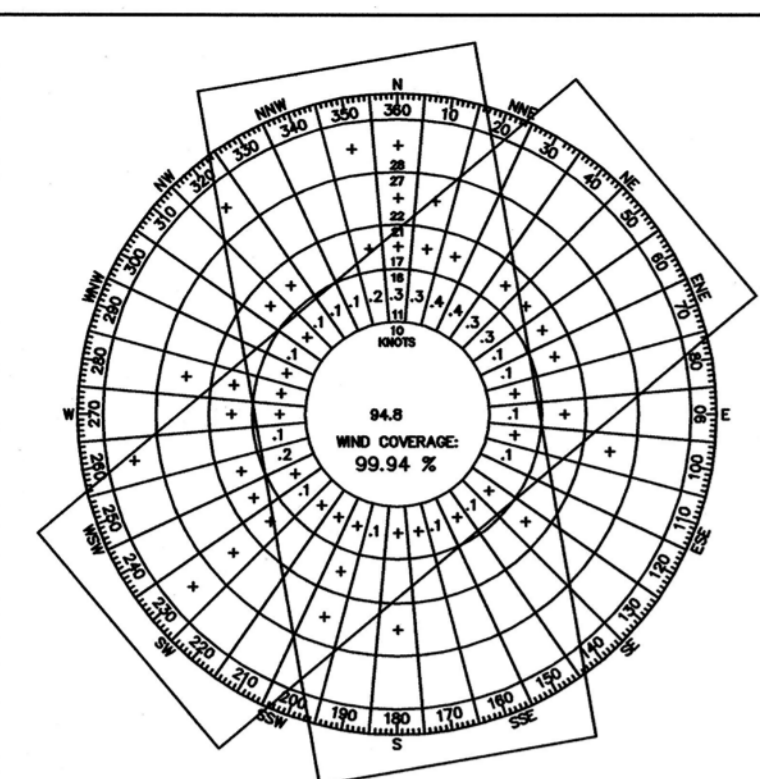
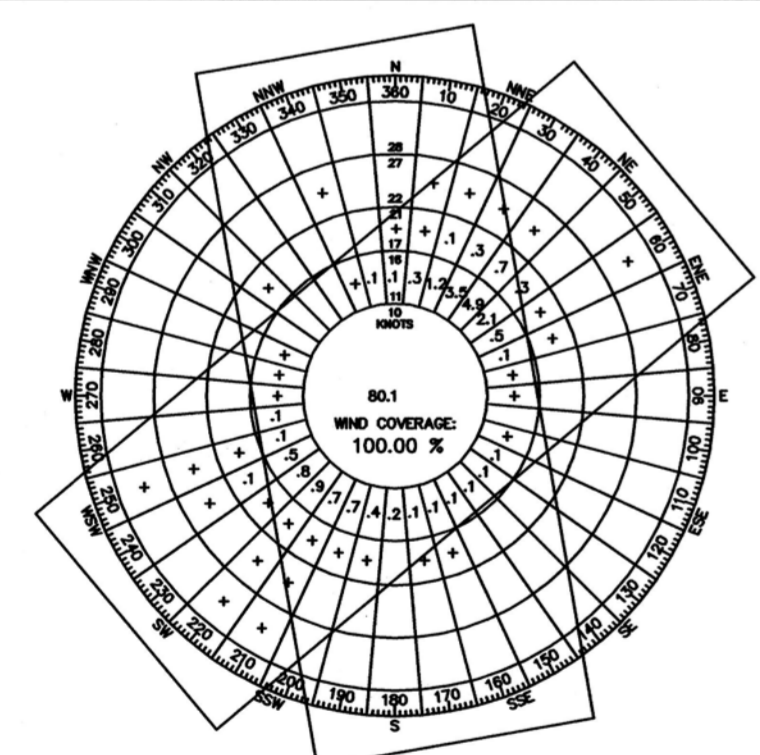


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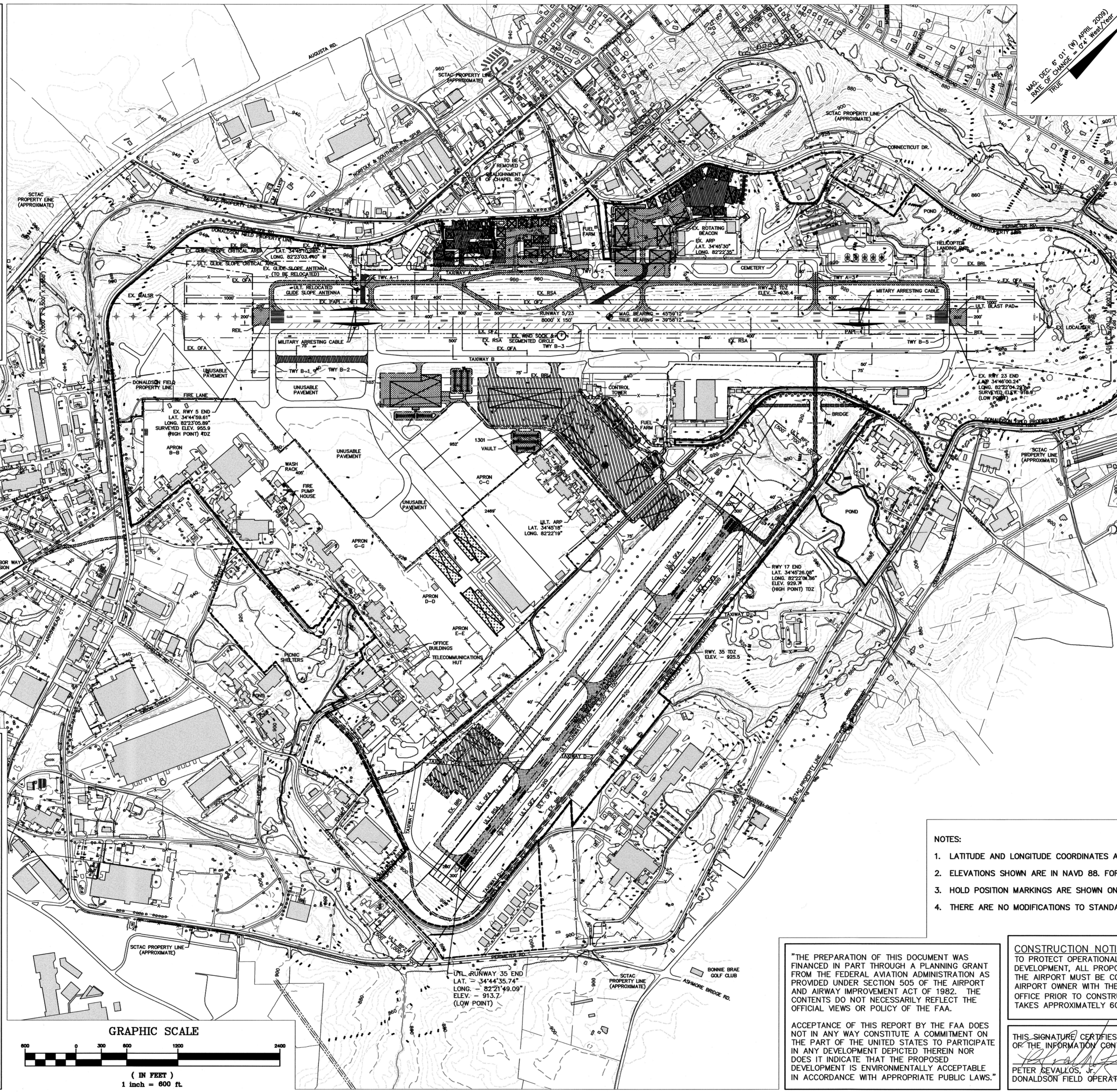
DIRECTION	10.5 KTS/12 MPH	13 KTS/15 MPH	16 KTS/18 MPH
5	64.10%	54.92%	65.56%
23	51.71%	52.13%	52.42%
17	45.91%	48.17%	49.85%
35	55.01%	58.80%	57.75%
CALMS	8.11%	8.11%	8.11%
TOTAL WIND COVERAGE	99.14%	99.69%	99.94%
NOT COVERED	5.12%	2.74%	0.64%

NOTE: MAY NOT TOTAL DUE TO ROUNDING  
 SOURCE: NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION  
 STATION: GREENVILLE SPARTANBURG  
 PERIOD COVERED 1985-1994  
**DONALDSON FIELD**  
 ALL WEATHER WIND ROSE



DIRECTION	10.5 KTS/12 MPH	13 KTS/15 MPH	16 KTS/18 MPH
5	64.65%	64.89%	65.04%
23	38.84%	40.23%	40.44%
17	38.85%	40.10%	40.78%
35	58.02%	62.44%	64.23%
CALMS	5.47%	5.47%	5.47%
TOTAL WIND COVERAGE	99.72%	99.90%	99.99%
NOT COVERED	3.22%	1.55%	0.36%

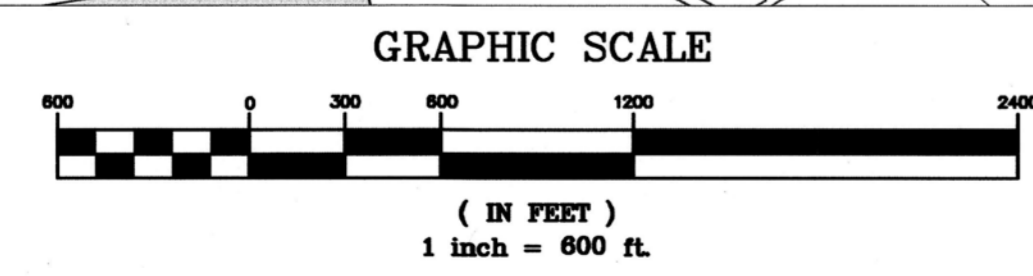
NOTE: MAY NOT TOTAL DUE TO ROUNDING  
 SOURCE: NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION  
 STATION: GREENVILLE SPARTANBURG  
 PERIOD COVERED 1985-1994  
**DONALDSON FIELD**  
 IFR WIND ROSE



DESCRIPTION	EXISTING	STAGE I	STAGE II	STAGE III
EFFECTIVE GRADIENT (%)	0.46	N/C	N/C	N/C
MAXIMUM GRADE CHANGE	37.0'	N/C	N/C	N/C
WIND COVERAGE (ALL WEATHER)	(16 KNOTS/18 MPH) 99.94%	N/C	N/C	N/C
WIND COVERAGE (IFR)	(16 KNOTS/18 MPH) 99.99%	N/C	N/C	N/C
MAX ELEVATION	955.9	N/C	N/C	N/C
RUNWAY LENGTH X WIDTH	8,000' X 150'	N/C	N/C	N/C
BLAST PAD LENGTH X WIDTH	N/A	N/C	N/C	N/C
USABLE RUNWAY LENGTH	8,000'	N/C	N/C	N/C
SURFACE TYPE	CONCRETE	N/C	N/C	N/C
PAVEMENT STRENGTH (SINGLE WHEEL)	30,000 LBS.	N/C	N/C	N/C
PAVEMENT STRENGTH (DUAL WHEEL)	120,000 LBS.	N/C	N/C	N/C
PAVEMENT STRENGTH (DUAL TANDEM)	200,000 LBS.	N/C	N/C	N/C
APPROACH SURFACE SLOPE (RWY 5)	50:1 PI	N/C	N/C	N/C
APPROACH SURFACE SLOPE (RWY 23)	34:1 NPI	N/C	50:1 PI	N/C
APPROACH MINIMUMS (RWY 5)	200 - 1/2 MILE	N/C	N/C	N/C
APPROACH MINIMUMS (RWY 23)	483 - 1 MILE	N/C	250 - 3/4 MI	N/C
VISUAL APPROACH AIDS	REL. PAPI-4 MALSR	N/C	ROTATING BEACON	N/C
INSTRUMENT APPROACH AIDS	(RWY 5 - LS/DME, GPS LPV) (RWY 23 - RNAV GPS) NDB, AMOS	N/C	(RWY 23) GPS LPV	N/C
RUNWAY LIGHTING	HIRL	N/C	N/C	N/C
RUNWAY MARKING	PRECISION INSTRUMENT	N/C	N/C	N/C
AIRPORT REFERENCE CODE (ARC)	D-IV	N/C	N/C	N/C
CRITICAL AIRCRAFT	BOEING 707-200	N/C	N/C	N/C
OBJECT FREE AREA (OFA) (WIDTH)	800'	N/C	N/C	N/C
(OFA) LENGTH BEYOND RUNWAY	1,000'	N/C	N/C	N/C
RUNWAY SAFETY AREA (RSA) (WIDTH)	500'	N/C	N/C	N/C
(RSA) LENGTH BEYOND RUNWAY	1,000'	N/C	N/C	N/C
OBSTACLE FREE ZONE (OFZ) (WIDTH)	400'	N/C	N/C	N/C
(OFZ) LENGTH BEYOND RUNWAY	200'	N/C	N/C	N/C
FAR PART 77 APPROACH CATEGORY	PI (RWY 5) - NPI (RWY 23)	N/C	N/C	N/C
RUNWAY END COORDINATES (NAD 83)	34°44'59.61"	N/C	N/C	N/C
RUNWAY 5 (LONGITUDE)	82°23'05.89"	N/C	N/C	N/C
RUNWAY 23 (LATITUDE)	34°46'00.24"	N/C	N/C	N/C
RUNWAY 23 (LONGITUDE)	82°22'04.29"	N/C	N/C	N/C
RUNWAY END ELEVATION RWY 5	955.9 (SURVEYED)	N/C	N/C	N/C
RUNWAY END ELEVATION RWY 23	918.9 (SURVEYED)	N/C	N/C	N/C
TDZ ELEVATION	RWY 5 (955.9) / RWY 23 (936.4)	200' X 200'	N/C	N/C

DESCRIPTION	EXISTING	STAGE I	STAGE II	STAGE II
EFFECTIVE GRADIENT (%)	.31	0.31	N/C	N/C
MAXIMUM GRADE CHANGE	17.5'	16.0'	N/C	N/C
WIND COVERAGE (ALL WEATHER)	N/A	(16 KNOTS/18 MPH) 99.94%	N/C	N/C
WIND COVERAGE (IFR)	N/A	(16 KNOTS/18 MPH) 99.99%	N/C	N/C
MAX ELEVATION	955.9	N/A	N/C	N/C
RUNWAY LENGTH X WIDTH	5,500' X 300'	5,200' X 100'	N/C	N/C
USABLE RUNWAY LENGTH	N/A	5,200'	N/C	N/C
SURFACE TYPE	CONCRETE	CONCRETE	N/C	N/C
PAVEMENT STRENGTH (SINGLE WHEEL)	30,000 LBS.	30,000 LBS.	N/C	N/C
PAVEMENT STRENGTH (DUAL WHEEL)	120,000 LBS.	120,000 LBS.	N/C	N/C
APPROACH SURFACE SLOPE (RWY 17)	N/A	34:1 NPI	N/C	N/C
APPROACH SURFACE SLOPE (RWY 35)	N/A	34:1 NPI	N/C	N/C
APPROACH MINIMUMS (RWY 17)	N/A	400 - 1 MILE	N/C	N/C
APPROACH MINIMUMS (RWY 35)	N/A	400 - 1 MILE	N/C	N/C
VISUAL APPROACH AIDS	N/A	PAPI-2	N/C	N/C
INSTRUMENT APPROACH AIDS	N/A	ROTATING BEACON RNAV GPS, AWOS NDB, REIL	N/C	N/C
RUNWAY LIGHTING	N/A	MIRL	N/C	N/C
RUNWAY MARKING	N/A	NPI	N/C	N/C
AIRPORT REFERENCE CODE (ARC)	N/A	B-II	N/C	N/C
CRITICAL AIRCRAFT	N/A	GULFSTREAM I	N/C	N/C
OBJECT FREE AREA (OFA) (WIDTH)	N/A	500'	N/C	N/C
(OFA) LENGTH BEYOND RUNWAY	N/A	300'	N/C	N/C
RUNWAY SAFETY AREA (RSA) (WIDTH)	N/A	150'	N/C	N/C
(RSA) LENGTH BEYOND RUNWAY	N/A	300'	N/C	N/C
OBSTACLE FREE ZONE (OFZ) (WIDTH)	N/A	400'	N/C	N/C
(OFZ) LENGTH BEYOND RUNWAY	N/A	200'	N/C	N/C
FAR PART 77 APPROACH CATEGORY	N/A	NPI	N/C	N/C
RUNWAY END COORDINATES (NAD 83)	34°44'59.61"	34°45'28.08"	N/C	N/C
RUNWAY 17 (LONGITUDE)	82°22'02.06"	82°22'01.86"	N/C	N/C
RUNWAY 35 (LATITUDE)	34°44'32.76"	34°44'35.74"	N/C	N/C
RUNWAY 35 (LONGITUDE)	82°21'48.91"	82°21'49.09"	N/C	N/C
RUNWAY END ELEVATION RWY 17	N/A	929.7	N/C	N/C
RUNWAY END ELEVATION RWY 35	N/A	915.7	N/C	N/C
TDZ ELEVATION	N/A	RWY 17 (929.7) / RWY 35 (925.5)	N/C	N/C

DESCRIPTION	EXISTING	ULTIMATE
AIRPORT ELEVATION (MSL)	955.9	N/C
AIRPORT REFERENCE POINT (NAD 83)	34°45'30"	34°45'18"
LATITUDE	82°22'35"	82°22'19"
LONGITUDE	1,325	N/C
DONALDSON FIELD ACREAGE	1,146	N/C
SCTAC ACREAGE	88.8' (F)	N/C
MEAN MAXIMUM TEMPERATURE (HOTTEST MONTH)	ROTATING BEACON, NDB, AMOS, ATCT	N/C
AIRPORT TERMINAL AREA NAVAIDS	D-IV	N/C
AIRPORT REFERENCE CODE (ARC)	BOEING 707-200	N/C
DESIGN AIRCRAFT	MIL	N/C
TAXIWAY LIGHTING	CONCRETE	CONCRETE/ASPHALT
TAXIWAY SURFACE	RWY 5/23	17/35
GPS AVAILABILITY AT AIRPORT		



- NOTES:
- LATITUDE AND LONGITUDE COORDINATES ARE IN NAD 83 FORMAT.
  - ELEVATIONS SHOWN ARE IN NAVD 88. FORMAT.
  - HOLD POSITION MARKINGS ARE SHOWN ON TERMINAL AREA PLANS.
  - THERE ARE NO MODIFICATIONS TO STANDARDS.

"THE PREPARATION OF THIS DOCUMENT BY THE FAA DOES NOT IN ANY WAY CONSTITUTE A COMMITMENT ON THE PART OF THE UNITED STATES TO PARTICIPATE IN ANY DEVELOPMENT DEPICTED THEREIN NOR DOES IT INDICATE THAT THE PROPOSED DEVELOPMENT IS ENVIRONMENTALLY ACCEPTABLE IN ACCORDANCE WITH APPROPRIATE PUBLIC LAWS."

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.

THIS SIGNATURE CERTIFIES SPONSOR'S APPROVAL OF THE INFORMATION CONTAINED IN THIS PLAN.  
 PETER SEVALLOS, JR. DATE 2/3/11  
 DONALDSON FIELD OPERATIONS DIRECTOR

EXISTING	DESCRIPTION	ULTIMATE
[Symbol]	RUNWAY CENTERLINE	[Symbol]
[Symbol]	RUNWAY SAFETY AREA (RSA)	[Symbol]
[Symbol]	RUNWAY OBJECT FREE AREA (ROFA)	[Symbol]
[Symbol]	RUNWAY OBSTACLE FREE ZONE (ROFZ)	[Symbol]
[Symbol]	RUNWAY PROTECTION ZONE (RPZ)	[Symbol]
[Symbol]	TAXIWAY OBJECT FREE AREA (TOFA)	[Symbol]
[Symbol]	TAXIWAY SAFETY AREA (TSA)	[Symbol]
[Symbol]	BUILDING RESTRICTION LINE (BRL)	[Symbol]
[Symbol]	ILS CRITICAL AREA	[Symbol]
[Symbol]	AIRPORT PAVEMENT	[Symbol]
[Symbol]	AIRPORT REFERENCE POINT	[Symbol]
[Symbol]	AIRPORT BUILDINGS	[Symbol]
[Symbol]	OTHER BUILDINGS	[Symbol]
[Symbol]	AIRPORT PROPERTY LINE	[Symbol]
[Symbol]	AIRPORT EASEMENT LINE	[Symbol]
[Symbol]	OTHER PROPERTY LINES	[Symbol]
[Symbol]	RAILROAD	[Symbol]
[Symbol]	FENCE	[Symbol]
[Symbol]	ROADS	[Symbol]
[Symbol]	TREE LINE	[Symbol]
[Symbol]	WETLANDS	[Symbol]
[Symbol]	GROUND ELEVATION CONTOURS	[Symbol]
[Symbol]	DITCH/DRAIN	[Symbol]
[Symbol]	THRESHOLD LIGHTS	[Symbol]

REV. NO.	DESCRIPTION	DATE

PROJECT MANAGER: JLB  
 DRAWING SCALE: 1" = 600'  
 DRAWN BY: RBT  
 PROJECT DATE: OCT. 2011  
 PROJECT NUMBER: 80463.00.CA  
 FILE NAME: 80463 ALP UPDATE 09

1320 MAIN STREET SUITE 400 COLUMBIA, SC 29201 (803) 786-4261

RELEASED FOR: APPROVALS  
 BIDDING  
 CONSTRUCTION  
 RECORD DWG.

DATE:  

WK DICKSON community infrastructure consultants  
 Office Locations: North Carolina, Georgia, South Carolina

DONALDSON FIELD AT THE SOUTH CAROLINA TECHNOLOGY & AVIATION CENTER (SCTAC) GREENVILLE, SOUTH CAROLINA