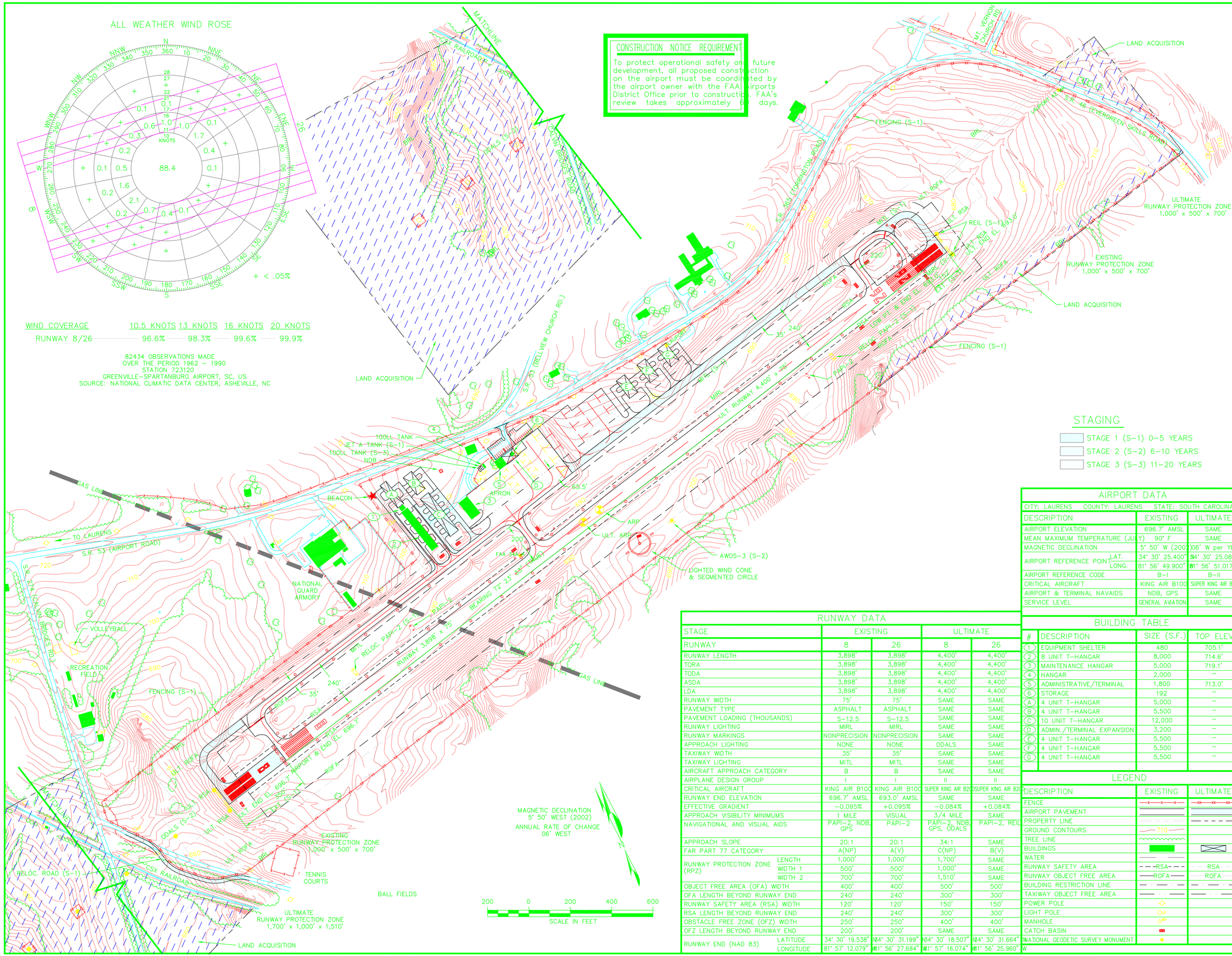

LAURENS COUNTY

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 B

Designer: TGM	2005
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.

STAGING

- STAGE 1 (S-1) 0-5 YEARS
- STAGE 2 (S-2) 6-10 YEARS
- STAGE 3 (S-3) 11-20 YEARS

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

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

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		
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		

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