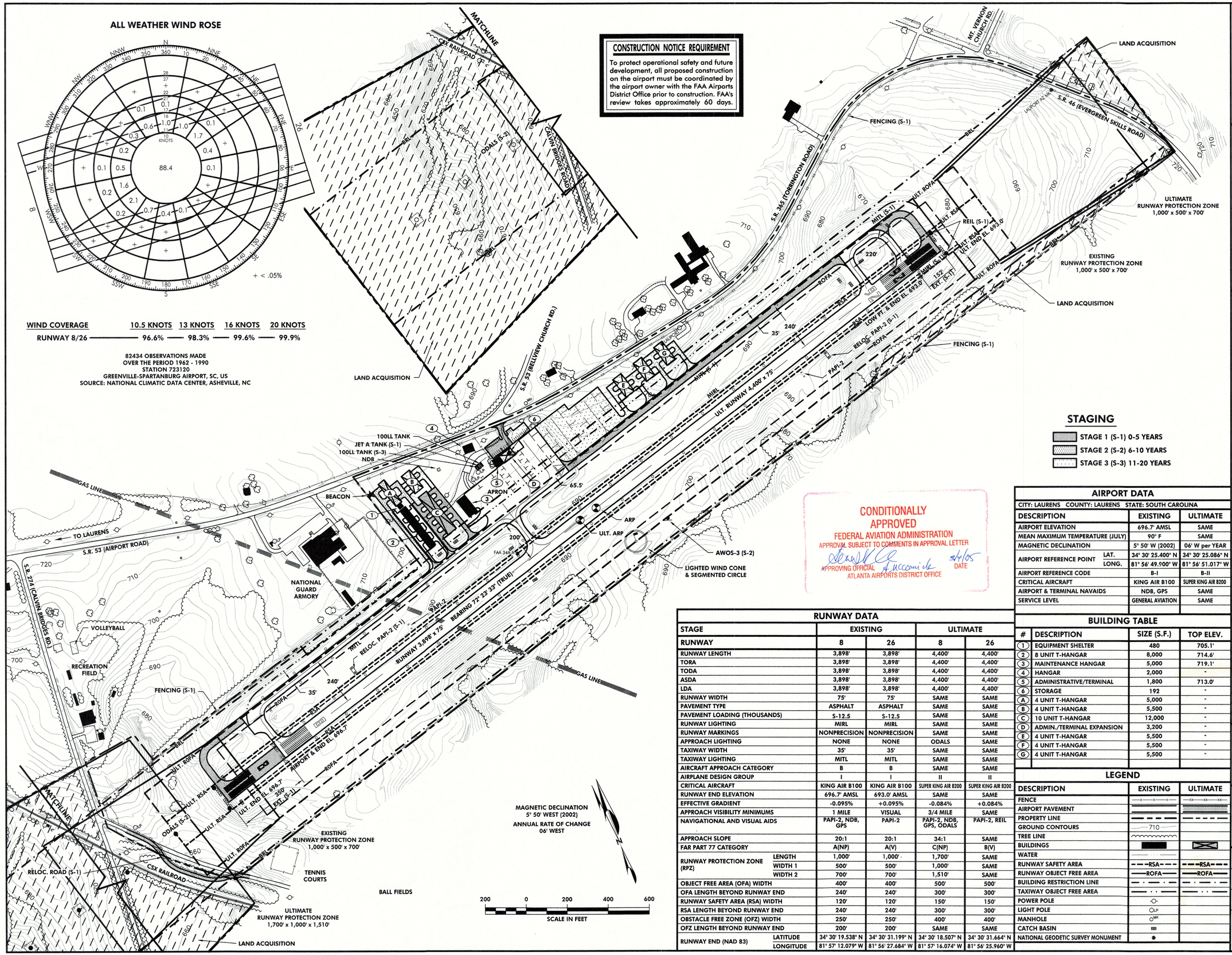


| WIND COVERAGE | 10.5 KNOTS | 13 KNOTS | 16 KNOTS | 20 KNOTS |
|---|---|---|---|---|
| RUNWAY 8/26 | 96.6% | 98.3% | 99.6% | 99.9% |

82434 OBSERVATIONS MADE
OVER THE PERIOD 1962 - 1990
STATION 723120
GREENVILLE-SPARTANBURG AIRPORT, SC, US
SOURCE: NATIONAL CLIMATIC DATA CENTER, ASHEVILLE, NC

## RUNWAY DATA

| STAGE | | EXISTING | | ULTIMATE | |
|---|---|---|---|---|---|
| RUNWAY | | 8 | 26 | 8 | 26 |
| RUNWAY LENGTH | | 3,898' | 3,898' | 4,400' | 4,400' |
| TORA | | 3,898' | 3,898' | 4,400' | 4,400' |
| TODA | | 3,898' | 3,898' | 4,400' | 4,400' |
| ASDA | | 3,898' | 3,898' | 4,400' | 4,400' |
| LDA | | 3,898' | 3,898' | 4,400' | 4,400' |
| RUNWAY WIDTH | | 75' | 75' | SAME | SAME |
| PAVEMENT TYPE | | ASPHALT | ASPHALT | SAME | SAME |
| PAVEMENT LOADING (THOUSANDS) | | S-12.5 | S-12.5 | SAME | SAME |
| RUNWAY LIGHTING | | MIRL | MIRL | SAME | SAME |
| RUNWAY MARKINGS | | NONPRECISION | NONPRECISION | SAME | SAME |
| APPROACH LIGHTING | | NONE | NONE | ODALS | SAME |
| TAXIWAY WIDTH | | 35' | 35' | SAME | SAME |
| TAXIWAY LIGHTING | | MITL | MITL | SAME | SAME |
| AIRCRAFT APPROACH CATEGORY | | B | B | SAME | SAME |
| AIRPLANE DESIGN GROUP | | I | I | II | II |
| CRITICAL AIRCRAFT | | KING AIR B100 | KING AIR B100 | SUPER KING AIR B200 | SUPER KING AIR B200 |
| RUNWAY END ELEVATION | | 696.7' AMSL | 693.0' AMSL | SAME | SAME |
| EFFECTIVE GRADIENT | | -0.095% | +0.095% | -0.084% | +0.084% |
| APPROACH VISIBILITY MINIMUMS | | 1 MILE | VISUAL | 3/4 MILE | SAME |
| NAVIGATIONAL AND VISUAL AIDS | | PAPI-2, NDB, GPS | PAPI-2 | PAPI-2, NDB, GPS, ODALS | PAPI-2, REIL |
| APPROACH SLOPE | | 20:1 | 20:1 | 34:1 | SAME |
| FAR PART 77 CATEGORY | | A(NP) | A(V) | C(NP) | B(V) |
| RUNWAY PROTECTION ZONE (RPZ) | LENGTH | 1,000' | 1,000' | 1,700' | SAME |
| | WIDTH 1 | 500' | 500' | 1,000' | SAME |
| | WIDTH 2 | 700' | 700' | 1,510' | SAME |
| OBJECT FREE AREA (OFA) WIDTH | | 400' | 400' | 500' | 500' |
| OFA LENGTH BEYOND RUNWAY END | | 240' | 240' | 300' | 300' |
| RUNWAY SAFETY AREA (RSA) WIDTH | | 120' | 120' | 150' | 150' |
| RSA LENGTH BEYOND RUNWAY END | | 240' | 240' | 300' | 300' |
| OBSTACLE FREE ZONE (OFZ) WIDTH | | 250' | 250' | 400' | 400' |
| OFZ LENGTH BEYOND RUNWAY END | | 200' | 200' | SAME | SAME |
| RUNWAY END (NAD 83) | LATITUDE | 34° 30' 19.538" N | 34° 30' 31.199" N | 34° 30' 18.507" N | 34° 30' 31.664" N |
| | LONGITUDE | 81° 57' 12.079" W | 81° 56' 27.684" W | 81° 57' 16.074" W | 81° 56' 25.960" W |

## AIRPORT DATA

CITY: LAURENS COUNTY: LAURENS STATE: SOUTH CAROLINA

| DESCRIPTION | | EXISTING | ULTIMATE |
|---|---|---|---|
| AIRPORT ELEVATION | | 696.7' AMSL | SAME |
| MEAN MAXIMUM TEMPERATURE (JULY) | | 90° F | SAME |
| MAGNETIC DECLINATION | | 5° 50' W (2002) | 06' W per YEAR |
| AIRPORT REFERENCE POINT | LAT. | 34° 30' 25.400" N | 34° 30' 25.086" N |
| | LONG. | 81° 56' 49.900" W | 81° 56' 51.017" W |
| AIRPORT REFERENCE CODE | | B-I | B-II |
| CRITICAL AIRCRAFT | | KING AIR B100 | SUPER KING AIR B200 |
| AIRPORT & TERMINAL NAVAIDS | | NDB, GPS | SAME |
| SERVICE LEVEL | | GENERAL AVIATION | SAME |

## BUILDING TABLE

| # | DESCRIPTION | SIZE (S.F.) | TOP ELEV. |
|---|---|---|---|
| 1 | EQUIPMENT SHELTER | 480 | 705.1' |
| 2 | 8 UNIT T-HANGAR | 8,000 | 714.6' |
| 3 | MAINTENANCE HANGAR | 5,000 | 719.1' |
| 4 | HANGAR | 2,000 | - |
| 5 | ADMINISTRATIVE/TERMINAL | 1,800 | 713.0' |
| 6 | STORAGE | 192 | - |
| A | 4 UNIT T-HANGAR | 5,000 | - |
| B | 4 UNIT T-HANGAR | 5,500 | - |
| C | 10 UNIT T-HANGAR | 12,000 | - |
| D | ADMIN./TERMINAL EXPANSION | 3,200 | - |
| E | 4 UNIT T-HANGAR | 5,500 | - |
| F | 4 UNIT T-HANGAR | 5,500 | - |
| G | 4 UNIT T-HANGAR | 5,500 | - |

## LEGEND

| DESCRIPTION | EXISTING | ULTIMATE |
|---|---|---|
| FENCE | —x—x—x— | —xx—xx—xx— |
| AIRPORT PAVEMENT | | |
| PROPERTY LINE | | |
| GROUND CONTOURS | 710 | |
| TREE LINE | | |
| BUILDINGS | | |
| WATER | | |
| RUNWAY SAFETY AREA | RSA | RSA |
| RUNWAY OBJECT FREE AREA | ROFA | ROFA |
| BUILDING RESTRICTION LINE | | |
| TAXIWAY OBJECT FREE AREA | | |
| POWER POLE | | |
| LIGHT POLE | LP | |
| MANHOLE | MH | |
| CATCH BASIN | | |
| NATIONAL GEODETIC SURVEY MONUMENT | | |

# LAURENS COUNTY

LAURENS COUNTY AIRPORT
LAURENS, SOUTH CAROLINA

THE LPA GROUP
TRANSPORTATION CONSULTANTS

ATLANTA, GA • BATON ROUGE, LA • CHARLESTON, SC
CHARLOTTE, NC • CHICAGO, IL • COLUMBIA, SC
GREENSBORO, NC • JACKSONVILLE, FL • KNOXVILLE, TN
MOBILE, AL • ORLANDO, FL • RALEIGH, NC • RICHMOND, VA
SARASOTA, FL • TALLAHASSEE, FL • TAMPA, FL • WEST PALM BEACH, FL

| | |
|---|---|
| Designer: TGM | |
| Technician: TGM | |
| Checked by: RKH | |
| Project Number: CP434001 | |

## NOTES

1. COORDINATES SHOWN HEREON ARE IN NAD83.
2. ELEVATIONS SHOWN ARE ABOVE MEAN SEA LEVEL (AMSL).
3. SEE EXHIBIT "A" PROPERTY MAP ( DRAWING 7) FOR PROPERTY LINE METES AND BOUNDS.
4. HOLDING POSITION MARKINGS FOR RUNWAY/ TAXIWAY INTERSECTIONS ARE 200' FROM RUNWAY CENTERLINE AND PERPENDICULAR TO TAXIWAY CENTERLINE.
5. NO EXISTING THRESHOLD SITING SURFACE OBJECT PENETRATIONS.
6. NO OBJECT FREE ZONE OBJECT PENETRATIONS.

REVISIONS

| No. | Description | Date | By |
|---|---|---|---|
| | | | |

Project Name:

**AIRPORT LAYOUT PLAN UPDATE**

Drawing Name:

**AIRPORT LAYOUT PLAN**

FAA A.I.P. Project Number:

Autocad Drawing Reference:

| | |
|---|---|
| Date: JANUARY 2005 | Division: PLANNING |
| Scale: 1" = 200' | Drawing Number: 2 |