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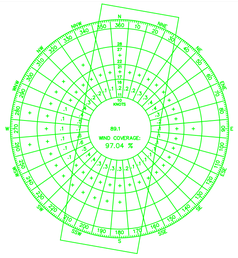


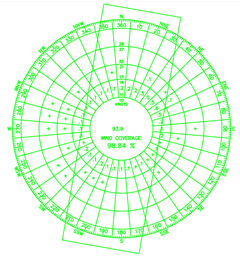
ALL WEATHER

DIRECTION	10.5 KTS/ 12 MPH	13 KTS/ 15 MPH
1	35.23	36.39
19	41.74	43.13
CALMS	17.72	17.72
TOTAL	94.49	97.04
NOT COVERED	5.51	2.96

NOTE: MAY NOT TOTAL DUE TO ROUNDING

SOURCE: NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
STATION: COLUMBIA, SOUTH CAROLINA
PERIOD COVERED FROM 1990 THRU 1999

SALUDA COUNTY AIRPORT
ALL WEATHER WIND ROSE



IFR (DAY)

DIRECTION	10.5 KTS/ 12 MPH	13 KTS/ 15 MPH
1	52.44	53.38
19	31.08	31.42
CALMS	14.25	14.25
TOTAL	97.56	98.84
NOT COVERED	2.44	1.16

NOTE: MAY NOT TOTAL DUE TO ROUNDING

SOURCE: NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
STATION: COLUMBIA, SOUTH CAROLINA
PERIOD COVERED FROM 1990 THRU 1999

SALUDA COUNTY AIRPORT
IFR WEATHER WIND ROSE

THIS SIGNATURE CERTIFIES SPONSOR'S APPROVAL OF THE INFORMATION CONTAINED IN THIS PLAN.

_____ DATE _____

HARRY FRADY
SALUDA COUNTY AIRPORT COMMISSION

RUNWAY DATA	EXISTING	STAGE I	STAGE II	STAGE III
RUNWAY LENGTH & WIDTH	3,200' X 60'	N/C	N/C	4000' X 60'
EFFECTIVE GRADIENT (%)	0.45	N/C	N/C	N/C
SURFACE MATERIAL	ASPHALT	N/C	N/C	N/C
PAVEMENT STRENGTH (IN POUNDS) (PUBLISHED)	11,300 (SW)	30,000 (SW) (SEE NOTE 8)	N/C	N/C
RUNWAY LIGHTING	MIRL	N/C	N/C	N/C
RUNWAY MARKING	BSC-G	NPI	N/C	N/C
RUNWAY END 1 COORDINATES	LAT: 33°55'20.86" N LONG: 81°47'43.50" W	N/C N/C	N/C N/C	N/C N/C
RUNWAY END 19 COORDINATES	LAT: 33°55'52.05" N LONG: 81°47'37.82" W	N/C N/C	N/C N/C	LAT: 33°55'59.88" N LONG: 81°47'36.40" W
VISUAL NAVAIDS RW 1: RW 19:	N/A PAPI-2	PAPI-2 N/C	N/C N/C	N/C N/C
OBJECT FREE AREA (OFA)	250' X 3,680'	N/C	N/C	400' X 4,480'
RUNWAY SAFETY AREA (RSA)	120' X 3,680'	N/C	N/C	120' X 4,480'
RUNWAY PROTECTION ZONE (RPZ) RWY 1	250' X 1,000' X 450'	N/C	N/C	N/C
RUNWAY PROTECTION ZONE (RPZ) RWY 19	250' X 1,000' X 450'	N/C	N/C	N/C
OBSTICAL FREE ZONE (OFZ)	250' X 3,600'	N/C	N/C	400' X 4,400'
INSTRUMENT RUNWAY	N/A	RWY 1	N/C	N/C
VISIBILITY MINIMUMS RWY 1: RWY 19:	VISUAL VISUAL	400-1 MILE N/C	N/C N/C	N/C N/C

GENERAL DATA	EXISTING	ULTIMATE
AIRPORT REFERENCE CODE	B-I	B-I
MAXIMUM AIRPORT ELEV.	539'	N/C
MEAN DAILY MAX. TEMPERATURE	92.7°	N/C
TAXIWAY PVT. STRENGTH (IN POUNDS)	UNK	30,000 (SW) (SEE NOTE 8)
APRON PAVEMENT STRENGTH (IN POUNDS)	UNK	30,000 (SW) (SEE NOTE 8)
TAXIWAY LIGHTING	MITL	N/C
AIRPORT REFERENCE POINT (ARP)	LAT: 33°55'36.46" N LONG: 81°47'40.66" W	LAT: 33°55'40.35" N LONG: 81°47'39.95" W
PART 77 APPROACH ZONE- RUNWAY 1	250' X 5,000' X 1,250'	500' X 5,000' X 1,500'
PART 77 APPROACH ZONE – RUNWAY 19	250' X 5,000' X 1,250'	500' X 5,000' X 1,500'
PART 77 APPROACH SLOPE – RUNWAY 1	20:1	N/C
PART 77 APPROACH SLOPE – RUNWAY 19	20:1	N/C
AIRPORT AND TERMINAL NAVAIDS	ROTATING BEACON	N/C
TYPE INSTRUMENT APPROACH	NONE	STRAIGHT-IN GPS
PART 77 APPROACH CATEGORY	VISUAL	NPI
WIND COVERAGE ALL WEATHER (13 KTS, 15 MPH) IFR (13 KTS, 15 MPH)	97.04% 98.84%	N/C N/C
CRITICAL AIRCRAFT	BEECH KING AIR F90	N/C

LEGEND	EXISTING	PROPOSED
PROPERTY LINE		
EASEMENT LINE		
BUILDING RESTRICTION LINE (BRL)		BRL
RUNWAY PROTECTION ZONE (RPZ)		
PAVEMENT		stage
BUILDINGS		stage
FENCING		
GROUND CONTOUR	180	N/A
WOODED AREA		N/A
DITCH/CREEK		N/A
AIRPORT REFERENCE POINT		
RUNWAY SAFETY AREA (RSA)	SEE RUNWAY DATA TABLE FOR DIMENSIONS	
OBSTACLE FREE ZONE (OFZ)	SEE RUNWAY DATA TABLE FOR DIMENSIONS	
OBJECT FREE AREA (OFA)	SEE RUNWAY DATA TABLE FOR DIMENSIONS	
ILS CRITICAL AREAS	N/A	N/A
THRESHOLD LIGHTS / MALSR		

STAGE I

STAGE II

STAGE III

NOTE:
1: ALL LATITUDE AND LONGITUDE COORDINATES ARE IN NAD '83 FORMAT.

2: ALL ELEVATIONS ARE IN NAVD 88 FORMAT.

3: NO OBJECT PENETRATIONS OTHER THAN FRANGIBLE NAVAIDS PENETRATES OFZ.

4: NO THRESHOLD SITING SURFACE OBJECT PENETRATIONS.

5: PUBLISHED PAVEMENT STRENGTH LIMITS AIRPORT TO SMALL AIRCRAFT EXCLUSIVELY. BELOW 11,300 LBS. SINGLE WHEEL.

6: FAA DID NOT FUND AN AERIAL OBSTRUCTION SURVEY AS A PART OF THIS ALP UPDATE.

7: ELEVATIONS WHERE ESTABLISHED FROM SURVEY DATA ACQUIRED FROM A GROUND SURVEY BY WK DICKSON IN OCT. 2003, AND AN AERIAL SURVEY BY ADC SURVEYS, CORP. IN JULY 1995.

8: ESTABLISHED PAVEMENT STRENGTH OF 30,000 LBS. WILL BE THE RESULT OF AN OVERLAY AND NOT A DESIGN CHANGE.

9: PER US AIR FORCE: AIRFIELD IS LOCATED WITHIN THE CONFINES, OR NEAR A MILITARY TRAINING ROUTE, OR MILITARY TRAINING AREA.

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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.

GRAPHIC SCALE

200 0 100 200 400 800

(IN FEET)
1 inch = 200 ft.

REV. NO.	DESCRIPTION	DATE
	REVISIONS	

PROJECT MANAGER: GAV
WORK BY: RBT
APPROVED BY: SEW
FILE NAME: 30410BASE
DRAWING SCALE: 1"= 200'
PROJECT DATE: MARCH 2005
PROJECT NUMBER: 30410.00.CA
PLOT DATE:

WK DICKSON
Engineers • Planners • Surveyors
Landscape Architects

501 COMMERCE DRIVE NE
COLUMBIA, SC 29223
(803) 786-4261

Atlanta, GA
Charlotte, NC
Columbia, SC
Hickory, NC
Raleigh, NC
Wilmington, NC

RELEASED FOR	DATE
APPROVALS	
BIDDING	
CONSTRUCTION	
RECORD DWG.	

2005

SALUDA COUNTY AIRPORT
SALUDA, SOUTH CAROLINA

AIRPORT LAYOUT PLAN

2 / 8

D-4099