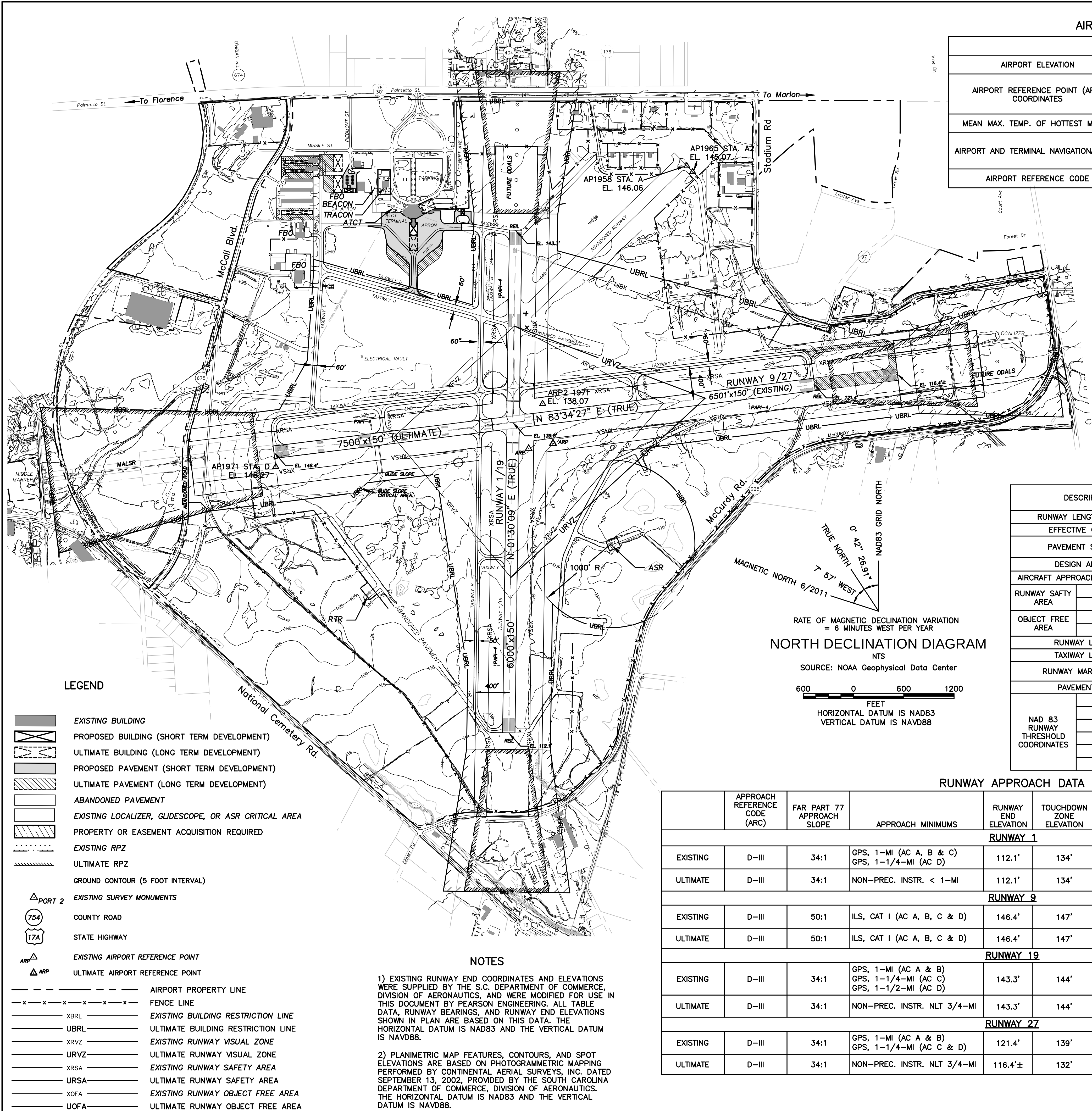


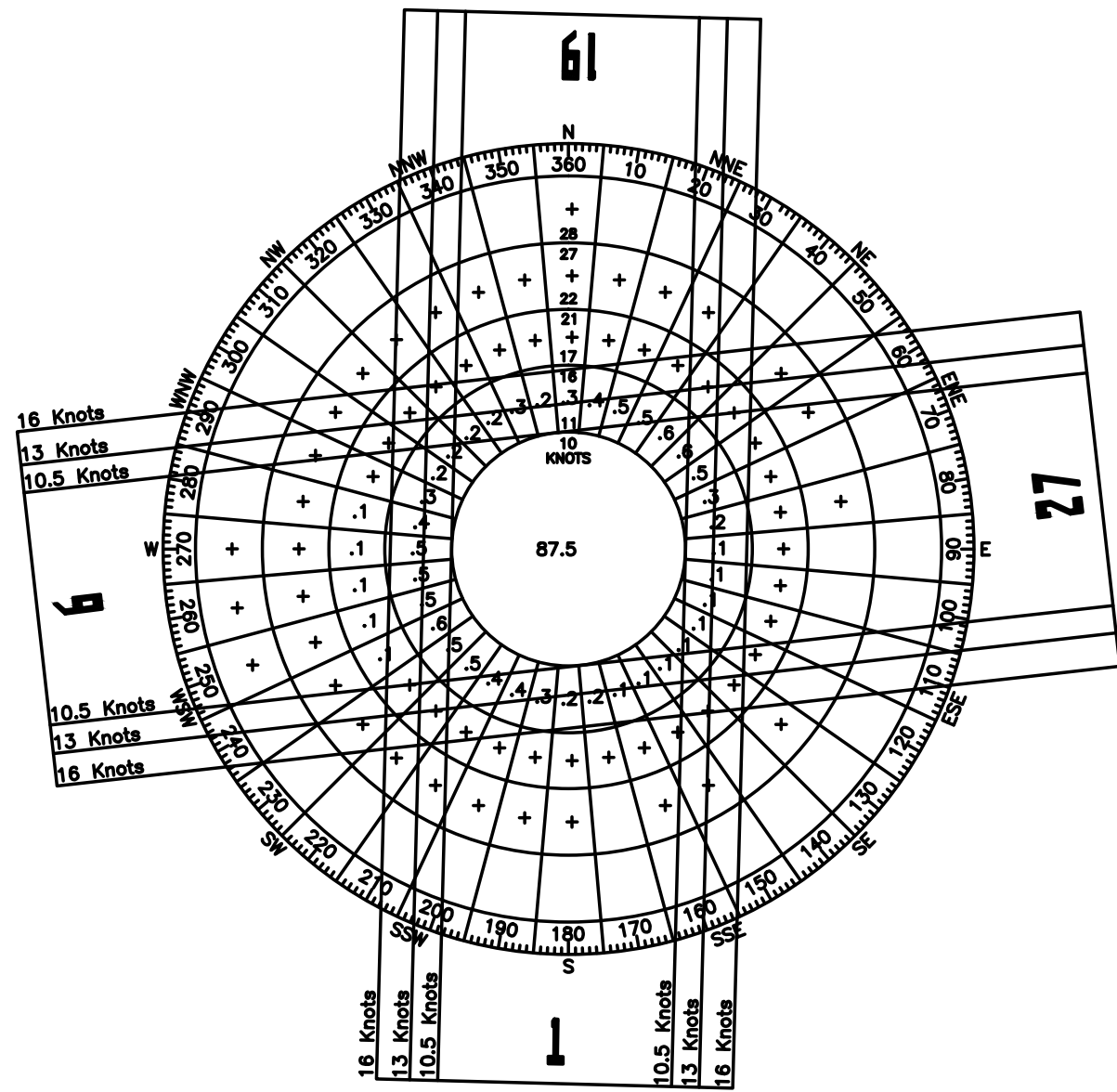


AIRPORT DATA

|                                           | EXISTING                             | ULTIMATE                             |
|-------------------------------------------|--------------------------------------|--------------------------------------|
| AIRPORT ELEVATION                         | 146.4'                               | 146.4'                               |
| AIRPORT REFERENCE POINT (ARP) COORDINATES | 34° 11' 07.31" N<br>79° 43' 25.98" W | 34° 11' 07.88" N<br>79° 43' 22.53" W |
| MEAN MAX. TEMP. OF HOTTEST MONTH          | 90° F                                | 90° F                                |
| AIRPORT AND TERMINAL NAVIGATIONAL AIDS    | ASR, GLIDE SLOPE, LOCALIZER, MALSR   | SAME.                                |
| AIRPORT REFERENCE CODE                    | D-III                                | D-III                                |

FAA DISCLAIMER

THE CONTENTS DO NOT NECESSARILY REFLECT THE OFFICIAL VIEWS OR POLICIES OF THE FAA. THE ACCEPTANCE OF THIS PLAN BY THE FAA DOES NOT IN ANY WAY CONSTITUTE A COMMITMENT ON THE PART OF THE UNITED STATES TO PARTICIPATE IN ANY DEVELOPMENT DEPICTED HEREIN NOR DOES IT INDICATE THAT THE PROPOSED DEVELOPMENT IS ENVIRONMENTALLY ACCEPTABLE IN ACCORDANCE WITH APPROPRIATE PUBLIC LAWS.



ALL WEATHER WIND ROSE  
(CEILING = ALL AND VISIBILITY = ALL)

|             | PERCENT COVERAGE WITH CROSSWIND COMPONENT |          |          |
|-------------|-------------------------------------------|----------|----------|
|             | 10.5 KNOTS                                | 13 KNOTS | 16 KNOTS |
| RUNWAY 1/19 | 94.43%                                    | 97.18%   | 99.34%   |
| RUNWAY 9/27 | 95.32%                                    | 97.73%   | 99.58%   |
| COMBINED    | 99.59%                                    | 99.52%   | 99.99%   |

DATA SOURCE: NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION  
NATIONAL CLIMATIC DATA CENTER

DATA RECORD PERIOD: 2000 - 2009

RUNWAY DATA

| DESCRIPTION                         | RUNWAY 1-19                                        |                                                    | RUNWAY 9-27                                        |                                               |
|-------------------------------------|----------------------------------------------------|----------------------------------------------------|----------------------------------------------------|-----------------------------------------------|
|                                     | EXISTING                                           | ULTIMATE                                           | EXISTING                                           | ULTIMATE                                      |
| RUNWAY LENGTH & WIDTH               | 5,999.5' X 150'                                    | 5,995.5' X 150'                                    | 6501.5' X 150'                                     | 7,500' X 150'                                 |
| EFFECTIVE GRADIENT                  | 0.52%                                              | 0.52%                                              | 0.38%                                              | 0.40%±                                        |
| PAVEMENT STRENGTH                   | 150,000 LBS. DUAL GEAR<br>250,000 LBS. DUAL TANDEM | 150,000 LBS. DUAL GEAR<br>250,000 LBS. DUAL TANDEM | 150,000 LBS. DUAL GEAR<br>250,000 LBS. DUAL TANDEM | 210,000 DUAL GEAR<br>350,000 LBS. DUAL TANDEM |
| DESIGN AIRCRAFT                     | B-737                                              | B-737                                              | B-737                                              | B-737                                         |
| AIRCRAFT APPROACH/DESIGN GROUP      | C-III                                              | C-III                                              | C-III                                              | C-III                                         |
| RUNWAY SAFETY AREA                  | WIDTH                                              | 500'                                               | 500'                                               | 500'                                          |
|                                     | LENGTH                                             | 1,000' BEYOND THRESHOLD                            | 1,000' BEYOND THRESHOLD                            | 1,000' BEYOND THRESHOLD                       |
| OBJECT FREE AREA                    | WIDTH                                              | 800'                                               | 800'                                               | 800'                                          |
|                                     | LENGTH                                             | 1,000' BEYOND THRESHOLD                            | 1,000' BEYOND THRESHOLD                            | 1,000' BEYOND THRESHOLD                       |
| RUNWAY LIGHTING                     | MIRL                                               | MIRL                                               | HIRL                                               | HIRL                                          |
| TAXIWAY LIGHTING                    | MITL                                               | MITL                                               | MITL                                               | MITL                                          |
| RUNWAY MARKING TYPE                 | NON-PRECISION                                      | NON-PRECISION                                      | RUNWAY-9 PRECISION<br>RUNWAY-27 NON-PRECISION      | RUNWAY-9 PRECISION<br>RUNWAY-27 NON-PRECISION |
| PAVEMENT TYPE                       | ASPHALT                                            |                                                    | ASPHALT                                            |                                               |
|                                     | LATITUDE                                           |                                                    | LATITUDE                                           |                                               |
|                                     | LONGITUDE                                          |                                                    | LONGITUDE                                          |                                               |
|                                     | TRUE BEARING                                       |                                                    | TRUE BEARING                                       |                                               |
|                                     | LATITUDE                                           |                                                    | LATITUDE                                           |                                               |
|                                     | LONGITUDE                                          |                                                    | LONGITUDE                                          |                                               |
| NAD 83 RUNWAY THRESHOLD COORDINATES | R/W 1                                              |                                                    | R/W 9                                              |                                               |
|                                     | 34° 10' 33.79" N                                   |                                                    | 34° 11' 07.25" N                                   |                                               |
|                                     | 79° 43' 29.33" W                                   |                                                    | 79° 44' 02.20" W                                   |                                               |
|                                     | N 1° 29' 29.3" E                                   |                                                    | N 83° 32' 40.1" E                                  |                                               |
|                                     | 34° 11' 33.12" N                                   |                                                    | 34° 11' 14.47" N                                   |                                               |
|                                     | 79° 43' 27.47" W                                   |                                                    | 79° 42' 45.30" W                                   |                                               |
| NAD 83 RUNWAY THRESHOLD COORDINATES | R/W 19                                             |                                                    | R/W 27                                             |                                               |
|                                     | 34° 10' 33.79" N                                   |                                                    | 34° 11' 07.25" N                                   |                                               |
|                                     | 79° 43' 29.33" W                                   |                                                    | 79° 44' 02.20" W                                   |                                               |
|                                     | N 1° 29' 29.3" E                                   |                                                    | N 83° 32' 40.1" E                                  |                                               |
|                                     | 34° 11' 33.12" N                                   |                                                    | 34° 11' 14.47" N                                   |                                               |
|                                     | 79° 43' 27.47" W                                   |                                                    | 79° 42' 45.30" W                                   |                                               |

NORTH DECLINATION DIAGRAM

RATE OF MAGNETIC DECLINATION VARIATION  
= 6 MINUTES WEST PER YEAR

SOURCE: NOAA Geophysical Data Center

600 0 600 1200

FEET

HORIZONTAL DATUM IS NAD83

VERTICAL DATUM IS NAVD88

RUNWAY APPROACH DATA

|           | APPROACH<br>REFERENCE<br>CODE<br>(ARC) | FAR PART 77<br>APPROACH<br>SLOPE | APPROACH MINIMUMS                                                    | RUNWAY<br>END<br>ELEVATION | TOUCHDOWN<br>ZONE<br>ELEVATION | RUNWAY PROTECTION ZONE (RPZ) DIMENSIONS |             |        | LANDING AIDS                         |
|-----------|----------------------------------------|----------------------------------|----------------------------------------------------------------------|----------------------------|--------------------------------|-----------------------------------------|-------------|--------|--------------------------------------|
|           |                                        |                                  |                                                                      |                            |                                | INNER WIDTH                             | OUTER WIDTH | LENGTH |                                      |
| RUNWAY 1  |                                        |                                  |                                                                      |                            |                                |                                         |             |        |                                      |
| EXISTING  | D-III                                  | 34:1                             | GPS, 1-MI (AC A, B & C)<br>GPS, 1-1/4-MI (AC D)                      | 112.1'                     | 134'                           | 500'                                    | 1,010'      | 1,700' | MIRL, PAPI-4,<br>REILS               |
| ULTIMATE  | D-III                                  | 34:1                             | NON-PREC. INSTR. < 1-MI                                              | 112.1'                     | 134'                           | 1,000'                                  | 1,510'      | 1,700' | MIRL, PAPI-4,<br>REILS               |
| RUNWAY 9  |                                        |                                  |                                                                      |                            |                                |                                         |             |        |                                      |
| EXISTING  | D-III                                  | 50:1                             | ILS, CAT I (AC A, B, C & D)                                          | 146.4'                     | 147'                           | 1,000'                                  | 1,750'      | 2,500' | HIRL, ILS SYSTEM,<br>MALSR-R, PAPI-4 |
| ULTIMATE  | D-III                                  | 50:1                             | ILS, CAT I (AC A, B, C & D)                                          | 146.4'                     | 147'                           | 1,000'                                  | 1,750'      | 2,500' | HIRL, ILS SYSTEM,<br>MALSR-R, PAPI-4 |
| RUNWAY 19 |                                        |                                  |                                                                      |                            |                                |                                         |             |        |                                      |
| EXISTING  | D-III                                  | 34:1                             | GPS, 1-MI (AC A & B)<br>GPS, 1-1/4-MI (AC C)<br>GPS, 1-1/2-MI (AC D) | 143.3'                     | 144'                           | 500'                                    | 1,010'      | 1,700' | MIRL, PAPI-4,<br>REILS               |
| ULTIMATE  | D-III                                  | 34:1                             | NON-PREC. INSTR. NLT 3/4-MI                                          | 143.3'                     | 144'                           | 1,000'                                  | 1,510'      | 1,700' | MIRL, PAPI-4,<br>REILS, ODALS        |
| RUNWAY 27 |                                        |                                  |                                                                      |                            |                                |                                         |             |        |                                      |
| EXISTING  | D-III                                  | 34:1                             | GPS, 1-MI (AC A & B)<br>GPS, 1-1/4-MI (AC C & D)                     | 121.4'                     | 139'                           | 500'                                    | 1,010'      | 1,700' | HIRL, PAPI-4,<br>REILS               |
| ULTIMATE  | D-III                                  | 34:1                             | NON-PREC. INSTR. NLT 3/4-MI                                          | 116.4'±                    | 132'                           | 1,000'                                  | 1,510'      | 1,700' | HIRL, PAPI-4,<br>REILS, ODALS        |

APPROVED BY THE PEE DEE REGIONAL AIRPORT DISTRICT

BY: *Charles M. Henderson*  
CHARLES M. HENDERSON  
EXECUTIVE DIRECTOR

DATE: 8/12/2013

NO.

REVISIONS

BY

APP.

DATE

**PEE DEE REGIONAL AIRPORT DISTRICT**  
**FLORENCE REGIONAL AIRPORT**  
Florence, South Carolina  
**Airport Layout Plan**

**PEARSON**  
ENGINEERING  
Post Office Box 1354, Irmo, South Carolina 29063-1354

DATE: 02/03/2009

SCALE: 1" = 600'

SHEET 2 OF 12