIMATE RUNWAY OBJECT FREE ZONE



ALL WEATHER WIND ROSE

RUNWAY	12 MPH	15 MPH
RUNWAY 5/23	95.5%	98.8%
RUNWAY 9/27	95.2%	99.2%
RUNWAY 17/35	94.2%	99.3%
COMBINED COVERAGE	99.9%	100%

WIND ROSE OBTAINED FROM
AIRPORT LAYOUT PLAN BY WILBUR SMITH AND ASSOC.
DATED 8/5/77
SOURCE: MARINE CORPS AIR STATION, BEAUFORT, SC
DATA PERIOD: JANUARY, 1958 – DECEMBER. 1970

NOTES

1) TOPOGRAPHIC BASE MAP AND PHOTOGRAPHS WERE PREPARED BY AERO-DYNAMICS CORPORATION FOR THE S.C. DEPARTMENT OF COMMERCE, DIVISION OF AERONAUTICS, AND WERE MODIFIED FOR USE IN THIS DOCUMENT BY PEARSON ENGINEERING.

DECLARATIONS

1. NO XOFZ OBJECT PENETRATIONS.
2. THRESHOLD SITING SURFACE OJECT PENTRATIONS ARE IDENTIFIED ON THE INNER RUNWAY APPROACH DRAWINGS (SHEET NOS. 5, 6 AND 7) AS PENTRATIONS TO THE TERPS PARAGRAPH 251 SURFACE.

AIRPORT LAYOUT PLAN

NO.	REVISIONS	BY	APP.	DATE
1.	RWY 5/23 PARALLEL TAXIWAY COMPLETED	WRP	WRP	5/13/2008

1" = 500'

APPROVED BY THE WALTERBORO-COLLETON COUNTY AIRPORT COMMISSION

BY: _____ DATE: _____

MARY ANNE CANNADY
CHAIRMAN OF COMMISSION

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