

RUNWAY DATA TABLE					
RUNWAY 5-23					
	EXISTING		EXISTING	FUTURE	
RUNWAY LENGTH	5,500'			6,000'	
RUNWAY WIDTH	100'			SAME	
RUNWAY WIND COVERAGE % (ALL WEATHER)					
10 KTS / 12MPH	96.52 %			SAME	
13KTS / 15MPH	98.22 %			SAME	
16KTS / 18MPH	99.52 %			SAME	
20KTS / 23MPH	99.87 %			SAME	
AIRCRAFT REFERENCE CODE	C-II			SAME	
CRITICAL AIRCRAFT	HAWKER 900XP JET			SAME	
TRUE BEARING	43.64° / 223.65°			SAME	
EFFECTIVE GRADIENT (%)	0.1% / -0.1%			SAME	
RSA DIMENSIONS (RUNWAY END)	500' x 1,000' (SEE NOTE 2)			SAME	
ROFA DIMENSIONS (RUNWAY END)	800' x 1,000'			SAME	
OFZ DIMENSIONS (RUNWAY END)	400' x 200'			SAME	
RUNWAY LIGHTING	MIRL			SAME	
PAYEMENT STRENGTH:					
SINGLE WHEEL GEAR (POUNDS)	25,000			SAME	
SURFACE COMPOSITION	ASPHALT			SAME	
PRIMARY SURFACE (FAR PART 77)	500'			1,000'	
RUNWAY 5					
	EXISTING	FUTURE	EXISTING	FUTURE	
APPROACH CATEGORY	NONPRECISION B(C)	NONPRECISION B(D)	NONPRECISION B(C)	SAME	
APPROACH SURFACE SLOPE	34:1	SAME	34:1	SAME	
THRESHOLD SITING SURFACE REQUIREMENTS	20:1	SAME	20:1	SAME	
APPROACH MINIMUMS	1 MILE	3/4 MILE	1 MILE	SAME	
TYPE OF APPROACH TO RW END	LPV, GPS	SAME	LPV, GPS, NDB	SAME	
RUNWAY END COORDINATES					
LATITUDE (NAD 83)	N 34° 26' 31.27"	N 34° 26' 27.69"	N 34° 27' 10.64"	SAME	
LONGITUDE (NAD 83)	W 79° 53' 33.78"	W 79° 53' 37.91"	W 79° 52' 48.46"	SAME	
RUNWAY END ELEVATION (NAVD 88)	188.5'	SAME	183.1'	SAME	
TOUCHDOWN ZONE EL. (NAVD 88)	188.7'	SAME	185.2'	SAME	
RUNWAY MARKINGS	NONPRECISION	SAME	NONPRECISION	SAME	
NAVAIDS	ODALS, PAPI, REIL	SAME	PAPI, REIL	SAME	
RUNWAY PROTECTION ZONE:					
LENGTH	1,700'	1,700'	1,700'	SAME	
INNER WIDTH	500'	1,000'	500'	SAME	
OUTER WIDTH	1,010'	1,510'	1,010'	SAME	
ACRES	29.5	49.0	29.5	SAME	
DISPLACED THRESHOLD COORDINATES					
LATITUDE (NAD 83)	N/A	N/A	N/A	N/A	
LONGITUDE (NAD 83)	N/A	N/A	N/A	N/A	
DISPLACED THRESHOLD ELEVATION	N/A	N/A	N/A	N/A	
DISPLACED THRESHOLD DISTANCE	N/A	N/A	N/A	N/A	

AIRPORT DATA TABLE		
DESCRIPTION	EXISTING	FUTURE
AIRPORT ACREAGE (ACRES)*	882.6	934.2
AIRPORT EASEMENTS (ACRES)	69.5	3.8
SERVICE LEVEL (NPAS)	GENERAL AVIATION	SAME
AIRPORT REFERENCE CODE (ARC)	C-II	SAME
AIRPORT ELEVATION (AMSL)	192.2'	SAME
MEAN MAX. TEMP. (HOTTEST MONTH)	91° JULY	SAME
AIRPORT REFERENCE POINT (NAD 83)	LATITUDE N 34° 26' 50.95" LONGITUDE W 79° 53' 11.12"	N 34° 26' 49.17" W 79° 53' 13.18"
MAGNETIC DECLINATION	7° 56' W	0° 3' W / YEAR
AIRPORT IDENTIFIER	UDG	SAME
TAXIWAY LIGHTING	MITL	SAME
AIRPORT NAVAIDS	BEACON, RWYS, WINDCOONE, SEGMENTED CIRCLE, ODALS, PAPI, NDB	SAME

AIRPORT SPONSOR APPROVAL

THIS AIRPORT DRAWING IS APPROVED BY: _____

SIGNATURE: Dale K. Sunolett DATE: 3/12/2012

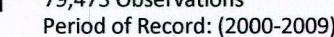
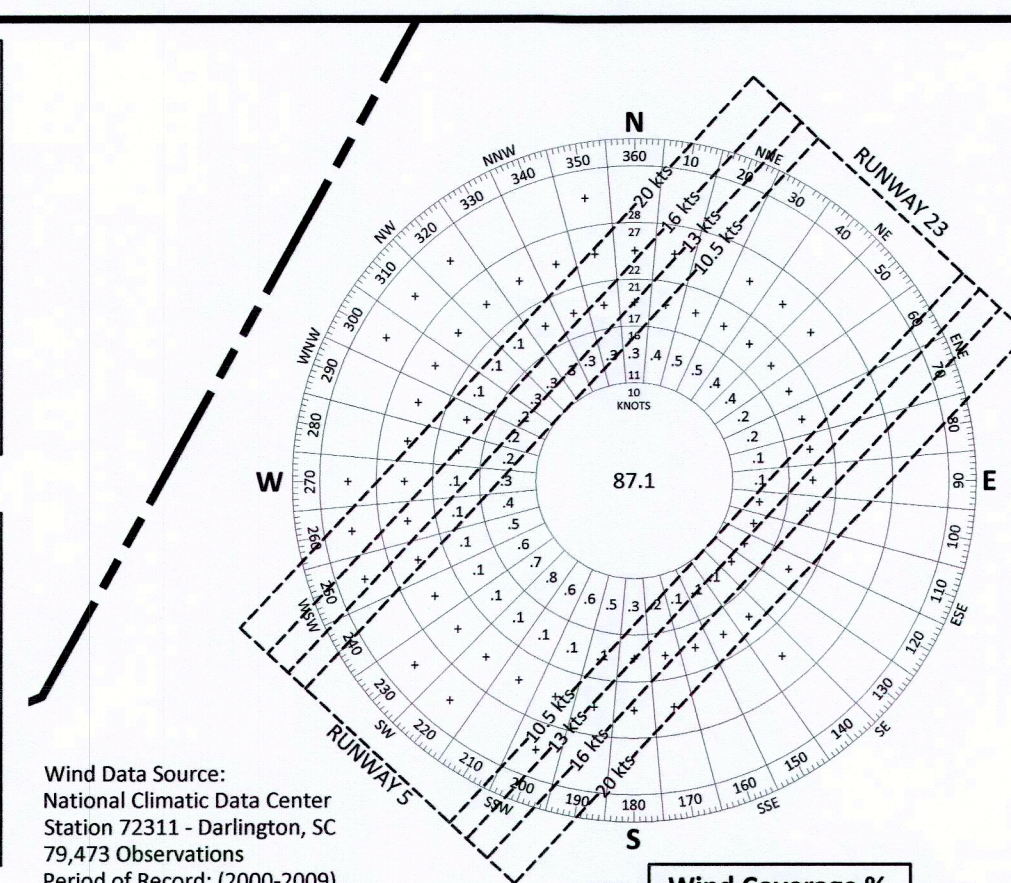
NAME: _____

TITLE: County Admin.

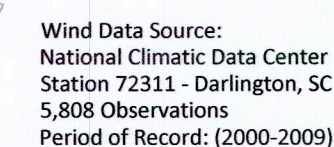
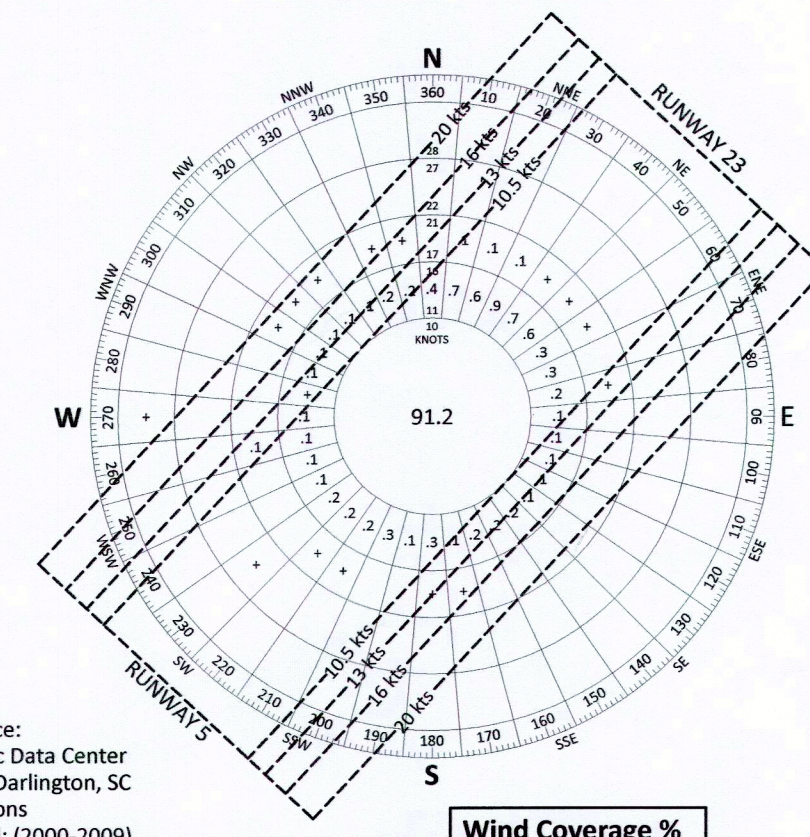
MODIFICATION TO FAA DESIGN STANDARDS			
DESCRIPTION	DESIGN STANDARD	AERONAUTICAL STUDY NUMBER	FAA APPROVAL
	NONE		

EXISTING BUILDING DATA TABLE		
BLDG. NO.	DESCRIPTION	TOT. ELEV.
1	FIRE STATION 16 (TO BE REPLACED)	201.0
2	SHEDS TO BE RELOCATED)	194.0
3	HANGAR	218.0
4	TERMINAL BUILDING	205.0
5	T-HANGAR	208.0
6	T-HANGAR	208.0
7	HANGAR	208.0
8	HANGAR	216.0
9	MANUFACTURING FACILITY	206.0
10	QUONSET HUT (TO BE REMOVED)	197.0

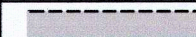
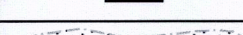
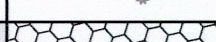
FUTURE BUILDING DATA TABLE		
BLDG. NO.	DESCRIPTION	TOT. ELEV.
A	T-HANGARS (10-UNIT) (4 BUILDINGS)	207
B	TERMINAL / FIRE STATION	206
C	HANGAR	206
D	HANGAR (100' x 200')	210
E	HANGAR (70' x 70') (4)	199
F	HANGAR (80' x 100') (2)	201
G	HANGAR (80' x 80') (3)	204
H	RELOCATED SHEDS	196

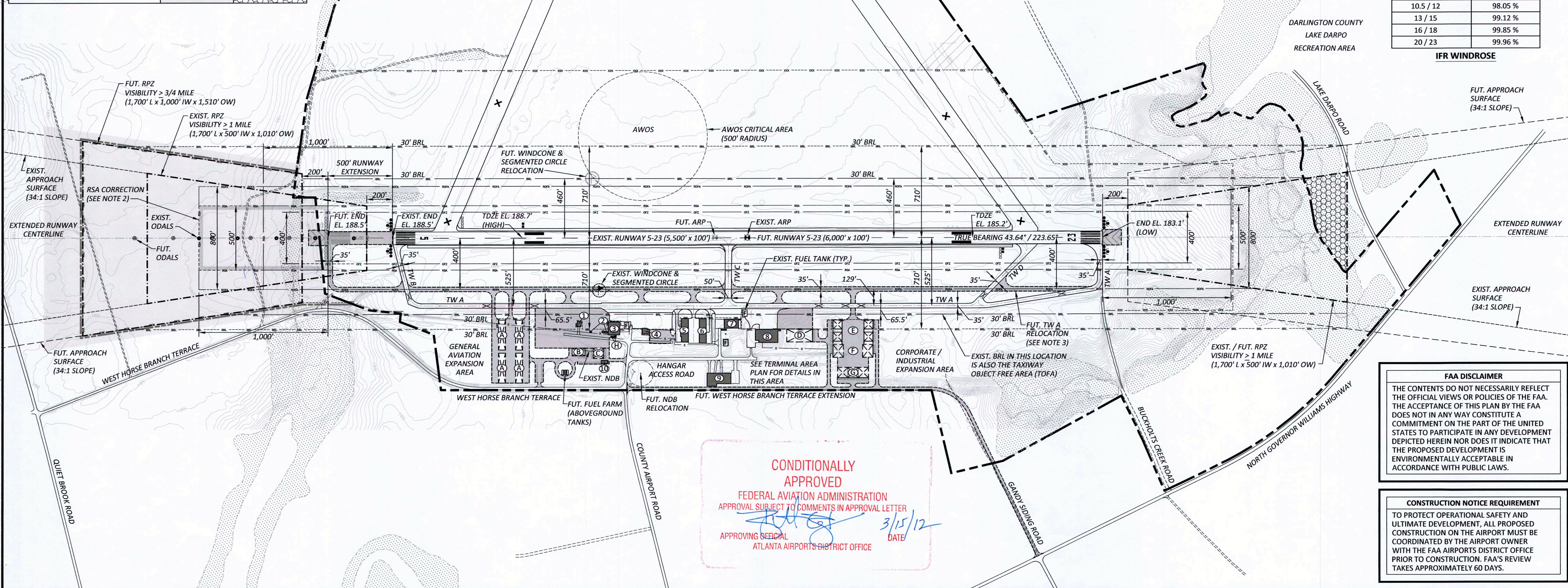


	Wind Coverage %
Crosswind Component (kts/mpg)	Runway 5-23
10.5 / 12	96.52 %
13 / 15	98.22 %
16 / 18	99.52 %
20 / 23	99.87 %



	Wind Coverage %
Crosswind Component (kts/mpg)	Runway 5-23
10.5 / 12	98.05 %
13 / 15	99.12 %
16 / 18	99.85 %
20 / 23	99.96 %

LEGEND		
DESCRIPTION	EXISTING	FUTURE
PROPERTY LINE	=====	=====
BUILDINGS		
PAVEMENT	=====	
RUNWAY MARKINGS		
NWI LAYER		N/A
RSA	----- RSA -----	----- RSA -----
ROFA	----- ROFA -----	----- ROFA -----
BRL	----- BRL -----	----- BRL -----
NAVAIDS / LIGHTING	*****	*****
FENCE	----- X ----- X -----	----- XXX ----- XXX -----
AIRPORT BEACON	●	◎
EASEMENT		



CONDITIONALLY
APPROVED
FEDERAL AVIATION ADMINISTRATION
APPROVAL SUBJECT TO COMMENTS IN APPROVAL LETTER

APPROVING OFFICIAL
ATLANTA AIRPORTS DISTRICT OFFICE
3/15
DATE

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CONSTRUCTION NOTICE REQUIREMENT TO PROTECT OPERATIONAL SAFETY AND ULTIMATE 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.



**DARLINGTON
COUNTY
JETPORT**
Darlington,
South Carolina



Designer: APN	Checked by: MJK
Technician: APN	Project Number: 121477

NOTES:

1. ALL ELEVATIONS SHOWN ARE ABOVE MEAN SEA LEVEL (AMSL).
2. THE EXISTING RSA BEYOND RUNWAY 5 IS NON-STANDARD. THE RECOMMENDED CORRECTION INCLUDES FILLING AND GRADING THE RSA IN CONJUNCTION WITH A FUTURE EXTENSION OF RUNWAY 5. IN THE INTERIM, THE APPLICATION OF DECLARED DISTANCES MAY BE NECESSARY BECAUSE 700' OF RSA IS PROVIDED BEYOND RUNWAY 5. DECLARED DISTANCES WOULD ONLY AFFECT RUNWAY 23 ASDA AND LDA CALCULATIONS BY 300'.
3. RELOCATION OF TAXIWAY A IS RECOMMENDED TO CORRECT APRON FRONTAGE ISSUES FOR EXISTING AND FUTURE AIRPORT BUILDINGS. EXISTING TAXIWAY A TO BE CLOSED FOR AIRCRAFT TAXIING FOLLOWING RELOCATION.
4. EXISTING BRL BASED ON TAXIWAY OBJECT FREE AREA (TOFA) OF TAXIWAY A OR TRANSITIONAL SURFACE ELEVATION OF 30'. FUTURE BRL BASED ON TRANSITIONAL SURFACE ELEVATION OF 30' OR EXISTING BUILDING SEPARATIONS.
5. ALL EXISTING AND FUTURE HOLDLINES ARE LOCATED 250' FROM RUNWAY CENTERLINE.
6. RUNWAYS 10-28 AND 16-34 ARE PERMANENTLY CLOSED.
7. BASE MAPPING SOURCE: WOOLPERT, INC. SEPTEMBER 7, 2010.
8. ACCORDING TO FEMA FLOOD INSURANCE RATE MAPS (COMMUNITY PANEL NUMBERS 450600075B AND 450600050B), UDC IS LOCATED IN AN AREA DETERMINED TO BE OUTSIDE THE 500-YEAR FLOODPLAIN (ZONE X).

[illegible]

Project Name:	
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AIRPORT LAYOUT PLAN UPDATE

Drawing Name: **AIRPORT
LAYOUT PLAN
DRAWING**

FAA AIP Project Number:
3-45-0021-008-2008

Date: JANUARY 2012	Division: PLANNING
Scale: (24X36) 1" = 400'	Drawing Number: 2