

ALL WEATHER WIND ROSE

WIND COVERAGE  
R/W 5/23  
12 MPH 92.0%

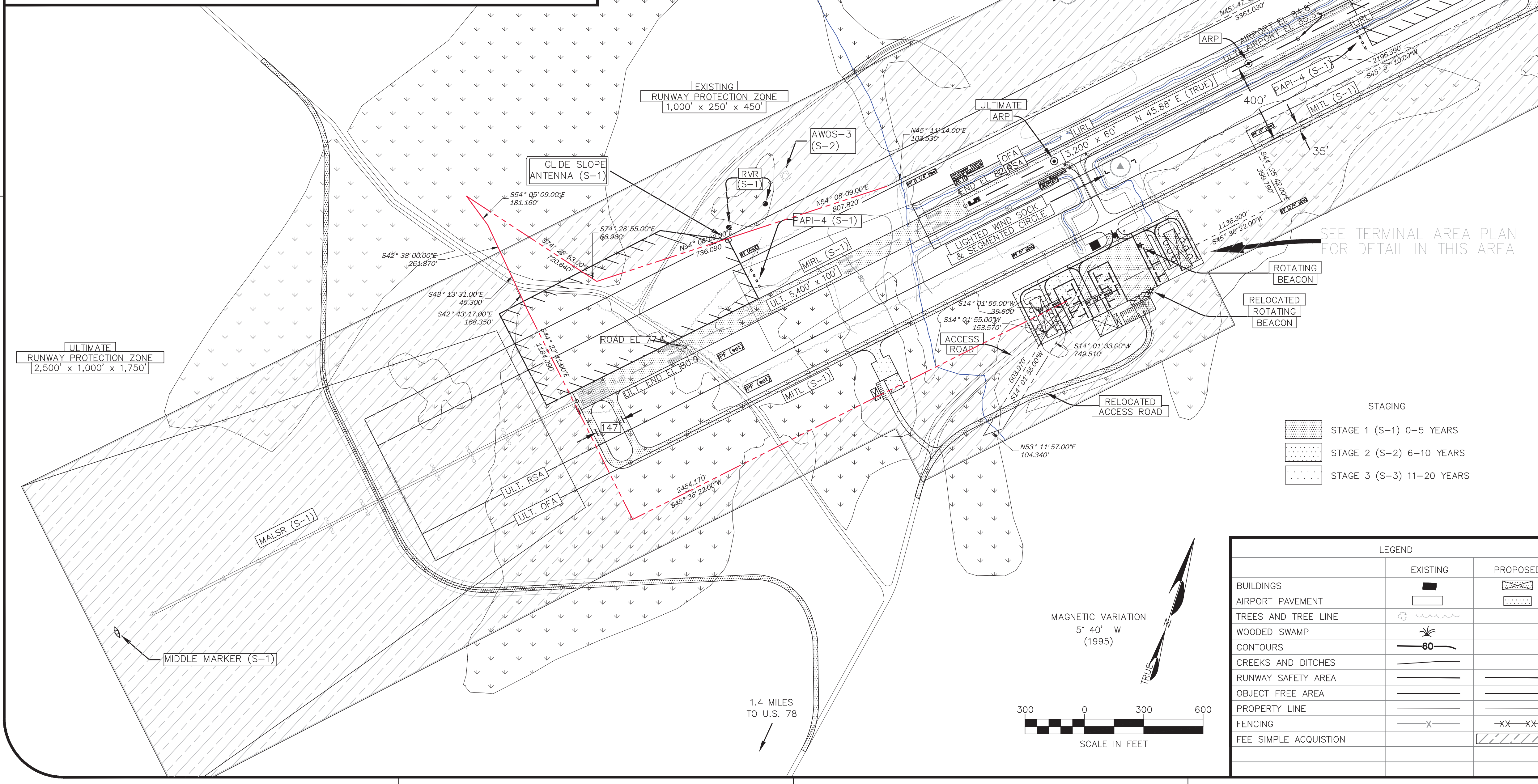
SOURCE: N.O.A.A. - CHARLESTON, S.C.

OBSERVATIONS MADE OVER THE PERIOD  
1965 - 1974

**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.

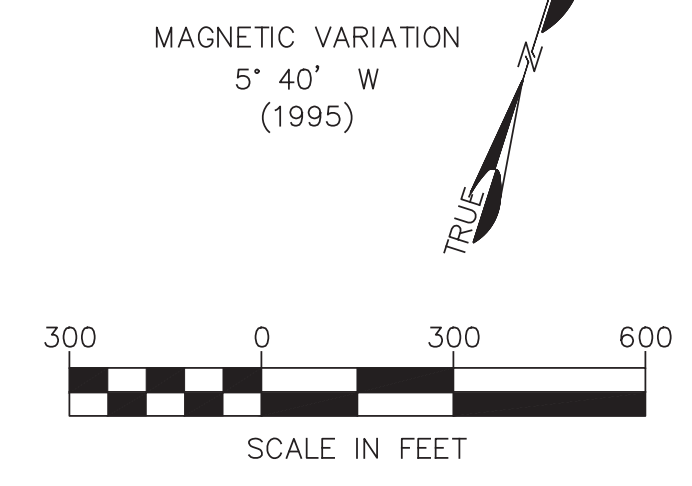
- NOTES
- ALL TREE, BUILDING, AND CONTOUR ELEVATIONS ARE BASED ON TOPOGRAPHIC MAPPING, DATED JULY 19, 1985.
  - PROPOSED SECURITY FENCING TO FOLLOW PROPOSED PROPERTY LINE EXCEPT WHERE NOTED OTHERWISE.
  - TOP ELEVATION OF HANGARS PLANNED TO BE 16 TO 18 FEET AGL.
  - COORDINATES SHOWN HEREON ARE NAD83.



AIRPORT DATA		
DESCRIPTION	EXISTING	ULTIMATE
AIRPORT ELEVATION	84.8' MSL	85.3' MSL
AIRPORT REFERENCE POINT	LAT. 33° 11' 43.79"	33° 11' 37.62"
	LONG. 80° 30' 30.55"	80° 30' 38.15"
MAX. MEAN TEMP. OF HOTTEST MONTH	91.3°	SAME
RUNWAY 5	LAT. 33° 11' 32.82"	33° 11' 17.65"
	LONG. 80° 30' 44.04"	80° 31' 2.65"
RUNWAY 23	LAT. 33° 11' 54.85"	SAME
	LONG. 80° 30' 17.01"	SAME

RUNWAY DATA		
5/23		
DESCRIPTION	EXISTING	ULTIMATE
RUNWAY LENGTH	3,200'	5,400'
RUNWAY WIDTH	60'	100'
PAVEMENT TYPE	ASPH	ASPH/CONC
PAVEMENT STRENGTH (THOUSANDS)	S-21, D-30	D-75
EFFECTIVE GRADIENT	0.003%	0.052%
APPROACH SLOPE	ACTUAL 12.3:1/21.4:1	-
	REQUIRED 20:1/20:1	50:1/34:1
RUNWAY MARKINGS	VISUAL	PREC.
RUNWAY LIGHTING	LIRL	MIRL
TAXIWAY LIGHTING	N/A	MITL
NAVIGATIONAL AIDS	LIGHTED WIND SOCK & SEGMENTED CIRCLE, ROTATING BEACON	LIGHTED WIND SOCK & SEGMENTED CIRCLE, ROTATING BEACON, GPS
AIRPORT REFERENCE CODE	A-I	D-II
RUNWAY SAFETY AREA WIDTH	120'	500'
RUNWAY SAFETY AREA LENGTH	240'	1000'
RUNWAY OBJECT FREE AREA WIDTH	250'	800'
RUNWAY OBJECT FREE AREA LENGTH	240'	1000'
TAKEOFF RUN AVAILABLE (TORA)	3,200'	5,400'
TAKEOFF DISTANCE AVAILABLE (TODA)	3,200'	5,400'
ACCELERATE-STOP DISTANCE AVAILABLE (ASDA)	3,200'	5,400'
LANDING DISTANCE AVAILABLE (LDA)	3,200'	5,400'

LEGEND	
EXISTING	PROPOSED
BUILDINGS	[Symbol]
AIRPORT PAVEMENT	[Symbol]
TREES AND TREE LINE	[Symbol]
WOODED SWAMP	[Symbol]
CONTOURS	[Symbol]
CREEKS AND DITCHES	[Symbol]
RUNWAY SAFETY AREA	[Symbol]
OBJECT FREE AREA	[Symbol]
PROPERTY LINE	[Symbol]
FENCING	[Symbol]
FEE SIMPLE ACQUISITION	[Symbol]



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ST. GEORGE AIRPORT  
ST. GEORGE, SOUTH CAROLINA  
AIRPORT LAYOUT PLAN UPDATE STUDY

**AIRPORT LAYOUT PLAN**

DESIGN	TGM	DRAWN	TGM	CHECK	PROJECT NO.	SPONSOR APPROVAL	DATE
1	12/6/19	RUNWAY 5	ULTIMATE END POINT ADJUSTMENT		CP010031	COLIN L. MARTIN COUNTY ADMINISTRATOR	JULY 31, 2001
2	6/14/21	PROPERTY LINE	UPDATE			DORCHESTER COUNTY AERONAUTICS BOARD	
REVISION	DATE	DESCRIPTION		BY	DATE:		DRAWING NO.