

AERONAUTICAL DATA SHEET  
 NATIONAL GEODETIC SURVEY

DATE GENERATED: 08/26/2002

PROJECT NUMBER: 516  
 ARPT IDENTIFIER: RDU  
 ARPT NAME: RALEIGH-DURHAM INTERNATIONAL AIRPORT  
 CITY: RALEIGH/DURHAM  
 STATE: NORTH CAROLINA  
 ARPT ELEVATION: 435.0  
 AIRPORT REFERENCE POINT

SITE NUMBER: 17035.A  
 SURVEY DATE: 04/21/2001  
 HORIZONTAL DATUM: NAD83  
 VERTICAL DATUM: NAVD88  
 ATCT FLOOR ELEV: 624.0  
 DECLINATION: 8.5W

DISTANCE FROM RWY END: 23L+1628  
 LATITUDE: 355239.5  
 LONGITUDE: -784714.9

RUNWAY INFORMATION

RUNWAY: 5L/23R LENGTH: 10000 WIDTH: 150 SURFACE TYPE: SPECIALLY PREPARED HARD SURFACE - PAVED

RUNWAY END DATA  
 GEODETIC

DISPLACED THRESHOLD DATA

RWY	LATITUDE	LONGITUDE	ELEV	AZ (N)	TDZE	LENGTH	LATITUDE	LONGITUDE	ELEV
5L	355228.0177	-784807.0696	366.9	450826	384.5				
23R	355337.7636	-784640.9215	408.7	2250917	408.7				

PROFILE DATA

DISTANCES FROM APPROACH END 5L

DISTANCES FROM APPROACH END 23R

DISTANCE	ELEV
0	366.9
2406	379.1
4392	396.6
7733	397.6
10000	408.7

DISTANCE	ELEV
0	408.7
2268	397.6
5608	396.6
7594	379.1
10000	366.9

RUNWAY: 5R/23L LENGTH: 7500 WIDTH: 150 SURFACE TYPE: SPECIALLY PREPARED HARD SURFACE - PAVED

RUNWAY END DATA  
 GEODETIC

DISPLACED THRESHOLD DATA

RWY	LATITUDE	LONGITUDE	ELEV	AZ (N)	TDZE	LENGTH	LATITUDE	LONGITUDE	ELEV
5R	355152.6681	-784750.4181	397.4	450823	419.7				
23L	355244.9830	-784645.8166	430.6	2250900	435.0				

DISTANCES FROM APPROACH END 5R

DISTANCE	ELEV
0	397.4
2469	416.7
5536	434.3
5872	435.0
7500	430.6

DISTANCES FROM APPROACH END 23L

DISTANCE	ELEV
0	430.6
1628	435.0
1964	434.3
5032	416.7
7500	397.4

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RUNWAY: 14/32    LENGTH: 3570    WIDTH: 100    SURFACE TYPE: SPECIALLY PREPARED HARD SURFACE - PAVED

RUNWAY END DATA  
GEODETIC

RWY	LATITUDE	LONGITUDE	ELEV	AZ (N)
14	355230.1104	-784657.6421	432.0	1350920
32	355205.0750	-784627.0523	424.7	3150938

DISPLACED THRESHOLD DATA

TDZE	LENGTH	LATITUDE	LONGITUDE	ELEV
432.0				
428.7				

PROFILE DATA

DISTANCES FROM APPROACH END 14

DISTANCE	ELEV
0	432.0
2399	418.5
2907	419.3
3570	424.7

DISTANCES FROM APPROACH END 32

DISTANCE	ELEV
0	424.7
663	419.3
1171	418.5
3570	432.0

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NAVIGATIONAL AID INFORMATION

ELECTRONIC		LATITUDE	LONGITUDE	ELEV	OFFSET DISTANCE	ALONG CNTRLN DISTANCE
ASR	(RDU)	355237.2501	-784634.2417	399.2		
DME	(5L)	355347.5199	-784627.5678	410.9		
DME	(23R)	355219.5110	-784813.8183	370.4		
GS	(5L)	355237.7955	-784801.8850	365.6		
GS	(5L) PP	355234.9923	-784758.4577	371.9	400L	1000
GS	(5R)	355157.0185	-784738.1705	400.1		
GS	(5R) PP	355159.8173	-784741.5920	405.4	399R	1025
GS	(23L)	355236.2552	-784652.2855	430.2		
GS	(23L) PP	355238.0095	-784654.4299	434.0	250L	1000
GS	(23R)	355332.4762	-784654.3471	396.3		
GS	(23R) PP	355329.6720	-784650.9192	402.8	400R	1160
IM	(23R)	355343.8790	-784633.3647			877
LOC	(5L)	355348.0688	-784628.1873	408.8		1478
LOC	(5R)	355247.9477	-784642.1599	417.2		425
LOC	(23L)	355148.6956	-784755.3155	365.4		569
LOC	(23R)	355221.0275	-784815.7016	358.8		1002
LOM	(5R)	354748.9830	-785258.7001			35379
MM	(5L)	355207.5853	-784841.3487			3497
MM	(5R)	355126.4025	-784822.8427			3765
MM	(23R)	355354.7289	-784619.9699			2432
NDB	(LE)	355538.0367	-784318.8894			
OM	(23L)	355538.5122	-784319.6651			24404
VORTAC	(RDU)	355221.0761	-784700.0316	429.2		

VISUAL		LATITUDE	LONGITUDE
ALS	(5L)		
ALS	(5R)		
ALS	(23L)		
ALS	(23R)		
APBN		355231.8282	-784717.0200

VISUAL	LATITUDE	LONGITUDE
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PAPI	(5L)	
PAPI	(23R)	
VASI	(5R)	
VASI	(23L)	
VASI	(32)	

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## OBSTRUCTION INFORMATION

5L PIR

OBJECT	LATITUDE	LONGITUDE	A	ELEV	AGL	HAR	HAT	HAA	DEND	DTHR	DCLN	PNTR
OL ON GS	355332.48	-784654.35	1A	453		86	69	18	-8840		400L	50
TMOM	355308.99	-784724.03	1A	412		45	28	-23	-5434		439L	15
TMOM	355239.65	-784758.77	1A	389		22	5	-46	-1314		352L	15
ROD ON OL GS	355237.80	-784801.89	1A	414		47	30	-21	-1000		400L	42
OL ON LOC	355221.03	-784815.70	1A	379		12	-5	-56	1002		0R	-4
LT POLE	355212.24	-784814.43	1A	389		22	5	-46	1555		*704R	-5
TREE	355212.14	-784817.08	1A	392		25	8	-43	1717		556R	-5
ROD ON TWR	355126.09	-784911.79	1A	475		108	91	40	8194		681R	-52

23R PIR

OBJECT	LATITUDE	LONGITUDE	A	ELEV	AGL	HAR	HAT	HAA	DEND	DTHR	DCLN	PNTR
ROD ON OL GS	355237.80	-784801.89	1A	414		5	5	-21	-9000		400R	42
TMOM	355239.65	-784758.77	1A	389		-20	-20	-46	-8686		352R	15
TMOM	355308.99	-784724.03	1A	412		3	3	-23	-4566		439R	15
OL ON GS	355332.48	-784654.35	1A	453		44	44	18	-1160		400R	50
OL ON LOC	355348.07	-784628.19	1A	416		7	7	-19	1478		0R	-18
POLE	355354.00	-784632.32	1A	431		22	22	-4	1659		665R	-7
TREE	355357.61	-784629.63	1A	443		34	34	8	2074		768R	-3
POLE	355352.15	-784615.82	1A	451		42	42	16	2490		425L	-3
TREE	355358.24	-784619.14	1A	460		51	51	25	2731		204R	1
TREE	355356.72	-784616.43	1A	461		52	52	26	2780		62L	1
TREE	355358.25	-784616.83	1A	466		57	57	31	2866		71R	4
BLDG	355406.29	-784621.39	1A	468		59	59	33	3173		912R	0
TREE	355354.01	-784605.32	1A	469		60	60	34	3235		901L	0
TREE	355355.48	-784605.87	1A	470		61	61	35	3308		763L	-1
TREE	355354.82	-784604.58	1A	478		69	69	43	3337		886L	7
TREE	355407.78	-784609.72	1A	486		77	77	51	3961		342R	3

5R PIR

OBJECT	LATITUDE	LONGITUDE	A	ELEV	AGL	HAR	HAT	HAA	DEND	DTHR	DCLN	PNTR
ROD ON OL GS	355236.26	-784652.29	1A	463		66	43	28	-6501		250R	30
OL ON LTD WSK	355238.87	-784657.24	1A	442		45	22	7	-6398		225L	9
AMOM	355226.55	-784659.96	1A	452		55	32	17	-5361		*500R	18
ROD ON OL GS	355157.02	-784738.17	1A	444		47	24	9	-1025		399R	39
OL LOC	355148.70	-784755.32	1A	397		0	-23	-38	569		0R	-8
TREE	355145.97	-784805.53	1A	412		15	-8	-23	1359		398L	-8
TREE	355134.49	-784805.68	1A	418		21	-2	-17	2187		417R	-19
TREE	355135.59	-784807.64	1A	422		25	2	-13	2223		224R	-16
TREE	355129.47	-784811.11	1A	431		34	11	-4	2862		462R	-20

23L PIR

OBJECT	LATITUDE	LONGITUDE	A	ELEV	AGL	HAR	HAT	HAA	DEND	DTHR	DCLN	PNTR
ROD ON OL GS	355157.02	-784738.17	1A	444		13	9	9	-6476		399L	39
AMOM	355226.55	-784659.96	1A	452		21	17	17	-2139		*500L	18
OL ON LTD WSK	355238.87	-784657.24	1A	442		11	7	7	-1103		225R	9
ROD ON OL GS	355236.26	-784652.29	1A	463		32	28	28	-1000		250L	30
BLDG	355249.72	-784645.25	1A	435		4	0	0	371		307R	1
OL ON LOC	355247.95	-784642.16	1A	432		1	-3	-3	425		0R	-3
TREE	355252.23	-784624.94	1A	456		25	21	21	1735		692L	-6
TREE	355302.69	-784634.88	1A	468		37	33	33	1900		635R	4
TREE	355309.78	-784623.52	1A	491		60	56	56	3069		484R	3
TREE	355321.72	-784547.19	1A	554		123	119	119	6040		768L	7
TREE	355329.02	-784543.93	1A	561		130	126	126	6751		434L	0
OL ON TK	355347.02	-784540.01	1A	558		127	123	123	8263		629R	-34

14 BV

OBJECT	LATITUDE	LONGITUDE	A	ELEV	AGL	HAR	HAT	HAA	DEND	DTHR	DCLN	PNTR
OL ON WSK	355213.08	-784632.56	1A	427		-5	-5	-8	-2677		249L	8
OL ON WSK	355225.86	-784648.17	1A	435		3	3	0	-854		250L	8

32 C

OBJECT	LATITUDE	LONGITUDE	A	ELEV	AGL	HAR	HAT	HAA	DEND	DTHR	DCLN	PNTR
OL ON WSK	355225.86	-784648.17	1A	435		10	6	0	-2716		250R	8
OL ON WSK	355213.08	-784632.56	1A	427		2	-2	-8	-894		249R	8
POST	355155.20	-784613.95	1A	444		19	15	9	1469		61R	-18
TREE	355139.71	-784607.79	1A	548		123	119	113	2936		*684L	43
TREE	355143.10	-784600.23	1A	547		122	118	112	3133		2L	36
TREE	355140.15	-784603.28	1A	547		122	118	112	3167		390L	35
TREE	355145.25	-784554.07	1A	545		120	116	110	3336		512R	28
TREE	355137.44	-784600.48	1A	562		137	133	127	3524		419L	39
TREE	355139.13	-784556.55	1A	559		134	130	124	3631		70L	33
TREE	355135.99	-784555.20	1A	568		143	139	133	3934		215L	34

ARP HCT

OBJECT	LATITUDE	LONGITUDE	A	ELEV	AGL	HAA	MAG	BEARING	DISTANCE	PNTR
LT POLE	355234.08	-784713.36	1A	485		50		17529	562	7
ROD & APBN ON OL BLDG	355231.83	-784717.02	1A	504		69		20110	795	22
ANT ON OL HGR	355244.08	-784701.80	1A	473		38		7514	1173	-12
ANT ON OL ATCT	355251.94	-784708.71	1A	660	231	225		3032	1357	96
AMOM	355226.55	-784659.96	1A	452		17		14517	1796	18
ANT ON BLDG	355236.40	-784739.39	1A	465		30		26940	2040	14
OL VORTAC	355221.08	-784700.03	1A	468		33		15512	2229	-18
LT POLE	355218.57	-784733.97	1A	477		42		22503	2635	1
ROD ON OL TWR	355208.99	-784714.64	1A	473		38		18806	3086	-6
TREE	355240.31	-784637.07	1A	477		42		9659	3115	-2
ROD ON OL ASR	355237.25	-784634.24	1A	515		80		10223	3354	-19
TREE	355246.85	-784629.92	1A	468		33		8708	3775	-2
TREE	355249.37	-784626.56	1A	469		34		8425	4102	-3
ANT ON TWR	355308.08	-784638.82	1A	506		71		5416	4143	-29
TREE	355327.33	-784712.02	1A	473		38		1118	4843	-4
TREE	355201.85	-784754.62	1A	453		18		22909	5018	-5
TREE	355209.11	-784621.66	1A	474		39		13332	5352	-1
TREE	355149.20	-784738.88	1A	467		32		20943	5456	6
OL ON TK	355212.17	-784812.06	1A	398		-37		24804	5457	-16
TREE	355208.46	-784620.33	1A	480		45		13326	5479	0
TREE	355147.75	-784739.15	2C	474		39		20922	5601	2

ARP	HCT	(CONTINUED)									
OBJECT		LATITUDE	LONGITUDE	A	ELEV	AGL	HAA	MAG	BEARING	DISTANCE	PNTR
LT POLE		355212.24	-784814.43	1A	389		-46		24908	5622	-5
TREE		355157.39	-784630.01	1A	497		62		14733	5638	4
TREE		355207.52	-784617.73	1A	501		66		13259	5710	8
TREE		355147.13	-784741.68	1A	462		27		21106	5736	6
OL ON LT POLE		355156.06	-784803.97	1A	474		39		23106	5967	2
TREE		355143.18	-784742.03	1A	487		52		20954	6117	-5
TREE		355150.77	-784804.53	1A	421		-14		22809	6401	-1
TREE		355202.54	-784608.62	1A	535		100		13254	6612	10
TREE		355148.90	-784622.55	1A	522		87		14824	6690	-4
TREE		355201.53	-784607.83	1A	533		98		13319	6724	11
TREE		355138.78	-784750.40	1A	463		28		21357	6800	-4
OL ON LT POLE		355148.66	-784810.50	1A	452		17		23010	6883	3
TREE		355345.58	-784649.78	1A	487		52		2541	6994	-4
TREE		355136.65	-784756.47	1A	447		12		21648	7218	9
TREE		355157.16	-784602.01	1A	538		103		13400	7370	6
TREE		355348.49	-784645.26	1A	477		42		2746	7391	-5
TREE		355141.59	-784613.55	1A	558		123		14743	7732	24
TREE		355139.71	-784607.79	1A	548		113		14604	8189	39
TREE		355345.14	-784615.46	1A	469		34		4453	8246	-1
TREE		355137.55	-784608.80	2C	571		136		14731	8297	31
TREE		355359.14	-784632.59	1A	489		54		3152	8774	4
TREE		355400.78	-784632.24	1A	496		61		3137	8937	-2
OL ON TK		355354.92	-784552.54	1A	547		112		5007	10203	-10
OL ON TK		355347.02	-784540.01	1A	558		123		5719	10373	-27
TREE		355412.96	-784618.77	1A	506		71		3432	10519	-3
TREE		355345.87	-784436.55	2C	596		161		7114	14657	6

## ADDITIONAL INFORMATION:

AERONAUTICAL DATA IS AVAILABLE ON THE INTERNET AT [HTTP://WWW.NGS.NOAA.GOV](http://www.ngs.noaa.gov).

ADDITIONAL INFORMATION ON DATA STANDARDS CAN BE FOUND IN FAA NO. 405, "STANDARDS FOR AERONAUTICAL SURVEYS AND RELATED PRODUCTS".



AN ASTERISK "\*" INDICATES THAT THIS OBJECT IS OUTSIDE, BUT WITHIN 50 FEET, OF THE OBSTRUCTION IDENTIFICATION SURFACE.