

Obs	aircraft	duration	no_pasg	speed_ground	speed_air	height	pitch	distance
1	boeing	98.4790912	53	107.91568005	109.32837648	27.418924252	4.0435145715	3369.8363638
2	boeing	125.73329732	69	101.65558863	102.8514051	27.804716181	4.1174316991	2987.8039235
3	boeing	112.0170008	61	71.051960883	.	18.589385734	4.4340431286	1144.922426
4	boeing	196.82569105	56	85.813327679	.	30.744597235	3.8842361245	1664.2181584
5	boeing	90.095381357	70	59.888528183	.	32.397688062	4.0260964152	1050.2644976
6	boeing	137.59581722	55	75.014343744	.	41.21496259	4.203853398	1627.0681991
7	boeing	73.023794916	54	54.4298029	.	24.03532163	3.8376457299	805.30399317
8	boeing	52.903187872	57	57.101661737	.	19.388837508	4.6436717769	573.62178606
9	boeing	155.51861605	61	85.443624251	.	35.375389749	4.2287278648	1698.9927548
10	boeing	176.86203205	56	61.796710514	.	36.748816124	4.1843990127	1137.7457579
11	boeing	158.4618984	61	53.778126741	.	46.355832902	5.5563991716	1075.3717411
12	boeing	180.61655753	54	141.21863535	141.72493569	23.575935009	5.2168022511	6533.0476506
13	boeing	72.289633216	54	93.391762435	92.869561214	32.223489271	3.8182761471	2128.708285
14	boeing	187.59954737	58	94.036412942	96.196460585	33.661226156	4.6361847249	2304.857574
15	boeing	154.36870049	63	63.540613553	.	26.402991875	3.8566584986	1089.9729531
16	boeing	165.54194536	69	48.774673273	.	31.228664837	3.9020460339	943.06840443
17	boeing	153.54633587	61	83.556493271	.	29.897473262	3.519783726	1793.5628232
18	boeing	107.11331938	78	86.807962025	.	25.477015381	4.4142187986	1910.8768699
19	boeing	233.80249791	69	104.80843448	103.86845794	43.882731896	3.2450978263	3213.985265
20	boeing	163.90650312	55	119.3804635	120.44470797	38.558536007	3.7014493887	4524.2788621
21	boeing	97.477623266	63	73.533976336	.	29.152465311	4.0140064257	1332.0387485
22	boeing	118.63054039	55	79.994815042	.	29.366866101	4.4071812572	1515.9652753
23	boeing	126.54028789	70	94.781230282	91.142068839	39.476298784	3.5949361476	2182.2207374
24	boeing	179.91591838	66	63.671165314	.	19.574699606	4.2867337712	873.4408921
25	boeing	112.90009528	53	98.180410862	99.135830727	28.152991316	3.9874712191	2586.6650864
26	boeing	56.64048966	66	72.953658239	.	36.154157217	4.3878559157	1205.1280251
27	boeing	86.828911312	62	91.714535792	92.874851912	28.773729478	3.3058880775	2313.3356963
28	boeing	157.35773231	57	72.327130778	.	26.223285332	4.2231807894	1105.3658522
29	boeing	186.68141397	49	66.417230464	.	44.692695788	4.1135438115	1176.0276765
30	boeing	140.23631155	65	118.74200471	119.40214631	19.856192215	4.6462659602	4217.1294518
31	boeing	130.46356358	52	116.71343434	117.65649967	36.195527446	3.8943524297	4240.0941825
32	boeing	142.15534911	46	39.769294325	.	39.655921061	4.5992872267	1030.457488
33	boeing	155.84557082	62	79.745315854	.	23.839448756	3.3959225955	1322.2129905
34	boeing	124.94457133	44	72.546668651	.	42.859879536	4.028501716	1321.1606709
35	boeing	98.695657877	71	69.750578737	.	50.623766494	3.9084929899	1426.4827722
36	boeing	93.528629974	61	90.331897645	90.111013336	42.408189952	4.4151279938	2259.8440485
37	boeing	228.17710591	78	61.220375598	.	21.772286622	4.5955283685	970.04651856
38	boeing	201.36958354	71	41.455692355	.	28.543870421	4.6031173258	763.699563
39	boeing	155.92906935	71	71.998171485	.	35.383504742	3.6403979244	1227.9001319
40	boeing	202.54627831	65	93.615201471	95.322444555	18.58645339	4.160108483	1987.8170111
41	boeing	155.62741778	66	64.946988369	.	27.0634843	4.4386388552	920.28626467

Obs	aircraft	duration	no_pasg	speed_ground	speed_air	height	pitch	distance
42	boeing	194.67245365	63	95.732907331	97.18505051	47.586622182	3.7321120105	2526.4748975
43	boeing	79.999309582	64	100.17254212	100.2606698	48.602824838	5.0558179864	2771.1312647
44	boeing	136.97552287	60	59.092128964	.	23.936206647	3.227014688	987.55977466
45	boeing	124.65932056	61	76.529795789	.	20.238480104	3.9437122363	1379.260881
46	boeing	119.70600605	63	67.969699235	.	27.862901056	3.6862217761	1237.473458
47	boeing	121.10832212	63	101.04739372	101.72213876	40.03855437	3.8998686693	2830.4376072
48	boeing	118.26426229	75	70.168245294	.	17.743340834	4.2669763429	830.71474719
49	boeing	122.18570855	65	70.256718159	.	19.97791367	4.2333790632	1160.8697017
50	boeing	204.44587388	66	80.725759835	.	46.84094597	4.4096600285	1995.4052035
51	boeing	176.37153647	71	62.216451257	.	43.937671249	5.3247470086	825.52229665
52	boeing	112.47343958	60	63.238252725	.	29.620479559	5.2258651627	832.51894862
53	boeing	196.27823416	67	78.664147734	.	46.591258417	4.15208631	1768.4739674
54	boeing	176.85391129	62	54.580212422	.	19.860379833	3.1467910951	669.11794366
55	boeing	247.21710205	57	73.313432826	.	20.343993391	3.8794887756	1217.3211669
56	boeing	211.1735825	59	61.525983966	.	15.390422594	3.7066521648	751.99314418
57	boeing	116.98454192	67	122.75656197	123.88257287	30.216568242	3.2137033407	4807.8798069
58	boeing	153.65742555	53	79.413854562	.	14.4479785	3.2463483541	1240.2804099
59	boeing	150.84109663	59	56.441314363	.	20.783114081	3.7320281536	731.33170479
60	boeing	283.76336844	62	58.889312381	.	4.2644634439	4.7721930401	425.85856098
61	boeing	183.29960065	56	60.225343326	.	36.486291546	4.4718126833	914.22410463
62	boeing	154.06174189	63	94.63080988	93.935280295	41.42337543	4.757852551	2342.7732419
63	boeing	135.16511647	57	85.580908071	.	42.128705594	3.3296046909	2123.800935
64	boeing	107.1201412	60	93.89933526	93.18623585	26.470877122	3.8504358681	2157.4188427
65	boeing	126.94651352	49	84.588609025	.	37.080439428	3.3443854922	1814.7887866
66	boeing	161.8924678	72	129.26491833	128.41773098	33.948998825	4.1399514138	5381.9588622
67	boeing	196.46411848	52	81.533090888	.	22.411979234	3.702074231	1587.3880099
68	boeing	130.94961924	76	44.732763125	.	32.782994552	4.861881592	874.79864397
69	boeing	70.970581802	61	80.373077529	.	43.524704765	4.0629176801	1812.4313695
70	boeing	130.48884861	68	94.376620488	92.15345773	19.574380998	4.6365070329	1995.3655432
71	boeing	152.73119726	54	83.655266858	.	25.684334148	4.4463077911	1470.7842588
72	boeing	270.59594972	55	63.193085808	.	20.801467416	4.0098154916	829.07888581
73	boeing	97.76437201	49	66.192530367	.	47.715701656	3.6191908432	1595.1338347
74	boeing	175.08462089	64	52.493139102	.	-3.546252405	4.2132855404	581.38099947
75	boeing	130.4243533	60	111.88830909	110.20457764	10.255225364	4.5117260898	3164.4683553
76	boeing	139.21299054	72	49.509631704	.	30.856063054	4.249669131	827.42067444
77	boeing	165.88760768	60	49.168445223	.	28.206547549	3.8902037695	662.1715576
78	boeing	83.515006172	44	95.068731567	96.084198669	17.376660338	3.2011486815	2183.7983628
79	boeing	180.14354151	65	91.000271752	91.586051671	17.641253665	4.4079869843	1838.5676697
80	boeing	79.470818126	58	51.836297611	.	18.985617188	4.8265473561	676.18903827
81	boeing	218.02088213	61	98.206172066	96.033397859	24.531203641	4.3804647597	2149.5567186
82	boeing	71.573834716	52	46.965489789	.	48.836222177	3.7268981671	1136.0148411

Obs	aircraft	duration	no_pasg	speed_ground	speed_air	height	pitch	distance
83	boeing	146.38562216	47	90.354274819	.	14.114268518	4.0402550027	1593.0611271
84	boeing	133.5569265	72	94.271329242	92.877735531	33.046424149	3.785794946	2351.0709569
85	boeing	209.28129342	67	76.531843725	.	30.598791007	4.2369678091	1236.3788062
86	boeing	161.10514801	57	47.883210688	.	28.036760187	4.6915095248	745.65270838
87	boeing	162.45273186	49	57.65125066	.	30.305425419	3.9341591214	981.8893648
88	boeing	88.954538748	64	71.3450445	.	38.430396787	4.3078969167	1215.6919756
89	boeing	221.51726012	54	73.466804495	.	42.13800428	3.4653573854	1526.5588456
90	boeing	156.80568995	47	95.322576422	94.215160768	30.270100189	3.6451345759	2233.0489624
91	boeing	163.73992283	53	44.394275805	.	37.763521555	3.8154730289	996.87232711
92	boeing	17.375513046	63	63.57042961	.	28.406673108	3.9378640453	1032.4646189
93	boeing	212.94303494	61	29.227656382	.	23.349901124	4.3961881217	1076.855217
94	boeing	124.35337627	67	78.954218512	.	28.972879292	3.8124590751	1480.5722537
95	boeing	205.87361329	62	113.99630814	110.65991559	34.443424964	3.873845001	3405.3507059
96	boeing	161.80081696	59	72.609522005	.	58.08354481	3.670238783	1698.1840267
97	boeing	125.22795062	58	99.168593593	96.928013479	36.694347458	4.2271664232	2556.5952545
98	boeing	169.0856988	68	72.57166563	.	39.692058731	4.0733467334	1457.757668
99	boeing	153.78655205	58	109.53850934	109.38230052	12.990661148	3.9879573804	3188.2681596
100	boeing	178.71333071	51	70.480194088	.	7.5824945838	4.8167893156	822.2286414
101	boeing	108.34193403	58	108.1331095	108.50090006	42.952395762	4.6257015342	3545.2527766
102	boeing	130.41743052	52	71.681487926	.	9.688307724	3.7585464091	975.34125596
103	boeing	183.26407409	69	81.580248719	.	27.687387698	3.7522936228	1497.1677162
104	boeing	155.40920579	60	45.068897182	.	34.147519961	3.9058165344	1196.4554672
105	boeing	76.904519522	68	67.61028338	.	44.063655273	3.8282165895	1388.3696493
106	boeing	163.0853723	61	106.67585206	104.44715655	18.847637969	3.5094499278	2850.7059682
107	boeing	146.19877423	48	55.427606198	.	21.785707448	4.7511947442	777.33787486
108	boeing	151.8784165	57	91.508205537	90.50331792	17.087228104	3.6746103159	1780.1098288
109	boeing	141.93411511	46	27.735715303	.	24.400127629	4.3682093233	1323.7157777
110	boeing	124.24032001	66	82.634632474	.	18.261403443	4.2934084614	1515.1388493
111	boeing	112.31707003	74	79.257984189	.	37.19716518	4.3370030837	1158.8376732
112	boeing	135.03150721	61	84.889872444	.	15.021858736	5.9267842132	1668.2067647
113	boeing	139.38418182	54	84.095883702	.	37.317578277	3.8734612582	1853.9601925
114	boeing	158.78738396	66	56.008243425	.	36.596917427	4.1081461182	1098.846112
115	boeing	202.67409934	64	52.551834827	.	43.968696323	3.0689056845	1208.4958466
116	boeing	241.95006656	69	64.972102204	.	28.504682353	4.0682908219	1007.6988044
117	boeing	171.78949914	64	70.195990219	.	28.919946606	4.4969277745	1197.8216435
118	boeing	131.74744179	61	105.06367666	107.44169372	25.4439203	5.3106775155	3062.065008
119	boeing	124.78661104	68	106.12024007	104.13467735	42.895159857	4.0363220884	2924.840588
120	boeing	99.156873954	59	93.253559002	93.471079072	25.763979474	4.419371775	2047.6970209
121	boeing	198.37167722	58	65.275578745	.	24.898696811	4.3874356737	904.23482542
122	boeing	254.10529467	54	63.275914069	.	41.334169856	4.2581993926	1183.9204312
123	boeing	150.30399551	60	95.821777765	96.55237859	27.403567281	4.1152876349	2206.6753231

Obs	aircraft	duration	no_pasg	speed_ground	speed_air	height	pitch	distance
124	boeing	95.297732211	52	92.769372634	91.072495358	35.463228123	4.234651479	1960.400037
125	boeing	147.19561126	56	88.705121104	.	40.94901507	4.1270256473	1967.3586047
126	boeing	191.01846138	54	80.330398441	.	48.426731903	3.689757889	1809.4595873
127	boeing	213.77917717	73	57.426894092	.	48.868703509	4.1846317788	1154.4436143
128	boeing	150.39249011	46	112.10343544	111.43506922	19.7157721	4.5043931104	3479.1328084
129	boeing	223.39922115	59	42.799753094	.	34.552971375	5.2866300246	851.96217314
130	boeing	96.71237774	51	56.645400488	.	26.53804471	4.2228939729	1048.6182004
131	boeing	206.9495941	52	69.382166673	.	24.740341243	4.0279838777	1005.1180491
132	boeing	193.99574238	51	84.840923885	.	23.302265488	4.9566399591	1769.7810202
133	boeing	107.46733468	56	71.965448513	.	32.455027763	3.4805850946	1249.7348532
134	boeing	185.8033861	55	65.002039664	.	48.277120042	4.6626359629	1299.3556792
135	boeing	157.14442833	60	52.611914921	.	30.767435238	4.5920197594	825.47834166
136	boeing	121.45511452	69	61.607785041	.	22.779396611	3.3984599553	968.28934986
137	boeing	149.46417091	50	85.626544184	.	32.542946798	3.718828622	2046.0738518
138	boeing	120.35279744	62	76.972757606	.	12.353622855	4.8082857766	1071.7417433
139	boeing	170.7986135	65	52.272537849	.	29.594010453	3.285684557	1057.7080347
140	boeing	209.10634824	58	124.56986234	125.98691462	40.101121967	4.6484282637	5147.4101244
141	boeing	177.19269932	65	85.898635333	.	33.537263808	4.0276629705	1710.8614841
142	boeing	126.26121707	58	72.604057765	.	21.221140598	3.8824870511	971.07095954
143	boeing	175.15117145	69	55.37996773	.	54.27604275	4.6536409251	1125.8005423
144	boeing	179.98183168	54	41.204141157	.	35.729484049	4.9440403076	898.307233
145	boeing	65.695508337	64	92.645361475	94.735261406	23.529869193	5.2568314412	2022.7322942
146	boeing	127.99133129	59	114.29273489	113.86393738	25.46813856	5.13824264	3668.8878406
147	boeing	100.97739773	57	91.224131261	90.002858582	45.02439155	4.1036944046	2187.2345662
148	boeing	187.20999223	54	88.566727615	.	14.748572684	3.9418381552	2041.6723412
149	boeing	298.52233394	66	84.178974975	.	26.318128781	3.8396450566	1616.3556623
150	boeing	78.455662834	70	107.98595587	109.4581269	19.703120709	4.7621150325	3184.3263623
151	boeing	183.57495844	70	64.97459002	.	21.560439389	4.0209903588	822.93718811
152	boeing	129.92837141	51	84.349981219	.	23.855175656	4.6183945357	1671.1264651
153	boeing	217.92741983	59	96.373307457	97.103361808	29.911515767	4.5521477521	2217.8308897
154	boeing	94.432281552	59	86.377162961	.	39.08627076	4.1913777105	1943.1324846
155	boeing	114.76272432	49	107.13151958	107.51990264	25.200025499	4.6795028112	3011.3797378
156	boeing	211.70913731	68	71.936731773	.	22.523394485	4.8453101879	1288.8309812
157	boeing	78.24709997	72	76.999831013	.	13.801193211	4.2019377631	1273.6644967
158	boeing	139.85635751	63	69.494644709	.	24.573883721	4.6776772802	1033.7151598
159	boeing	111.00858296	62	62.717325735	.	27.458164185	4.6961506762	844.79555257
160	boeing	161.25144479	57	87.764686412	.	28.320499464	3.7766276074	1987.1538234
161	boeing	244.15892899	54	102.86233926	104.43770673	27.615829776	4.6752390451	2792.9711992
162	boeing	73.127692927	50	46.541887353	.	14.603086808	4.0817709211	731.2032589
163	boeing	249.42692332	59	62.68325229	.	39.918035172	4.4333088665	934.55241454
164	boeing	80.397000957	68	54.887859005	.	31.81778908	3.3117750552	1213.9258814

Obs	aircraft	duration	no_pasg	speed_ground	speed_air	height	pitch	distance
165	boeing	113.36295687	56	113.96402929	113.74609122	44.735463184	3.9379057702	4017.785457
166	boeing	119.92455279	64	136.65915832	136.42342138	44.286109179	4.1694037368	6309.9459762
167	boeing	197.1772966	58	113.88913724	113.44548322	33.455375847	4.2330578025	3785.6544181
168	boeing	97.085440418	61	78.188685016	.	28.01117552	4.4508307437	1341.1783075
169	boeing	120.82452974	57	102.05411758	101.33561417	20.834549966	3.9853692952	2498.8167045
170	boeing	222.70208536	52	39.725711308	.	33.265348033	4.4522817052	1037.914549
171	boeing	215.47668572	65	75.266954554	.	50.166097198	3.9182150647	1712.8382397
172	boeing	197.92261066	60	86.700138717	.	27.111513916	3.9743307104	1937.2562557
173	boeing	164.2297339	54	76.13164105	.	28.045195464	4.5754455924	1267.7619634
174	boeing	147.75443364	46	110.14590326	110.60412114	25.817052927	4.7258496052	3435.3918022
175	boeing	115.094687	63	79.927673217	.	19.554736677	4.6307186429	1067.8381154
176	boeing	287.00251573	53	91.399926159	93.343173573	26.329234721	4.6584345975	2020.2731572
177	boeing	156.84776593	57	83.544413145	.	27.608910033	3.9620061102	1566.2563323
178	boeing	139.41386506	61	93.273287999	93.496041217	21.128503656	4.1557370003	2191.3270511
179	boeing	211.08978276	54	89.950891045	91.119337499	33.658158206	4.2850288805	2110.2910317
180	boeing	154.99001709	66	108.99641883	108.36091041	15.538766161	4.5480278507	3097.0654015
181	boeing	128.93810992	79	106.93389135	108.42651323	30.457709156	4.8421492	3203.3188407
182	boeing	85.963580491	71	86.417904479	.	34.594584685	4.3960026472	1703.5054909
183	boeing	197.54635021	68	126.66918215	127.96414283	23.764231426	2.9931514463	5031.3863156
184	boeing	228.96326107	47	59.439028553	.	8.7268654925	4.0336203157	653.61609083
185	boeing	132.16475292	61	85.936194711	.	39.73510996	4.2757075985	1712.1068609
186	boeing	232.79385582	56	123.95687145	122.18668469	26.367547127	4.061951127	4483.8596367
187	boeing	154.19446968	66	107.05908552	108.17746968	27.407950767	4.2274190679	3158.8776668
188	boeing	117.22302611	60	66.457008779	.	28.242811748	4.0939414262	979.60127543
189	boeing	95.463778941	57	90.823243776	92.917699283	40.490463157	5.0059508826	2272.0974357
190	boeing	293.22996031	61	88.498576695	.	35.034204541	3.8609233149	2079.8514381
191	boeing	145.16618815	56	67.281121753	.	38.999617389	4.8029112865	1181.2480163
192	boeing	168.76056984	61	66.430878666	.	29.242010431	3.615376508	1163.3171085
193	boeing	154.28455045	66	62.083253452	.	22.658536982	4.6145885274	974.86323902
194	boeing	149.87049036	63	60.622375756	.	35.461665969	4.9469603055	1146.3771278
195	boeing	148.01383881	45	85.30664108	.	33.592811671	3.8580195191	1683.3057381
196	boeing	161.46087702	65	73.977879897	.	30.671884004	4.8764256488	1187.6768518
197	boeing	72.416768281	54	85.467591421	.	34.043887949	4.1820891826	1978.3114087
198	boeing	225.55508155	55	55.547211349	.	36.419841948	4.4902032507	1053.8265214
199	boeing	104.86600055	59	90.20736473	90.790709945	28.275039546	4.7233999816	1880.294666
200	boeing	107.33618321	64	99.020789307	97.330315822	32.890788957	4.3776848107	2405.907939
201	boeing	182.201019	61	104.29512563	103.09643628	32.659533615	3.8725587384	2689.1596942
202	boeing	143.33261546	68	33.822953314	.	37.680495945	4.0703468804	936.57807216
203	boeing	146.04337112	69	71.787305883	.	-1.528129182	4.1994604645	738.65436932
204	boeing	217.50312565	51	53.691922053	.	19.911567238	3.1126360731	984.42773287
205	boeing	147.03191592	76	63.597942325	.	36.489042355	4.4917734289	1051.9369604

Obs	aircraft	duration	no_pasg	speed_ground	speed_air	height	pitch	distance
206	boeing	114.25950947	61	90.009413195	.	39.0970712	4.621878456	2086.9756588
207	boeing	162.21217553	66	60.096269716	.	23.464759724	4.0191426633	781.26308512
208	boeing	190.94950044	53	100.58974916	98.339305566	18.835040835	4.4880834024	2164.521515
209	boeing	131.52086125	50	48.325200825	.	29.337217117	3.6212473892	967.46412609
210	boeing	272.03905778	59	118.92272448	120.39703516	15.049348509	4.1065723599	4279.567211
211	boeing	101.45247914	63	46.756897002	.	37.343151844	4.6860084868	847.65729247
212	boeing	121.61570253	62	59.32138735	.	35.286592667	3.6869802999	1083.3869491
213	boeing	172.56012205	77	82.29713755	.	44.758716354	4.2293090445	1809.27205
214	boeing	112.24050071	62	85.089021397	.	13.190910615	3.2579978206	1782.3672271
215	boeing	161.82569155	80	82.509055403	.	36.680194026	4.685310032	1590.3719225
216	boeing	206.16697017	58	104.6639371	104.70414385	38.214350307	5.0516233259	2930.2095004
217	boeing	117.02007338	49	54.729138547	.	26.061626528	4.4497617336	800.13464832
218	boeing	159.64040023	63	60.419115087	.	16.338199694	3.9430834445	858.41251225
219	boeing	137.72738084	48	57.901337428	.	30.587319813	3.5353349684	831.09478796
220	boeing	184.04178421	62	69.708148038	.	15.346686686	4.0447012735	1116.7582458
221	boeing	130.21784671	56	93.549331648	90.767999862	16.292893992	3.4617629884	1852.0009898
222	boeing	222.28989161	63	101.52330605	101.11892399	27.15831085	3.3603490103	2849.4570355
223	boeing	186.51093123	61	70.790388741	.	12.099622529	4.1539022458	959.13844683
224	boeing	159.8108131	69	86.315209607	.	33.823634214	4.5870484421	1898.7424838
225	boeing	194.84869379	50	64.458041102	.	34.548124805	4.6054192743	962.79014726
226	boeing	163.96367943	42	78.282488619	.	15.730271196	4.0579920873	1328.9854598
227	boeing	142.30606617	66	67.493137165	.	26.494345137	4.4931978296	1234.502056
228	boeing	191.12245642	56	42.019805613	.	43.876050312	3.4078226175	1089.0527095
229	boeing	193.51036702	50	63.262519	.	32.108376382	3.9039030111	1100.3514245
230	boeing	196.85627619	55	42.529714102	.	27.591837996	4.4852938434	872.57542081
231	boeing	159.85144077	61	107.30146063	105.91314482	15.326207274	4.2502577597	2652.802421
232	boeing	116.61255129	63	75.731579545	.	21.30956605	4.1517114895	875.78649863
233	boeing	158.16277689	72	74.833473963	.	26.186971031	3.9863265825	1449.0794019
234	boeing	219.72115595	76	88.103462433	.	42.085495821	4.6540097977	1927.0536775
235	boeing	217.27806787	57	74.018401179	.	41.381926848	4.85323642	1579.7571882
236	boeing	79.052818033	67	54.247896274	.	43.971026107	4.2873601424	1305.9245641
237	boeing	183.38305244	51	83.56114456	.	42.053935847	3.686819564	1826.7638815
238	boeing	133.45985625	73	57.045299494	.	1.2538552556	4.7153842391	371.27726086
239	boeing	212.95092162	57	79.336328816	.	55.093509149	4.7749364059	1817.3928658
240	boeing	71.750943009	56	55.791761883	.	25.806962591	4.2245522816	671.30322121
241	boeing	93.781362732	51	42.61322981	.	37.945696039	4.6342702819	1122.0329633
242	boeing	183.07118278	50	83.268372214	.	26.899228747	4.6010647985	1479.8423079
243	boeing	260.03401677	46	91.656696218	93.054834352	44.601461257	3.6923081945	2482.6563138
244	boeing	169.8441908	59	91.788491845	91.276914115	31.441320625	4.5534097219	2051.218761
245	boeing	136.32776148	52	38.259020081	.	28.338283561	3.9376315891	981.14796314
246	boeing	91.889837592	57	62.63738999	.	33.410929305	4.5781069971	1029.3427816

Obs	aircraft	duration	no_pasg	speed_ground	speed_air	height	pitch	distance
247	boeing	124.54353753	75	69.880248247	.	31.31135869	4.6879165411	1045.0302857
248	boeing	41.949369362	56	71.212825876	.	38.39864105	3.7230744201	1225.5124632
249	boeing	124.87990086	61	63.45721573	.	27.245171343	4.5134267082	1056.4603446
250	boeing	189.6629425	46	105.68599131	107.65427149	36.485676065	3.5484269617	3447.3615042
251	boeing	277.17600519	52	119.65393667	120.19232219	25.182762649	4.9342407496	4292.1675118
252	boeing	236.19293349	73	52.360449116	.	44.121081799	4.4970887384	1078.0988933
253	boeing	114.19371901	67	77.41822091	.	21.656204825	4.6306064817	1185.2280385
254	boeing	205.92344941	59	92.098290527	92.169032549	44.697091672	4.2340698038	2339.3841943
255	boeing	107.7317815	64	93.745994551	94.405765313	29.612945004	4.3002536259	2101.7677931
256	boeing	202.68865562	69	90.943892841	90.533348853	39.461284768	3.12582299	2191.1004111
257	boeing	96.941215455	70	94.030485628	94.520624439	23.594476567	4.1521190127	2135.7862958
258	boeing	164.23895215	59	113.02952089	113.17469225	38.348270296	3.2768351407	3913.2287255
259	boeing	130.16891519	77	55.086685785	.	38.032817792	4.0971206341	998.09700633
260	boeing	210.96192908	60	70.059553511	.	37.117297093	4.9136444842	1395.1404027
261	boeing	149.22417751	60	99.474191537	101.09511856	19.852903991	3.3027471997	2560.7610893
262	boeing	209.06467683	64	76.008046539	.	40.463849366	4.5143958108	1502.0667088
263	boeing	216.97429855	65	71.468178885	.	36.821184681	3.6548358754	1267.1146769
264	boeing	142.1380034	61	105.10045279	103.35311485	28.633773668	3.4542098688	3152.596502
265	boeing	158.56363888	63	77.858801342	.	32.430472277	3.993557164	1457.7579144
266	boeing	171.20478082	47	44.640038638	.	35.051784806	3.9109809065	993.18386593
267	boeing	151.30425348	59	88.956773778	.	12.870102639	4.5444191354	1669.5852914
268	boeing	175.29994853	62	89.533401642	90.476723723	39.563714404	4.1141180063	2196.4727211
269	boeing	209.67206752	48	76.515741847	.	41.40728351	4.1932644003	1398.2397027
270	boeing	127.22257688	59	107.61447636	107.87262235	31.388203556	4.5523263153	3133.3479229
271	boeing	160.32820416	66	87.887062402	.	19.450329278	4.8103006452	1543.387011
272	boeing	124.48006198	60	114.48071659	114.69029121	45.077666293	4.3341369227	3873.0956584
273	boeing	228.88024339	58	72.775165291	.	44.697612488	3.9699836905	1570.3399227
274	boeing	168.65750283	56	80.921310624	.	59.945963938	3.9520262499	1936.0136293
275	boeing	218.77717679	65	88.986193794	.	22.930162046	3.4812327746	1770.9247699
276	boeing	109.45172219	66	117.64059121	112.26495489	35.910035823	4.0582181528	3741.0677162
277	boeing	134.82969458	60	73.837974102	.	32.782971127	4.0714235456	1260.6116333
278	boeing	233.42754222	65	92.489290879	94.524363884	20.912576869	3.9408686151	2104.0896845
279	boeing	131.23242146	62	79.621876063	.	32.944483412	5.0704365136	1510.2127075
280	boeing	115.39520555	66	65.539878656	.	33.849552954	4.2345371732	962.60912362
281	boeing	105.57835252	56	86.838613713	.	17.785754829	3.6125019702	1723.7486077
282	boeing	198.37390585	52	69.097979803	.	35.271396162	3.7346212547	1111.7933647
283	boeing	177.26527713	44	70.014674739	.	22.164163332	5.0506430012	944.2389353
284	boeing	176.3055956	64	65.813679598	.	21.678952588	4.8844598595	690.00147828
285	boeing	157.78543241	60	79.415523264	.	50.840300316	4.2830001144	1960.4303783
286	boeing	64.155530488	68	75.592310962	.	32.965842152	4.0631509072	1230.9919301
287	boeing	166.660164	56	82.225871665	.	18.964776414	5.0340665082	1338.4679955

Obs	aircraft	duration	no_pasg	speed_ground	speed_air	height	pitch	distance
288	boeing	56.55062968	48	84.551886154	.	26.393957229	4.8816392442	1531.6355717
289	boeing	176.54251382	55	69.899813333	.	11.990372995	4.4587491703	812.22299178
290	boeing	148.48487906	55	68.774979774	.	20.505335501	3.3663786573	1191.9397318
291	boeing	148.43733516	65	53.539999416	.	30.158679965	3.5657235226	1024.0947953
292	boeing	71.877046469	50	40.676738571	.	39.550442157	4.1852995438	974.57210835
293	boeing	92.336070812	61	54.031347709	.	14.564305239	4.6681266852	770.64221651
294	boeing	169.83634839	63	93.985111905	96.262416093	29.633598821	4.4709418013	2444.5285886
295	boeing	106.51409405	64	92.885912601	92.645789262	20.38614078	4.1174070392	1977.1171934
296	boeing	79.705863144	75	106.7461226	106.73317595	18.346201583	4.8074017332	2785.855295
297	boeing	99.996683661	63	77.982229864	.	48.740966578	3.6365363239	1655.6344147
298	boeing	150.17368779	67	84.187423913	.	40.757234893	3.9228883057	2065.3054444
299	boeing	86.580598274	55	80.390888645	.	37.014301824	3.6518541525	1426.5078042
300	boeing	152.57631192	60	101.44035041	101.69322587	23.452540302	3.6532967648	2740.8022741
301	boeing	174.60689592	48	100.27342608	98.716047714	25.320301802	4.1610579048	2503.7000627
302	boeing	155.00792518	43	92.130909422	93.675816291	35.186988882	3.6908539437	2370.007204
303	boeing	105.9719547	53	64.193536196	.	30.29964051	3.8127964757	1053.6333364
304	boeing	242.43576866	64	74.216337616	.	22.226794163	4.0706159357	1338.2618248
305	boeing	168.23013919	74	86.852747395	.	16.894461754	3.8308960194	1725.3804918
306	boeing	14.764207145	59	108.29169029	109.32758442	46.930873666	4.8096217396	3645.6110025
307	boeing	109.27706634	69	79.733130819	.	31.058767956	4.2819840946	1500.7053475
308	boeing	203.89582605	63	46.036109985	.	26.587750664	4.227021402	929.68761249
309	boeing	136.95959804	57	95.227816049	94.203632315	22.603041623	4.1321979588	2270.0536553
310	boeing	190.74568278	60	89.802950086	.	26.561001773	4.5145707487	1829.2372134
311	boeing	126.29533449	69	74.373046613	.	49.039576609	4.8344648639	1548.6903581
312	boeing	193.49660053	55	56.914846281	.	33.286273678	4.0174909548	969.95936346
313	boeing	180.64114727	67	55.827468142	.	41.048663032	4.1218284135	1101.4343544
314	boeing	200.4484551	58	54.591785888	.	30.365906105	4.4405907577	925.38573072
315	boeing	204.13798129	61	86.487372948	.	35.017471899	3.6675272069	1935.0727134
316	boeing	161.10734359	49	80.130144171	.	31.190275265	4.8073484416	1361.9103755
317	boeing	154.52460358	67	129.30718407	127.59332059	23.978496799	5.1546989117	5058.4695164
318	boeing	89.358081787	55	111.20254724	110.68407583	41.852413182	3.8616434264	3698.1257979
319	boeing	195.28768108	52	111.12792844	109.8216216	28.883346002	4.766634547	3439.7254669
320	boeing	163.78758153	55	82.559399461	.	37.122437211	3.5971706577	1813.8426449
321	boeing	247.98401016	52	62.90034686	.	42.127629148	4.8356172109	1021.992946
322	boeing	142.67963078	64	43.34610704	.	37.364530578	5.0860877182	807.79667272
323	boeing	99.102933856	47	73.85437083	.	18.779687337	4.9150242402	1352.959628
324	boeing	151.45816901	56	41.610329524	.	25.010603482	4.6123785855	735.79917826
325	boeing	106.63723793	66	64.892926797	.	29.439950209	5.0174729326	924.10287374
326	boeing	122.76726937	60	64.418664168	.	39.039369038	4.4068108589	966.90679057
327	boeing	133.76501239	52	80.419749959	.	11.974067057	4.2529531989	1200.935888
328	boeing	70.973088175	55	58.893753411	.	26.034925195	4.3139729914	987.78832224

Obs	aircraft	duration	no_pasg	speed_ground	speed_air	height	pitch	distance
329	boeing	75.012761732	60	99.378685634	99.944509978	33.945667089	4.3961857413	2578.2376602
330	boeing	126.32374545	65	65.885329556	.	19.600003056	4.68790103	846.18064214
331	boeing	117.31914798	58	67.051323577	.	34.301590058	3.9585681414	1174.7516579
332	boeing	206.06572604	44	61.847975974	.	26.939627352	3.9372737398	896.58091126
333	boeing	211.17454032	51	65.104876757	.	27.033533644	4.4171773513	980.45281693
334	boeing	211.88872874	48	43.174799431	.	34.918422109	4.025280804	1057.1531205
335	boeing	131.03064082	54	69.741407968	.	37.513591055	4.2882663909	1387.7685206
336	boeing	204.95500718	64	95.677542179	99.112603039	41.444766094	4.777534014	2718.4297538
337	boeing	167.61572481	56	110.9901105	109.75178909	58.081789646	4.495264388	3723.0547528
338	boeing	123.18642614	63	73.875179495	.	47.166641873	4.4351506589	1394.5303247
339	boeing	166.10453073	48	116.59249189	118.0114174	13.26323991	3.1339588754	4129.0422604
340	boeing	102.4198377	66	104.03291094	102.84676339	27.83361523	4.8609660183	2637.5324359
341	boeing	79.275891735	55	90.253814593	90.367403727	40.279043115	3.9460448944	2001.0544269
342	boeing	164.10389844	58	71.182374599	.	35.058268309	3.958377908	1310.6038052
343	boeing	124.71064101	64	72.261225036	.	36.318371962	4.1729147394	1105.2467122
344	boeing	197.87679359	59	88.687580311	90.730473056	38.027848737	5.1184227803	2073.1551564
345	boeing	159.22116836	29	62.699670618	.	27.145647213	3.6351738156	1016.9505364
346	boeing	176.25512589	60	93.067211203	94.970196297	35.551603936	5.1171174536	2238.3595351
347	boeing	126.04011666	57	105.71922152	105.10447842	37.325699826	4.0600509244	2984.0236879
348	boeing	186.22325748	60	83.244098511	.	36.093865853	4.6160035246	1771.622268
349	boeing	99.193858446	60	119.67749254	123.04933242	27.558024612	3.6405647359	4455.647775
350	boeing	192.181773	67	34.30363513	.	30.138274703	4.4995089168	1001.0805665
351	boeing	146.34521506	53	84.943445968	.	24.874630657	3.8893269176	1658.969957
352	boeing	149.691087	69	64.955268633	.	22.237313329	4.1067786558	786.60967241
353	boeing	72.504936019	60	93.144745365	91.586299119	28.311008354	4.729995759	2072.9072803
354	boeing	163.6083374	60	97.502719317	99.433906835	34.082266727	4.7375418354	2652.9561067
355	boeing	194.4671661	82	40.815188666	.	22.618444074	4.8765952309	761.4850777
356	boeing	226.57166739	68	50.859254878	.	31.058966163	4.122637666	840.54299274
357	boeing	172.67372471	60	78.769326803	.	20.220167757	4.4195736944	1195.942141
358	boeing	157.8087398	64	78.847250691	.	19.141129477	4.2602449396	1435.9245683
359	boeing	128.88756525	63	102.54306508	104.6244013	28.788569072	4.7041655355	2774.4541623
360	boeing	87.736413994	67	92.400239648	92.425135006	34.107757421	4.3353530907	2144.5845633
361	boeing	224.74612525	59	91.222070101	92.752576407	31.3636825	4.2546536804	2174.6991646
362	boeing	121.93411774	52	99.853089005	100.66155809	17.884147663	4.6385660147	2478.60892
363	boeing	129.41473997	63	85.544839926	.	25.43492914	4.3986300351	1679.7391011
364	boeing	84.296505847	65	34.11776613	.	35.266706534	4.2902689148	1198.0892035
365	boeing	193.72628552	61	91.511512961	93.207775371	29.836884637	4.0703219951	2186.6221289
366	boeing	201.8908613	52	81.552420657	.	25.600201778	4.1334046688	1646.6971512
367	boeing	172.44293471	63	74.831847823	.	22.166635809	4.3234192828	1176.1244463
368	boeing	31.391008253	51	98.219800666	99.057514589	52.473140903	4.1623371208	2808.3151244
369	boeing	92.450287837	49	101.5435039	101.84980019	18.169394071	4.8226833856	2573.0532475

Obs	aircraft	duration	no_pasg	speed_ground	speed_air	height	pitch	distance
370	boeing	106.10804784	69	97.174871746	98.637718197	38.441153122	3.5773087522	2628.5363159
371	boeing	158.4190187	62	65.642893609	.	26.96473354	3.4595436201	1154.2199175
372	boeing	146.54974486	53	58.288973718	.	27.968682076	4.3118895338	919.04747904
373	boeing	63.32952055	52	132.78467664	132.9114649	18.177030219	4.1106642414	5343.2009539
374	boeing	124.37864547	72	60.367043725	.	3.7889195211	3.7060888319	641.59956822
375	boeing	213.98450886	49	80.394057703	.	16.962413199	4.0980200281	1531.2870582
376	boeing	173.75152907	70	68.462817944	.	35.027645688	4.9566852937	1098.2848748
377	boeing	141.64645173	54	64.99673603	.	12.720887595	4.3681656285	960.18473411
378	boeing	119.64402906	68	70.178463873	.	2.2051944554	3.7397746803	816.20664104
379	boeing	84.368450612	51	75.116022418	.	34.879568015	3.9307575129	1270.3031785
380	boeing	146.18126345	59	65.334357647	.	32.666905195	4.4053438458	968.43681985
381	boeing	147.99216651	59	80.992495294	.	21.705147966	3.3636279418	1485.5412586
382	boeing	177.62133285	49	65.570869498	.	8.8251728965	3.6673684977	839.26516938
383	boeing	192.27232801	64	71.753544367	.	15.870447594	4.4654794397	920.71562998
384	boeing	136.64928054	50	61.202449961	.	28.405156035	3.9999589106	1123.4040619
385	boeing	160.33576673	63	78.270298206	.	32.732115723	3.9023897774	1346.5410738
386	boeing	233.43123856	68	34.222063657	.	28.629155926	4.7888425657	955.9096666
387	boeing	168.63061318	70	77.535257271	.	21.047219906	4.2192924831	1375.0200626
388	boeing	94.319896766	66	83.635110177	.	23.466406143	3.5487071321	1499.7242663
389	boeing	164.77436392	67	53.113984349	.	27.920433284	4.3227229045	819.23600163
390	boeing	130.75025897	61	65.760129141	.	28.666938655	4.4815795592	893.57795417
391	boeing	142.42032129	59	80.433449799	.	19.787504785	4.016768468	1445.8652618
392	boeing	183.95750281	63	45.857193744	.	39.804470778	3.96076458	1050.550585
393	boeing	147.90533612	64	90.499523559	.	31.401174198	4.3570430756	1853.9479702
394	boeing	134.21929344	58	43.124453971	.	36.98798361	3.8493425417	977.3980544
395	boeing	137.92287323	54	47.148822575	.	46.42619482	5.1183234022	1128.968076
396	boeing	99.681502958	61	121.83713667	120.95340518	33.184596582	3.8674761307	4427.670764
397	boeing	68.201536698	63	67.955636835	.	39.479483513	4.7795649622	1344.3403491
398	boeing	83.512569699	67	78.625488084	.	17.342190802	3.8634086267	1104.404226
399	boeing	212.29018	46	89.533713205	90.626181428	35.494742904	4.0010380484	2148.1079287
400	boeing	153.8344532	61	126.83927854	126.11864818	20.547833848	4.3345575101	4736.6045811
401	airbus	132.46942492	80	100.01055305	100.891677	41.033010684	4.2975016214	2554.8330623
402	airbus	109.19713407	43	82.483044979	.	30.140024889	4.0896284195	1321.0000654
403	airbus	93.952926911	58	96.878686347	98.085883143	29.178095121	3.967524021	2008.2207232
404	airbus	45.635423091	60	93.793862117	.	42.830935448	4.271324799	2003.4386496
405	airbus	99.148062915	63	97.096913917	96.913737767	33.144245658	3.5162975656	2060.1694249
406	airbus	199.43713308	69	58.10907688	.	24.20102213	3.6341657268	418.01946274
407	airbus	141.96833358	63	85.849362338	.	46.468182053	3.4015527555	1492.6717204
408	airbus	203.13135186	55	90.261004686	.	42.318923044	3.2745717105	1446.8557482
409	airbus	199.79840009	55	61.712054098	.	34.976545351	4.0805575423	643.85634155
410	airbus	112.87149908	60	104.45540038	103.6715358	23.783587114	3.9026553246	2488.9984842

<b>Obs</b>	<b>aircraft</b>	<b>duration</b>	<b>no_pasg</b>	<b>speed_ground</b>	<b>speed_air</b>	<b>height</b>	<b>pitch</b>	<b>distance</b>
411	airbus	148.49500413	53	99.874522521	98.724063607	39.520425649	3.9041206536	2404.7430929
412	airbus	89.075548734	57	74.212201979	.	25.747432194	3.6751924109	852.77611439
413	airbus	109.79101574	50	85.88079228	.	33.466314922	3.462927709	1408.5685921
414	airbus	209.19366153	54	50.812930767	.	38.841316346	4.0338980996	566.92692802
415	airbus	143.52069259	66	78.580289917	.	33.75012614	2.2844801423	1011.337258
416	airbus	147.81402601	60	84.685046724	.	45.643491432	3.6631635685	1454.2976548
417	airbus	217.12308376	66	94.81425838	97.631341718	33.058365517	3.8235547791	2017.6011486
418	airbus	142.46940356	66	63.918959665	.	30.153465712	3.0650903012	428.99182821
419	airbus	99.019165671	56	91.236709563	.	15.59892741	3.3688761342	1450.5750216
420	airbus	198.8694626	58	61.127025526	.	22.51924496	3.4452935393	397.54283343
421	airbus	131.73109556	60	131.03518222	131.3379485	28.277965541	3.6601936464	4896.2946083
422	airbus	274.21773493	65	84.136858635	.	28.401059676	3.593594411	944.66620396
423	airbus	160.39281504	55	103.27582495	105.18709549	54.198540346	3.95212311	2837.0808498
424	airbus	79.343951801	64	92.534347718	.	22.228410408	3.5995757116	1816.9775926
425	airbus	87.345969963	59	87.926511371	.	28.790896161	4.011354326	1555.4007483
426	airbus	139.57506186	63	95.678142486	.	31.647087969	3.6392855138	1819.5924417
427	airbus	103.65986342	50	83.438769115	.	24.597065289	3.901858534	1251.4264528
428	airbus	137.15453851	52	89.059591972	.	44.76431669	3.7453441515	1528.0260504
429	airbus	205.36417552	56	91.46226196	.	19.369632123	3.3789629781	1658.4610518
430	airbus	122.73330136	68	94.351548777	97.566738197	45.457865547	4.211725648	2376.8009789
431	airbus	179.99562817	66	57.243835228	.	35.325529113	3.0665057372	383.57772124
432	airbus	149.61801294	73	91.580940675	.	30.855544327	3.2691048765	1457.0479014
433	airbus	182.88208717	76	66.331552053	.	30.280571581	3.4677718628	616.14738739
434	airbus	117.7405601	59	47.679801523	.	28.606492697	3.7520465798	406.08928283
435	airbus	123.30242152	41	97.568203986	96.978436701	38.409192953	3.5322719834	2167.7576915
436	airbus	213.6404677	63	84.914206697	.	36.431090015	4.1769917214	1829.1616467
437	airbus	45.502778921	58	107.28766839	105.68511992	21.833564348	3.3998185919	2542.3356261
438	airbus	241.45247872	73	77.967591306	.	28.975526488	3.5296739196	1000.5871657
439	airbus	181.52206258	56	92.13143495	.	20.586568591	4.1758773479	1656.0636286
440	airbus	234.44331062	68	92.644631919	.	43.077414069	3.8622136718	1860.8023
441	airbus	145.22559464	53	74.364061268	.	27.90797072	3.8372800254	853.28081256
442	airbus	191.36156326	62	88.394240467	.	28.348755793	4.3624777487	1465.2593262
443	airbus	16.893454896	54	94.511052223	95.930926862	37.476967053	4.1733221259	2162.92737
444	airbus	91.137052503	51	81.952392127	.	27.503012962	3.5740085596	937.681381
445	airbus	113.37605039	52	98.891571993	100.52805637	33.573007382	3.5034607776	2169.6725734
446	airbus	192.31269901	52	79.411964275	.	40.213139667	3.7765509583	1216.2675925
447	airbus	247.49599004	66	100.75477196	100.83679396	19.028711072	3.1679780428	2123.1470877
448	airbus	237.40527671	48	53.774013118	.	28.260802216	3.1755295986	241.16096423
449	airbus	113.90561764	50	90.689554194	.	19.11775158	3.5775516573	1394.7117346
450	airbus	193.7999709	68	84.980483844	.	27.986606395	4.4952937942	1522.9603513
451	airbus	178.53721004	50	77.07920079	.	24.833682708	2.6895532686	880.80044898

Obs	aircraft	duration	no_pasg	speed_ground	speed_air	height	pitch	distance
452	airbus	203.25433498	53	81.27102299	.	26.163307183	4.1746185951	1141.4540114
453	airbus	193.12007702	59	96.196564169	98.116074155	42.307731844	3.6139143714	2330.9880709
454	airbus	137.80766769	63	69.123116925	.	31.151681226	4.0563936902	825.11172234
455	airbus	147.2498181	70	87.997429897	.	34.080792061	4.401251822	1467.7002939
456	airbus	217.73016541	61	77.054643337	.	28.868081225	3.7764205095	877.32754553
457	airbus	188.01797726	38	85.180842251	.	37.028793691	4.1216901717	1257.0092519
458	airbus	249.89360363	70	99.069709651	98.871419862	36.195843364	4.491129194	2268.7826989
459	airbus	175.13042298	58	66.943936292	.	40.523836608	3.9217502663	795.71340402
460	airbus	248.09939047	67	83.35184482	.	39.979702294	4.0038857407	1083.1791276
461	airbus	107.22690496	60	75.899770193	.	22.058367276	4.2319279347	778.16077498
462	airbus	162.78754971	74	95.509000539	.	37.350306237	3.8995015135	1685.3805567
463	airbus	216.87640251	45	91.618595738	.	38.324199382	4.7436314527	1967.6109937
464	airbus	31.7016661	61	76.354176433	.	30.991021813	2.8173796019	948.47376723
465	airbus	199.50580761	51	59.099825091	.	41.604002941	3.6405344238	562.16591975
466	airbus	108.72206895	64	99.817383459	100.30989703	16.215280593	4.314091631	2080.219501
467	airbus	188.91188031	65	71.642793788	.	27.367955169	3.3622425298	642.45461873
468	airbus	202.27604539	52	59.558781395	.	31.830496872	4.9226883242	650.3277785
469	airbus	145.1702721	67	109.61058292	107.31454298	27.894764076	4.2154127887	2781.7263302
470	airbus	223.95233137	56	99.325035899	99.397364536	36.782682861	3.1800709689	2059.5377377
471	airbus	215.14222119	61	76.358050779	.	34.755564291	4.6254327939	1085.8222616
472	airbus	123.18315223	63	106.92922516	106.7602536	26.927859592	3.2035138242	2770.4296167
473	airbus	77.464034164	66	103.31638732	98.129928636	20.116603599	4.3338350768	2167.2727688
474	airbus	184.34738048	70	73.009444126	.	31.024318401	3.9901546936	884.34821909
475	airbus	143.67595351	55	59.075014054	.	52.378560123	3.6504632942	817.11573622
476	airbus	125.27798747	50	71.071982782	.	39.221521095	4.2290416756	886.8887875
477	airbus	190.8336252	71	93.79901336	.	45.784826363	3.9702077249	2143.274116
478	airbus	173.36642408	62	92.304552545	.	19.239238533	3.3970755665	1451.3961532
479	airbus	181.70175046	48	79.793960442	.	34.532683072	3.76482161	1159.5466175
480	airbus	142.5876457	66	51.158228388	.	8.559069177	3.9134477851	242.59588646
481	airbus	208.87900668	56	53.888762395	.	23.496668191	4.0000159209	375.32596789
482	airbus	184.61819262	65	95.6169719	95.011364567	23.278395414	4.5655511197	1763.7710753
483	airbus	133.50735327	64	60.184574838	.	31.105525387	4.2692052208	512.84297813
484	airbus	54.218239897	57	63.421362974	.	42.949644516	4.5490103745	700.99462437
485	airbus	161.09215447	64	94.526255342	.	49.239984741	4.5063742177	2134.1932905
486	airbus	192.28287317	64	33.574104065	.	36.970689868	4.3584643374	782.7174172
487	airbus	103.09084673	73	92.994942381	.	-3.332387973	4.8305592948	1567.6657219
488	airbus	102.95333134	56	84.405488067	.	45.914274226	3.8022156168	1495.0519159
489	airbus	179.89848728	61	93.177328078	.	37.574963078	4.32476301	1938.5305461
490	airbus	168.79553003	47	92.907591785	95.762981617	23.784897183	3.9086740504	1955.3034911
491	airbus	171.43730605	55	86.77431193	.	25.915014895	3.9806762311	1188.1643934
492	airbus	140.41823982	61	100.08903805	100.5114311	35.489404508	3.5271737885	2369.0840379

Obs	aircraft	duration	no_pasg	speed_ground	speed_air	height	pitch	distance
493	airbus	186.19502668	60	82.492749703	.	38.180765115	2.8672552009	1143.1221818
494	airbus	139.63978211	57	64.355633516	.	41.315697708	2.6759851316	714.70839358
495	airbus	173.64083103	56	93.016459316	.	31.341393328	4.1090340499	1840.0530488
496	airbus	88.442268547	60	81.339923306	.	19.557890125	3.4329620233	1101.5591901
497	airbus	149.82084277	59	80.203284342	.	27.52090572	3.8292421286	1188.6214247
498	airbus	128.37336566	64	55.461625107	.	14.65127605	3.9792117538	180.56522534
499	airbus	149.69472624	54	80.502186071	.	38.38733031	4.6548987217	1153.8920383
500	airbus	206.55378907	77	76.457173777	.	31.918146708	3.8023203942	877.018871
501	airbus	188.92400256	61	72.880432107	.	49.080433362	3.8962081787	1133.5518485
502	airbus	92.648121883	53	55.161528539	.	30.167084359	4.472054571	623.00673298
503	airbus	104.77906956	59	55.027556032	.	51.781247914	4.4753745447	837.96815281
504	airbus	182.7116757	45	77.805502137	.	20.189958388	4.178015403	905.49788375
505	airbus	157.16728687	48	101.83850487	103.63497127	23.011621748	4.9429730633	2524.5676617
506	airbus	138.23492748	59	64.813671941	.	14.780336473	4.2209516551	402.93130074
507	airbus	165.49898233	75	56.981643421	.	40.385317066	4.3309997744	762.73376986
508	airbus	55.919444349	71	98.673302234	98.938700942	40.214749419	3.879809029	2189.9957286
509	airbus	104.60565852	56	57.991058844	.	33.545907029	4.1214769808	584.79546667
510	airbus	99.346535515	51	88.513433718	.	29.685719738	3.9239835975	1446.5732349
511	airbus	190.79170859	58	93.672281401	95.098821771	33.630978811	3.4592153332	2048.4941733
512	airbus	210.56817007	60	77.464115725	.	24.066692815	4.8369570565	1023.1046583
513	airbus	93.540807771	40	80.627416679	.	28.60255713	3.6234201886	1021.0888117
514	airbus	173.57275867	48	69.440266991	.	21.235704144	4.2349485846	860.43708392
515	airbus	164.87691136	55	81.165499033	.	32.277515471	3.5630868963	1176.5784616
516	airbus	207.39498223	73	104.70010613	107.78665842	9.6972160002	3.1724565811	2340.5827973
517	airbus	184.5313225	63	71.21070304	.	20.941129037	3.6300802089	615.76123718
518	airbus	109.544489	67	85.056320943	.	28.1756833	3.7633150125	1553.5002911
519	airbus	60.533644154	64	52.984126923	.	23.865002573	4.3227383141	487.46866562
520	airbus	130.37394533	76	72.344900099	.	32.485759069	4.2856179096	839.24564287
521	airbus	151.67842212	68	100.64166822	102.11014774	32.97737358	4.483191608	2454.2031721
522	airbus	112.07531863	58	76.771834829	.	25.947569997	3.4430247941	824.03883822
523	airbus	186.22429406	51	69.922522751	.	29.098408257	4.3884525678	1040.6159488
524	airbus	153.19968433	54	73.918352619	.	25.508432729	3.7307897043	807.34528517
525	airbus	214.72721394	65	114.64796613	114.16251635	35.640281516	3.800254855	3541.5777554
526	airbus	175.53311361	61	65.037084787	.	13.807590435	3.4948549953	280.80440304
527	airbus	176.45413738	68	67.759351477	.	44.616542275	3.7843972782	786.13954854
528	airbus	231.88117414	63	68.897746638	.	31.850023041	3.8115226275	764.03994751
529	airbus	182.44776305	66	52.70784152	.	24.302641153	4.1859666088	317.81268659
530	airbus	161.24369046	60	77.831631986	.	45.600473454	4.0316944091	1173.4058776
531	airbus	167.25061728	71	82.951178677	.	53.438618095	4.034663926	1484.9603318
532	airbus	188.3740487	53	88.896210095	.	22.913916375	4.003595751	1418.8042213
533	airbus	199.33501381	63	106.32542252	105.11006821	42.972776316	3.62633033	2762.4760516

Obs	aircraft	duration	no_pasg	speed_ground	speed_air	height	pitch	distance
534	airbus	115.38287235	70	56.843390553	.	41.061980861	3.503821944	754.78284838
535	airbus	156.95484942	55	87.508005458	.	30.620086067	3.592569656	1548.4738738
536	airbus	191.31092943	66	44.258483846	.	49.28774347	3.6971400614	901.40670443
537	airbus	162.52084082	62	74.91630489	.	14.399868335	3.1129303364	433.66000569
538	airbus	199.49519149	55	64.462028079	.	26.656286235	4.2943903167	767.761571
539	airbus	157.93753687	67	61.153699477	.	34.590458026	4.5923499389	867.00783196
540	airbus	199.91969175	48	109.30116236	109.55662817	33.066513954	4.0350502581	3177.1885419
541	airbus	203.32103587	50	64.658141026	.	35.122301566	3.5884171024	789.54314456
542	airbus	250.58170358	74	73.197580615	.	45.397326099	3.8514883195	1013.301747
543	airbus	157.91497689	68	56.497986661	.	-0.067758596	4.6928768405	380.36298195
544	airbus	127.22893936	61	79.625978745	.	32.896377007	3.7480779519	1059.545819
545	airbus	140.69948077	60	75.939639734	.	16.330513276	4.4329903211	990.14581436
546	airbus	139.31381028	44	99.596841547	99.160266345	35.187030092	3.8402667146	2116.080919
547	airbus	50.051166433	63	55.959266842	.	39.208149657	3.7037746143	833.57494765
548	airbus	114.09497787	56	86.05356781	.	28.551075775	3.9805055926	1392.42027
549	airbus	84.375146328	49	112.18972025	112.19018323	30.202558867	4.7533844954	3313.0672207
550	airbus	166.046929	56	84.914977191	.	38.035678767	3.6712712954	1218.7020751
551	airbus	185.4025176	87	92.12527293	.	45.093607704	3.4182713652	1826.8010013
552	airbus	184.67446394	60	88.800573731	.	20.822805292	4.0876835646	1366.4055772
553	airbus	114.89625409	58	75.882613527	.	46.159876097	5.0373832323	1178.6022137
554	airbus	150.03039205	67	87.571644271	.	17.538249231	3.022594749	1219.6239018
555	airbus	203.4089821	57	80.019391771	.	31.882027194	4.4526464074	1155.989184
556	airbus	177.25964923	63	98.593618452	97.483929892	22.1261515	3.4315594368	1899.7084278
557	airbus	273.59111286	62	76.185916842	.	19.269834574	4.102909108	789.14106847
558	airbus	177.21763924	67	90.672604544	.	30.354887662	3.713248994	1638.1159898
559	airbus	199.57946105	71	81.55425377	.	30.047990166	3.838942736	1264.9324287
560	airbus	192.58242214	60	110.40812301	110.03857243	39.817280966	2.8261841488	2919.5793129
561	airbus	173.77141498	65	94.741799868	95.28744661	38.731918151	3.1587029959	1882.9412491
562	airbus	188.40822529	56	65.938683894	.	32.01528619	4.1378851024	816.22211434
563	airbus	176.0848911	58	88.013418879	.	16.69810206	4.0698994981	1380.2737237
564	airbus	111.21465285	65	68.363998888	.	47.389318473	3.3134152585	969.5455753
565	airbus	177.19166302	69	92.808986814	.	29.646414652	4.1643874773	1960.4768127
566	airbus	140.49315132	61	92.386358809	.	19.293455316	4.050724597	1714.8999963
567	airbus	158.53503015	62	118.51897858	117.65423338	25.785069143	3.5236553234	3469.1467667
568	airbus	156.43617624	72	81.747186874	.	36.077106783	3.7321213369	1125.9695372
569	airbus	221.59245844	48	76.36854228	.	19.395151702	4.8736423429	932.57187751
570	airbus	199.92116031	53	58.566400441	.	35.200959218	3.0643097132	634.09099305
571	airbus	106.81927691	77	63.222207811	.	34.759322047	3.915841151	656.18695658
572	airbus	289.3204932	55	81.69133242	.	12.315795866	3.7213188282	829.18639204
573	airbus	179.19419379	52	87.937967052	.	18.546478714	3.8740639381	1243.0345555
574	airbus	182.26711081	60	89.708775052	.	32.738775306	3.3353309955	1479.4334321

Obs	aircraft	duration	no_pasg	speed_ground	speed_air	height	pitch	distance
575	airbus	180.34832004	61	59.151548819	.	27.880038685	3.2393236004	475.15489957
576	airbus	94.828574047	49	86.483225907	.	29.289251818	3.7811259878	1555.5259125
577	airbus	145.77939481	52	111.67391785	111.33236229	36.042802888	3.5149833541	3311.8369585
578	airbus	207.10845238	64	83.001262933	.	19.737765051	4.4728465723	1116.5588173
579	airbus	149.20859096	66	63.817889502	.	11.238021337	3.6038718062	370.47074159
580	airbus	128.58715752	62	86.239504411	.	10.753780476	4.1132082314	1158.5891786
581	airbus	163.52364053	62	72.028024252	.	0.086105484	3.6220566648	537.91958189
582	airbus	61.206765842	63	76.03590209	.	27.951556914	3.7980803334	1296.7672543
583	airbus	96.765375204	82	90.744313306	.	33.024489327	3.545556835	1811.98402
584	airbus	142.06310851	70	74.891135811	.	32.800413715	3.0168055842	811.32244384
585	airbus	224.05188771	67	96.439482423	.	29.385842916	3.4550924019	1728.491126
586	airbus	194.68890207	61	113.81884043	113.57055032	33.46677406	3.6310323774	3296.3649527
587	airbus	190.76839447	60	74.515777176	.	44.463104189	3.7635014625	1122.1889389
588	airbus	144.82917518	53	88.205923249	.	27.990951956	3.0909603835	1259.1737588
589	airbus	150.94674427	58	66.421119468	.	-2.915335901	3.1225583646	34.080783293
590	airbus	157.97520717	56	109.18164733	108.23198533	21.249104902	3.2623478916	2810.6957638
591	airbus	171.37069895	57	85.849256878	.	41.867801808	3.5766081513	1715.5280458
592	airbus	183.61849925	69	53.539242523	.	31.739422907	3.5237749131	349.15851648
593	airbus	163.2311892	64	56.318804267	.	28.374443959	3.2621400251	479.57538743
594	airbus	105.13901375	53	60.006184622	.	35.912417951	3.923337806	561.27232211
595	airbus	49.012114646	53	82.707838093	.	27.06233505	4.2487368492	1312.6682914
596	airbus	201.18798178	54	99.017401284	98.221920891	39.319647422	4.3935253271	2481.2581248
597	airbus	212.05403613	63	51.587044527	.	20.451285811	3.063686215	133.08690985
598	airbus	196.03011465	59	85.687131792	.	6.2275177523	3.778378927	976.43368542
599	airbus	132.14387992	70	90.181873333	.	23.844478547	4.2333301803	1539.6855207
600	airbus	189.58108915	58	61.003914242	.	37.350258765	3.2977337571	498.76801332
601	airbus	162.31295341	55	78.70704989	.	31.43974554	3.4065347494	1138.9424385
602	airbus	178.33695177	55	87.015958489	.	38.194662335	4.355065854	1693.4027056
603	airbus	156.4574255	59	72.591244009	.	14.082627958	3.7352438518	408.97922734
604	airbus	144.82275142	65	92.587111717	.	20.58854013	3.1980327283	1710.3486626
605	airbus	91.651572269	76	89.539601126	.	47.598805099	4.298323337	1862.5550085
606	airbus	98.992616536	65	66.226605716	.	31.51566151	4.2386850823	587.1886723
607	airbus	100.08624587	49	73.47329101	.	33.857396706	3.4675514514	892.02278261
608	airbus	119.51313707	75	82.099356333	.	39.809531294	2.779053526	1186.6764296
609	airbus	119.43615232	54	89.776678607	.	28.42870425	3.93559002	1285.5472568
610	airbus	253.72768469	53	67.726377103	.	28.100904032	4.8166027921	714.5146546
611	airbus	156.18873822	59	76.167385231	.	51.166565601	3.2580851913	1198.9391186
612	airbus	201.66902084	52	75.801424413	.	38.404360138	3.1195493137	1051.5697597
613	airbus	117.44478593	60	77.927433723	.	18.992128882	4.1218602023	779.89722901
614	airbus	150.55059412	69	67.817422299	.	41.12151685	4.20268539	925.67840608
615	airbus	121.91996388	65	108.14498347	106.7040008	21.444463325	3.3553673082	2435.824509

Obs	aircraft	duration	no_pasg	speed_ground	speed_air	height	pitch	distance
616	airbus	122.73194165	64	67.915050929	.	34.477029282	3.9226490939	776.2641861
617	airbus	190.7394255	77	47.882117055	.	14.835964361	2.7322842836	41.722312733
618	airbus	95.847324908	62	96.922695596	99.836951088	21.418855429	3.8448922111	2093.9965956
619	airbus	149.33130581	62	98.727521174	98.147932276	16.09713944	4.3182462482	1885.7456024
620	airbus	198.36833627	56	85.734433148	.	49.272552969	4.4426012633	1712.6251245
621	airbus	191.42501689	66	98.263990989	99.960634468	45.148966751	4.3938999096	2640.3788446
622	airbus	155.98658138	64	86.025136467	.	41.656116852	3.7216443692	1598.20407
623	airbus	93.0636244	59	72.926186342	.	22.458637482	4.1646025706	853.03434442
624	airbus	137.85119675	61	76.095669177	.	25.085483607	3.2348739516	691.69135707
625	airbus	111.87790418	62	68.193847243	.	31.787292733	4.3582512208	709.55964462
626	airbus	152.55802286	67	75.56452452	.	48.517402547	3.5055706483	978.87284361
627	airbus	217.83662289	68	77.667039183	.	35.216988432	3.1762084946	1070.815564
628	airbus	202.10909397	53	76.334805748	.	50.745931362	3.5419962833	1052.6915505
629	airbus	187.5293351	70	74.599009876	.	17.904767708	4.6306135193	892.98397432
630	airbus	216.55809748	69	59.851661953	.	28.24462139	3.4294862595	758.98725696
631	airbus	214.22048507	45	72.490616757	.	33.228125197	4.3693164876	748.7667918
632	airbus	188.78452894	58	81.228627166	.	29.024507225	2.671331652	978.59385588
633	airbus	94.595394045	62	63.618755012	.	31.619173639	3.6040687475	574.17385128
634	airbus	196.97561802	54	79.152671368	.	13.662179662	3.9400319361	813.23440402
635	airbus	151.38933879	59	69.475216422	.	24.969280868	3.8187750112	690.51952193
636	airbus	169.74937522	65	43.923555127	.	43.050770801	3.365143744	735.82341111
637	airbus	214.78506113	59	56.285225619	.	19.097947487	3.9151278527	321.51632716
638	airbus	115.86922387	45	86.875879978	.	34.838071106	3.7997683715	1262.1538907
639	airbus	81.884786871	63	70.803896284	.	36.422431065	3.6065243406	816.95898301
640	airbus	140.67120141	48	120.45475566	118.67260401	30.351506953	4.3710717196	3891.4718916
641	airbus	204.5643728	69	76.614822894	.	11.472293317	3.2632435552	636.74137583
642	airbus	100.25307248	61	41.100991383	.	34.563941861	3.490938919	668.93320023
643	airbus	305.62171072	55	75.506844221	.	18.82215165	3.4320514587	748.17078336
644	airbus	197.97505745	61	69.865454682	.	31.209203849	4.0750833197	767.92667699
645	airbus	58.973877842	62	88.66267132	.	16.224468166	2.8296991893	1359.840654
646	airbus	119.63145772	68	66.361535504	.	34.624978263	4.024319476	883.59894001
647	airbus	156.10258603	63	67.876504543	.	31.007159707	3.8732780529	637.64811557
648	airbus	128.68794104	56	43.852805379	.	34.114558593	3.3125782438	554.0661689
649	airbus	170.42197717	56	89.870059308	.	46.858792888	3.650835863	1734.3315551
650	airbus	256.15695287	63	73.143910488	.	37.064138292	4.6485208655	1242.8400471
651	airbus	211.25416558	56	74.337393872	.	11.516139597	2.7990204762	485.19472704
652	airbus	160.84157691	48	87.551468843	.	28.545582924	4.4229830982	1410.1890375
653	airbus	220.30836516	57	101.13020479	101.80642908	32.952280102	4.1591918068	2461.9879135
654	airbus	176.41722404	56	81.224052109	.	28.478307593	4.1902077139	1134.8806867
655	airbus	160.31996258	74	77.64145513	.	27.197062658	4.6999622915	863.79800854
656	airbus	199.50282008	72	58.512146812	.	38.590930739	3.5470466288	432.73222589

Obs	aircraft	duration	no_pasg	speed_ground	speed_air	height	pitch	distance
657	airbus	195.66108684	61	72.629132783	.	24.362144258	3.6399453721	714.32599432
658	airbus	148.44727207	64	84.34088335	.	11.671763822	3.3398414652	1085.4841354
659	airbus	157.87421465	69	63.311560067	.	41.290286144	4.0134365838	698.48281232
660	airbus	111.18511926	52	74.929003615	.	31.603274066	4.6283872708	1046.1643877
661	airbus	91.305749532	53	86.356289075	.	27.529003473	3.8625613819	1381.5602004
662	airbus	137.58572784	66	126.24430054	127.93710766	35.175701305	2.7019236952	4795.6357056
663	airbus	110.83592704	71	78.043273673	.	29.508907455	4.5824512999	1122.2836189
664	airbus	71.569545479	65	95.782272414	96.312881608	27.686330444	3.4171401102	1740.9018894
665	airbus	121.12762217	64	81.327805718	.	39.359263554	4.5092846346	1419.8524601
666	airbus	170.11617811	54	112.82931519	108.21623948	35.479682491	4.0303041977	2808.9911231
667	airbus	163.67500534	55	113.02072769	114.87786043	28.637640363	4.7542107761	3559.7584816
668	airbus	156.96990933	56	82.093109962	.	12.878217378	3.6021593263	899.58860681
669	airbus	198.42235144	58	64.305146799	.	17.456593278	3.8221946371	383.90578116
670	airbus	85.681924568	56	97.345399878	96.174998729	19.239272302	3.3190577583	1790.2391276
671	airbus	183.13132725	62	81.250209109	.	29.005215492	4.029149785	1193.0813841
672	airbus	83.53692353	71	78.511819946	.	18.34178955	3.5732799299	785.96436759
673	airbus	199.21802259	53	66.385244236	.	31.974988686	3.5692596506	757.85802237
674	airbus	167.38737759	53	85.943555546	.	9.1646259705	3.1601680959	1107.6970718
675	airbus	129.67260359	68	67.955731399	.	14.717433562	4.3023776071	436.67877934
676	airbus	113.38609082	66	64.35053655	.	28.293858818	4.3976129015	537.85612445
677	airbus	87.89550164	63	77.219309676	.	27.549527616	4.0913662087	1076.2259181
678	airbus	156.3172855	60	88.880244981	.	29.78919442	4.2360745318	1588.8171307
679	airbus	175.6902467	62	56.58802737	.	48.835248392	4.0231513901	840.85570823
680	airbus	259.09791674	54	54.953323257	.	30.954303406	4.026187428	561.44690581
681	airbus	110.58281561	62	99.691905653	97.490785232	24.088742996	3.8724027831	1783.8129154
682	airbus	183.35334567	64	78.910594798	.	25.517741657	4.4930816443	870.0946567
683	airbus	150.60053157	49	111.23656298	109.85430197	42.832497449	3.9197415189	3156.5261636
684	airbus	239.99221823	68	104.1958642	104.96261104	27.317381381	3.8378238036	2606.2495663
685	airbus	117.97268767	62	88.11053105	.	28.395271449	3.8373781497	1539.7613606
686	airbus	218.87542131	61	70.701596429	.	34.608578408	3.3317046104	737.56722749
687	airbus	127.80752316	62	81.759884177	.	38.956886389	4.4503570367	1526.7508855
688	airbus	140.45311445	75	120.41894805	118.48470398	31.263445532	2.7967314066	3470.5838289
689	airbus	124.91058524	64	65.764001182	.	36.571837554	3.2368359937	606.02998005
690	airbus	153.43737249	61	54.593475453	.	29.148613678	3.2715631978	424.16175773
691	airbus	123.07246298	62	106.07949219	105.31302869	32.780367217	3.3629035953	2493.1981649
692	airbus	197.43183449	45	81.375317855	.	46.285569727	4.2052754575	1459.5022976
693	airbus	180.37016335	63	81.060890918	.	24.403675717	3.5144284379	1075.1490733
694	airbus	94.490636016	62	69.283901134	.	32.274716305	4.1201658944	836.48963413
695	airbus	137.80294314	56	68.078613026	.	44.680502196	3.9699767937	1083.8311753
696	airbus	208.1607048	63	93.508028321	.	36.979298044	3.9378846853	1786.8758779
697	airbus	88.527549113	70	89.169632879	.	19.839149264	4.00675958	1315.9735963

Obs	aircraft	duration	no_pasg	speed_ground	speed_air	height	pitch	distance
698	airbus	73.803250742	56	85.566870293	.	34.039332978	3.7960932826	1414.2784595
699	airbus	162.5458696	50	73.338499719	.	25.777471657	4.3223402115	929.57099383
700	airbus	130.85088326	63	97.379504716	96.729593787	22.499125622	3.8106767874	2092.8564123
701	airbus	89.279301967	63	82.738890437	.	34.431394168	4.2458381335	1511.4644415
702	airbus	42.146226159	63	46.264718501	.	20.490711515	3.4819121545	383.55849778
703	airbus	146.10917656	57	69.55727731	.	34.272245396	4.8779627965	854.46558558
704	airbus	164.62294861	75	86.603008862	.	27.66435906	4.5796739341	1366.3827454
705	airbus	189.84521577	53	86.181330458	.	25.909786696	3.2797747665	1327.1879085
706	airbus	116.60449798	70	94.024301167	.	24.367356175	3.6647567985	1610.4152961
707	airbus	260.50189235	53	63.489000555	.	35.371357104	3.9722083719	812.16317052
708	airbus	246.44447346	55	78.544137807	.	32.429085595	4.4905616843	972.10646587
709	airbus	162.96469442	74	79.659629494	.	31.448253109	3.8075017695	1092.8748503
710	airbus	186.09732002	53	98.438115538	98.561698537	48.847022619	3.3124052636	2299.952371
711	airbus	212.55290733	59	70.245110234	.	26.203014089	3.0870919723	647.05218321
712	airbus	162.71456234	54	98.1873349	96.515044653	29.625193292	3.053515269	1975.1105677
713	airbus	109.91358442	64	95.802818747	.	21.549527519	3.4941462523	1711.4941746
714	airbus	199.36023494	55	71.303053631	.	15.099426338	3.5977434337	455.55546687
715	airbus	151.20594948	59	81.310155945	.	41.692912972	3.6591016804	1519.3190395
716	airbus	207.69159848	61	54.542338048	.	19.610845089	3.9730540461	397.01200564
717	airbus	98.176296764	60	53.749134607	.	25.54578925	3.7142005991	378.82578267
718	airbus	153.02512947	56	88.102624123	.	21.247909524	3.1559405965	1296.2242229
719	airbus	139.94194516	68	73.282728337	.	25.983547876	3.6736862744	805.09674217
720	airbus	149.65108927	46	69.037688441	.	48.559845058	4.1973990963	1127.8005331
721	airbus	154.23622614	65	102.87894145	100.66930601	24.347516208	2.9357567095	2119.3135955
722	airbus	152.13331824	49	67.96474782	.	43.97369797	4.6126758628	1097.3778646
723	airbus	236.13989521	54	61.261575207	.	26.568850134	4.3822934229	455.51323477
724	airbus	156.01335532	72	96.413153673	96.126965377	20.472816347	4.3048320152	1816.5941449
725	airbus	122.33506937	56	99.559134938	98.875752472	35.561255493	3.8948676777	2283.1949451
726	airbus	168.55748285	60	93.269235943	.	33.652452468	3.3418675584	1858.0520538
727	airbus	205.02778595	59	79.861202227	.	46.335420321	4.6556154991	1189.8284241
728	airbus	230.32398183	58	55.108631792	.	29.859498104	3.2599541617	270.83676243
729	airbus	124.69701818	51	109.78499325	110.56964767	10.099990802	4.4654606398	3054.4124062
730	airbus	155.022078	59	61.461723888	.	24.818098174	3.8339054779	617.03062892
731	airbus	141.80866829	50	69.835685444	.	42.745653562	4.5037176013	815.07168547
732	airbus	131.29381605	60	60.030583944	.	36.994580011	4.1632052963	581.81011986
733	airbus	106.29254173	63	92.807826757	.	31.324910026	3.4806892337	1477.8598122
734	airbus	112.82402756	68	73.967306258	.	20.109303351	4.3437927734	755.78531005
735	airbus	58.180016393	56	68.024349121	.	32.740768082	4.6837341419	950.57638894
736	airbus	182.6455026	69	105.88724848	107.52803809	35.286188926	3.3899871506	2948.809709
737	airbus	103.47744973	62	85.02644786	.	11.716588101	3.8585210867	1287.763774
738	airbus	269.11386203	56	65.516199038	.	30.805627601	3.2526393538	753.72051878

Obs	aircraft	duration	no_pasg	speed_ground	speed_air	height	pitch	distance
739	airbus	302.96712319	64	70.227253273	.	37.418397026	3.249907311	847.92908008
740	airbus	94.429537667	61	86.419537063	.	25.403277842	4.7193286799	1561.029784
741	airbus	228.00061803	60	58.902874412	.	31.57923272	4.247532358	595.03131683
742	airbus	207.95313058	60	76.826789553	.	33.620477576	3.5702552916	1181.7354093
743	airbus	117.25925859	61	66.079801141	.	14.565008188	3.7122960454	436.14783447
744	airbus	203.38738009	67	60.560085102	.	29.772632177	3.7461562294	698.89504068
745	airbus	228.34100702	56	82.200796247	.	20.836306915	3.768683389	1086.1862424
746	airbus	149.83829777	64	70.225958233	.	18.128489249	4.3761025513	626.82012635
747	airbus	106.37363508	66	53.372409811	.	51.00335315	2.8275572524	538.97414789
748	airbus	65.127179167	71	78.518973911	.	22.217104176	3.967321438	1085.6066343
749	airbus	161.23109432	62	100.63019337	100.87746159	20.288654665	2.8616402098	1990.8532282
750	airbus	164.83945355	62	93.399403705	95.570546707	25.82690612	3.1034419623	1868.1652411
751	airbus	127.30609635	60	99.689595816	99.459199839	28.970863899	4.1071025677	2032.7742548
752	airbus	179.55603115	60	81.17964479	.	33.227987432	3.9930417239	1159.3467825
753	airbus	62.305584888	69	74.463003493	.	28.601781361	3.6786637331	1083.7317457
754	airbus	110.40145065	61	59.530943938	.	33.424855759	3.2326512955	657.50399554
755	airbus	126.07843541	54	36.421388861	.	33.799699892	4.8661106393	869.03373396
756	airbus	92.172840145	58	48.172804507	.	34.757015926	3.9483442548	558.36505589
757	airbus	132.2714247	50	87.917214817	.	37.787035899	3.7427163549	1644.0887292
758	airbus	207.17299231	64	85.506898711	.	21.388842147	3.8142716977	1304.9028833
759	airbus	180.77123267	59	66.81339481	.	42.714377221	4.1478795361	772.63648168
760	airbus	117.76512176	51	77.086098106	.	18.389869267	3.4514891099	677.58339591
761	airbus	157.57858379	64	101.37496522	101.35383408	21.405235851	3.2399654772	2028.9675819
762	airbus	247.52718906	58	68.245466821	.	13.85926085	3.4183202119	492.75023869
763	airbus	130.90225189	62	87.06464491	.	36.293850563	3.8649213221	1606.312266
764	airbus	119.1088102	66	93.918984258	.	11.198044368	4.2638480897	1504.7458855
765	airbus	130.31912368	58	110.7670187	112.53178152	50.765799095	3.3848559819	3437.6566749
766	airbus	91.530958077	53	88.570201337	.	23.792231589	3.6323357322	1281.2815452
767	airbus	89.119687959	52	69.995690643	.	39.550134878	3.5758761135	1016.6766232
768	airbus	176.94101734	59	89.502600721	.	36.175665767	3.3373132547	1701.1494522
769	airbus	248.72910776	58	49.46213365	.	16.796177769	3.7616893064	452.13126383
770	airbus	175.51443032	49	125.21230409	125.13854893	22.524778897	4.3657723639	4254.9332637
771	airbus	261.38701422	68	57.08470944	.	15.761691561	3.8049960732	350.60240534
772	airbus	127.47275856	54	91.010100234	.	29.871116541	4.2252758714	1897.822824
773	airbus	133.73961717	50	52.333370563	.	18.038104533	3.9351932028	513.49576186
774	airbus	165.01327501	49	91.110368621	.	40.417128405	3.543305741	1626.1683408
775	airbus	146.46668879	65	72.047967859	.	33.336746044	3.9285188111	739.73734536
776	airbus	168.63938031	67	88.522770061	.	36.185138884	3.8278902051	1574.1956723
777	airbus	68.155949889	64	91.949607531	.	27.805329017	3.8092130805	1878.7641823
778	airbus	141.88878266	60	103.86692593	105.55936652	38.127301967	4.2399183129	2711.4636167
779	airbus	58.499894993	58	65.068451437	.	47.581604296	4.2032297629	946.46666809

Obs	aircraft	duration	no_pasg	speed_ground	speed_air	height	pitch	distance
780	airbus	98.769254269	73	91.268557287	.	37.505115494	3.8389510815	1818.9575804
781	airbus	147.71752673	67	114.84660812	113.17086267	58.227799736	3.6727589287	3665.8038693
782	airbus	194.02442137	53	72.829467981	.	45.541357116	4.426727957	1115.4140886
783	airbus	134.685641	57	44.126135466	.	27.182379063	3.0128294313	417.54307265
784	airbus	220.05712745	61	120.55794402	118.28817977	15.665658061	4.1112652915	3499.7335809
785	airbus	122.60221689	61	82.348277697	.	30.263502564	3.83272325	1219.3075837
786	airbus	127.07799051	58	83.198056989	.	16.030000255	3.3080804277	1022.0840734
787	airbus	172.04931209	36	47.486765029	.	13.984809941	4.2990197162	250.68976141
788	airbus	98.500307809	66	123.31053074	124.39076754	22.327175815	4.2767104875	4295.9006131
789	airbus	165.19313237	58	89.953914147	.	30.857402547	4.1721894508	1711.6142255
790	airbus	104.6341753	63	69.083940765	.	28.397461881	4.1725671613	812.31993404
791	airbus	264.59337482	55	102.74650485	102.41247143	38.534020829	4.1697182481	2623.6512568
792	airbus	182.74887203	71	84.333339769	.	28.932963149	2.9914135514	1190.0228225
793	airbus	80.477362793	67	60.789195406	.	33.797453043	3.7235699727	563.10266864
794	airbus	194.99198538	68	91.15047186	.	15.378493757	3.5127744454	1445.1634341
795	airbus	149.36036239	67	98.02641239	99.421688766	40.993052838	4.7268210237	2440.381218
796	airbus	98.461455246	50	73.939616162	.	42.353383637	3.9571042618	1027.2134659
797	airbus	114.23485681	57	79.982703338	.	42.244751261	3.785954219	1162.404395
798	airbus	118.57607182	63	75.368171615	.	31.340776135	3.5580199527	960.25559642
799	airbus	200.62136624	63	77.148459304	.	23.602422529	3.020177825	899.43055864
800	airbus	124.14010259	59	66.464640399	.	48.067790297	4.1656597705	853.86453785
801	boeing	.	53	107.91568005	109.32837648	27.418924252	4.0435145715	3369.8363638
802	boeing	.	69	101.65558863	102.8514051	27.804716181	4.1174316991	2987.8039235
803	boeing	.	61	71.051960883	.	18.589385734	4.4340431286	1144.922426
804	boeing	.	56	85.813327679	.	30.744597235	3.8842361245	1664.2181584
805	boeing	.	70	59.888528183	.	32.397688062	4.0260964152	1050.2644976
806	boeing	.	55	75.014343744	.	41.21496259	4.203853398	1627.0681991
807	boeing	.	54	54.4298029	.	24.03532163	3.8376457299	805.30399317
808	boeing	.	57	57.101661737	.	19.388837508	4.6436717769	573.62178606
809	boeing	.	61	85.443624251	.	35.375389749	4.2287278648	1698.9927548
810	boeing	.	56	61.796710514	.	36.748816124	4.1843990127	1137.7457579
811	boeing	.	61	53.778126741	.	46.355832902	5.5563991716	1075.3717411
812	boeing	.	54	141.21863535	141.72493569	23.575935009	5.2168022511	6533.0476506
813	boeing	.	54	93.391762435	92.869561214	32.223489271	3.8182761471	2128.708285
814	boeing	.	58	94.036412942	96.196460585	33.661226156	4.6361847249	2304.857574
815	boeing	.	63	63.540613553	.	26.402991875	3.8566584986	1089.9729531
816	boeing	.	69	48.774673273	.	31.228664837	3.9020460339	943.06840443
817	boeing	.	61	83.556493271	.	29.897473262	3.519783726	1793.5628232
818	boeing	.	78	86.807962025	.	25.477015381	4.4142187986	1910.8768699
819	boeing	.	69	104.80843448	103.86845794	43.882731896	3.2450978263	3213.985265
820	boeing	.	55	119.3804635	120.44470797	38.558536007	3.7014493887	4524.2788621

Obs	aircraft	duration	no_pasg	speed_ground	speed_air	height	pitch	distance
821	boeing	.	63	73.533976336	.	29.152465311	4.0140064257	1332.0387485
822	boeing	.	55	79.994815042	.	29.366866101	4.4071812572	1515.9652753
823	boeing	.	70	94.781230282	91.142068839	39.476298784	3.5949361476	2182.2207374
824	boeing	.	66	63.671165314	.	19.574699606	4.2867337712	873.4408921
825	boeing	.	53	98.180410862	99.135830727	28.152991316	3.9874712191	2586.6650864
826	boeing	.	66	72.953658239	.	36.154157217	4.3878559157	1205.1280251
827	boeing	.	62	91.714535792	92.874851912	28.773729478	3.3058880775	2313.3356963
828	boeing	.	57	72.327130778	.	26.223285332	4.2231807894	1105.3658522
829	boeing	.	49	66.417230464	.	44.692695788	4.1135438115	1176.0276765
830	boeing	.	65	118.74200471	119.40214631	19.856192215	4.6462659602	4217.1294518
831	boeing	.	52	116.71343434	117.65649967	36.195527446	3.8943524297	4240.0941825
832	boeing	.	46	39.769294325	.	39.655921061	4.5992872267	1030.457488
833	boeing	.	62	79.745315854	.	23.839448756	3.3959225955	1322.2129905
834	boeing	.	44	72.546668651	.	42.859879536	4.028501716	1321.1606709
835	boeing	.	71	69.750578737	.	50.623766494	3.9084929899	1426.4827722
836	boeing	.	61	90.331897645	90.111013336	42.408189952	4.4151279938	2259.8440485
837	boeing	.	78	61.220375598	.	21.772286622	4.5955283685	970.04651856
838	boeing	.	71	41.455692355	.	28.543870421	4.6031173258	763.699563
839	boeing	.	71	71.998171485	.	35.383504742	3.6403979244	1227.9001319
840	boeing	.	65	93.615201471	95.322444555	18.58645339	4.160108483	1987.8170111
841	boeing	.	66	64.946988369	.	27.0634843	4.4386388552	920.28626467
842	boeing	.	63	95.732907331	97.18505051	47.586622182	3.7321120105	2526.4748975
843	boeing	.	64	100.17254212	100.2606698	48.602824838	5.0558179864	2771.1312647
844	boeing	.	60	59.092128964	.	23.936206647	3.227014688	987.55977466
845	boeing	.	61	76.529795789	.	20.238480104	3.9437122363	1379.260881
846	boeing	.	63	67.969699235	.	27.862901056	3.6862217761	1237.473458
847	boeing	.	63	101.04739372	101.72213876	40.03855437	3.8998686693	2830.4376072
848	boeing	.	75	70.168245294	.	17.743340834	4.2669763429	830.71474719
849	boeing	.	65	70.256718159	.	19.97791367	4.2333790632	1160.8697017
850	boeing	.	66	80.725759835	.	46.84094597	4.4096600285	1995.4052035
851	boeing	.	71	62.216451257	.	43.937671249	5.3247470086	825.52229665
852	boeing	.	60	63.238252725	.	29.620479559	5.2258651627	832.51894862
853	boeing	.	67	78.664147734	.	46.591258417	4.15208631	1768.4739674
854	boeing	.	62	54.580212422	.	19.860379833	3.1467910951	669.11794366
855	boeing	.	57	73.313432826	.	20.343993391	3.8794887756	1217.3211669
856	boeing	.	59	61.525983966	.	15.390422594	3.7066521648	751.99314418
857	boeing	.	67	122.75656197	123.88257287	30.216568242	3.2137033407	4807.8798069
858	boeing	.	53	79.413854562	.	14.4479785	3.2463483541	1240.2804099
859	boeing	.	59	56.441314363	.	20.783114081	3.7320281536	731.33170479
860	boeing	.	62	58.889312381	.	4.2644634439	4.7721930401	425.85856098
861	boeing	.	56	60.225343326	.	36.486291546	4.4718126833	914.22410463

Obs	aircraft	duration	no_pasg	speed_ground	speed_air	height	pitch	distance
862	boeing	.	63	94.63080988	93.935280295	41.42337543	4.757852551	2342.7732419
863	boeing	.	57	85.580908071	.	42.128705594	3.3296046909	2123.800935
864	boeing	.	60	93.89933526	93.18623585	26.470877122	3.8504358681	2157.4188427
865	boeing	.	49	84.588609025	.	37.080439428	3.3443854922	1814.7887866
866	boeing	.	72	129.26491833	128.41773098	33.948998825	4.1399514138	5381.9588622
867	boeing	.	52	81.533090888	.	22.411979234	3.702074231	1587.3880099
868	boeing	.	76	44.732763125	.	32.782994552	4.861881592	874.79864397
869	boeing	.	61	80.373077529	.	43.524704765	4.0629176801	1812.4313695
870	boeing	.	68	94.376620488	92.15345773	19.574380998	4.6365070329	1995.3655432
871	boeing	.	54	83.655266858	.	25.684334148	4.4463077911	1470.7842588
872	boeing	.	55	63.193085808	.	20.801467416	4.0098154916	829.07888581
873	boeing	.	49	66.192530367	.	47.715701656	3.6191908432	1595.1338347
874	boeing	.	64	52.493139102	.	-3.546252405	4.2132855404	581.38099947
875	boeing	.	60	111.88830909	110.20457764	10.255225364	4.5117260898	3164.4683553
876	boeing	.	72	49.509631704	.	30.856063054	4.249669131	827.42067444
877	boeing	.	60	49.168445223	.	28.206547549	3.8902037695	662.1715576
878	boeing	.	44	95.068731567	96.084198669	17.376660338	3.2011486815	2183.7983628
879	boeing	.	65	91.000271752	91.586051671	17.641253665	4.4079869843	1838.5676697
880	boeing	.	58	51.836297611	.	18.985617188	4.8265473561	676.18903827
881	boeing	.	61	98.206172066	96.033397859	24.531203641	4.3804647597	2149.5567186
882	boeing	.	52	46.965489789	.	48.836222177	3.7268981671	1136.0148411
883	boeing	.	47	90.354274819	.	14.114268518	4.0402550027	1593.0611271
884	boeing	.	72	94.271329242	92.877735531	33.046424149	3.785794946	2351.0709569
885	boeing	.	67	76.531843725	.	30.598791007	4.2369678091	1236.3788062
886	boeing	.	57	47.883210688	.	28.036760187	4.6915095248	745.65270838
887	boeing	.	49	57.65125066	.	30.305425419	3.9341591214	981.8893648
888	boeing	.	64	71.3450445	.	38.430396787	4.3078969167	1215.6919756
889	boeing	.	54	73.466804495	.	42.13800428	3.4653573854	1526.5588456
890	boeing	.	47	95.322576422	94.215160768	30.270100189	3.6451345759	2233.0489624
891	boeing	.	53	44.394275805	.	37.763521555	3.8154730289	996.87232711
892	boeing	.	63	63.57042961	.	28.406673108	3.9378640453	1032.4646189
893	boeing	.	61	29.227656382	.	23.349901124	4.3961881217	1076.855217
894	boeing	.	67	78.954218512	.	28.972879292	3.8124590751	1480.5722537
895	boeing	.	62	113.99630814	110.65991559	34.443424964	3.873845001	3405.3507059
896	boeing	.	59	72.609522005	.	58.08354481	3.670238783	1698.1840267
897	boeing	.	58	99.168593593	96.928013479	36.694347458	4.2271664232	2556.5952545
898	boeing	.	68	72.57166563	.	39.692058731	4.0733467334	1457.757668
899	boeing	.	58	109.53850934	109.38230052	12.990661148	3.9879573804	3188.2681596
900	boeing	.	51	70.480194088	.	7.5824945838	4.8167893156	822.2286414
901	airbus	.	58	101.09983213	101.46762268	42.952395762	4.2257015342	2688.9856974
902	airbus	.	52	73.761115944	.	9.688307724	3.3585464091	554.16098701

Obs	aircraft	duration	no_pasg	speed_ground	speed_air	height	pitch	distance
903	airbus	.	69	81.18518654	.	27.687387698	3.3522936228	992.4270648
904	airbus	.	60	53.801672886	.	34.147519961	3.5058165344	742.80380536
905	airbus	.	68	70.707712535	.	44.063655273	3.4282165895	1004.1678423
906	airbus	.	61	100.00688904	97.778193537	18.847637969	3.1094499278	1835.3799986
907	airbus	.	48	61.570704648	.	21.785707448	4.3511947442	560.53392302
908	airbus	.	57	88.631154153	.	17.087228104	3.2746103159	1117.6839116
909	airbus	.	46	40.801786477	.	24.400127629	3.9682093233	620.09051196
910	airbus	.	66	81.975974355	.	18.261403443	3.8934084614	1104.1815906
911	airbus	.	74	79.443488142	.	37.19716518	3.9370030837	792.98641747
912	airbus	.	61	83.667404333	.	15.021858736	5.5267842132	1550.6995775
913	airbus	.	54	83.071912777	.	37.317578277	3.4734612582	1338.6101651
914	airbus	.	66	62.006182569	.	36.596917427	3.7081461182	742.19173933
915	airbus	.	64	59.41387612	.	43.968696323	2.6689056845	626.23203528
916	airbus	.	69	68.729076653	.	28.504682353	3.6682908219	669.51178213
917	airbus	.	64	72.646992664	.	28.919946606	4.0969277745	941.34009552
918	airbus	.	61	98.797757495	101.17577455	25.4439203	4.9106775155	2407.7887178
919	airbus	.	68	99.590180051	97.60461733	42.895159857	3.6363220884	2027.0504154
920	airbus	.	59	89.940169252	.	25.763979474	4.019371775	1497.605083
921	airbus	.	58	68.956684058	.	24.898696811	3.9874356737	634.67498994
922	airbus	.	54	67.456935552	.	41.334169856	3.8581993926	877.06227359
923	airbus	.	60	91.866333324	.	27.403567281	3.7152876349	1542.8952426
924	airbus	.	52	89.577029476	.	35.463228123	3.834651479	1390.8995718
925	airbus	.	56	86.528840828	.	40.94901507	3.7270256473	1437.6338566
926	airbus	.	54	80.24779883	.	48.426731903	3.289757889	1303.6900358
927	airbus	.	73	63.070170569	.	48.868703509	3.7846317788	842.85423856
928	airbus	.	46	104.07757658	103.40921036	19.7157721	4.1043931104	2494.8046454
929	airbus	.	59	52.099814821	.	34.552971375	4.8866300246	647.48815165
930	airbus	.	51	62.484050366	.	26.53804471	3.8228939729	749.48028928
931	airbus	.	52	72.036625004	.	24.740341243	3.6279838777	648.02156805
932	airbus	.	51	83.630692914	.	23.302265488	4.5566399591	1460.4181796
933	airbus	.	56	73.974086384	.	32.455027763	3.0805850946	769.49665785
934	airbus	.	55	68.751529748	.	48.277120042	4.2626359629	1079.1170993
935	airbus	.	60	59.458936191	.	30.767435238	4.1920197594	538.3807833
936	airbus	.	69	66.20583878	.	22.779396611	2.9984599553	499.18883384
937	airbus	.	50	84.219908138	.	32.542946798	3.318828622	1485.4400456
938	airbus	.	62	77.729568204	.	12.353622855	4.4082857766	821.01947272
939	airbus	.	65	59.204403387	.	29.594010453	2.885684557	555.76173679
940	airbus	.	58	113.42739675	114.84444904	40.101121967	4.2484282637	3738.6497412
941	airbus	.	65	84.4239765	.	33.537263808	3.6276629705	1204.6697378
942	airbus	.	58	74.453043324	.	21.221140598	3.4824870511	568.92434271
943	airbus	.	69	61.534975798	.	54.27604275	4.2536409251	880.39785042

Obs	aircraft	duration	no_pasg	speed_ground	speed_air	height	pitch	distance
944	airbus	.	54	50.903105868	.	35.729484049	4.5440403076	597.98554514
945	airbus	.	64	89.484021106	.	23.529869193	4.8568314412	1643.1016906
946	airbus	.	59	105.71955117	105.29075366	25.46813856	4.73824264	2741.4618282
947	airbus	.	57	88.418098446	.	45.02439155	3.7036944046	1616.3360538
948	airbus	.	54	86.425045711	.	14.748572684	3.5418381552	1476.177543
949	airbus	.	66	83.134231231	.	26.318128781	3.4396450566	1093.9088123
950	airbus	.	70	100.9894669	102.46163794	19.703120709	4.3621150325	2348.6175889
951		.	.	.	.	.	.	.
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953		.	.	.	.	.	.	.
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980		.	.	.	.	.	.	.
981		.	.	.	.	.	.	.
982		.	.	.	.	.	.	.
983		.	.	.	.	.	.	.
984		.	.	.	.	.	.	.

Obs	aircraft	duration	no_pasg	speed_ground	speed_air	height	pitch	distance
985		.	.	.	.	.	.	.
986		.	.	.	.	.	.	.
987		.	.	.	.	.	.	.
988		.	.	.	.	.	.	.
989		.	.	.	.	.	.	.
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995		.	.	.	.	.	.	.
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997		.	.	.	.	.	.	.
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999		.	.	.	.	.	.	.
1000		.	.	.	.	.	.	.

### The MEANS Procedure

Variable	Label	Minimum	Maximum	Mean	Median	Std Dev	Variance	Range
duration	duration	14.7642071	305.6217107	154.0065385	153.9480975	49.2592338	2426.47	290.8575036
no_pasg	no_pasg	29.0000000	87.0000000	60.1652632	60.0000000	7.4900041	56.1001619	58.0000000
speed_ground	speed_ground	27.7357153	141.2186354	79.2849940	79.4129094	19.3364178	373.8970524	113.4829200
speed_air	speed_air	90.0028586	141.7249357	103.7304174	100.8916770	10.6051134	112.4684305	51.7220771
height	height	-3.5462524	59.9459639	30.1392714	29.9044945	10.3593491	107.3161131	63.4922163
pitch	pitch	2.2844801	5.9267842	4.0192472	4.0153874	0.5260322	0.2767099	3.6423041
distance	distance	34.0807833	6533.05	1548.82	1267.44	948.6812561	899996.13	6498.97

### The FREQ Procedure

aircraft				
aircraft	Frequency	Percent	Cumulative Frequency	Cumulative Percent
	50	5.00	50	5.00
<b>airbus</b>	450	45.00	500	50.00
<b>boeing</b>	500	50.00	1000	100.00

Obs	aircraft	duration	no_pasg	speed_ground	speed_air	height	pitch	distance
1		.	.	.	.	.	.	.
2	airbus	172.04931209	36	47.486765029	.	13.984809941	4.2990197162	250.68976141
3	airbus	188.01797726	38	85.180842251	.	37.028793691	4.1216901717	1257.0092519
4	airbus	93.540807771	40	80.627416679	.	28.60255713	3.6234201886	1021.0888117
5	airbus	123.30242152	41	97.568203986	96.978436701	38.409192953	3.5322719834	2167.7576915
6	airbus	109.19713407	43	82.483044979	.	30.140024889	4.0896284195	1321.0000654
7	airbus	139.31381028	44	99.596841547	99.160266345	35.187030092	3.8402667146	2116.080919
8	airbus	214.22048507	45	72.490616757	.	33.228125197	4.3693164876	748.7667918
9	airbus	182.7116757	45	77.805502137	.	20.189958388	4.178015403	905.49788375
10	airbus	197.43183449	45	81.375317855	.	46.285569727	4.2052754575	1459.5022976
11	airbus	115.86922387	45	86.875879978	.	34.838071106	3.7997683715	1262.1538907
12	airbus	216.87640251	45	91.618595738	.	38.324199382	4.7436314527	1967.6109937
13	airbus	.	46	40.801786477	.	24.400127629	3.9682093233	620.09051196
14	airbus	149.65108927	46	69.037688441	.	48.559845058	4.1973990963	1127.8005331
15	airbus	.	46	104.07757658	103.40921036	19.7157721	4.1043931104	2494.8046454
16	airbus	168.79553003	47	92.907591785	95.762981617	23.784897183	3.9086740504	1955.3034911
17	airbus	237.40527671	48	53.774013118	.	28.260802216	3.1755295986	241.16096423
18	airbus	.	48	61.570704648	.	21.785707448	4.3511947442	560.53392302
19	airbus	173.57275867	48	69.440266991	.	21.235704144	4.2349485846	860.43708392
20	airbus	221.59245844	48	76.36854228	.	19.395151702	4.8736423429	932.57187751
21	airbus	181.70175046	48	79.793960442	.	34.532683072	3.76482161	1159.5466175
22	airbus	160.84157691	48	87.551468843	.	28.545582924	4.4229830982	1410.1890375
23	airbus	157.16728687	48	101.83850487	103.63497127	23.011621748	4.9429730633	2524.5676617
24	airbus	199.91969175	48	109.30116236	109.55662817	33.066513954	4.0350502581	3177.1885419
25	airbus	140.67120141	48	120.45475566	118.67260401	30.351506953	4.3710717196	3891.4718916
26	airbus	152.13331824	49	67.96474782	.	43.97369797	4.6126758628	1097.3778646
27	airbus	100.08624587	49	73.47329101	.	33.857396706	3.4675514514	892.02278261
28	airbus	94.828574047	49	86.483225907	.	29.289251818	3.7811259878	1555.5259125
29	airbus	165.01327501	49	91.110368621	.	40.417128405	3.543305741	1626.1683408
30	airbus	150.60053157	49	111.23656298	109.85430197	42.832497449	3.9197415189	3156.5261636
31	airbus	84.375146328	49	112.18972025	112.19018323	30.202558867	4.7533844954	3313.0672207
32	airbus	175.51443032	49	125.21230409	125.13854893	22.524778897	4.3657723639	4254.9332637
33	airbus	133.73961717	50	52.333370563	.	18.038104533	3.9351932028	513.49576186
34	airbus	203.32103587	50	64.658141026	.	35.122301566	3.5884171024	789.54314456
35	airbus	141.80866829	50	69.835685444	.	42.745653562	4.5037176013	815.07168547
36	airbus	125.27798747	50	71.071982782	.	39.221521095	4.2290416756	886.8887875
37	airbus	162.5458696	50	73.338499719	.	25.777471657	4.3223402115	929.57099383
38	airbus	98.461455246	50	73.939616162	.	42.353383637	3.9571042618	1027.2134659
39	airbus	178.53721004	50	77.07920079	.	24.833682708	2.6895532686	880.80044898
40	airbus	103.65986342	50	83.438769115	.	24.597065289	3.901858534	1251.4264528
41	airbus	.	50	84.219908138	.	32.542946798	3.318828622	1485.4400456

Obs	aircraft	duration	no_pasg	speed_ground	speed_air	height	pitch	distance
42	airbus	109.79101574	50	85.88079228	.	33.466314922	3.462927709	1408.5685921
43	airbus	132.2714247	50	87.917214817	.	37.787035899	3.7427163549	1644.0887292
44	airbus	113.90561764	50	90.689554194	.	19.11775158	3.5775516573	1394.7117346
45	airbus	199.50580761	51	59.099825091	.	41.604002941	3.6405344238	562.16591975
46	airbus	.	51	62.484050366	.	26.53804471	3.8228939729	749.48028928
47	airbus	186.22429406	51	69.922522751	.	29.098408257	4.3884525678	1040.6159488
48	airbus	117.76512176	51	77.086098106	.	18.389869267	3.4514891099	677.58339591
49	airbus	91.137052503	51	81.952392127	.	27.503012962	3.5740085596	937.681381
50	airbus	.	51	83.630692914	.	23.302265488	4.5566399591	1460.4181796
51	airbus	99.346535515	51	88.513433718	.	29.685719738	3.9239835975	1446.5732349
52	airbus	124.69701818	51	109.78499325	110.56964767	10.099990802	4.4654606398	3054.4124062
53	airbus	202.27604539	52	59.558781395	.	31.830496872	4.9226883242	650.3277785
54	airbus	89.119687959	52	69.995690643	.	39.550134878	3.5758761135	1016.6766232
55	airbus	.	52	72.036625004	.	24.740341243	3.6279838777	648.02156805
56	airbus	.	52	73.761115944	.	9.688307724	3.3585464091	554.16098701
57	airbus	111.18511926	52	74.929003615	.	31.603274066	4.6283872708	1046.1643877
58	airbus	201.66902084	52	75.801424413	.	38.404360138	3.1195493137	1051.5697597
59	airbus	192.31269901	52	79.411964275	.	40.213139667	3.7765509583	1216.2675925
60	airbus	179.19419379	52	87.937967052	.	18.546478714	3.8740639381	1243.0345555
61	airbus	137.15453851	52	89.059591972	.	44.76431669	3.7453441515	1528.0260504
62	airbus	.	52	89.577029476	.	35.463228123	3.834651479	1390.8995718
63	airbus	113.37605039	52	98.891571993	100.52805637	33.573007382	3.5034607776	2169.6725734
64	airbus	145.77939481	52	111.67391785	111.33236229	36.042802888	3.5149833541	3311.8369585
65	airbus	92.648121883	53	55.161528539	.	30.167084359	4.472054571	623.00673298
66	airbus	199.92116031	53	58.566400441	.	35.200959218	3.0643097132	634.09099305
67	airbus	105.13901375	53	60.006184622	.	35.912417951	3.923337806	561.27232211
68	airbus	260.50189235	53	63.489000555	.	35.371357104	3.9722083719	812.16317052
69	airbus	199.21802259	53	66.385244236	.	31.974988686	3.5692596506	757.85802237
70	airbus	253.72768469	53	67.726377103	.	28.100904032	4.8166027921	714.5146546
71	airbus	194.02442137	53	72.829467981	.	45.541357116	4.426727957	1115.4140886
72	airbus	145.22559464	53	74.364061268	.	27.90797072	3.8372800254	853.28081256
73	airbus	202.10909397	53	76.334805748	.	50.745931362	3.5419962833	1052.6915505
74	airbus	203.25433498	53	81.27102299	.	26.163307183	4.1746185951	1141.4540114
75	airbus	49.012114646	53	82.707838093	.	27.06233505	4.2487368492	1312.6682914
76	airbus	167.38737759	53	85.943555546	.	9.1646259705	3.1601680959	1107.6970718
77	airbus	189.84521577	53	86.181330458	.	25.909786696	3.2797747665	1327.1879085
78	airbus	91.305749532	53	86.356289075	.	27.529003473	3.8625613819	1381.5602004
79	airbus	144.82917518	53	88.205923249	.	27.990951956	3.0909603835	1259.1737588
80	airbus	91.530958077	53	88.570201337	.	23.792231589	3.6323357322	1281.2815452
81	airbus	188.3740487	53	88.896210095	.	22.913916375	4.003595751	1418.8042213
82	airbus	186.09732002	53	98.438115538	98.561698537	48.847022619	3.3124052636	2299.952371

Obs	aircraft	duration	no_pasg	speed_ground	speed_air	height	pitch	distance
83	airbus	148.49500413	53	99.874522521	98.724063607	39.520425649	3.9041206536	2404.7430929
84	airbus	126.07843541	54	36.421388861	.	33.799699892	4.8661106393	869.03373396
85	airbus	209.19366153	54	50.812930767	.	38.841316346	4.0338980996	566.92692802
86	airbus	.	54	50.903105868	.	35.729484049	4.5440403076	597.98554514
87	airbus	259.09791674	54	54.953323257	.	30.954303406	4.026187428	561.44690581
88	airbus	236.13989521	54	61.261575207	.	26.568850134	4.3822934229	455.51323477
89	airbus	.	54	67.456935552	.	41.334169856	3.8581993926	877.06227359
90	airbus	153.19968433	54	73.918352619	.	25.508432729	3.7307897043	807.34528517
91	airbus	196.97561802	54	79.152671368	.	13.662179662	3.9400319361	813.23440402
92	airbus	.	54	80.24779883	.	48.426731903	3.289757889	1303.6900358
93	airbus	149.69472624	54	80.502186071	.	38.38733031	4.6548987217	1153.8920383
94	airbus	.	54	83.071912777	.	37.317578277	3.4734612582	1338.6101651
95	airbus	.	54	86.425045711	.	14.748572684	3.5418381552	1476.177543
96	airbus	119.43615232	54	89.776678607	.	28.42870425	3.93559002	1285.5472568
97	airbus	127.47275856	54	91.010100234	.	29.871116541	4.2252758714	1897.822824
98	airbus	16.893454896	54	94.511052223	95.930926862	37.476967053	4.1733221259	2162.92737
99	airbus	162.71456234	54	98.1873349	96.515044653	29.625193292	3.053515269	1975.1105677
100	airbus	201.18798178	54	99.017401284	98.221920891	39.319647422	4.3935253271	2481.2581248
101	airbus	170.11617811	54	112.82931519	108.21623948	35.479682491	4.0303041977	2808.9911231
102	airbus	143.67595351	55	59.075014054	.	52.378560123	3.6504632942	817.11573622
103	airbus	199.79840009	55	61.712054098	.	34.976545351	4.0805575423	643.85634155
104	airbus	199.49519149	55	64.462028079	.	26.656286235	4.2943903167	767.761571
105	airbus	.	55	68.751529748	.	48.277120042	4.2626359629	1079.1170993
106	airbus	199.36023494	55	71.303053631	.	15.099426338	3.5977434337	455.55546687
107	airbus	305.62171072	55	75.506844221	.	18.82215165	3.4320514587	748.17078336
108	airbus	246.44447346	55	78.544137807	.	32.429085595	4.4905616843	972.10646587
109	airbus	162.31295341	55	78.70704989	.	31.43974554	3.4065347494	1138.9424385
110	airbus	164.87691136	55	81.165499033	.	32.277515471	3.5630868963	1176.5784616
111	airbus	289.3204932	55	81.69133242	.	12.315795866	3.7213188282	829.18639204
112	airbus	171.43730605	55	86.77431193	.	25.915014895	3.9806762311	1188.1643934
113	airbus	178.33695177	55	87.015958489	.	38.194662335	4.355065854	1693.4027056
114	airbus	156.95484942	55	87.508005458	.	30.620086067	3.592569656	1548.4738738
115	airbus	203.13135186	55	90.261004686	.	42.318923044	3.2745717105	1446.8557482
116	airbus	264.59337482	55	102.74650485	102.41247143	38.534020829	4.1697182481	2623.6512568
117	airbus	160.39281504	55	103.27582495	105.18709549	54.198540346	3.95212311	2837.0808498
118	airbus	163.67500534	55	113.02072769	114.87786043	28.637640363	4.7542107761	3559.7584816
119	airbus	128.68794104	56	43.852805379	.	34.114558593	3.3125782438	554.0661689
120	airbus	208.87900668	56	53.888762395	.	23.496668191	4.0000159209	375.32596789
121	airbus	104.60565852	56	57.991058844	.	33.545907029	4.1214769808	584.79546667
122	airbus	269.11386203	56	65.516199038	.	30.805627601	3.2526393538	753.72051878
123	airbus	188.40822529	56	65.938683894	.	32.01528619	4.1378851024	816.22211434

Obs	aircraft	duration	no_pasg	speed_ground	speed_air	height	pitch	distance
124	airbus	58.180016393	56	68.024349121	.	32.740768082	4.6837341419	950.57638894
125	airbus	137.80294314	56	68.078613026	.	44.680502196	3.9699767937	1083.8311753
126	airbus	.	56	73.974086384	.	32.455027763	3.0805850946	769.49665785
127	airbus	211.25416558	56	74.337393872	.	11.516139597	2.7990204762	485.19472704
128	airbus	176.41722404	56	81.224052109	.	28.478307593	4.1902077139	1134.8806867
129	airbus	156.96990933	56	82.093109962	.	12.878217378	3.6021593263	899.58860681
130	airbus	228.34100702	56	82.200796247	.	20.836306915	3.768683389	1086.1862424
131	airbus	102.95333134	56	84.405488067	.	45.914274226	3.8022156168	1495.0519159
132	airbus	166.046929	56	84.914977191	.	38.035678767	3.6712712954	1218.7020751
133	airbus	73.803250742	56	85.566870293	.	34.039332978	3.7960932826	1414.2784595
134	airbus	198.36833627	56	85.734433148	.	49.272552969	4.4426012633	1712.6251245
135	airbus	114.09497787	56	86.05356781	.	28.551075775	3.9805055926	1392.42027
136	airbus	.	56	86.528840828	.	40.94901507	3.7270256473	1437.6338566
137	airbus	153.02512947	56	88.102624123	.	21.247909524	3.1559405965	1296.2242229
138	airbus	170.42197717	56	89.870059308	.	46.858792888	3.650835863	1734.3315551
139	airbus	99.019165671	56	91.236709563	.	15.59892741	3.3688761342	1450.5750216
140	airbus	205.36417552	56	91.46226196	.	19.369632123	3.3789629781	1658.4610518
141	airbus	181.52206258	56	92.13143495	.	20.586568591	4.1758773479	1656.0636286
142	airbus	173.64083103	56	93.016459316	.	31.341393328	4.1090340499	1840.0530488
143	airbus	85.681924568	56	97.345399878	96.174998729	19.239272302	3.3190577583	1790.2391276
144	airbus	223.95233137	56	99.325035899	99.397364536	36.782682861	3.1800709689	2059.5377377
145	airbus	122.33506937	56	99.559134938	98.875752472	35.561255493	3.8948676777	2283.1949451
146	airbus	157.97520717	56	109.18164733	108.23198533	21.249104902	3.2623478916	2810.6957638
147	airbus	134.685641	57	44.126135466	.	27.182379063	3.0128294313	417.54307265
148	airbus	54.218239897	57	63.421362974	.	42.949644516	4.5490103745	700.99462437
149	airbus	139.63978211	57	64.355633516	.	41.315697708	2.6759851316	714.70839358
150	airbus	146.10917656	57	69.55727731	.	34.272245396	4.8779627965	854.46558558
151	airbus	89.075548734	57	74.212201979	.	25.747432194	3.6751924109	852.77611439
152	airbus	114.23485681	57	79.982703338	.	42.244751261	3.785954219	1162.404395
153	airbus	203.4089821	57	80.019391771	.	31.882027194	4.4526464074	1155.989184
154	airbus	171.37069895	57	85.849256878	.	41.867801808	3.5766081513	1715.5280458
155	airbus	.	57	88.418098446	.	45.02439155	3.7036944046	1616.3360538
156	airbus	.	57	88.631154153	.	17.087228104	3.2746103159	1117.6839116
157	airbus	220.30836516	57	101.13020479	101.80642908	32.952280102	4.1591918068	2461.9879135
158	airbus	92.172840145	58	48.172804507	.	34.757015926	3.9483442548	558.36505589
159	airbus	248.72910776	58	49.46213365	.	16.796177769	3.7616893064	452.13126383
160	airbus	230.32398183	58	55.108631792	.	29.859498104	3.2599541617	270.83676243
161	airbus	189.58108915	58	61.003914242	.	37.350258765	3.2977337571	498.76801332
162	airbus	198.8694626	58	61.127025526	.	22.51924496	3.4452935393	397.54283343
163	airbus	198.42235144	58	64.305146799	.	17.456593278	3.8221946371	383.90578116
164	airbus	58.499894993	58	65.068451437	.	47.581604296	4.2032297629	946.46666809

Obs	aircraft	duration	no_pasg	speed_ground	speed_air	height	pitch	distance
165	airbus	150.94674427	58	66.421119468	.	-2.915335901	3.1225583646	34.080783293
166	airbus	175.13042298	58	66.943936292	.	40.523836608	3.9217502663	795.71340402
167	airbus	247.52718906	58	68.245466821	.	13.85926085	3.4183202119	492.75023869
168	airbus	.	58	68.956684058	.	24.898696811	3.9874356737	634.67498994
169	airbus	.	58	74.453043324	.	21.221140598	3.4824870511	568.92434271
170	airbus	114.89625409	58	75.882613527	.	46.159876097	5.0373832323	1178.6022137
171	airbus	112.07531863	58	76.771834829	.	25.947569997	3.4430247941	824.03883822
172	airbus	188.78452894	58	81.228627166	.	29.024507225	2.671331652	978.59385588
173	airbus	127.07799051	58	83.198056989	.	16.030000255	3.3080804277	1022.0840734
174	airbus	176.0848911	58	88.013418879	.	16.69810206	4.0698994981	1380.2737237
175	airbus	165.19313237	58	89.953914147	.	30.857402547	4.1721894508	1711.6142255
176	airbus	190.79170859	58	93.672281401	95.098821771	33.630978811	3.4592153332	2048.4941733
177	airbus	93.952926911	58	96.878686347	98.085883143	29.178095121	3.967524021	2008.2207232
178	airbus	.	58	101.09983213	101.46762268	42.952395762	4.2257015342	2688.9856974
179	airbus	45.502778921	58	107.28766839	105.68511992	21.833564348	3.3998185919	2542.3356261
180	airbus	130.31912368	58	110.7670187	112.53178152	50.765799095	3.3848559819	3437.6566749
181	airbus	.	58	113.42739675	114.84444904	40.101121967	4.2484282637	3738.6497412
182	airbus	117.7405601	59	47.679801523	.	28.606492697	3.7520465798	406.08928283
183	airbus	.	59	52.099814821	.	34.552971375	4.8866300246	647.48815165
184	airbus	104.77906956	59	55.027556032	.	51.781247914	4.4753745447	837.96815281
185	airbus	214.78506113	59	56.285225619	.	19.097947487	3.9151278527	321.51632716
186	airbus	155.022078	59	61.461723888	.	24.818098174	3.8339054779	617.03062892
187	airbus	138.23492748	59	64.813671941	.	14.780336473	4.2209516551	402.93130074
188	airbus	124.14010259	59	66.464640399	.	48.067790297	4.1656597705	853.86453785
189	airbus	180.77123267	59	66.81339481	.	42.714377221	4.1478795361	772.63648168
190	airbus	151.38933879	59	69.475216422	.	24.969280868	3.8187750112	690.51952193
191	airbus	212.55290733	59	70.245110234	.	26.203014089	3.0870919723	647.05218321
192	airbus	156.4574255	59	72.591244009	.	14.082627958	3.7352438518	408.97922734
193	airbus	93.0636244	59	72.926186342	.	22.458637482	4.1646025706	853.03434442
194	airbus	156.18873822	59	76.167385231	.	51.166565601	3.2580851913	1198.9391186
195	airbus	205.02778595	59	79.861202227	.	46.335420321	4.6556154991	1189.8284241
196	airbus	149.82084277	59	80.203284342	.	27.52090572	3.8292421286	1188.6214247
197	airbus	151.20594948	59	81.310155945	.	41.692912972	3.6591016804	1519.3190395
198	airbus	196.03011465	59	85.687131792	.	6.2275177523	3.778378927	976.43368542
199	airbus	87.345969963	59	87.926511371	.	28.790896161	4.011354326	1555.4007483
200	airbus	176.94101734	59	89.502600721	.	36.175665767	3.3373132547	1701.1494522
201	airbus	.	59	89.940169252	.	25.763979474	4.019371775	1497.605083
202	airbus	193.12007702	59	96.196564169	98.116074155	42.307731844	3.6139143714	2330.9880709
203	airbus	.	59	105.71955117	105.29075366	25.46813856	4.73824264	2741.4618282
204	airbus	98.176296764	60	53.749134607	.	25.54578925	3.7142005991	378.82578267
205	airbus	.	60	53.801672886	.	34.147519961	3.5058165344	742.80380536

Obs	aircraft	duration	no_pasg	speed_ground	speed_air	height	pitch	distance
206	airbus	228.00061803	60	58.902874412	.	31.57923272	4.247532358	595.03131683
207	airbus	.	60	59.458936191	.	30.767435238	4.1920197594	538.3807833
208	airbus	131.29381605	60	60.030583944	.	36.994580011	4.1632052963	581.81011986
209	airbus	190.76839447	60	74.515777176	.	44.463104189	3.7635014625	1122.1889389
210	airbus	107.22690496	60	75.899770193	.	22.058367276	4.2319279347	778.16077498
211	airbus	140.69948077	60	75.939639734	.	16.330513276	4.4329903211	990.14581436
212	airbus	207.95313058	60	76.826789553	.	33.620477576	3.5702552916	1181.7354093
213	airbus	210.56817007	60	77.464115725	.	24.066692815	4.8369570565	1023.1046583
214	airbus	161.24369046	60	77.831631986	.	45.600473454	4.0316944091	1173.4058776
215	airbus	117.44478593	60	77.927433723	.	18.992128882	4.1218602023	779.89722901
216	airbus	179.55603115	60	81.17964479	.	33.227987432	3.9930417239	1159.3467825
217	airbus	88.442268547	60	81.339923306	.	19.557890125	3.4329620233	1101.5591901
218	airbus	186.19502668	60	82.492749703	.	38.180765115	2.8672552009	1143.1221818
219	airbus	147.81402601	60	84.685046724	.	45.643491432	3.6631635685	1454.2976548
220	airbus	184.67446394	60	88.800573731	.	20.822805292	4.0876835646	1366.4055772
221	airbus	156.3172855	60	88.880244981	.	29.78919442	4.2360745318	1588.8171307
222	airbus	182.26711081	60	89.708775052	.	32.738775306	3.3353309955	1479.4334321
223	airbus	.	60	91.866333324	.	27.403567281	3.7152876349	1542.8952426
224	airbus	168.55748285	60	93.269235943	.	33.652452468	3.3418675584	1858.0520538
225	airbus	45.635423091	60	93.793862117	.	42.830935448	4.271324799	2003.4386496
226	airbus	127.30609635	60	99.689595816	99.459199839	28.970863899	4.1071025677	2032.7742548
227	airbus	141.88878266	60	103.86692593	105.55936652	38.127301967	4.2399183129	2711.4636167
228	airbus	112.87149908	60	104.45540038	103.6715358	23.783587114	3.9026553246	2488.9984842
229	airbus	192.58242214	60	110.40812301	110.03857243	39.817280966	2.8261841488	2919.5793129
230	airbus	131.73109556	60	131.03518222	131.3379485	28.277965541	3.6601936464	4896.2946083
231	airbus	100.25307248	61	41.100991383	.	34.563941861	3.490938919	668.93320023
232	airbus	207.69159848	61	54.542338048	.	19.610845089	3.9730540461	397.01200564
233	airbus	153.43737249	61	54.593475453	.	29.148613678	3.2715631978	424.16175773
234	airbus	180.34832004	61	59.151548819	.	27.880038685	3.2393236004	475.15489957
235	airbus	110.40145065	61	59.530943938	.	33.424855759	3.2326512955	657.50399554
236	airbus	175.53311361	61	65.037084787	.	13.807590435	3.4948549953	280.80440304
237	airbus	117.25925859	61	66.079801141	.	14.565008188	3.7122960454	436.14783447
238	airbus	197.97505745	61	69.865454682	.	31.209203849	4.0750833197	767.92667699
239	airbus	218.87542131	61	70.701596429	.	34.608578408	3.3317046104	737.56722749
240	airbus	195.66108684	61	72.629132783	.	24.362144258	3.6399453721	714.32599432
241	airbus	188.92400256	61	72.880432107	.	49.080433362	3.8962081787	1133.5518485
242	airbus	137.85119675	61	76.095669177	.	25.085483607	3.2348739516	691.69135707
243	airbus	31.7016661	61	76.354176433	.	30.991021813	2.8173796019	948.47376723
244	airbus	215.14222119	61	76.358050779	.	34.755564291	4.6254327939	1085.8222616
245	airbus	217.73016541	61	77.054643337	.	28.868081225	3.7764205095	877.32754553
246	airbus	127.22893936	61	79.625978745	.	32.896377007	3.7480779519	1059.545819

Obs	aircraft	duration	no_pasg	speed_ground	speed_air	height	pitch	distance
247	airbus	122.60221689	61	82.348277697	.	30.263502564	3.83272325	1219.3075837
248	airbus	.	61	83.667404333	.	15.021858736	5.5267842132	1550.6995775
249	airbus	94.429537667	61	86.419537063	.	25.403277842	4.7193286799	1561.029784
250	airbus	140.49315132	61	92.386358809	.	19.293455316	4.050724597	1714.8999963
251	airbus	179.89848728	61	93.177328078	.	37.574963078	4.32476301	1938.5305461
252	airbus	.	61	98.797757495	101.17577455	25.4439203	4.9106775155	2407.7887178
253	airbus	.	61	100.00688904	97.778193537	18.847637969	3.1094499278	1835.3799986
254	airbus	140.41823982	61	100.08903805	100.5114311	35.489404508	3.5271737885	2369.0840379
255	airbus	194.68890207	61	113.81884043	113.57055032	33.46677406	3.6310323774	3296.3649527
256	airbus	220.05712745	61	120.55794402	118.28817977	15.665658061	4.1112652915	3499.7335809
257	airbus	175.6902467	62	56.58802737	.	48.835248392	4.0231513901	840.85570823
258	airbus	94.595394045	62	63.618755012	.	31.619173639	3.6040687475	574.17385128
259	airbus	111.87790418	62	68.193847243	.	31.787292733	4.3582512208	709.55964462
260	airbus	94.490636016	62	69.283901134	.	32.274716305	4.1201658944	836.48963413
261	airbus	163.52364053	62	72.028024252	.	0.086105484	3.6220566648	537.91958189
262	airbus	162.52084082	62	74.91630489	.	14.399868335	3.1129303364	433.66000569
263	airbus	273.59111286	62	76.185916842	.	19.269834574	4.102909108	789.14106847
264	airbus	.	62	77.729568204	.	12.353622855	4.4082857766	821.01947272
265	airbus	183.13132725	62	81.250209109	.	29.005215492	4.029149785	1193.0813841
266	airbus	127.80752316	62	81.759884177	.	38.956886389	4.4503570367	1526.7508855
267	airbus	103.47744973	62	85.02644786	.	11.716588101	3.8585210867	1287.763774
268	airbus	128.58715752	62	86.239504411	.	10.753780476	4.1132082314	1158.5891786
269	airbus	130.90225189	62	87.06464491	.	36.293850563	3.8649213221	1606.312266
270	airbus	117.97268767	62	88.11053105	.	28.395271449	3.8373781497	1539.7613606
271	airbus	191.36156326	62	88.394240467	.	28.348755793	4.3624777487	1465.2593262
272	airbus	58.973877842	62	88.66267132	.	16.224468166	2.8296991893	1359.840654
273	airbus	173.36642408	62	92.304552545	.	19.239238533	3.3970755665	1451.3961532
274	airbus	164.83945355	62	93.399403705	95.570546707	25.82690612	3.1034419623	1868.1652411
275	airbus	95.847324908	62	96.922695596	99.836951088	21.418855429	3.8448922111	2093.9965956
276	airbus	149.33130581	62	98.727521174	98.147932276	16.09713944	4.3182462482	1885.7456024
277	airbus	110.58281561	62	99.691905653	97.490785232	24.088742996	3.8724027831	1783.8129154
278	airbus	161.23109432	62	100.63019337	100.87746159	20.288654665	2.8616402098	1990.8532282
279	airbus	123.07246298	62	106.07949219	105.31302869	32.780367217	3.3629035953	2493.1981649
280	airbus	158.53503015	62	118.51897858	117.65423338	25.785069143	3.5236553234	3469.1467667
281	airbus	42.146226159	63	46.264718501	.	20.490711515	3.4819121545	383.55849778
282	airbus	212.05403613	63	51.587044527	.	20.451285811	3.063686215	133.08690985
283	airbus	50.051166433	63	55.959266842	.	39.208149657	3.7037746143	833.57494765
284	airbus	156.10258603	63	67.876504543	.	31.007159707	3.8732780529	637.64811557
285	airbus	231.88117414	63	68.897746638	.	31.850023041	3.8115226275	764.03994751
286	airbus	104.6341753	63	69.083940765	.	28.397461881	4.1725671613	812.31993404
287	airbus	137.80766769	63	69.123116925	.	31.151681226	4.0563936902	825.11172234

Obs	aircraft	duration	no_pasg	speed_ground	speed_air	height	pitch	distance
288	airbus	81.884786871	63	70.803896284	.	36.422431065	3.6065243406	816.95898301
289	airbus	184.5313225	63	71.21070304	.	20.941129037	3.6300802089	615.76123718
290	airbus	256.15695287	63	73.143910488	.	37.064138292	4.6485208655	1242.8400471
291	airbus	118.57607182	63	75.368171615	.	31.340776135	3.5580199527	960.25559642
292	airbus	61.206765842	63	76.03590209	.	27.951556914	3.7980803334	1296.7672543
293	airbus	200.62136624	63	77.148459304	.	23.602422529	3.020177825	899.43055864
294	airbus	87.89550164	63	77.219309676	.	27.549527616	4.0913662087	1076.2259181
295	airbus	180.37016335	63	81.060890918	.	24.403675717	3.5144284379	1075.1490733
296	airbus	89.279301967	63	82.738890437	.	34.431394168	4.2458381335	1511.4644415
297	airbus	213.6404677	63	84.914206697	.	36.431090015	4.1769917214	1829.1616467
298	airbus	141.96833358	63	85.849362338	.	46.468182053	3.4015527555	1492.6717204
299	airbus	106.29254173	63	92.807826757	.	31.324910026	3.4806892337	1477.8598122
300	airbus	208.1607048	63	93.508028321	.	36.979298044	3.9378846853	1786.8758779
301	airbus	139.57506186	63	95.678142486	.	31.647087969	3.6392855138	1819.5924417
302	airbus	99.148062915	63	97.096913917	96.913737767	33.144245658	3.5162975656	2060.1694249
303	airbus	130.85088326	63	97.379504716	96.729593787	22.499125622	3.8106767874	2092.8564123
304	airbus	177.25964923	63	98.593618452	97.483929892	22.1261515	3.4315594368	1899.7084278
305	airbus	199.33501381	63	106.32542252	105.11006821	42.972776316	3.62633033	2762.4760516
306	airbus	123.18315223	63	106.92922516	106.7602536	26.927859592	3.2035138242	2770.4296167
307	airbus	192.28287317	64	33.574104065	.	36.970689868	4.3584643374	782.7174172
308	airbus	60.533644154	64	52.984126923	.	23.865002573	4.3227383141	487.46866562
309	airbus	128.37336566	64	55.461625107	.	14.65127605	3.9792117538	180.56522534
310	airbus	163.2311892	64	56.318804267	.	28.374443959	3.2621400251	479.57538743
311	airbus	.	64	59.41387612	.	43.968696323	2.6689056845	626.23203528
312	airbus	133.50735327	64	60.184574838	.	31.105525387	4.2692052208	512.84297813
313	airbus	124.91058524	64	65.764001182	.	36.571837554	3.2368359937	606.02998005
314	airbus	122.73194165	64	67.915050929	.	34.477029282	3.9226490939	776.2641861
315	airbus	149.83829777	64	70.225958233	.	18.128489249	4.3761025513	626.82012635
316	airbus	302.96712319	64	70.227253273	.	37.418397026	3.249907311	847.92908008
317	airbus	.	64	72.646992664	.	28.919946606	4.0969277745	941.34009552
318	airbus	183.35334567	64	78.910594798	.	25.517741657	4.4930816443	870.0946567
319	airbus	121.12762217	64	81.327805718	.	39.359263554	4.5092846346	1419.8524601
320	airbus	207.10845238	64	83.001262933	.	19.737765051	4.4728465723	1116.5588173
321	airbus	148.44727207	64	84.34088335	.	11.671763822	3.3398414652	1085.4841354
322	airbus	207.17299231	64	85.506898711	.	21.388842147	3.8142716977	1304.9028833
323	airbus	155.98658138	64	86.025136467	.	41.656116852	3.7216443692	1598.20407
324	airbus	.	64	89.484021106	.	23.529869193	4.8568314412	1643.1016906
325	airbus	68.155949889	64	91.949607531	.	27.805329017	3.8092130805	1878.7641823
326	airbus	79.343951801	64	92.534347718	.	22.228410408	3.5995757116	1816.9775926
327	airbus	161.09215447	64	94.526255342	.	49.239984741	4.5063742177	2134.1932905
328	airbus	109.91358442	64	95.802818747	.	21.549527519	3.4941462523	1711.4941746

Obs	aircraft	duration	no_pasg	speed_ground	speed_air	height	pitch	distance
329	airbus	108.72206895	64	99.817383459	100.30989703	16.215280593	4.314091631	2080.219501
330	airbus	157.57858379	64	101.37496522	101.35383408	21.405235851	3.2399654772	2028.9675819
331	airbus	169.74937522	65	43.923555127	.	43.050770801	3.365143744	735.82341111
332	airbus	.	65	59.204403387	.	29.594010453	2.885684557	555.76173679
333	airbus	98.992616536	65	66.226605716	.	31.51566151	4.2386850823	587.1886723
334	airbus	111.21465285	65	68.363998888	.	47.389318473	3.3134152585	969.5455753
335	airbus	188.91188031	65	71.642793788	.	27.367955169	3.3622425298	642.45461873
336	airbus	146.46668879	65	72.047967859	.	33.336746044	3.9285188111	739.73734536
337	airbus	274.21773493	65	84.136858635	.	28.401059676	3.593594411	944.66620396
338	airbus	.	65	84.4239765	.	33.537263808	3.6276629705	1204.6697378
339	airbus	144.82275142	65	92.587111717	.	20.58854013	3.1980327283	1710.3486626
340	airbus	173.77141498	65	94.741799868	95.28744661	38.731918151	3.1587029959	1882.9412491
341	airbus	184.61819262	65	95.6169719	95.011364567	23.278395414	4.5655511197	1763.7710753
342	airbus	71.569545479	65	95.782272414	96.312881608	27.686330444	3.4171401102	1740.9018894
343	airbus	154.23622614	65	102.87894145	100.66930601	24.347516208	2.9357567095	2119.3135955
344	airbus	121.91996388	65	108.14498347	106.7040008	21.444463325	3.3553673082	2435.824509
345	airbus	214.72721394	65	114.64796613	114.16251635	35.640281516	3.800254855	3541.5777554
346	airbus	191.31092943	66	44.258483846	.	49.28774347	3.6971400614	901.40670443
347	airbus	142.5876457	66	51.158228388	.	8.559069177	3.9134477851	242.59588646
348	airbus	182.44776305	66	52.70784152	.	24.302641153	4.1859666088	317.81268659
349	airbus	106.37363508	66	53.372409811	.	51.00335315	2.8275572524	538.97414789
350	airbus	179.99562817	66	57.243835228	.	35.325529113	3.0665057372	383.57772124
351	airbus	.	66	62.006182569	.	36.596917427	3.7081461182	742.19173933
352	airbus	149.20859096	66	63.817889502	.	11.238021337	3.6038718062	370.47074159
353	airbus	142.46940356	66	63.918959665	.	30.153465712	3.0650903012	428.99182821
354	airbus	113.38609082	66	64.35053655	.	28.293858818	4.3976129015	537.85612445
355	airbus	143.52069259	66	78.580289917	.	33.75012614	2.2844801423	1011.337258
356	airbus	.	66	81.975974355	.	18.261403443	3.8934084614	1104.1815906
357	airbus	.	66	83.134231231	.	26.318128781	3.4396450566	1093.9088123
358	airbus	119.1088102	66	93.918984258	.	11.198044368	4.2638480897	1504.7458855
359	airbus	217.12308376	66	94.81425838	97.631341718	33.058365517	3.8235547791	2017.6011486
360	airbus	191.42501689	66	98.263990989	99.960634468	45.148966751	4.3938999096	2640.3788446
361	airbus	247.49599004	66	100.75477196	100.83679396	19.028711072	3.1679780428	2123.1470877
362	airbus	77.464034164	66	103.31638732	98.129928636	20.116603599	4.3338350768	2167.2727688
363	airbus	98.500307809	66	123.31053074	124.39076754	22.327175815	4.2767104875	4295.9006131
364	airbus	137.58572784	66	126.24430054	127.93710766	35.175701305	2.7019236952	4795.6357056
365	airbus	203.38738009	67	60.560085102	.	29.772632177	3.7461562294	698.89504068
366	airbus	80.477362793	67	60.789195406	.	33.797453043	3.7235699727	563.10266864
367	airbus	157.93753687	67	61.153699477	.	34.590458026	4.5923499389	867.00783196
368	airbus	152.55802286	67	75.56452452	.	48.517402547	3.5055706483	978.87284361
369	airbus	248.09939047	67	83.35184482	.	39.979702294	4.0038857407	1083.1791276

Obs	aircraft	duration	no_pasg	speed_ground	speed_air	height	pitch	distance
370	airbus	109.544489	67	85.056320943	.	28.1756833	3.7633150125	1553.5002911
371	airbus	150.03039205	67	87.571644271	.	17.538249231	3.022594749	1219.6239018
372	airbus	168.63938031	67	88.522770061	.	36.185138884	3.8278902051	1574.1956723
373	airbus	177.21763924	67	90.672604544	.	30.354887662	3.713248994	1638.1159898
374	airbus	224.05188771	67	96.439482423	.	29.385842916	3.4550924019	1728.491126
375	airbus	149.36036239	67	98.02641239	99.421688766	40.993052838	4.7268210237	2440.381218
376	airbus	145.1702721	67	109.61058292	107.31454298	27.894764076	4.2154127887	2781.7263302
377	airbus	147.71752673	67	114.84660812	113.17086267	58.227799736	3.6727589287	3665.8038693
378	airbus	157.91497689	68	56.497986661	.	-0.067758596	4.6928768405	380.36298195
379	airbus	261.38701422	68	57.08470944	.	15.761691561	3.8049960732	350.60240534
380	airbus	119.63145772	68	66.361535504	.	34.624978263	4.024319476	883.59894001
381	airbus	176.45413738	68	67.759351477	.	44.616542275	3.7843972782	786.13954854
382	airbus	129.67260359	68	67.955731399	.	14.717433562	4.3023776071	436.67877934
383	airbus	.	68	70.707712535	.	44.063655273	3.4282165895	1004.1678423
384	airbus	139.94194516	68	73.282728337	.	25.983547876	3.6736862744	805.09674217
385	airbus	112.82402756	68	73.967306258	.	20.109303351	4.3437927734	755.78531005
386	airbus	217.83662289	68	77.667039183	.	35.216988432	3.1762084946	1070.815564
387	airbus	193.7999709	68	84.980483844	.	27.986606395	4.4952937942	1522.9603513
388	airbus	194.99198538	68	91.15047186	.	15.378493757	3.5127744454	1445.1634341
389	airbus	234.44331062	68	92.644631919	.	43.077414069	3.8622136718	1860.8023
390	airbus	122.73330136	68	94.351548777	97.566738197	45.457865547	4.211725648	2376.8009789
391	airbus	.	68	99.590180051	97.60461733	42.895159857	3.6363220884	2027.0504154
392	airbus	151.67842212	68	100.64166822	102.11014774	32.97737358	4.483191608	2454.2031721
393	airbus	239.99221823	68	104.1958642	104.96261104	27.317381381	3.8378238036	2606.2495663
394	airbus	183.61849925	69	53.539242523	.	31.739422907	3.5237749131	349.15851648
395	airbus	199.43713308	69	58.10907688	.	24.20102213	3.6341657268	418.01946274
396	airbus	216.55809748	69	59.851661953	.	28.24462139	3.4294862595	758.98725696
397	airbus	.	69	61.534975798	.	54.27604275	4.2536409251	880.39785042
398	airbus	157.87421465	69	63.311560067	.	41.290286144	4.0134365838	698.48281232
399	airbus	.	69	66.20583878	.	22.779396611	2.9984599553	499.18883384
400	airbus	150.55059412	69	67.817422299	.	41.12151685	4.20268539	925.67840608
401	airbus	.	69	68.729076653	.	28.504682353	3.6682908219	669.51178213
402	airbus	62.305584888	69	74.463003493	.	28.601781361	3.6786637331	1083.7317457
403	airbus	204.5643728	69	76.614822894	.	11.472293317	3.2632435552	636.74137583
404	airbus	.	69	81.18518654	.	27.687387698	3.3522936228	992.4270648
405	airbus	177.19166302	69	92.808986814	.	29.646414652	4.1643874773	1960.4768127
406	airbus	182.6455026	69	105.88724848	107.52803809	35.286188926	3.3899871506	2948.809709
407	airbus	115.38287235	70	56.843390553	.	41.061980861	3.503821944	754.78284838
408	airbus	184.34738048	70	73.009444126	.	31.024318401	3.9901546936	884.34821909
409	airbus	187.5293351	70	74.599009876	.	17.904767708	4.6306135193	892.98397432
410	airbus	142.06310851	70	74.891135811	.	32.800413715	3.0168055842	811.32244384

<b>Obs</b>	<b>aircraft</b>	<b>duration</b>	<b>no_pasg</b>	<b>speed_ground</b>	<b>speed_air</b>	<b>height</b>	<b>pitch</b>	<b>distance</b>
411	airbus	147.2498181	70	87.997429897	.	34.080792061	4.401251822	1467.7002939
412	airbus	88.527549113	70	89.169632879	.	19.839149264	4.00675958	1315.9735963
413	airbus	132.14387992	70	90.181873333	.	23.844478547	4.2333301803	1539.6855207
414	airbus	116.60449798	70	94.024301167	.	24.367356175	3.6647567985	1610.4152961
415	airbus	249.89360363	70	99.069709651	98.871419862	36.195843364	4.491129194	2268.7826989
416	airbus	.	70	100.9894669	102.46163794	19.703120709	4.3621150325	2348.6175889
417	airbus	110.83592704	71	78.043273673	.	29.508907455	4.5824512999	1122.2836189
418	airbus	83.53692353	71	78.511819946	.	18.34178955	3.5732799299	785.96436759
419	airbus	65.127179167	71	78.518973911	.	22.217104176	3.967321438	1085.6066343
420	airbus	199.57946105	71	81.55425377	.	30.047990166	3.838942736	1264.9324287
421	airbus	167.25061728	71	82.951178677	.	53.438618095	4.034663926	1484.9603318
422	airbus	182.74887203	71	84.333339769	.	28.932963149	2.9914135514	1190.0228225
423	airbus	190.8336252	71	93.79901336	.	45.784826363	3.9702077249	2143.274116
424	airbus	55.919444349	71	98.673302234	98.938700942	40.214749419	3.879809029	2189.9957286
425	airbus	199.50282008	72	58.512146812	.	38.590930739	3.5470466288	432.73222589
426	airbus	156.43617624	72	81.747186874	.	36.077106783	3.7321213369	1125.9695372
427	airbus	156.01335532	72	96.413153673	96.126965377	20.472816347	4.3048320152	1816.5941449
428	airbus	.	73	63.070170569	.	48.868703509	3.7846317788	842.85423856
429	airbus	241.45247872	73	77.967591306	.	28.975526488	3.5296739196	1000.5871657
430	airbus	98.769254269	73	91.268557287	.	37.505115494	3.8389510815	1818.9575804
431	airbus	149.61801294	73	91.580940675	.	30.855544327	3.2691048765	1457.0479014
432	airbus	103.09084673	73	92.994942381	.	-3.332387973	4.8305592948	1567.6657219
433	airbus	207.39498223	73	104.70010613	107.78665842	9.6972160002	3.1724565811	2340.5827973
434	airbus	250.58170358	74	73.197580615	.	45.397326099	3.8514883195	1013.301747
435	airbus	160.31996258	74	77.64145513	.	27.197062658	4.6999622915	863.79800854
436	airbus	.	74	79.443488142	.	37.19716518	3.9370030837	792.98641747
437	airbus	162.96469442	74	79.659629494	.	31.448253109	3.8075017695	1092.8748503
438	airbus	162.78754971	74	95.509000539	.	37.350306237	3.8995015135	1685.3805567
439	airbus	165.49898233	75	56.981643421	.	40.385317066	4.3309997744	762.73376986
440	airbus	119.51313707	75	82.099356333	.	39.809531294	2.779053526	1186.6764296
441	airbus	164.62294861	75	86.603008862	.	27.66435906	4.5796739341	1366.3827454
442	airbus	140.45311445	75	120.41894805	118.48470398	31.263445532	2.7967314066	3470.5838289
443	airbus	182.88208717	76	66.331552053	.	30.280571581	3.4677718628	616.14738739
444	airbus	130.37394533	76	72.344900099	.	32.485759069	4.2856179096	839.24564287
445	airbus	91.651572269	76	89.539601126	.	47.598805099	4.298323337	1862.5550085
446	airbus	190.7394255	77	47.882117055	.	14.835964361	2.7322842836	41.722312733
447	airbus	106.81927691	77	63.222207811	.	34.759322047	3.915841151	656.18695658
448	airbus	206.55378907	77	76.457173777	.	31.918146708	3.8023203942	877.018871
449	airbus	132.46942492	80	100.01055305	100.891677	41.033010684	4.2975016214	2554.8330623
450	airbus	96.765375204	82	90.744313306	.	33.024489327	3.545556835	1811.98402
451	airbus	185.4025176	87	92.12527293	.	45.093607704	3.4182713652	1826.8010013

Obs	aircraft	duration	no_pasg	speed_ground	speed_air	height	pitch	distance
452	boeing	159.22116836	29	62.699670618	.	27.145647213	3.6351738156	1016.9505364
453	boeing	163.96367943	42	78.282488619	.	15.730271196	4.0579920873	1328.9854598
454	boeing	155.00792518	43	92.130909422	93.675816291	35.186988882	3.6908539437	2370.007204
455	boeing	206.06572604	44	61.847975974	.	26.939627352	3.9372737398	896.58091126
456	boeing	177.26527713	44	70.014674739	.	22.164163332	5.0506430012	944.2389353
457	boeing	124.94457133	44	72.546668651	.	42.859879536	4.028501716	1321.1606709
458	boeing	83.515006172	44	95.068731567	96.084198669	17.376660338	3.2011486815	2183.7983628
459	boeing	148.01383881	45	85.30664108	.	33.592811671	3.8580195191	1683.3057381
460	boeing	141.93411511	46	27.735715303	.	24.400127629	4.3682093233	1323.7157777
461	boeing	142.15534911	46	39.769294325	.	39.655921061	4.5992872267	1030.457488
462	boeing	212.29018	46	89.533713205	90.626181428	35.494742904	4.0010380484	2148.1079287
463	boeing	260.03401677	46	91.656696218	93.054834352	44.601461257	3.6923081945	2482.6563138
464	boeing	189.6629425	46	105.68599131	107.65427149	36.485676065	3.5484269617	3447.3615042
465	boeing	147.75443364	46	110.14590326	110.60412114	25.817052927	4.7258496052	3435.3918022
466	boeing	150.39249011	46	112.10343544	111.43506922	19.7157721	4.5043931104	3479.1328084
467	boeing	171.20478082	47	44.640038638	.	35.051784806	3.9109809065	993.18386593
468	boeing	228.96326107	47	59.439028553	.	8.7268654925	4.0336203157	653.61609083
469	boeing	99.102933856	47	73.85437083	.	18.779687337	4.9150242402	1352.959628
470	boeing	146.38562216	47	90.354274819	.	14.114268518	4.0402550027	1593.0611271
471	boeing	156.80568995	47	95.322576422	94.215160768	30.270100189	3.6451345759	2233.0489624
472	boeing	211.88872874	48	43.174799431	.	34.918422109	4.025280804	1057.1531205
473	boeing	146.19877423	48	55.427606198	.	21.785707448	4.7511947442	777.33787486
474	boeing	137.72738084	48	57.901337428	.	30.587319813	3.5353349684	831.09478796
475	boeing	209.67206752	48	76.515741847	.	41.40728351	4.1932644003	1398.2397027
476	boeing	56.55062968	48	84.551886154	.	26.393957229	4.8816392442	1531.6355717
477	boeing	174.60689592	48	100.27342608	98.716047714	25.320301802	4.1610579048	2503.7000627
478	boeing	166.10453073	48	116.59249189	118.0114174	13.26323991	3.1339588754	4129.0422604
479	boeing	117.02007338	49	54.729138547	.	26.061626528	4.4497617336	800.13464832
480	boeing	162.45273186	49	57.65125066	.	30.305425419	3.9341591214	981.8893648
481	boeing	177.62133285	49	65.570869498	.	8.8251728965	3.6673684977	839.26516938
482	boeing	97.76437201	49	66.192530367	.	47.715701656	3.6191908432	1595.1338347
483	boeing	186.68141397	49	66.417230464	.	44.692695788	4.1135438115	1176.0276765
484	boeing	161.10734359	49	80.130144171	.	31.190275265	4.8073484416	1361.9103755
485	boeing	213.98450886	49	80.394057703	.	16.962413199	4.0980200281	1531.2870582
486	boeing	126.94651352	49	84.588609025	.	37.080439428	3.3443854922	1814.7887866
487	boeing	92.450287837	49	101.5435039	101.84980019	18.169394071	4.8226833856	2573.0532475
488	boeing	114.76272432	49	107.13151958	107.51990264	25.200025499	4.6795028112	3011.3797378
489	boeing	71.877046469	50	40.676738571	.	39.550442157	4.1852995438	974.57210835
490	boeing	73.127692927	50	46.541887353	.	14.603086808	4.0817709211	731.2032589
491	boeing	131.52086125	50	48.325200825	.	29.337217117	3.6212473892	967.46412609
492	boeing	136.64928054	50	61.202449961	.	28.405156035	3.9999589106	1123.4040619

Obs	aircraft	duration	no_pasg	speed_ground	speed_air	height	pitch	distance
493	boeing	193.51036702	50	63.262519	.	32.108376382	3.9039030111	1100.3514245
494	boeing	194.84869379	50	64.458041102	.	34.548124805	4.6054192743	962.79014726
495	boeing	183.07118278	50	83.268372214	.	26.899228747	4.6010647985	1479.8423079
496	boeing	149.46417091	50	85.626544184	.	32.542946798	3.718828622	2046.0738518
497	boeing	93.781362732	51	42.61322981	.	37.945696039	4.6342702819	1122.0329633
498	boeing	217.50312565	51	53.691922053	.	19.911567238	3.1126360731	984.42773287
499	boeing	96.71237774	51	56.645400488	.	26.53804471	4.2228939729	1048.6182004
500	boeing	211.17454032	51	65.104876757	.	27.033533644	4.4171773513	980.45281693
501	boeing	178.71333071	51	70.480194088	.	7.5824945838	4.8167893156	822.2286414
502	boeing	84.368450612	51	75.116022418	.	34.879568015	3.9307575129	1270.3031785
503	boeing	183.38305244	51	83.56114456	.	42.053935847	3.686819564	1826.7638815
504	boeing	129.92837141	51	84.349981219	.	23.855175656	4.6183945357	1671.1264651
505	boeing	193.99574238	51	84.840923885	.	23.302265488	4.9566399591	1769.7810202
506	boeing	31.391008253	51	98.219800666	99.057514589	52.473140903	4.1623371208	2808.3151244
507	boeing	136.32776148	52	38.259020081	.	28.338283561	3.9376315891	981.14796314
508	boeing	222.70208536	52	39.725711308	.	33.265348033	4.4522817052	1037.914549
509	boeing	71.573834716	52	46.965489789	.	48.836222177	3.7268981671	1136.0148411
510	boeing	247.98401016	52	62.90034686	.	42.127629148	4.8356172109	1021.992946
511	boeing	198.37390585	52	69.097979803	.	35.271396162	3.7346212547	1111.7933647
512	boeing	206.9495941	52	69.382166673	.	24.740341243	4.0279838777	1005.1180491
513	boeing	130.41743052	52	71.681487926	.	9.688307724	3.7585464091	975.34125596
514	boeing	133.76501239	52	80.419749959	.	11.974067057	4.2529531989	1200.935888
515	boeing	196.46411848	52	81.533090888	.	22.411979234	3.702074231	1587.3880099
516	boeing	201.8908613	52	81.552420657	.	25.600201778	4.1334046688	1646.6971512
517	boeing	95.297732211	52	92.769372634	91.072495358	35.463228123	4.234651479	1960.400037
518	boeing	121.93411774	52	99.853089005	100.66155809	17.884147663	4.6385660147	2478.60892
519	boeing	195.28768108	52	111.12792844	109.8216216	28.883346002	4.766634547	3439.7254669
520	boeing	130.46356358	52	116.71343434	117.65649967	36.195527446	3.8943524297	4240.0941825
521	boeing	277.17600519	52	119.65393667	120.19232219	25.182762649	4.9342407496	4292.1675118
522	boeing	63.32952055	52	132.78467664	132.9114649	18.177030219	4.1106642414	5343.2009539
523	boeing	163.73992283	53	44.394275805	.	37.763521555	3.8154730289	996.87232711
524	boeing	146.54974486	53	58.288973718	.	27.968682076	4.3118895338	919.04747904
525	boeing	105.9719547	53	64.193536196	.	30.29964051	3.8127964757	1053.6333364
526	boeing	153.65742555	53	79.413854562	.	14.4479785	3.2463483541	1240.2804099
527	boeing	146.34521506	53	84.943445968	.	24.874630657	3.8893269176	1658.969957
528	boeing	287.00251573	53	91.399926159	93.343173573	26.329234721	4.6584345975	2020.2731572
529	boeing	112.90009528	53	98.180410862	99.135830727	28.152991316	3.9874712191	2586.6650864
530	boeing	190.94950044	53	100.58974916	98.339305566	18.835040835	4.4880834024	2164.521515
531	boeing	98.4790912	53	107.91568005	109.32837648	27.418924252	4.0435145715	3369.8363638
532	boeing	179.98183168	54	41.204141157	.	35.729484049	4.9440403076	898.307233
533	boeing	137.92287323	54	47.148822575	.	46.42619482	5.1183234022	1128.968076

Obs	aircraft	duration	no_pasg	speed_ground	speed_air	height	pitch	distance
534	boeing	73.023794916	54	54.4298029	.	24.03532163	3.8376457299	805.30399317
535	boeing	254.10529467	54	63.275914069	.	41.334169856	4.2581993926	1183.9204312
536	boeing	141.64645173	54	64.99673603	.	12.720887595	4.3681656285	960.18473411
537	boeing	131.03064082	54	69.741407968	.	37.513591055	4.2882663909	1387.7685206
538	boeing	221.51726012	54	73.466804495	.	42.13800428	3.4653573854	1526.5588456
539	boeing	164.2297339	54	76.13164105	.	28.045195464	4.5754455924	1267.7619634
540	boeing	191.01846138	54	80.330398441	.	48.426731903	3.689757889	1809.4595873
541	boeing	152.73119726	54	83.655266858	.	25.684334148	4.4463077911	1470.7842588
542	boeing	139.38418182	54	84.095883702	.	37.317578277	3.8734612582	1853.9601925
543	boeing	72.416768281	54	85.467591421	.	34.043887949	4.1820891826	1978.3114087
544	boeing	187.20999223	54	88.566727615	.	14.748572684	3.9418381552	2041.6723412
545	boeing	211.08978276	54	89.950891045	91.119337499	33.658158206	4.2850288805	2110.2910317
546	boeing	72.289633216	54	93.391762435	92.869561214	32.223489271	3.8182761471	2128.708285
547	boeing	244.15892899	54	102.86233926	104.43770673	27.615829776	4.6752390451	2792.9711992
548	boeing	180.61655753	54	141.21863535	141.72493569	23.575935009	5.2168022511	6533.0476506
549	boeing	196.85627619	55	42.529714102	.	27.591837996	4.4852938434	872.57542081
550	boeing	225.55508155	55	55.547211349	.	36.419841948	4.4902032507	1053.8265214
551	boeing	193.49660053	55	56.914846281	.	33.286273678	4.0174909548	969.95936346
552	boeing	70.973088175	55	58.893753411	.	26.034925195	4.3139729914	987.78832224
553	boeing	270.59594972	55	63.193085808	.	20.801467416	4.0098154916	829.07888581
554	boeing	185.8033861	55	65.002039664	.	48.277120042	4.6626359629	1299.3556792
555	boeing	148.48487906	55	68.774979774	.	20.505335501	3.3663786573	1191.9397318
556	boeing	176.54251382	55	69.899813333	.	11.990372995	4.4587491703	812.22299178
557	boeing	137.59581722	55	75.014343744	.	41.21496259	4.203853398	1627.0681991
558	boeing	118.63054039	55	79.994815042	.	29.366866101	4.4071812572	1515.9652753
559	boeing	86.580598274	55	80.390888645	.	37.014301824	3.6518541525	1426.5078042
560	boeing	163.78758153	55	82.559399461	.	37.122437211	3.5971706577	1813.8426449
561	boeing	79.275891735	55	90.253814593	90.367403727	40.279043115	3.9460448944	2001.0544269
562	boeing	89.358081787	55	111.20254724	110.68407583	41.852413182	3.8616434264	3698.1257979
563	boeing	163.90650312	55	119.3804635	120.44470797	38.558536007	3.7014493887	4524.2788621
564	boeing	151.45816901	56	41.610329524	.	25.010603482	4.6123785855	735.79917826
565	boeing	191.12245642	56	42.019805613	.	43.876050312	3.4078226175	1089.0527095
566	boeing	71.750943009	56	55.791761883	.	25.806962591	4.2245522816	671.30322121
567	boeing	183.29960065	56	60.225343326	.	36.486291546	4.4718126833	914.22410463
568	boeing	176.86203205	56	61.796710514	.	36.748816124	4.1843990127	1137.7457579
569	boeing	145.16618815	56	67.281121753	.	38.999617389	4.8029112865	1181.2480163
570	boeing	41.949369362	56	71.212825876	.	38.39864105	3.7230744201	1225.5124632
571	boeing	107.46733468	56	71.965448513	.	32.455027763	3.4805850946	1249.7348532
572	boeing	168.65750283	56	80.921310624	.	59.945963938	3.9520262499	1936.0136293
573	boeing	166.660164	56	82.225871665	.	18.964776414	5.0340665082	1338.4679955
574	boeing	196.82569105	56	85.813327679	.	30.744597235	3.8842361245	1664.2181584

Obs	aircraft	duration	no_pasg	speed_ground	speed_air	height	pitch	distance
575	boeing	105.57835252	56	86.838613713	.	17.785754829	3.6125019702	1723.7486077
576	boeing	147.19561126	56	88.705121104	.	40.94901507	4.1270256473	1967.3586047
577	boeing	130.21784671	56	93.549331648	90.767999862	16.292893992	3.4617629884	1852.0009898
578	boeing	167.61572481	56	110.9901105	109.75178909	58.081789646	4.495264388	3723.0547528
579	boeing	113.36295687	56	113.96402929	113.74609122	44.735463184	3.9379057702	4017.785457
580	boeing	232.79385582	56	123.95687145	122.18668469	26.367547127	4.061951127	4483.8596367
581	boeing	161.10514801	57	47.883210688	.	28.036760187	4.6915095248	745.65270838
582	boeing	52.903187872	57	57.101661737	.	19.388837508	4.6436717769	573.62178606
583	boeing	91.889837592	57	62.63738999	.	33.410929305	4.5781069971	1029.3427816
584	boeing	157.35773231	57	72.327130778	.	26.223285332	4.2231807894	1105.3658522
585	boeing	247.21710205	57	73.313432826	.	20.343993391	3.8794887756	1217.3211669
586	boeing	217.27806787	57	74.018401179	.	41.381926848	4.85323642	1579.7571882
587	boeing	212.95092162	57	79.336328816	.	55.093509149	4.7749364059	1817.3928658
588	boeing	156.84776593	57	83.544413145	.	27.608910033	3.9620061102	1566.2563323
589	boeing	135.16511647	57	85.580908071	.	42.128705594	3.3296046909	2123.800935
590	boeing	161.25144479	57	87.764686412	.	28.320499464	3.7766276074	1987.1538234
591	boeing	95.463778941	57	90.823243776	92.917699283	40.490463157	5.0059508826	2272.0974357
592	boeing	100.97739773	57	91.224131261	90.002858582	45.02439155	4.1036944046	2187.2345662
593	boeing	151.8784165	57	91.508205537	90.50331792	17.087228104	3.6746103159	1780.1098288
594	boeing	136.95959804	57	95.227816049	94.203632315	22.603041623	4.1321979588	2270.0536553
595	boeing	120.82452974	57	102.05411758	101.33561417	20.834549966	3.9853692952	2498.8167045
596	boeing	126.04011666	57	105.71922152	105.10447842	37.325699826	4.0600509244	2984.0236879
597	boeing	134.21929344	58	43.124453971	.	36.98798361	3.8493425417	977.3980544
598	boeing	79.470818126	58	51.836297611	.	18.985617188	4.8265473561	676.18903827
599	boeing	200.4484551	58	54.591785888	.	30.365906105	4.4405907577	925.38573072
600	boeing	198.37167722	58	65.275578745	.	24.898696811	4.3874356737	904.23482542
601	boeing	117.31914798	58	67.051323577	.	34.301590058	3.9585681414	1174.7516579
602	boeing	164.10389844	58	71.182374599	.	35.058268309	3.958377908	1310.6038052
603	boeing	126.26121707	58	72.604057765	.	21.221140598	3.8824870511	971.07095954
604	boeing	228.88024339	58	72.775165291	.	44.697612488	3.9699836905	1570.3399227
605	boeing	187.59954737	58	94.036412942	96.196460585	33.661226156	4.6361847249	2304.857574
606	boeing	125.22795062	58	99.168593593	96.928013479	36.694347458	4.2271664232	2556.5952545
607	boeing	206.16697017	58	104.6639371	104.70414385	38.214350307	5.0516233259	2930.2095004
608	boeing	108.34193403	58	108.1331095	108.50090006	42.952395762	4.6257015342	3545.2527766
609	boeing	153.78655205	58	109.53850934	109.38230052	12.990661148	3.9879573804	3188.2681596
610	boeing	197.1772966	58	113.88913724	113.44548322	33.455375847	4.2330578025	3785.6544181
611	boeing	209.10634824	58	124.56986234	125.98691462	40.101121967	4.6484282637	5147.4101244
612	boeing	223.39922115	59	42.799753094	.	34.552971375	5.2866300246	851.96217314
613	boeing	150.84109663	59	56.441314363	.	20.783114081	3.7320281536	731.33170479
614	boeing	211.1735825	59	61.525983966	.	15.390422594	3.7066521648	751.99314418
615	boeing	249.42692332	59	62.68325229	.	39.918035172	4.4333088665	934.55241454

Obs	aircraft	duration	no_pasg	speed_ground	speed_air	height	pitch	distance
616	boeing	146.18126345	59	65.334357647	.	32.666905195	4.4053438458	968.43681985
617	boeing	161.80081696	59	72.609522005	.	58.08354481	3.670238783	1698.1840267
618	boeing	142.42032129	59	80.433449799	.	19.787504785	4.016768468	1445.8652618
619	boeing	147.99216651	59	80.992495294	.	21.705147966	3.3636279418	1485.5412586
620	boeing	94.432281552	59	86.377162961	.	39.08627076	4.1913777105	1943.1324846
621	boeing	197.87679359	59	88.687580311	90.730473056	38.027848737	5.1184227803	2073.1551564
622	boeing	151.30425348	59	88.956773778	.	12.870102639	4.5444191354	1669.5852914
623	boeing	104.86600055	59	90.20736473	90.790709945	28.275039546	4.7233999816	1880.294666
624	boeing	224.74612525	59	91.222070101	92.752576407	31.3636825	4.2546536804	2174.6991646
625	boeing	169.8441908	59	91.788491845	91.276914115	31.441320625	4.5534097219	2051.218761
626	boeing	205.92344941	59	92.098290527	92.169032549	44.697091672	4.2340698038	2339.3841943
627	boeing	99.156873954	59	93.253559002	93.471079072	25.763979474	4.419371775	2047.6970209
628	boeing	217.92741983	59	96.373307457	97.103361808	29.911515767	4.5521477521	2217.8308897
629	boeing	127.22257688	59	107.61447636	107.87262235	31.388203556	4.5523263153	3133.3479229
630	boeing	14.764207145	59	108.29169029	109.32758442	46.930873666	4.8096217396	3645.6110025
631	boeing	164.23895215	59	113.02952089	113.17469225	38.348270296	3.2768351407	3913.2287255
632	boeing	127.99133129	59	114.29273489	113.86393738	25.46813856	5.13824264	3668.8878406
633	boeing	272.03905778	59	118.92272448	120.39703516	15.049348509	4.1065723599	4279.567211
634	boeing	155.40920579	60	45.068897182	.	34.147519961	3.9058165344	1196.4554672
635	boeing	165.88760768	60	49.168445223	.	28.206547549	3.8902037695	662.1715576
636	boeing	157.14442833	60	52.611914921	.	30.767435238	4.5920197594	825.47834166
637	boeing	136.97552287	60	59.092128964	.	23.936206647	3.227014688	987.55977466
638	boeing	112.47343958	60	63.238252725	.	29.620479559	5.2258651627	832.51894862
639	boeing	122.76726937	60	64.418664168	.	39.039369038	4.4068108589	966.90679057
640	boeing	117.22302611	60	66.457008779	.	28.242811748	4.0939414262	979.60127543
641	boeing	210.96192908	60	70.059553511	.	37.117297093	4.9136444842	1395.1404027
642	boeing	134.82969458	60	73.837974102	.	32.782971127	4.0714235456	1260.6116333
643	boeing	172.67372471	60	78.769326803	.	20.220167757	4.4195736944	1195.942141
644	boeing	157.78543241	60	79.415523264	.	50.840300316	4.2830001144	1960.4303783
645	boeing	186.22325748	60	83.244098511	.	36.093865853	4.6160035246	1771.622268
646	boeing	197.92261066	60	86.700138717	.	27.111513916	3.9743307104	1937.2562557
647	boeing	190.74568278	60	89.802950086	.	26.561001773	4.5145707487	1829.2372134
648	boeing	176.25512589	60	93.067211203	94.970196297	35.551603936	5.1171174536	2238.3595351
649	boeing	72.504936019	60	93.144745365	91.586299119	28.311008354	4.729995759	2072.9072803
650	boeing	107.1201412	60	93.89933526	93.18623585	26.470877122	3.8504358681	2157.4188427
651	boeing	150.30399551	60	95.821777765	96.55237859	27.403567281	4.1152876349	2206.6753231
652	boeing	163.6083374	60	97.502719317	99.433906835	34.082266727	4.7375418354	2652.9561067
653	boeing	75.012761732	60	99.378685634	99.944509978	33.945667089	4.3961857413	2578.2376602
654	boeing	149.22417751	60	99.474191537	101.09511856	19.852903991	3.3027471997	2560.7610893
655	boeing	152.57631192	60	101.44035041	101.69322587	23.452540302	3.6532967648	2740.8022741
656	boeing	130.4243533	60	111.88830909	110.20457764	10.255225364	4.5117260898	3164.4683553

Obs	aircraft	duration	no_pasg	speed_ground	speed_air	height	pitch	distance
657	boeing	124.48006198	60	114.48071659	114.69029121	45.077666293	4.3341369227	3873.0956584
658	boeing	99.193858446	60	119.67749254	123.04933242	27.558024612	3.6405647359	4455.647775
659	boeing	212.94303494	61	29.227656382	.	23.349901124	4.3961881217	1076.855217
660	boeing	158.4618984	61	53.778126741	.	46.355832902	5.5563991716	1075.3717411
661	boeing	92.336070812	61	54.031347709	.	14.564305239	4.6681266852	770.64221651
662	boeing	124.87990086	61	63.45721573	.	27.245171343	4.5134267082	1056.4603446
663	boeing	130.75025897	61	65.760129141	.	28.666938655	4.4815795592	893.57795417
664	boeing	168.76056984	61	66.430878666	.	29.242010431	3.615376508	1163.3171085
665	boeing	186.51093123	61	70.790388741	.	12.099622529	4.1539022458	959.13844683
666	boeing	112.0170008	61	71.051960883	.	18.589385734	4.4340431286	1144.922426
667	boeing	124.65932056	61	76.529795789	.	20.238480104	3.9437122363	1379.260881
668	boeing	97.085440418	61	78.188685016	.	28.01117552	4.4508307437	1341.1783075
669	boeing	70.970581802	61	80.373077529	.	43.524704765	4.0629176801	1812.4313695
670	boeing	153.54633587	61	83.556493271	.	29.897473262	3.519783726	1793.5628232
671	boeing	135.03150721	61	84.889872444	.	15.021858736	5.9267842132	1668.2067647
672	boeing	155.51861605	61	85.443624251	.	35.375389749	4.2287278648	1698.9927548
673	boeing	132.16475292	61	85.936194711	.	39.73510996	4.2757075985	1712.1068609
674	boeing	204.13798129	61	86.487372948	.	35.017471899	3.6675272069	1935.0727134
675	boeing	293.22996031	61	88.498576695	.	35.034204541	3.8609233149	2079.8514381
676	boeing	114.25950947	61	90.009413195	.	39.0970712	4.621878456	2086.9756588
677	boeing	93.528629974	61	90.331897645	90.111013336	42.408189952	4.4151279938	2259.8440485
678	boeing	193.72628552	61	91.511512961	93.207775371	29.836884637	4.0703219951	2186.6221289
679	boeing	139.41386506	61	93.273287999	93.496041217	21.128503656	4.1557370003	2191.3270511
680	boeing	218.02088213	61	98.206172066	96.033397859	24.531203641	4.3804647597	2149.5567186
681	boeing	182.201019	61	104.29512563	103.09643628	32.659533615	3.8725587384	2689.1596942
682	boeing	131.74744179	61	105.06367666	107.44169372	25.4439203	5.3106775155	3062.065008
683	boeing	142.1380034	61	105.10045279	103.35311485	28.633773668	3.4542098688	3152.596502
684	boeing	163.0853723	61	106.67585206	104.44715655	18.847637969	3.5094499278	2850.7059682
685	boeing	159.85144077	61	107.30146063	105.91314482	15.326207274	4.2502577597	2652.802421
686	boeing	99.681502958	61	121.83713667	120.95340518	33.184596582	3.8674761307	4427.670764
687	boeing	153.8344532	61	126.83927854	126.11864818	20.547833848	4.3345575101	4736.6045811
688	boeing	176.85391129	62	54.580212422	.	19.860379833	3.1467910951	669.11794366
689	boeing	283.76336844	62	58.889312381	.	4.2644634439	4.7721930401	425.85856098
690	boeing	121.61570253	62	59.32138735	.	35.286592667	3.6869802999	1083.3869491
691	boeing	111.00858296	62	62.717325735	.	27.458164185	4.6961506762	844.79555257
692	boeing	158.4190187	62	65.642893609	.	26.96473354	3.4595436201	1154.2199175
693	boeing	184.04178421	62	69.708148038	.	15.346686686	4.0447012735	1116.7582458
694	boeing	120.35279744	62	76.972757606	.	12.353622855	4.8082857766	1071.7417433
695	boeing	131.23242146	62	79.621876063	.	32.944483412	5.0704365136	1510.2127075
696	boeing	155.84557082	62	79.745315854	.	23.839448756	3.3959225955	1322.2129905
697	boeing	112.24050071	62	85.089021397	.	13.190910615	3.2579978206	1782.3672271

Obs	aircraft	duration	no_pasg	speed_ground	speed_air	height	pitch	distance
698	boeing	175.29994853	62	89.533401642	90.476723723	39.563714404	4.1141180063	2196.4727211
699	boeing	86.828911312	62	91.714535792	92.874851912	28.773729478	3.3058880775	2313.3356963
700	boeing	205.87361329	62	113.99630814	110.65991559	34.443424964	3.873845001	3405.3507059
701	boeing	183.95750281	63	45.857193744	.	39.804470778	3.96076458	1050.550585
702	boeing	203.89582605	63	46.036109985	.	26.587750664	4.227021402	929.68761249
703	boeing	101.45247914	63	46.756897002	.	37.343151844	4.6860084868	847.65729247
704	boeing	159.64040023	63	60.419115087	.	16.338199694	3.9430834445	858.41251225
705	boeing	149.87049036	63	60.622375756	.	35.461665969	4.9469603055	1146.3771278
706	boeing	154.36870049	63	63.540613553	.	26.402991875	3.8566584986	1089.9729531
707	boeing	17.375513046	63	63.57042961	.	28.406673108	3.9378640453	1032.4646189
708	boeing	68.201536698	63	67.955636835	.	39.479483513	4.7795649622	1344.3403491
709	boeing	119.70600605	63	67.969699235	.	27.862901056	3.6862217761	1237.473458
710	boeing	139.85635751	63	69.494644709	.	24.573883721	4.6776772802	1033.7151598
711	boeing	97.477623266	63	73.533976336	.	29.152465311	4.0140064257	1332.0387485
712	boeing	123.18642614	63	73.875179495	.	47.166641873	4.4351506589	1394.5303247
713	boeing	172.44293471	63	74.831847823	.	22.166635809	4.3234192828	1176.1244463
714	boeing	116.61255129	63	75.731579545	.	21.30956605	4.1517114895	875.78649863
715	boeing	158.56363888	63	77.858801342	.	32.430472277	3.993557164	1457.7579144
716	boeing	99.996683661	63	77.982229864	.	48.740966578	3.6365363239	1655.6344147
717	boeing	160.33576673	63	78.270298206	.	32.732115723	3.9023897774	1346.5410738
718	boeing	115.094687	63	79.927673217	.	19.554736677	4.6307186429	1067.8381154
719	boeing	129.41473997	63	85.544839926	.	25.43492914	4.3986300351	1679.7391011
720	boeing	169.83634839	63	93.985111905	96.262416093	29.633598821	4.4709418013	2444.5285886
721	boeing	154.06174189	63	94.63080988	93.935280295	41.42337543	4.757852551	2342.7732419
722	boeing	194.67245365	63	95.732907331	97.18505051	47.586622182	3.7321120105	2526.4748975
723	boeing	121.10832212	63	101.04739372	101.72213876	40.03855437	3.8998686693	2830.4376072
724	boeing	222.28989161	63	101.52330605	101.11892399	27.15831085	3.3603490103	2849.4570355
725	boeing	128.88756525	63	102.54306508	104.6244013	28.788569072	4.7041655355	2774.4541623
726	boeing	142.67963078	64	43.34610704	.	37.364530578	5.0860877182	807.79667272
727	boeing	175.08462089	64	52.493139102	.	-3.546252405	4.2132855404	581.38099947
728	boeing	202.67409934	64	52.551834827	.	43.968696323	3.0689056845	1208.4958466
729	boeing	176.3055956	64	65.813679598	.	21.678952588	4.8844598595	690.00147828
730	boeing	171.78949914	64	70.195990219	.	28.919946606	4.4969277745	1197.8216435
731	boeing	88.954538748	64	71.3450445	.	38.430396787	4.3078969167	1215.6919756
732	boeing	192.27232801	64	71.753544367	.	15.870447594	4.4654794397	920.71562998
733	boeing	124.71064101	64	72.261225036	.	36.318371962	4.1729147394	1105.2467122
734	boeing	242.43576866	64	74.216337616	.	22.226794163	4.0706159357	1338.2618248
735	boeing	209.06467683	64	76.008046539	.	40.463849366	4.5143958108	1502.0667088
736	boeing	157.8087398	64	78.847250691	.	19.141129477	4.2602449396	1435.9245683
737	boeing	147.90533612	64	90.499523559	.	31.401174198	4.3570430756	1853.9479702
738	boeing	65.695508337	64	92.645361475	94.735261406	23.529869193	5.2568314412	2022.7322942

Obs	aircraft	duration	no_pasg	speed_ground	speed_air	height	pitch	distance
739	boeing	106.51409405	64	92.885912601	92.645789262	20.38614078	4.1174070392	1977.1171934
740	boeing	107.7317815	64	93.745994551	94.405765313	29.612945004	4.3002536259	2101.7677931
741	boeing	204.95500718	64	95.677542179	99.112603039	41.444766094	4.777534014	2718.4297538
742	boeing	107.33618321	64	99.020789307	97.330315822	32.890788957	4.3776848107	2405.907939
743	boeing	79.999309582	64	100.17254212	100.2606698	48.602824838	5.0558179864	2771.1312647
744	boeing	119.92455279	64	136.65915832	136.42342138	44.286109179	4.1694037368	6309.9459762
745	boeing	84.296505847	65	34.11776613	.	35.266706534	4.2902689148	1198.0892035
746	boeing	170.7986135	65	52.272537849	.	29.594010453	3.285684557	1057.7080347
747	boeing	148.43733516	65	53.539999416	.	30.158679965	3.5657235226	1024.0947953
748	boeing	126.32374545	65	65.885329556	.	19.600003056	4.68790103	846.18064214
749	boeing	122.18570855	65	70.256718159	.	19.97791367	4.2333790632	1160.8697017
750	boeing	216.97429855	65	71.468178885	.	36.821184681	3.6548358754	1267.1146769
751	boeing	161.46087702	65	73.977879897	.	30.671884004	4.8764256488	1187.6768518
752	boeing	215.47668572	65	75.266954554	.	50.166097198	3.9182150647	1712.8382397
753	boeing	177.19269932	65	85.898635333	.	33.537263808	4.0276629705	1710.8614841
754	boeing	218.77717679	65	88.986193794	.	22.930162046	3.4812327746	1770.9247699
755	boeing	180.14354151	65	91.000271752	91.586051671	17.641253665	4.4079869843	1838.5676697
756	boeing	233.42754222	65	92.489290879	94.524363884	20.912576869	3.9408686151	2104.0896845
757	boeing	202.54627831	65	93.615201471	95.322444555	18.58645339	4.160108483	1987.8170111
758	boeing	140.23631155	65	118.74200471	119.40214631	19.856192215	4.6462659602	4217.1294518
759	boeing	158.78738396	66	56.008243425	.	36.596917427	4.1081461182	1098.846112
760	boeing	162.21217553	66	60.096269716	.	23.464759724	4.0191426633	781.26308512
761	boeing	154.28455045	66	62.083253452	.	22.658536982	4.6145885274	974.86323902
762	boeing	179.91591838	66	63.671165314	.	19.574699606	4.2867337712	873.4408921
763	boeing	106.63723793	66	64.892926797	.	29.439950209	5.0174729326	924.10287374
764	boeing	155.62741778	66	64.946988369	.	27.0634843	4.4386388552	920.28626467
765	boeing	115.39520555	66	65.539878656	.	33.849552954	4.2345371732	962.60912362
766	boeing	142.30606617	66	67.493137165	.	26.494345137	4.4931978296	1234.502056
767	boeing	56.64048966	66	72.953658239	.	36.154157217	4.3878559157	1205.1280251
768	boeing	204.44587388	66	80.725759835	.	46.84094597	4.4096600285	1995.4052035
769	boeing	124.24032001	66	82.634632474	.	18.261403443	4.2934084614	1515.1388493
770	boeing	94.319896766	66	83.635110177	.	23.466406143	3.5487071321	1499.7242663
771	boeing	298.52233394	66	84.178974975	.	26.318128781	3.8396450566	1616.3556623
772	boeing	160.32820416	66	87.887062402	.	19.450329278	4.8103006452	1543.387011
773	boeing	102.4198377	66	104.03291094	102.84676339	27.83361523	4.8609660183	2637.5324359
774	boeing	154.19446968	66	107.05908552	108.17746968	27.407950767	4.2274190679	3158.8776668
775	boeing	154.99001709	66	108.99641883	108.36091041	15.538766161	4.5480278507	3097.0654015
776	boeing	109.45172219	66	117.64059121	112.26495489	35.910035823	4.0582181528	3741.0677162
777	boeing	192.181773	67	34.30363513	.	30.138274703	4.4995089168	1001.0805665
778	boeing	164.77436392	67	53.113984349	.	27.920433284	4.3227229045	819.23600163
779	boeing	79.052818033	67	54.247896274	.	43.971026107	4.2873601424	1305.9245641

Obs	aircraft	duration	no_pasg	speed_ground	speed_air	height	pitch	distance
780	boeing	180.64114727	67	55.827468142	.	41.048663032	4.1218284135	1101.4343544
781	boeing	209.28129342	67	76.531843725	.	30.598791007	4.2369678091	1236.3788062
782	boeing	114.19371901	67	77.41822091	.	21.656204825	4.6306064817	1185.2280385
783	boeing	83.512569699	67	78.625488084	.	17.342190802	3.8634086267	1104.404226
784	boeing	196.27823416	67	78.664147734	.	46.591258417	4.15208631	1768.4739674
785	boeing	124.35337627	67	78.954218512	.	28.972879292	3.8124590751	1480.5722537
786	boeing	150.17368779	67	84.187423913	.	40.757234893	3.9228883057	2065.3054444
787	boeing	87.736413994	67	92.400239648	92.425135006	34.107757421	4.3353530907	2144.5845633
788	boeing	116.98454192	67	122.75656197	123.88257287	30.216568242	3.2137033407	4807.8798069
789	boeing	154.52460358	67	129.30718407	127.59332059	23.978496799	5.1546989117	5058.4695164
790	boeing	143.33261546	68	33.822953314	.	37.680495945	4.0703468804	936.57807216
791	boeing	233.43123856	68	34.222063657	.	28.629155926	4.7888425657	955.9096666
792	boeing	226.57166739	68	50.859254878	.	31.058966163	4.122637666	840.54299274
793	boeing	80.397000957	68	54.887859005	.	31.81778908	3.3117750552	1213.9258814
794	boeing	76.904519522	68	67.61028338	.	44.063655273	3.8282165895	1388.3696493
795	boeing	119.64402906	68	70.178463873	.	2.2051944554	3.7397746803	816.20664104
796	boeing	211.70913731	68	71.936731773	.	22.523394485	4.8453101879	1288.8309812
797	boeing	169.0856988	68	72.57166563	.	39.692058731	4.0733467334	1457.757668
798	boeing	64.155530488	68	75.592310962	.	32.965842152	4.0631509072	1230.9919301
799	boeing	130.48884861	68	94.376620488	92.15345773	19.574380998	4.6365070329	1995.3655432
800	boeing	124.78661104	68	106.12024007	104.13467735	42.895159857	4.0363220884	2924.840588
801	boeing	197.54635021	68	126.66918215	127.96414283	23.764231426	2.9931514463	5031.3863156
802	boeing	165.54194536	69	48.774673273	.	31.228664837	3.9020460339	943.06840443
803	boeing	175.15117145	69	55.37996773	.	54.27604275	4.6536409251	1125.8005423
804	boeing	121.45511452	69	61.607785041	.	22.779396611	3.3984599553	968.28934986
805	boeing	149.691087	69	64.955268633	.	22.237313329	4.1067786558	786.60967241
806	boeing	241.95006656	69	64.972102204	.	28.504682353	4.0682908219	1007.6988044
807	boeing	146.04337112	69	71.787305883	.	-1.528129182	4.1994604645	738.65436932
808	boeing	126.29533449	69	74.373046613	.	49.039576609	4.8344648639	1548.6903581
809	boeing	109.27706634	69	79.733130819	.	31.058767956	4.2819840946	1500.7053475
810	boeing	183.26407409	69	81.580248719	.	27.687387698	3.7522936228	1497.1677162
811	boeing	159.8108131	69	86.315209607	.	33.823634214	4.5870484421	1898.7424838
812	boeing	202.68865562	69	90.943892841	90.533348853	39.461284768	3.12582299	2191.1004111
813	boeing	106.10804784	69	97.174871746	98.637718197	38.441153122	3.5773087522	2628.5363159
814	boeing	125.73329732	69	101.65558863	102.8514051	27.804716181	4.1174316991	2987.8039235
815	boeing	233.80249791	69	104.80843448	103.86845794	43.882731896	3.2450978263	3213.985265
816	boeing	90.095381357	70	59.888528183	.	32.397688062	4.0260964152	1050.2644976
817	boeing	183.57495844	70	64.97459002	.	21.560439389	4.0209903588	822.93718811
818	boeing	173.75152907	70	68.462817944	.	35.027645688	4.9566852937	1098.2848748
819	boeing	168.63061318	70	77.535257271	.	21.047219906	4.2192924831	1375.0200626
820	boeing	96.941215455	70	94.030485628	94.520624439	23.594476567	4.1521190127	2135.7862958

Obs	aircraft	duration	no_pasg	speed_ground	speed_air	height	pitch	distance
821	boeing	126.54028789	70	94.781230282	91.142068839	39.476298784	3.5949361476	2182.2207374
822	boeing	78.455662834	70	107.98595587	109.4581269	19.703120709	4.7621150325	3184.3263623
823	boeing	201.36958354	71	41.455692355	.	28.543870421	4.6031173258	763.699563
824	boeing	176.37153647	71	62.216451257	.	43.937671249	5.3247470086	825.52229665
825	boeing	98.695657877	71	69.750578737	.	50.623766494	3.9084929899	1426.4827722
826	boeing	155.92906935	71	71.998171485	.	35.383504742	3.6403979244	1227.9001319
827	boeing	85.963580491	71	86.417904479	.	34.594584685	4.3960026472	1703.5054909
828	boeing	139.21299054	72	49.509631704	.	30.856063054	4.249669131	827.42067444
829	boeing	124.37864547	72	60.367043725	.	3.7889195211	3.7060888319	641.59956822
830	boeing	158.16277689	72	74.833473963	.	26.186971031	3.9863265825	1449.0794019
831	boeing	78.24709997	72	76.999831013	.	13.801193211	4.2019377631	1273.6644967
832	boeing	133.5569265	72	94.271329242	92.877735531	33.046424149	3.785794946	2351.0709569
833	boeing	161.8924678	72	129.26491833	128.41773098	33.948998825	4.1399514138	5381.9588622
834	boeing	236.19293349	73	52.360449116	.	44.121081799	4.4970887384	1078.0988933
835	boeing	133.45985625	73	57.045299494	.	1.2538552556	4.7153842391	371.27726086
836	boeing	213.77917717	73	57.426894092	.	48.868703509	4.1846317788	1154.4436143
837	boeing	112.31707003	74	79.257984189	.	37.19716518	4.3370030837	1158.8376732
838	boeing	168.23013919	74	86.852747395	.	16.894461754	3.8308960194	1725.3804918
839	boeing	124.54353753	75	69.880248247	.	31.31135869	4.6879165411	1045.0302857
840	boeing	118.26426229	75	70.168245294	.	17.743340834	4.2669763429	830.71474719
841	boeing	79.705863144	75	106.7461226	106.73317595	18.346201583	4.8074017332	2785.855295
842	boeing	130.94961924	76	44.732763125	.	32.782994552	4.861881592	874.79864397
843	boeing	147.03191592	76	63.597942325	.	36.489042355	4.4917734289	1051.9369604
844	boeing	219.72115595	76	88.103462433	.	42.085495821	4.6540097977	1927.0536775
845	boeing	130.16891519	77	55.086685785	.	38.032817792	4.0971206341	998.09700633
846	boeing	172.56012205	77	82.29713755	.	44.758716354	4.2293090445	1809.27205
847	boeing	228.17710591	78	61.220375598	.	21.772286622	4.5955283685	970.04651856
848	boeing	107.11331938	78	86.807962025	.	25.477015381	4.4142187986	1910.8768699
849	boeing	128.93810992	79	106.93389135	108.42651323	30.457709156	4.8421492	3203.3188407
850	boeing	161.82569155	80	82.509055403	.	36.680194026	4.685310032	1590.3719225
851	boeing	194.4671661	82	40.815188666	.	22.618444074	4.8765952309	761.4850777

### The MEANS Procedure

Variable	Label	N	N Miss	Minimum	Maximum	Mean	Median	Std Dev	Variance	Range
duration	duration	800	51	14.7642071	305.6217107	154.0065385	153.9480975	49.2592338	2426.47	290.8575036
no_pasg	no_pasg	850	1	29.0000000	87.0000000	60.1035294	60.0000000	7.4931370	56.1471018	58.0000000
speed_ground	speed_ground	850	1	27.7357153	141.2186354	79.4523229	79.6428041	19.0594903	363.2641710	113.4829200
speed_air	speed_air	208	643	90.0028586	141.7249357	103.7977237	101.1473493	10.2590370	105.2478395	51.7220771
height	height	850	1	-3.5462524	59.9459639	30.1442223	30.0931324	10.2877268	105.8373237	63.4922163
pitch	pitch	850	1	2.2844801	5.9267842	4.0093577	4.0082875	0.5288298	0.2796610	3.6423041
distance	distance	850	1	34.0807833	6533.05	1526.02	1258.09	928.5600816	862223.83	6498.97

### The FREQ Procedure

aircraft				
aircraft	Frequency	Percent	Cumulative Frequency	Cumulative Percent
	1	0.12	1	0.12
<b>airbus</b>	450	52.88	451	53.00
<b>boeing</b>	400	47.00	851	100.00

Obs	aircraft	duration	no_pasg	speed_ground	speed_air	height	pitch	distance
1		.	.	.	.	.	.	.
2	airbus	172.04931209	36	47.486765029	.	13.984809941	4.2990197162	250.68976141
3	airbus	188.01797726	38	85.180842251	.	37.028793691	4.1216901717	1257.0092519
4	airbus	93.540807771	40	80.627416679	.	28.60255713	3.6234201886	1021.0888117
5	airbus	123.30242152	41	97.568203986	96.978436701	38.409192953	3.5322719834	2167.7576915
6	airbus	109.19713407	43	82.483044979	.	30.140024889	4.0896284195	1321.0000654
7	airbus	139.31381028	44	99.596841547	99.160266345	35.187030092	3.8402667146	2116.080919
8	airbus	214.22048507	45	72.490616757	.	33.228125197	4.3693164876	748.7667918
9	airbus	182.7116757	45	77.805502137	.	20.189958388	4.178015403	905.49788375
10	airbus	197.43183449	45	81.375317855	.	46.285569727	4.2052754575	1459.5022976
11	airbus	115.86922387	45	86.875879978	.	34.838071106	3.7997683715	1262.1538907
12	airbus	216.87640251	45	91.618595738	.	38.324199382	4.7436314527	1967.6109937
13	airbus	.	46	40.801786477	.	24.400127629	3.9682093233	620.09051196
14	airbus	149.65108927	46	69.037688441	.	48.559845058	4.1973990963	1127.8005331
15	airbus	.	46	104.07757658	103.40921036	19.7157721	4.1043931104	2494.8046454
16	airbus	168.79553003	47	92.907591785	95.762981617	23.784897183	3.9086740504	1955.3034911
17	airbus	237.40527671	48	53.774013118	.	28.260802216	3.1755295986	241.16096423
18	airbus	.	48	61.570704648	.	21.785707448	4.3511947442	560.53392302
19	airbus	173.57275867	48	69.440266991	.	21.235704144	4.2349485846	860.43708392
20	airbus	221.59245844	48	76.36854228	.	19.395151702	4.8736423429	932.57187751
21	airbus	181.70175046	48	79.793960442	.	34.532683072	3.76482161	1159.5466175
22	airbus	160.84157691	48	87.551468843	.	28.545582924	4.4229830982	1410.1890375
23	airbus	157.16728687	48	101.83850487	103.63497127	23.011621748	4.9429730633	2524.5676617
24	airbus	199.91969175	48	109.30116236	109.55662817	33.066513954	4.0350502581	3177.1885419
25	airbus	140.67120141	48	120.45475566	118.67260401	30.351506953	4.3710717196	3891.4718916
26	airbus	152.13331824	49	67.96474782	.	43.97369797	4.6126758628	1097.3778646
27	airbus	100.08624587	49	73.47329101	.	33.857396706	3.4675514514	892.02278261
28	airbus	94.828574047	49	86.483225907	.	29.289251818	3.7811259878	1555.5259125
29	airbus	165.01327501	49	91.110368621	.	40.417128405	3.543305741	1626.1683408
30	airbus	150.60053157	49	111.23656298	109.85430197	42.832497449	3.9197415189	3156.5261636
31	airbus	84.375146328	49	112.18972025	112.19018323	30.202558867	4.7533844954	3313.0672207
32	airbus	175.51443032	49	125.21230409	125.13854893	22.524778897	4.3657723639	4254.9332637
33	airbus	133.73961717	50	52.333370563	.	18.038104533	3.9351932028	513.49576186
34	airbus	203.32103587	50	64.658141026	.	35.122301566	3.5884171024	789.54314456
35	airbus	141.80866829	50	69.835685444	.	42.745653562	4.5037176013	815.07168547
36	airbus	125.27798747	50	71.071982782	.	39.221521095	4.2290416756	886.8887875
37	airbus	162.5458696	50	73.338499719	.	25.777471657	4.3223402115	929.57099383
38	airbus	98.461455246	50	73.939616162	.	42.353383637	3.9571042618	1027.2134659
39	airbus	178.53721004	50	77.07920079	.	24.833682708	2.6895532686	880.80044898
40	airbus	103.65986342	50	83.438769115	.	24.597065289	3.901858534	1251.4264528
41	airbus	.	50	84.219908138	.	32.542946798	3.318828622	1485.4400456

Obs	aircraft	duration	no_pasg	speed_ground	speed_air	height	pitch	distance
42	airbus	109.79101574	50	85.88079228	.	33.466314922	3.462927709	1408.5685921
43	airbus	132.2714247	50	87.917214817	.	37.787035899	3.7427163549	1644.0887292
44	airbus	113.90561764	50	90.689554194	.	19.11775158	3.5775516573	1394.7117346
45	airbus	199.50580761	51	59.099825091	.	41.604002941	3.6405344238	562.16591975
46	airbus	.	51	62.484050366	.	26.53804471	3.8228939729	749.48028928
47	airbus	186.22429406	51	69.922522751	.	29.098408257	4.3884525678	1040.6159488
48	airbus	117.76512176	51	77.086098106	.	18.389869267	3.4514891099	677.58339591
49	airbus	91.137052503	51	81.952392127	.	27.503012962	3.5740085596	937.681381
50	airbus	.	51	83.630692914	.	23.302265488	4.5566399591	1460.4181796
51	airbus	99.346535515	51	88.513433718	.	29.685719738	3.9239835975	1446.5732349
52	airbus	124.69701818	51	109.78499325	110.56964767	10.099990802	4.4654606398	3054.4124062
53	airbus	202.27604539	52	59.558781395	.	31.830496872	4.9226883242	650.3277785
54	airbus	89.119687959	52	69.995690643	.	39.550134878	3.5758761135	1016.6766232
55	airbus	.	52	72.036625004	.	24.740341243	3.6279838777	648.02156805
56	airbus	.	52	73.761115944	.	9.688307724	3.3585464091	554.16098701
57	airbus	111.18511926	52	74.929003615	.	31.603274066	4.6283872708	1046.1643877
58	airbus	201.66902084	52	75.801424413	.	38.404360138	3.1195493137	1051.5697597
59	airbus	192.31269901	52	79.411964275	.	40.213139667	3.7765509583	1216.2675925
60	airbus	179.19419379	52	87.937967052	.	18.546478714	3.8740639381	1243.0345555
61	airbus	137.15453851	52	89.059591972	.	44.76431669	3.7453441515	1528.0260504
62	airbus	.	52	89.577029476	.	35.463228123	3.834651479	1390.8995718
63	airbus	113.37605039	52	98.891571993	100.52805637	33.573007382	3.5034607776	2169.6725734
64	airbus	145.77939481	52	111.67391785	111.33236229	36.042802888	3.5149833541	3311.8369585
65	airbus	92.648121883	53	55.161528539	.	30.167084359	4.472054571	623.00673298
66	airbus	199.92116031	53	58.566400441	.	35.200959218	3.0643097132	634.09099305
67	airbus	105.13901375	53	60.006184622	.	35.912417951	3.923337806	561.27232211
68	airbus	260.50189235	53	63.489000555	.	35.371357104	3.9722083719	812.16317052
69	airbus	199.21802259	53	66.385244236	.	31.974988686	3.5692596506	757.85802237
70	airbus	253.72768469	53	67.726377103	.	28.100904032	4.8166027921	714.5146546
71	airbus	194.02442137	53	72.829467981	.	45.541357116	4.426727957	1115.4140886
72	airbus	145.22559464	53	74.364061268	.	27.90797072	3.8372800254	853.28081256
73	airbus	202.10909397	53	76.334805748	.	50.745931362	3.5419962833	1052.6915505
74	airbus	203.25433498	53	81.27102299	.	26.163307183	4.1746185951	1141.4540114
75	airbus	49.012114646	53	82.707838093	.	27.06233505	4.2487368492	1312.6682914
76	airbus	167.38737759	53	85.943555546	.	9.1646259705	3.1601680959	1107.6970718
77	airbus	189.84521577	53	86.181330458	.	25.909786696	3.2797747665	1327.1879085
78	airbus	91.305749532	53	86.356289075	.	27.529003473	3.8625613819	1381.5602004
79	airbus	144.82917518	53	88.205923249	.	27.990951956	3.0909603835	1259.1737588
80	airbus	91.530958077	53	88.570201337	.	23.792231589	3.6323357322	1281.2815452
81	airbus	188.3740487	53	88.896210095	.	22.913916375	4.003595751	1418.8042213
82	airbus	186.09732002	53	98.438115538	98.561698537	48.847022619	3.3124052636	2299.952371

Obs	aircraft	duration	no_pasg	speed_ground	speed_air	height	pitch	distance
83	airbus	148.49500413	53	99.874522521	98.724063607	39.520425649	3.9041206536	2404.7430929
84	airbus	126.07843541	54	36.421388861	.	33.799699892	4.8661106393	869.03373396
85	airbus	209.19366153	54	50.812930767	.	38.841316346	4.0338980996	566.92692802
86	airbus	.	54	50.903105868	.	35.729484049	4.5440403076	597.98554514
87	airbus	259.09791674	54	54.953323257	.	30.954303406	4.026187428	561.44690581
88	airbus	236.13989521	54	61.261575207	.	26.568850134	4.3822934229	455.51323477
89	airbus	.	54	67.456935552	.	41.334169856	3.8581993926	877.06227359
90	airbus	153.19968433	54	73.918352619	.	25.508432729	3.7307897043	807.34528517
91	airbus	196.97561802	54	79.152671368	.	13.662179662	3.9400319361	813.23440402
92	airbus	.	54	80.24779883	.	48.426731903	3.289757889	1303.6900358
93	airbus	149.69472624	54	80.502186071	.	38.38733031	4.6548987217	1153.8920383
94	airbus	.	54	83.071912777	.	37.317578277	3.4734612582	1338.6101651
95	airbus	.	54	86.425045711	.	14.748572684	3.5418381552	1476.177543
96	airbus	119.43615232	54	89.776678607	.	28.42870425	3.93559002	1285.5472568
97	airbus	127.47275856	54	91.010100234	.	29.871116541	4.2252758714	1897.822824
98	airbus	16.893454896	54	94.511052223	95.930926862	37.476967053	4.1733221259	2162.92737
99	airbus	162.71456234	54	98.1873349	96.515044653	29.625193292	3.053515269	1975.1105677
100	airbus	201.18798178	54	99.017401284	98.221920891	39.319647422	4.3935253271	2481.2581248
101	airbus	170.11617811	54	112.82931519	108.21623948	35.479682491	4.0303041977	2808.9911231
102	airbus	143.67595351	55	59.075014054	.	52.378560123	3.6504632942	817.11573622
103	airbus	199.79840009	55	61.712054098	.	34.976545351	4.0805575423	643.85634155
104	airbus	199.49519149	55	64.462028079	.	26.656286235	4.2943903167	767.761571
105	airbus	.	55	68.751529748	.	48.277120042	4.2626359629	1079.1170993
106	airbus	199.36023494	55	71.303053631	.	15.099426338	3.5977434337	455.55546687
107	airbus	305.62171072	55	75.506844221	.	18.82215165	3.4320514587	748.17078336
108	airbus	246.44447346	55	78.544137807	.	32.429085595	4.4905616843	972.10646587
109	airbus	162.31295341	55	78.70704989	.	31.43974554	3.4065347494	1138.9424385
110	airbus	164.87691136	55	81.165499033	.	32.277515471	3.5630868963	1176.5784616
111	airbus	289.3204932	55	81.69133242	.	12.315795866	3.7213188282	829.18639204
112	airbus	171.43730605	55	86.77431193	.	25.915014895	3.9806762311	1188.1643934
113	airbus	178.33695177	55	87.015958489	.	38.194662335	4.355065854	1693.4027056
114	airbus	156.95484942	55	87.508005458	.	30.620086067	3.592569656	1548.4738738
115	airbus	203.13135186	55	90.261004686	.	42.318923044	3.2745717105	1446.8557482
116	airbus	264.59337482	55	102.74650485	102.41247143	38.534020829	4.1697182481	2623.6512568
117	airbus	160.39281504	55	103.27582495	105.18709549	54.198540346	3.95212311	2837.0808498
118	airbus	163.67500534	55	113.02072769	114.87786043	28.637640363	4.7542107761	3559.7584816
119	airbus	128.68794104	56	43.852805379	.	34.114558593	3.3125782438	554.0661689
120	airbus	208.87900668	56	53.888762395	.	23.496668191	4.0000159209	375.32596789
121	airbus	104.60565852	56	57.991058844	.	33.545907029	4.1214769808	584.79546667
122	airbus	269.11386203	56	65.516199038	.	30.805627601	3.2526393538	753.72051878
123	airbus	188.40822529	56	65.938683894	.	32.01528619	4.1378851024	816.22211434

Obs	aircraft	duration	no_pasg	speed_ground	speed_air	height	pitch	distance
124	airbus	58.180016393	56	68.024349121	.	32.740768082	4.6837341419	950.57638894
125	airbus	137.80294314	56	68.078613026	.	44.680502196	3.9699767937	1083.8311753
126	airbus	.	56	73.974086384	.	32.455027763	3.0805850946	769.49665785
127	airbus	211.25416558	56	74.337393872	.	11.516139597	2.7990204762	485.19472704
128	airbus	176.41722404	56	81.224052109	.	28.478307593	4.1902077139	1134.8806867
129	airbus	156.96990933	56	82.093109962	.	12.878217378	3.6021593263	899.58860681
130	airbus	228.34100702	56	82.200796247	.	20.836306915	3.768683389	1086.1862424
131	airbus	102.95333134	56	84.405488067	.	45.914274226	3.8022156168	1495.0519159
132	airbus	166.046929	56	84.914977191	.	38.035678767	3.6712712954	1218.7020751
133	airbus	73.803250742	56	85.566870293	.	34.039332978	3.7960932826	1414.2784595
134	airbus	198.36833627	56	85.734433148	.	49.272552969	4.4426012633	1712.6251245
135	airbus	114.09497787	56	86.05356781	.	28.551075775	3.9805055926	1392.42027
136	airbus	.	56	86.528840828	.	40.94901507	3.7270256473	1437.6338566
137	airbus	153.02512947	56	88.102624123	.	21.247909524	3.1559405965	1296.2242229
138	airbus	170.42197717	56	89.870059308	.	46.858792888	3.650835863	1734.3315551
139	airbus	99.019165671	56	91.236709563	.	15.59892741	3.3688761342	1450.5750216
140	airbus	205.36417552	56	91.46226196	.	19.369632123	3.3789629781	1658.4610518
141	airbus	181.52206258	56	92.13143495	.	20.586568591	4.1758773479	1656.0636286
142	airbus	173.64083103	56	93.016459316	.	31.341393328	4.1090340499	1840.0530488
143	airbus	85.681924568	56	97.345399878	96.174998729	19.239272302	3.3190577583	1790.2391276
144	airbus	223.95233137	56	99.325035899	99.397364536	36.782682861	3.1800709689	2059.5377377
145	airbus	122.33506937	56	99.559134938	98.875752472	35.561255493	3.8948676777	2283.1949451
146	airbus	157.97520717	56	109.18164733	108.23198533	21.249104902	3.2623478916	2810.6957638
147	airbus	134.685641	57	44.126135466	.	27.182379063	3.0128294313	417.54307265
148	airbus	54.218239897	57	63.421362974	.	42.949644516	4.5490103745	700.99462437
149	airbus	139.63978211	57	64.355633516	.	41.315697708	2.6759851316	714.70839358
150	airbus	146.10917656	57	69.55727731	.	34.272245396	4.8779627965	854.46558558
151	airbus	89.075548734	57	74.212201979	.	25.747432194	3.6751924109	852.77611439
152	airbus	114.23485681	57	79.982703338	.	42.244751261	3.785954219	1162.404395
153	airbus	203.4089821	57	80.019391771	.	31.882027194	4.4526464074	1155.989184
154	airbus	171.37069895	57	85.849256878	.	41.867801808	3.5766081513	1715.5280458
155	airbus	.	57	88.418098446	.	45.02439155	3.7036944046	1616.3360538
156	airbus	.	57	88.631154153	.	17.087228104	3.2746103159	1117.6839116
157	airbus	220.30836516	57	101.13020479	101.80642908	32.952280102	4.1591918068	2461.9879135
158	airbus	92.172840145	58	48.172804507	.	34.757015926	3.9483442548	558.36505589
159	airbus	248.72910776	58	49.46213365	.	16.796177769	3.7616893064	452.13126383
160	airbus	230.32398183	58	55.108631792	.	29.859498104	3.2599541617	270.83676243
161	airbus	189.58108915	58	61.003914242	.	37.350258765	3.2977337571	498.76801332
162	airbus	198.8694626	58	61.127025526	.	22.51924496	3.4452935393	397.54283343
163	airbus	198.42235144	58	64.305146799	.	17.456593278	3.8221946371	383.90578116
164	airbus	58.499894993	58	65.068451437	.	47.581604296	4.2032297629	946.46666809

Obs	aircraft	duration	no_pasg	speed_ground	speed_air	height	pitch	distance
165	airbus	150.94674427	58	66.421119468	.	-2.915335901	3.1225583646	34.080783293
166	airbus	175.13042298	58	66.943936292	.	40.523836608	3.9217502663	795.71340402
167	airbus	247.52718906	58	68.245466821	.	13.85926085	3.4183202119	492.75023869
168	airbus	.	58	68.956684058	.	24.898696811	3.9874356737	634.67498994
169	airbus	.	58	74.453043324	.	21.221140598	3.4824870511	568.92434271
170	airbus	114.89625409	58	75.882613527	.	46.159876097	5.0373832323	1178.6022137
171	airbus	112.07531863	58	76.771834829	.	25.947569997	3.4430247941	824.03883822
172	airbus	188.78452894	58	81.228627166	.	29.024507225	2.671331652	978.59385588
173	airbus	127.07799051	58	83.198056989	.	16.030000255	3.3080804277	1022.0840734
174	airbus	176.0848911	58	88.013418879	.	16.69810206	4.0698994981	1380.2737237
175	airbus	165.19313237	58	89.953914147	.	30.857402547	4.1721894508	1711.6142255
176	airbus	190.79170859	58	93.672281401	95.098821771	33.630978811	3.4592153332	2048.4941733
177	airbus	93.952926911	58	96.878686347	98.085883143	29.178095121	3.967524021	2008.2207232
178	airbus	.	58	101.09983213	101.46762268	42.952395762	4.2257015342	2688.9856974
179	airbus	45.502778921	58	107.28766839	105.68511992	21.833564348	3.3998185919	2542.3356261
180	airbus	130.31912368	58	110.7670187	112.53178152	50.765799095	3.3848559819	3437.6566749
181	airbus	.	58	113.42739675	114.84444904	40.101121967	4.2484282637	3738.6497412
182	airbus	117.7405601	59	47.679801523	.	28.606492697	3.7520465798	406.08928283
183	airbus	.	59	52.099814821	.	34.552971375	4.8866300246	647.48815165
184	airbus	104.77906956	59	55.027556032	.	51.781247914	4.4753745447	837.96815281
185	airbus	214.78506113	59	56.285225619	.	19.097947487	3.9151278527	321.51632716
186	airbus	155.022078	59	61.461723888	.	24.818098174	3.8339054779	617.03062892
187	airbus	138.23492748	59	64.813671941	.	14.780336473	4.2209516551	402.93130074
188	airbus	124.14010259	59	66.464640399	.	48.067790297	4.1656597705	853.86453785
189	airbus	180.77123267	59	66.81339481	.	42.714377221	4.1478795361	772.63648168
190	airbus	151.38933879	59	69.475216422	.	24.969280868	3.8187750112	690.51952193
191	airbus	212.55290733	59	70.245110234	.	26.203014089	3.0870919723	647.05218321
192	airbus	156.4574255	59	72.591244009	.	14.082627958	3.7352438518	408.97922734
193	airbus	93.0636244	59	72.926186342	.	22.458637482	4.1646025706	853.03434442
194	airbus	156.18873822	59	76.167385231	.	51.166565601	3.2580851913	1198.9391186
195	airbus	205.02778595	59	79.861202227	.	46.335420321	4.6556154991	1189.8284241
196	airbus	149.82084277	59	80.203284342	.	27.52090572	3.8292421286	1188.6214247
197	airbus	151.20594948	59	81.310155945	.	41.692912972	3.6591016804	1519.3190395
198	airbus	196.03011465	59	85.687131792	.	6.2275177523	3.778378927	976.43368542
199	airbus	87.345969963	59	87.926511371	.	28.790896161	4.011354326	1555.4007483
200	airbus	176.94101734	59	89.502600721	.	36.175665767	3.3373132547	1701.1494522
201	airbus	.	59	89.940169252	.	25.763979474	4.019371775	1497.605083
202	airbus	193.12007702	59	96.196564169	98.116074155	42.307731844	3.6139143714	2330.9880709
203	airbus	.	59	105.71955117	105.29075366	25.46813856	4.73824264	2741.4618282
204	airbus	98.176296764	60	53.749134607	.	25.54578925	3.7142005991	378.82578267
205	airbus	.	60	53.801672886	.	34.147519961	3.5058165344	742.80380536

Obs	aircraft	duration	no_pasg	speed_ground	speed_air	height	pitch	distance
206	airbus	228.00061803	60	58.902874412	.	31.57923272	4.247532358	595.03131683
207	airbus	.	60	59.458936191	.	30.767435238	4.1920197594	538.3807833
208	airbus	131.29381605	60	60.030583944	.	36.994580011	4.1632052963	581.81011986
209	airbus	190.76839447	60	74.515777176	.	44.463104189	3.7635014625	1122.1889389
210	airbus	107.22690496	60	75.899770193	.	22.058367276	4.2319279347	778.16077498
211	airbus	140.69948077	60	75.939639734	.	16.330513276	4.4329903211	990.14581436
212	airbus	207.95313058	60	76.826789553	.	33.620477576	3.5702552916	1181.7354093
213	airbus	210.56817007	60	77.464115725	.	24.066692815	4.8369570565	1023.1046583
214	airbus	161.24369046	60	77.831631986	.	45.600473454	4.0316944091	1173.4058776
215	airbus	117.44478593	60	77.927433723	.	18.992128882	4.1218602023	779.89722901
216	airbus	179.55603115	60	81.17964479	.	33.227987432	3.9930417239	1159.3467825
217	airbus	88.442268547	60	81.339923306	.	19.557890125	3.4329620233	1101.5591901
218	airbus	186.19502668	60	82.492749703	.	38.180765115	2.8672552009	1143.1221818
219	airbus	147.81402601	60	84.685046724	.	45.643491432	3.6631635685	1454.2976548
220	airbus	184.67446394	60	88.800573731	.	20.822805292	4.0876835646	1366.4055772
221	airbus	156.3172855	60	88.880244981	.	29.78919442	4.2360745318	1588.8171307
222	airbus	182.26711081	60	89.708775052	.	32.738775306	3.3353309955	1479.4334321
223	airbus	.	60	91.866333324	.	27.403567281	3.7152876349	1542.8952426
224	airbus	168.55748285	60	93.269235943	.	33.652452468	3.3418675584	1858.0520538
225	airbus	45.635423091	60	93.793862117	.	42.830935448	4.271324799	2003.4386496
226	airbus	127.30609635	60	99.689595816	99.459199839	28.970863899	4.1071025677	2032.7742548
227	airbus	141.88878266	60	103.86692593	105.55936652	38.127301967	4.2399183129	2711.4636167
228	airbus	112.87149908	60	104.45540038	103.6715358	23.783587114	3.9026553246	2488.9984842
229	airbus	192.58242214	60	110.40812301	110.03857243	39.817280966	2.8261841488	2919.5793129
230	airbus	131.73109556	60	131.03518222	131.3379485	28.277965541	3.6601936464	4896.2946083
231	airbus	100.25307248	61	41.100991383	.	34.563941861	3.490938919	668.93320023
232	airbus	207.69159848	61	54.542338048	.	19.610845089	3.9730540461	397.01200564
233	airbus	153.43737249	61	54.593475453	.	29.148613678	3.2715631978	424.16175773
234	airbus	180.34832004	61	59.151548819	.	27.880038685	3.2393236004	475.15489957
235	airbus	110.40145065	61	59.530943938	.	33.424855759	3.2326512955	657.50399554
236	airbus	175.53311361	61	65.037084787	.	13.807590435	3.4948549953	280.80440304
237	airbus	117.25925859	61	66.079801141	.	14.565008188	3.7122960454	436.14783447
238	airbus	197.97505745	61	69.865454682	.	31.209203849	4.0750833197	767.92667699
239	airbus	218.87542131	61	70.701596429	.	34.608578408	3.3317046104	737.56722749
240	airbus	195.66108684	61	72.629132783	.	24.362144258	3.6399453721	714.32599432
241	airbus	188.92400256	61	72.880432107	.	49.080433362	3.8962081787	1133.5518485
242	airbus	137.85119675	61	76.095669177	.	25.085483607	3.2348739516	691.69135707
243	airbus	31.7016661	61	76.354176433	.	30.991021813	2.8173796019	948.47376723
244	airbus	215.14222119	61	76.358050779	.	34.755564291	4.6254327939	1085.8222616
245	airbus	217.73016541	61	77.054643337	.	28.868081225	3.7764205095	877.32754553
246	airbus	127.22893936	61	79.625978745	.	32.896377007	3.7480779519	1059.545819

Obs	aircraft	duration	no_pasg	speed_ground	speed_air	height	pitch	distance
247	airbus	122.60221689	61	82.348277697	.	30.263502564	3.83272325	1219.3075837
248	airbus	.	61	83.667404333	.	15.021858736	5.5267842132	1550.6995775
249	airbus	94.429537667	61	86.419537063	.	25.403277842	4.7193286799	1561.029784
250	airbus	140.49315132	61	92.386358809	.	19.293455316	4.050724597	1714.8999963
251	airbus	179.89848728	61	93.177328078	.	37.574963078	4.32476301	1938.5305461
252	airbus	.	61	98.797757495	101.17577455	25.4439203	4.9106775155	2407.7887178
253	airbus	.	61	100.00688904	97.778193537	18.847637969	3.1094499278	1835.3799986
254	airbus	140.41823982	61	100.08903805	100.5114311	35.489404508	3.5271737885	2369.0840379
255	airbus	194.68890207	61	113.81884043	113.57055032	33.46677406	3.6310323774	3296.3649527
256	airbus	220.05712745	61	120.55794402	118.28817977	15.665658061	4.1112652915	3499.7335809
257	airbus	175.6902467	62	56.58802737	.	48.835248392	4.0231513901	840.85570823
258	airbus	94.595394045	62	63.618755012	.	31.619173639	3.6040687475	574.17385128
259	airbus	111.87790418	62	68.193847243	.	31.787292733	4.3582512208	709.55964462
260	airbus	94.490636016	62	69.283901134	.	32.274716305	4.1201658944	836.48963413
261	airbus	163.52364053	62	72.028024252	.	0.086105484	3.6220566648	537.91958189
262	airbus	162.52084082	62	74.91630489	.	14.399868335	3.1129303364	433.66000569
263	airbus	273.59111286	62	76.185916842	.	19.269834574	4.102909108	789.14106847
264	airbus	.	62	77.729568204	.	12.353622855	4.4082857766	821.01947272
265	airbus	183.13132725	62	81.250209109	.	29.005215492	4.029149785	1193.0813841
266	airbus	127.80752316	62	81.759884177	.	38.956886389	4.4503570367	1526.7508855
267	airbus	103.47744973	62	85.02644786	.	11.716588101	3.8585210867	1287.763774
268	airbus	128.58715752	62	86.239504411	.	10.753780476	4.1132082314	1158.5891786
269	airbus	130.90225189	62	87.06464491	.	36.293850563	3.8649213221	1606.312266
270	airbus	117.97268767	62	88.11053105	.	28.395271449	3.8373781497	1539.7613606
271	airbus	191.36156326	62	88.394240467	.	28.348755793	4.3624777487	1465.2593262
272	airbus	58.973877842	62	88.66267132	.	16.224468166	2.8296991893	1359.840654
273	airbus	173.36642408	62	92.304552545	.	19.239238533	3.3970755665	1451.3961532
274	airbus	164.83945355	62	93.399403705	95.570546707	25.82690612	3.1034419623	1868.1652411
275	airbus	95.847324908	62	96.922695596	99.836951088	21.418855429	3.8448922111	2093.9965956
276	airbus	149.33130581	62	98.727521174	98.147932276	16.09713944	4.3182462482	1885.7456024
277	airbus	110.58281561	62	99.691905653	97.490785232	24.088742996	3.8724027831	1783.8129154
278	airbus	161.23109432	62	100.63019337	100.87746159	20.288654665	2.8616402098	1990.8532282
279	airbus	123.07246298	62	106.07949219	105.31302869	32.780367217	3.3629035953	2493.1981649
280	airbus	158.53503015	62	118.51897858	117.65423338	25.785069143	3.5236553234	3469.1467667
281	airbus	42.146226159	63	46.264718501	.	20.490711515	3.4819121545	383.55849778
282	airbus	212.05403613	63	51.587044527	.	20.451285811	3.063686215	133.08690985
283	airbus	50.051166433	63	55.959266842	.	39.208149657	3.7037746143	833.57494765
284	airbus	156.10258603	63	67.876504543	.	31.007159707	3.8732780529	637.64811557
285	airbus	231.88117414	63	68.897746638	.	31.850023041	3.8115226275	764.03994751
286	airbus	104.6341753	63	69.083940765	.	28.397461881	4.1725671613	812.31993404
287	airbus	137.80766769	63	69.123116925	.	31.151681226	4.0563936902	825.11172234

Obs	aircraft	duration	no_pasg	speed_ground	speed_air	height	pitch	distance
288	airbus	81.884786871	63	70.803896284	.	36.422431065	3.6065243406	816.95898301
289	airbus	184.5313225	63	71.21070304	.	20.941129037	3.6300802089	615.76123718
290	airbus	256.15695287	63	73.143910488	.	37.064138292	4.6485208655	1242.8400471
291	airbus	118.57607182	63	75.368171615	.	31.340776135	3.5580199527	960.25559642
292	airbus	61.206765842	63	76.03590209	.	27.951556914	3.7980803334	1296.7672543
293	airbus	200.62136624	63	77.148459304	.	23.602422529	3.020177825	899.43055864
294	airbus	87.89550164	63	77.219309676	.	27.549527616	4.0913662087	1076.2259181
295	airbus	180.37016335	63	81.060890918	.	24.403675717	3.5144284379	1075.1490733
296	airbus	89.279301967	63	82.738890437	.	34.431394168	4.2458381335	1511.4644415
297	airbus	213.6404677	63	84.914206697	.	36.431090015	4.1769917214	1829.1616467
298	airbus	141.96833358	63	85.849362338	.	46.468182053	3.4015527555	1492.6717204
299	airbus	106.29254173	63	92.807826757	.	31.324910026	3.4806892337	1477.8598122
300	airbus	208.1607048	63	93.508028321	.	36.979298044	3.9378846853	1786.8758779
301	airbus	139.57506186	63	95.678142486	.	31.647087969	3.6392855138	1819.5924417
302	airbus	99.148062915	63	97.096913917	96.913737767	33.144245658	3.5162975656	2060.1694249
303	airbus	130.85088326	63	97.379504716	96.729593787	22.499125622	3.8106767874	2092.8564123
304	airbus	177.25964923	63	98.593618452	97.483929892	22.1261515	3.4315594368	1899.7084278
305	airbus	199.33501381	63	106.32542252	105.11006821	42.972776316	3.62633033	2762.4760516
306	airbus	123.18315223	63	106.92922516	106.7602536	26.927859592	3.2035138242	2770.4296167
307	airbus	192.28287317	64	33.574104065	.	36.970689868	4.3584643374	782.7174172
308	airbus	60.533644154	64	52.984126923	.	23.865002573	4.3227383141	487.46866562
309	airbus	128.37336566	64	55.461625107	.	14.65127605	3.9792117538	180.56522534
310	airbus	163.2311892	64	56.318804267	.	28.374443959	3.2621400251	479.57538743
311	airbus	.	64	59.41387612	.	43.968696323	2.6689056845	626.23203528
312	airbus	133.50735327	64	60.184574838	.	31.105525387	4.2692052208	512.84297813
313	airbus	124.91058524	64	65.764001182	.	36.571837554	3.2368359937	606.02998005
314	airbus	122.73194165	64	67.915050929	.	34.477029282	3.9226490939	776.2641861
315	airbus	149.83829777	64	70.225958233	.	18.128489249	4.3761025513	626.82012635
316	airbus	302.96712319	64	70.227253273	.	37.418397026	3.249907311	847.92908008
317	airbus	.	64	72.646992664	.	28.919946606	4.0969277745	941.34009552
318	airbus	183.35334567	64	78.910594798	.	25.517741657	4.4930816443	870.0946567
319	airbus	121.12762217	64	81.327805718	.	39.359263554	4.5092846346	1419.8524601
320	airbus	207.10845238	64	83.001262933	.	19.737765051	4.4728465723	1116.5588173
321	airbus	148.44727207	64	84.34088335	.	11.671763822	3.3398414652	1085.4841354
322	airbus	207.17299231	64	85.506898711	.	21.388842147	3.8142716977	1304.9028833
323	airbus	155.98658138	64	86.025136467	.	41.656116852	3.7216443692	1598.20407
324	airbus	.	64	89.484021106	.	23.529869193	4.8568314412	1643.1016906
325	airbus	68.155949889	64	91.949607531	.	27.805329017	3.8092130805	1878.7641823
326	airbus	79.343951801	64	92.534347718	.	22.228410408	3.5995757116	1816.9775926
327	airbus	161.09215447	64	94.526255342	.	49.239984741	4.5063742177	2134.1932905
328	airbus	109.91358442	64	95.802818747	.	21.549527519	3.4941462523	1711.4941746

Obs	aircraft	duration	no_pasg	speed_ground	speed_air	height	pitch	distance
329	airbus	108.72206895	64	99.817383459	100.30989703	16.215280593	4.314091631	2080.219501
330	airbus	157.57858379	64	101.37496522	101.35383408	21.405235851	3.2399654772	2028.9675819
331	airbus	169.74937522	65	43.923555127	.	43.050770801	3.365143744	735.82341111
332	airbus	.	65	59.204403387	.	29.594010453	2.885684557	555.76173679
333	airbus	98.992616536	65	66.226605716	.	31.51566151	4.2386850823	587.1886723
334	airbus	111.21465285	65	68.363998888	.	47.389318473	3.3134152585	969.5455753
335	airbus	188.91188031	65	71.642793788	.	27.367955169	3.3622425298	642.45461873
336	airbus	146.46668879	65	72.047967859	.	33.336746044	3.9285188111	739.73734536
337	airbus	274.21773493	65	84.136858635	.	28.401059676	3.593594411	944.66620396
338	airbus	.	65	84.4239765	.	33.537263808	3.6276629705	1204.6697378
339	airbus	144.82275142	65	92.587111717	.	20.58854013	3.1980327283	1710.3486626
340	airbus	173.77141498	65	94.741799868	95.28744661	38.731918151	3.1587029959	1882.9412491
341	airbus	184.61819262	65	95.6169719	95.011364567	23.278395414	4.5655511197	1763.7710753
342	airbus	71.569545479	65	95.782272414	96.312881608	27.686330444	3.4171401102	1740.9018894
343	airbus	154.23622614	65	102.87894145	100.66930601	24.347516208	2.9357567095	2119.3135955
344	airbus	121.91996388	65	108.14498347	106.7040008	21.444463325	3.3553673082	2435.824509
345	airbus	214.72721394	65	114.64796613	114.16251635	35.640281516	3.800254855	3541.5777554
346	airbus	191.31092943	66	44.258483846	.	49.28774347	3.6971400614	901.40670443
347	airbus	142.5876457	66	51.158228388	.	8.559069177	3.9134477851	242.59588646
348	airbus	182.44776305	66	52.70784152	.	24.302641153	4.1859666088	317.81268659
349	airbus	106.37363508	66	53.372409811	.	51.00335315	2.8275572524	538.97414789
350	airbus	179.99562817	66	57.243835228	.	35.325529113	3.0665057372	383.57772124
351	airbus	.	66	62.006182569	.	36.596917427	3.7081461182	742.19173933
352	airbus	149.20859096	66	63.817889502	.	11.238021337	3.6038718062	370.47074159
353	airbus	142.46940356	66	63.918959665	.	30.153465712	3.0650903012	428.99182821
354	airbus	113.38609082	66	64.35053655	.	28.293858818	4.3976129015	537.85612445
355	airbus	143.52069259	66	78.580289917	.	33.75012614	2.2844801423	1011.337258
356	airbus	.	66	81.975974355	.	18.261403443	3.8934084614	1104.1815906
357	airbus	.	66	83.134231231	.	26.318128781	3.4396450566	1093.9088123
358	airbus	119.1088102	66	93.918984258	.	11.198044368	4.2638480897	1504.7458855
359	airbus	217.12308376	66	94.81425838	97.631341718	33.058365517	3.8235547791	2017.6011486
360	airbus	191.42501689	66	98.263990989	99.960634468	45.148966751	4.3938999096	2640.3788446
361	airbus	247.49599004	66	100.75477196	100.83679396	19.028711072	3.1679780428	2123.1470877
362	airbus	77.464034164	66	103.31638732	98.129928636	20.116603599	4.3338350768	2167.2727688
363	airbus	98.500307809	66	123.31053074	124.39076754	22.327175815	4.2767104875	4295.9006131
364	airbus	137.58572784	66	126.24430054	127.93710766	35.175701305	2.7019236952	4795.6357056
365	airbus	203.38738009	67	60.560085102	.	29.772632177	3.7461562294	698.89504068
366	airbus	80.477362793	67	60.789195406	.	33.797453043	3.7235699727	563.10266864
367	airbus	157.93753687	67	61.153699477	.	34.590458026	4.5923499389	867.00783196
368	airbus	152.55802286	67	75.56452452	.	48.517402547	3.5055706483	978.87284361
369	airbus	248.09939047	67	83.35184482	.	39.979702294	4.0038857407	1083.1791276

Obs	aircraft	duration	no_pasg	speed_ground	speed_air	height	pitch	distance
370	airbus	109.544489	67	85.056320943	.	28.1756833	3.7633150125	1553.5002911
371	airbus	150.03039205	67	87.571644271	.	17.538249231	3.022594749	1219.6239018
372	airbus	168.63938031	67	88.522770061	.	36.185138884	3.8278902051	1574.1956723
373	airbus	177.21763924	67	90.672604544	.	30.354887662	3.713248994	1638.1159898
374	airbus	224.05188771	67	96.439482423	.	29.385842916	3.4550924019	1728.491126
375	airbus	149.36036239	67	98.02641239	99.421688766	40.993052838	4.7268210237	2440.381218
376	airbus	145.1702721	67	109.61058292	107.31454298	27.894764076	4.2154127887	2781.7263302
377	airbus	147.71752673	67	114.84660812	113.17086267	58.227799736	3.6727589287	3665.8038693
378	airbus	157.91497689	68	56.497986661	.	-0.067758596	4.6928768405	380.36298195
379	airbus	261.38701422	68	57.08470944	.	15.761691561	3.8049960732	350.60240534
380	airbus	119.63145772	68	66.361535504	.	34.624978263	4.024319476	883.59894001
381	airbus	176.45413738	68	67.759351477	.	44.616542275	3.7843972782	786.13954854
382	airbus	129.67260359	68	67.955731399	.	14.717433562	4.3023776071	436.67877934
383	airbus	.	68	70.707712535	.	44.063655273	3.4282165895	1004.1678423
384	airbus	139.94194516	68	73.282728337	.	25.983547876	3.6736862744	805.09674217
385	airbus	112.82402756	68	73.967306258	.	20.109303351	4.3437927734	755.78531005
386	airbus	217.83662289	68	77.667039183	.	35.216988432	3.1762084946	1070.815564
387	airbus	193.7999709	68	84.980483844	.	27.986606395	4.4952937942	1522.9603513
388	airbus	194.99198538	68	91.15047186	.	15.378493757	3.5127744454	1445.1634341
389	airbus	234.44331062	68	92.644631919	.	43.077414069	3.8622136718	1860.8023
390	airbus	122.73330136	68	94.351548777	97.566738197	45.457865547	4.211725648	2376.8009789
391	airbus	.	68	99.590180051	97.60461733	42.895159857	3.6363220884	2027.0504154
392	airbus	151.67842212	68	100.64166822	102.11014774	32.97737358	4.483191608	2454.2031721
393	airbus	239.99221823	68	104.1958642	104.96261104	27.317381381	3.8378238036	2606.2495663
394	airbus	183.61849925	69	53.539242523	.	31.739422907	3.5237749131	349.15851648
395	airbus	199.43713308	69	58.10907688	.	24.20102213	3.6341657268	418.01946274
396	airbus	216.55809748	69	59.851661953	.	28.24462139	3.4294862595	758.98725696
397	airbus	.	69	61.534975798	.	54.27604275	4.2536409251	880.39785042
398	airbus	157.87421465	69	63.311560067	.	41.290286144	4.0134365838	698.48281232
399	airbus	.	69	66.20583878	.	22.779396611	2.9984599553	499.18883384
400	airbus	150.55059412	69	67.817422299	.	41.12151685	4.20268539	925.67840608
401	airbus	.	69	68.729076653	.	28.504682353	3.6682908219	669.51178213
402	airbus	62.305584888	69	74.463003493	.	28.601781361	3.6786637331	1083.7317457
403	airbus	204.5643728	69	76.614822894	.	11.472293317	3.2632435552	636.74137583
404	airbus	.	69	81.18518654	.	27.687387698	3.3522936228	992.4270648
405	airbus	177.19166302	69	92.808986814	.	29.646414652	4.1643874773	1960.4768127
406	airbus	182.6455026	69	105.88724848	107.52803809	35.286188926	3.3899871506	2948.809709
407	airbus	115.38287235	70	56.843390553	.	41.061980861	3.503821944	754.78284838
408	airbus	184.34738048	70	73.009444126	.	31.024318401	3.9901546936	884.34821909
409	airbus	187.5293351	70	74.599009876	.	17.904767708	4.6306135193	892.98397432
410	airbus	142.06310851	70	74.891135811	.	32.800413715	3.0168055842	811.32244384

Obs	aircraft	duration	no_pasg	speed_ground	speed_air	height	pitch	distance
411	airbus	147.2498181	70	87.997429897	.	34.080792061	4.401251822	1467.7002939
412	airbus	88.527549113	70	89.169632879	.	19.839149264	4.00675958	1315.9735963
413	airbus	132.14387992	70	90.181873333	.	23.844478547	4.2333301803	1539.6855207
414	airbus	116.60449798	70	94.024301167	.	24.367356175	3.6647567985	1610.4152961
415	airbus	249.89360363	70	99.069709651	98.871419862	36.195843364	4.491129194	2268.7826989
416	airbus	.	70	100.9894669	102.46163794	19.703120709	4.3621150325	2348.6175889
417	airbus	110.83592704	71	78.043273673	.	29.508907455	4.5824512999	1122.2836189
418	airbus	83.53692353	71	78.511819946	.	18.34178955	3.5732799299	785.96436759
419	airbus	65.127179167	71	78.518973911	.	22.217104176	3.967321438	1085.6066343
420	airbus	199.57946105	71	81.55425377	.	30.047990166	3.838942736	1264.9324287
421	airbus	167.25061728	71	82.951178677	.	53.438618095	4.034663926	1484.9603318
422	airbus	182.74887203	71	84.333339769	.	28.932963149	2.9914135514	1190.0228225
423	airbus	190.8336252	71	93.79901336	.	45.784826363	3.9702077249	2143.274116
424	airbus	55.919444349	71	98.673302234	98.938700942	40.214749419	3.879809029	2189.9957286
425	airbus	199.50282008	72	58.512146812	.	38.590930739	3.5470466288	432.73222589
426	airbus	156.43617624	72	81.747186874	.	36.077106783	3.7321213369	1125.9695372
427	airbus	156.01335532	72	96.413153673	96.126965377	20.472816347	4.3048320152	1816.5941449
428	airbus	.	73	63.070170569	.	48.868703509	3.7846317788	842.85423856
429	airbus	241.45247872	73	77.967591306	.	28.975526488	3.5296739196	1000.5871657
430	airbus	98.769254269	73	91.268557287	.	37.505115494	3.8389510815	1818.9575804
431	airbus	149.61801294	73	91.580940675	.	30.855544327	3.2691048765	1457.0479014
432	airbus	103.09084673	73	92.994942381	.	-3.332387973	4.8305592948	1567.6657219
433	airbus	207.39498223	73	104.70010613	107.78665842	9.6972160002	3.1724565811	2340.5827973
434	airbus	250.58170358	74	73.197580615	.	45.397326099	3.8514883195	1013.301747
435	airbus	160.31996258	74	77.64145513	.	27.197062658	4.6999622915	863.79800854
436	airbus	.	74	79.443488142	.	37.19716518	3.9370030837	792.98641747
437	airbus	162.96469442	74	79.659629494	.	31.448253109	3.8075017695	1092.8748503
438	airbus	162.78754971	74	95.509000539	.	37.350306237	3.8995015135	1685.3805567
439	airbus	165.49898233	75	56.981643421	.	40.385317066	4.3309997744	762.73376986
440	airbus	119.51313707	75	82.099356333	.	39.809531294	2.779053526	1186.6764296
441	airbus	164.62294861	75	86.603008862	.	27.66435906	4.5796739341	1366.3827454
442	airbus	140.45311445	75	120.41894805	118.48470398	31.263445532	2.7967314066	3470.5838289
443	airbus	182.88208717	76	66.331552053	.	30.280571581	3.4677718628	616.14738739
444	airbus	130.37394533	76	72.344900099	.	32.485759069	4.2856179096	839.24564287
445	airbus	91.651572269	76	89.539601126	.	47.598805099	4.298323337	1862.5550085
446	airbus	190.7394255	77	47.882117055	.	14.835964361	2.7322842836	41.722312733
447	airbus	106.81927691	77	63.222207811	.	34.759322047	3.915841151	656.18695658
448	airbus	206.55378907	77	76.457173777	.	31.918146708	3.8023203942	877.018871
449	airbus	132.46942492	80	100.01055305	100.891677	41.033010684	4.2975016214	2554.8330623
450	airbus	96.765375204	82	90.744313306	.	33.024489327	3.545556835	1811.98402
451	airbus	185.4025176	87	92.12527293	.	45.093607704	3.4182713652	1826.8010013

Obs	aircraft	duration	no_pasg	speed_ground	speed_air	height	pitch	distance
452	boeing	159.22116836	29	62.699670618	.	27.145647213	3.6351738156	1016.9505364
453	boeing	163.96367943	42	78.282488619	.	15.730271196	4.0579920873	1328.9854598
454	boeing	155.00792518	43	92.130909422	93.675816291	35.186988882	3.6908539437	2370.007204
455	boeing	206.06572604	44	61.847975974	.	26.939627352	3.9372737398	896.58091126
456	boeing	177.26527713	44	70.014674739	.	22.164163332	5.0506430012	944.2389353
457	boeing	124.94457133	44	72.546668651	.	42.859879536	4.028501716	1321.1606709
458	boeing	83.515006172	44	95.068731567	96.084198669	17.376660338	3.2011486815	2183.7983628
459	boeing	148.01383881	45	85.30664108	.	33.592811671	3.8580195191	1683.3057381
460	boeing	141.93411511	46	27.735715303	.	24.400127629	4.3682093233	1323.7157777
461	boeing	142.15534911	46	39.769294325	.	39.655921061	4.5992872267	1030.457488
462	boeing	212.29018	46	89.533713205	90.626181428	35.494742904	4.0010380484	2148.1079287
463	boeing	260.03401677	46	91.656696218	93.054834352	44.601461257	3.6923081945	2482.6563138
464	boeing	189.6629425	46	105.68599131	107.65427149	36.485676065	3.5484269617	3447.3615042
465	boeing	147.75443364	46	110.14590326	110.60412114	25.817052927	4.7258496052	3435.3918022
466	boeing	150.39249011	46	112.10343544	111.43506922	19.7157721	4.5043931104	3479.1328084
467	boeing	171.20478082	47	44.640038638	.	35.051784806	3.9109809065	993.18386593
468	boeing	228.96326107	47	59.439028553	.	8.7268654925	4.0336203157	653.61609083
469	boeing	99.102933856	47	73.85437083	.	18.779687337	4.9150242402	1352.959628
470	boeing	146.38562216	47	90.354274819	.	14.114268518	4.0402550027	1593.0611271
471	boeing	156.80568995	47	95.322576422	94.215160768	30.270100189	3.6451345759	2233.0489624
472	boeing	211.88872874	48	43.174799431	.	34.918422109	4.025280804	1057.1531205
473	boeing	146.19877423	48	55.427606198	.	21.785707448	4.7511947442	777.33787486
474	boeing	137.72738084	48	57.901337428	.	30.587319813	3.5353349684	831.09478796
475	boeing	209.67206752	48	76.515741847	.	41.40728351	4.1932644003	1398.2397027
476	boeing	56.55062968	48	84.551886154	.	26.393957229	4.8816392442	1531.6355717
477	boeing	174.60689592	48	100.27342608	98.716047714	25.320301802	4.1610579048	2503.7000627
478	boeing	166.10453073	48	116.59249189	118.0114174	13.26323991	3.1339588754	4129.0422604
479	boeing	117.02007338	49	54.729138547	.	26.061626528	4.4497617336	800.13464832
480	boeing	162.45273186	49	57.65125066	.	30.305425419	3.9341591214	981.8893648
481	boeing	177.62133285	49	65.570869498	.	8.8251728965	3.6673684977	839.26516938
482	boeing	97.76437201	49	66.192530367	.	47.715701656	3.6191908432	1595.1338347
483	boeing	186.68141397	49	66.417230464	.	44.692695788	4.1135438115	1176.0276765
484	boeing	161.10734359	49	80.130144171	.	31.190275265	4.8073484416	1361.9103755
485	boeing	213.98450886	49	80.394057703	.	16.962413199	4.0980200281	1531.2870582
486	boeing	126.94651352	49	84.588609025	.	37.080439428	3.3443854922	1814.7887866
487	boeing	92.450287837	49	101.5435039	101.84980019	18.169394071	4.8226833856	2573.0532475
488	boeing	114.76272432	49	107.13151958	107.51990264	25.200025499	4.6795028112	3011.3797378
489	boeing	71.877046469	50	40.676738571	.	39.550442157	4.1852995438	974.57210835
490	boeing	73.127692927	50	46.541887353	.	14.603086808	4.0817709211	731.2032589
491	boeing	131.52086125	50	48.325200825	.	29.337217117	3.6212473892	967.46412609
492	boeing	136.64928054	50	61.202449961	.	28.405156035	3.9999589106	1123.4040619

Obs	aircraft	duration	no_pasg	speed_ground	speed_air	height	pitch	distance
493	boeing	193.51036702	50	63.262519	.	32.108376382	3.9039030111	1100.3514245
494	boeing	194.84869379	50	64.458041102	.	34.548124805	4.6054192743	962.79014726
495	boeing	183.07118278	50	83.268372214	.	26.899228747	4.6010647985	1479.8423079
496	boeing	149.46417091	50	85.626544184	.	32.542946798	3.718828622	2046.0738518
497	boeing	93.781362732	51	42.61322981	.	37.945696039	4.6342702819	1122.0329633
498	boeing	217.50312565	51	53.691922053	.	19.911567238	3.1126360731	984.42773287
499	boeing	96.71237774	51	56.645400488	.	26.53804471	4.2228939729	1048.6182004
500	boeing	211.17454032	51	65.104876757	.	27.033533644	4.4171773513	980.45281693
501	boeing	178.71333071	51	70.480194088	.	7.5824945838	4.8167893156	822.2286414
502	boeing	84.368450612	51	75.116022418	.	34.879568015	3.9307575129	1270.3031785
503	boeing	183.38305244	51	83.56114456	.	42.053935847	3.686819564	1826.7638815
504	boeing	129.92837141	51	84.349981219	.	23.855175656	4.6183945357	1671.1264651
505	boeing	193.99574238	51	84.840923885	.	23.302265488	4.9566399591	1769.7810202
506	boeing	31.391008253	51	98.219800666	99.057514589	52.473140903	4.1623371208	2808.3151244
507	boeing	136.32776148	52	38.259020081	.	28.338283561	3.9376315891	981.14796314
508	boeing	222.70208536	52	39.725711308	.	33.265348033	4.4522817052	1037.914549
509	boeing	71.573834716	52	46.965489789	.	48.836222177	3.7268981671	1136.0148411
510	boeing	247.98401016	52	62.90034686	.	42.127629148	4.8356172109	1021.992946
511	boeing	198.37390585	52	69.097979803	.	35.271396162	3.7346212547	1111.7933647
512	boeing	206.9495941	52	69.382166673	.	24.740341243	4.0279838777	1005.1180491
513	boeing	130.41743052	52	71.681487926	.	9.688307724	3.7585464091	975.34125596
514	boeing	133.76501239	52	80.419749959	.	11.974067057	4.2529531989	1200.935888
515	boeing	196.46411848	52	81.533090888	.	22.411979234	3.702074231	1587.3880099
516	boeing	201.8908613	52	81.552420657	.	25.600201778	4.1334046688	1646.6971512
517	boeing	95.297732211	52	92.769372634	91.072495358	35.463228123	4.234651479	1960.400037
518	boeing	121.93411774	52	99.853089005	100.66155809	17.884147663	4.6385660147	2478.60892
519	boeing	195.28768108	52	111.12792844	109.8216216	28.883346002	4.766634547	3439.7254669
520	boeing	130.46356358	52	116.71343434	117.65649967	36.195527446	3.8943524297	4240.0941825
521	boeing	277.17600519	52	119.65393667	120.19232219	25.182762649	4.9342407496	4292.1675118
522	boeing	63.32952055	52	132.78467664	132.9114649	18.177030219	4.1106642414	5343.2009539
523	boeing	163.73992283	53	44.394275805	.	37.763521555	3.8154730289	996.87232711
524	boeing	146.54974486	53	58.288973718	.	27.968682076	4.3118895338	919.04747904
525	boeing	105.9719547	53	64.193536196	.	30.29964051	3.8127964757	1053.6333364
526	boeing	153.65742555	53	79.413854562	.	14.4479785	3.2463483541	1240.2804099
527	boeing	146.34521506	53	84.943445968	.	24.874630657	3.8893269176	1658.969957
528	boeing	287.00251573	53	91.399926159	93.343173573	26.329234721	4.6584345975	2020.2731572
529	boeing	112.90009528	53	98.180410862	99.135830727	28.152991316	3.9874712191	2586.6650864
530	boeing	190.94950044	53	100.58974916	98.339305566	18.835040835	4.4880834024	2164.521515
531	boeing	98.4790912	53	107.91568005	109.32837648	27.418924252	4.0435145715	3369.8363638
532	boeing	179.98183168	54	41.204141157	.	35.729484049	4.9440403076	898.307233
533	boeing	137.92287323	54	47.148822575	.	46.42619482	5.1183234022	1128.968076

Obs	aircraft	duration	no_pasg	speed_ground	speed_air	height	pitch	distance
534	boeing	73.023794916	54	54.4298029	.	24.03532163	3.8376457299	805.30399317
535	boeing	254.10529467	54	63.275914069	.	41.334169856	4.2581993926	1183.9204312
536	boeing	141.64645173	54	64.99673603	.	12.720887595	4.3681656285	960.18473411
537	boeing	131.03064082	54	69.741407968	.	37.513591055	4.2882663909	1387.7685206
538	boeing	221.51726012	54	73.466804495	.	42.13800428	3.4653573854	1526.5588456
539	boeing	164.2297339	54	76.13164105	.	28.045195464	4.5754455924	1267.7619634
540	boeing	191.01846138	54	80.330398441	.	48.426731903	3.689757889	1809.4595873
541	boeing	152.73119726	54	83.655266858	.	25.684334148	4.4463077911	1470.7842588
542	boeing	139.38418182	54	84.095883702	.	37.317578277	3.8734612582	1853.9601925
543	boeing	72.416768281	54	85.467591421	.	34.043887949	4.1820891826	1978.3114087
544	boeing	187.20999223	54	88.566727615	.	14.748572684	3.9418381552	2041.6723412
545	boeing	211.08978276	54	89.950891045	91.119337499	33.658158206	4.2850288805	2110.2910317
546	boeing	72.289633216	54	93.391762435	92.869561214	32.223489271	3.8182761471	2128.708285
547	boeing	244.15892899	54	102.86233926	104.43770673	27.615829776	4.6752390451	2792.9711992
548	boeing	180.61655753	54	141.21863535	141.72493569	23.575935009	5.2168022511	6533.0476506
549	boeing	196.85627619	55	42.529714102	.	27.591837996	4.4852938434	872.57542081
550	boeing	225.55508155	55	55.547211349	.	36.419841948	4.4902032507	1053.8265214
551	boeing	193.49660053	55	56.914846281	.	33.286273678	4.0174909548	969.95936346
552	boeing	70.973088175	55	58.893753411	.	26.034925195	4.3139729914	987.78832224
553	boeing	270.59594972	55	63.193085808	.	20.801467416	4.0098154916	829.07888581
554	boeing	185.8033861	55	65.002039664	.	48.277120042	4.6626359629	1299.3556792
555	boeing	148.48487906	55	68.774979774	.	20.505335501	3.3663786573	1191.9397318
556	boeing	176.54251382	55	69.899813333	.	11.990372995	4.4587491703	812.22299178
557	boeing	137.59581722	55	75.014343744	.	41.21496259	4.203853398	1627.0681991
558	boeing	118.63054039	55	79.994815042	.	29.366866101	4.4071812572	1515.9652753
559	boeing	86.580598274	55	80.390888645	.	37.014301824	3.6518541525	1426.5078042
560	boeing	163.78758153	55	82.559399461	.	37.122437211	3.5971706577	1813.8426449
561	boeing	79.275891735	55	90.253814593	90.367403727	40.279043115	3.9460448944	2001.0544269
562	boeing	89.358081787	55	111.20254724	110.68407583	41.852413182	3.8616434264	3698.1257979
563	boeing	163.90650312	55	119.3804635	120.44470797	38.558536007	3.7014493887	4524.2788621
564	boeing	151.45816901	56	41.610329524	.	25.010603482	4.6123785855	735.79917826
565	boeing	191.12245642	56	42.019805613	.	43.876050312	3.4078226175	1089.0527095
566	boeing	71.750943009	56	55.791761883	.	25.806962591	4.2245522816	671.30322121
567	boeing	183.29960065	56	60.225343326	.	36.486291546	4.4718126833	914.22410463
568	boeing	176.86203205	56	61.796710514	.	36.748816124	4.1843990127	1137.7457579
569	boeing	145.16618815	56	67.281121753	.	38.999617389	4.8029112865	1181.2480163
570	boeing	41.949369362	56	71.212825876	.	38.39864105	3.7230744201	1225.5124632
571	boeing	107.46733468	56	71.965448513	.	32.455027763	3.4805850946	1249.7348532
572	boeing	168.65750283	56	80.921310624	.	59.945963938	3.9520262499	1936.0136293
573	boeing	166.660164	56	82.225871665	.	18.964776414	5.0340665082	1338.4679955
574	boeing	196.82569105	56	85.813327679	.	30.744597235	3.8842361245	1664.2181584

Obs	aircraft	duration	no_pasg	speed_ground	speed_air	height	pitch	distance
575	boeing	105.57835252	56	86.838613713	.	17.785754829	3.6125019702	1723.7486077
576	boeing	147.19561126	56	88.705121104	.	40.94901507	4.1270256473	1967.3586047
577	boeing	130.21784671	56	93.549331648	90.767999862	16.292893992	3.4617629884	1852.0009898
578	boeing	167.61572481	56	110.9901105	109.75178909	58.081789646	4.495264388	3723.0547528
579	boeing	113.36295687	56	113.96402929	113.74609122	44.735463184	3.9379057702	4017.785457
580	boeing	232.79385582	56	123.95687145	122.18668469	26.367547127	4.061951127	4483.8596367
581	boeing	161.10514801	57	47.883210688	.	28.036760187	4.6915095248	745.65270838
582	boeing	52.903187872	57	57.101661737	.	19.388837508	4.6436717769	573.62178606
583	boeing	91.889837592	57	62.63738999	.	33.410929305	4.5781069971	1029.3427816
584	boeing	157.35773231	57	72.327130778	.	26.223285332	4.2231807894	1105.3658522
585	boeing	247.21710205	57	73.313432826	.	20.343993391	3.8794887756	1217.3211669
586	boeing	217.27806787	57	74.018401179	.	41.381926848	4.85323642	1579.7571882
587	boeing	212.95092162	57	79.336328816	.	55.093509149	4.7749364059	1817.3928658
588	boeing	156.84776593	57	83.544413145	.	27.608910033	3.9620061102	1566.2563323
589	boeing	135.16511647	57	85.580908071	.	42.128705594	3.3296046909	2123.800935
590	boeing	161.25144479	57	87.764686412	.	28.320499464	3.7766276074	1987.1538234
591	boeing	95.463778941	57	90.823243776	92.917699283	40.490463157	5.0059508826	2272.0974357
592	boeing	100.97739773	57	91.224131261	90.002858582	45.02439155	4.1036944046	2187.2345662
593	boeing	151.8784165	57	91.508205537	90.50331792	17.087228104	3.6746103159	1780.1098288
594	boeing	136.95959804	57	95.227816049	94.203632315	22.603041623	4.1321979588	2270.0536553
595	boeing	120.82452974	57	102.05411758	101.33561417	20.834549966	3.9853692952	2498.8167045
596	boeing	126.04011666	57	105.71922152	105.10447842	37.325699826	4.0600509244	2984.0236879
597	boeing	134.21929344	58	43.124453971	.	36.98798361	3.8493425417	977.3980544
598	boeing	79.470818126	58	51.836297611	.	18.985617188	4.8265473561	676.18903827
599	boeing	200.4484551	58	54.591785888	.	30.365906105	4.4405907577	925.38573072
600	boeing	198.37167722	58	65.275578745	.	24.898696811	4.3874356737	904.23482542
601	boeing	117.31914798	58	67.051323577	.	34.301590058	3.9585681414	1174.7516579
602	boeing	164.10389844	58	71.182374599	.	35.058268309	3.958377908	1310.6038052
603	boeing	126.26121707	58	72.604057765	.	21.221140598	3.8824870511	971.07095954
604	boeing	228.88024339	58	72.775165291	.	44.697612488	3.9699836905	1570.3399227
605	boeing	187.59954737	58	94.036412942	96.196460585	33.661226156	4.6361847249	2304.857574
606	boeing	125.22795062	58	99.168593593	96.928013479	36.694347458	4.2271664232	2556.5952545
607	boeing	206.16697017	58	104.6639371	104.70414385	38.214350307	5.0516233259	2930.2095004
608	boeing	108.34193403	58	108.1331095	108.50090006	42.952395762	4.6257015342	3545.2527766
609	boeing	153.78655205	58	109.53850934	109.38230052	12.990661148	3.9879573804	3188.2681596
610	boeing	197.1772966	58	113.88913724	113.44548322	33.455375847	4.2330578025	3785.6544181
611	boeing	209.10634824	58	124.56986234	125.98691462	40.101121967	4.6484282637	5147.4101244
612	boeing	223.39922115	59	42.799753094	.	34.552971375	5.2866300246	851.96217314
613	boeing	150.84109663	59	56.441314363	.	20.783114081	3.7320281536	731.33170479
614	boeing	211.1735825	59	61.525983966	.	15.390422594	3.7066521648	751.99314418
615	boeing	249.42692332	59	62.68325229	.	39.918035172	4.4333088665	934.55241454

Obs	aircraft	duration	no_pasg	speed_ground	speed_air	height	pitch	distance
616	boeing	146.18126345	59	65.334357647	.	32.666905195	4.4053438458	968.43681985
617	boeing	161.80081696	59	72.609522005	.	58.08354481	3.670238783	1698.1840267
618	boeing	142.42032129	59	80.433449799	.	19.787504785	4.016768468	1445.8652618
619	boeing	147.99216651	59	80.992495294	.	21.705147966	3.3636279418	1485.5412586
620	boeing	94.432281552	59	86.377162961	.	39.08627076	4.1913777105	1943.1324846
621	boeing	197.87679359	59	88.687580311	90.730473056	38.027848737	5.1184227803	2073.1551564
622	boeing	151.30425348	59	88.956773778	.	12.870102639	4.5444191354	1669.5852914
623	boeing	104.86600055	59	90.20736473	90.790709945	28.275039546	4.7233999816	1880.294666
624	boeing	224.74612525	59	91.222070101	92.752576407	31.3636825	4.2546536804	2174.6991646
625	boeing	169.8441908	59	91.788491845	91.276914115	31.441320625	4.5534097219	2051.218761
626	boeing	205.92344941	59	92.098290527	92.169032549	44.697091672	4.2340698038	2339.3841943
627	boeing	99.156873954	59	93.253559002	93.471079072	25.763979474	4.419371775	2047.6970209
628	boeing	217.92741983	59	96.373307457	97.103361808	29.911515767	4.5521477521	2217.8308897
629	boeing	127.22257688	59	107.61447636	107.87262235	31.388203556	4.5523263153	3133.3479229
630	boeing	14.764207145	59	108.29169029	109.32758442	46.930873666	4.8096217396	3645.6110025
631	boeing	164.23895215	59	113.02952089	113.17469225	38.348270296	3.2768351407	3913.2287255
632	boeing	127.99133129	59	114.29273489	113.86393738	25.46813856	5.13824264	3668.8878406
633	boeing	272.03905778	59	118.92272448	120.39703516	15.049348509	4.1065723599	4279.567211
634	boeing	155.40920579	60	45.068897182	.	34.147519961	3.9058165344	1196.4554672
635	boeing	165.88760768	60	49.168445223	.	28.206547549	3.8902037695	662.1715576
636	boeing	157.14442833	60	52.611914921	.	30.767435238	4.5920197594	825.47834166
637	boeing	136.97552287	60	59.092128964	.	23.936206647	3.227014688	987.55977466
638	boeing	112.47343958	60	63.238252725	.	29.620479559	5.2258651627	832.51894862
639	boeing	122.76726937	60	64.418664168	.	39.039369038	4.4068108589	966.90679057
640	boeing	117.22302611	60	66.457008779	.	28.242811748	4.0939414262	979.60127543
641	boeing	210.96192908	60	70.059553511	.	37.117297093	4.9136444842	1395.1404027
642	boeing	134.82969458	60	73.837974102	.	32.782971127	4.0714235456	1260.6116333
643	boeing	172.67372471	60	78.769326803	.	20.220167757	4.4195736944	1195.942141
644	boeing	157.78543241	60	79.415523264	.	50.840300316	4.2830001144	1960.4303783
645	boeing	186.22325748	60	83.244098511	.	36.093865853	4.6160035246	1771.622268
646	boeing	197.92261066	60	86.700138717	.	27.111513916	3.9743307104	1937.2562557
647	boeing	190.74568278	60	89.802950086	.	26.561001773	4.5145707487	1829.2372134
648	boeing	176.25512589	60	93.067211203	94.970196297	35.551603936	5.1171174536	2238.3595351
649	boeing	72.504936019	60	93.144745365	91.586299119	28.311008354	4.729995759	2072.9072803
650	boeing	107.1201412	60	93.89933526	93.18623585	26.470877122	3.8504358681	2157.4188427
651	boeing	150.30399551	60	95.821777765	96.55237859	27.403567281	4.1152876349	2206.6753231
652	boeing	163.6083374	60	97.502719317	99.433906835	34.082266727	4.7375418354	2652.9561067
653	boeing	75.012761732	60	99.378685634	99.944509978	33.945667089	4.3961857413	2578.2376602
654	boeing	149.22417751	60	99.474191537	101.09511856	19.852903991	3.3027471997	2560.7610893
655	boeing	152.57631192	60	101.44035041	101.69322587	23.452540302	3.6532967648	2740.8022741
656	boeing	130.4243533	60	111.88830909	110.20457764	10.255225364	4.5117260898	3164.4683553

Obs	aircraft	duration	no_pasg	speed_ground	speed_air	height	pitch	distance
657	boeing	124.48006198	60	114.48071659	114.69029121	45.077666293	4.3341369227	3873.0956584
658	boeing	99.193858446	60	119.67749254	123.04933242	27.558024612	3.6405647359	4455.647775
659	boeing	212.94303494	61	29.227656382	.	23.349901124	4.3961881217	1076.855217
660	boeing	158.4618984	61	53.778126741	.	46.355832902	5.5563991716	1075.3717411
661	boeing	92.336070812	61	54.031347709	.	14.564305239	4.6681266852	770.64221651
662	boeing	124.87990086	61	63.45721573	.	27.245171343	4.5134267082	1056.4603446
663	boeing	130.75025897	61	65.760129141	.	28.666938655	4.4815795592	893.57795417
664	boeing	168.76056984	61	66.430878666	.	29.242010431	3.615376508	1163.3171085
665	boeing	186.51093123	61	70.790388741	.	12.099622529	4.1539022458	959.13844683
666	boeing	112.0170008	61	71.051960883	.	18.589385734	4.4340431286	1144.922426
667	boeing	124.65932056	61	76.529795789	.	20.238480104	3.9437122363	1379.260881
668	boeing	97.085440418	61	78.188685016	.	28.01117552	4.4508307437	1341.1783075
669	boeing	70.970581802	61	80.373077529	.	43.524704765	4.0629176801	1812.4313695
670	boeing	153.54633587	61	83.556493271	.	29.897473262	3.519783726	1793.5628232
671	boeing	135.03150721	61	84.889872444	.	15.021858736	5.9267842132	1668.2067647
672	boeing	155.51861605	61	85.443624251	.	35.375389749	4.2287278648	1698.9927548
673	boeing	132.16475292	61	85.936194711	.	39.73510996	4.2757075985	1712.1068609
674	boeing	204.13798129	61	86.487372948	.	35.017471899	3.6675272069	1935.0727134
675	boeing	293.22996031	61	88.498576695	.	35.034204541	3.8609233149	2079.8514381
676	boeing	114.25950947	61	90.009413195	.	39.0970712	4.621878456	2086.9756588
677	boeing	93.528629974	61	90.331897645	90.111013336	42.408189952	4.4151279938	2259.8440485
678	boeing	193.72628552	61	91.511512961	93.207775371	29.836884637	4.0703219951	2186.6221289
679	boeing	139.41386506	61	93.273287999	93.496041217	21.128503656	4.1557370003	2191.3270511
680	boeing	218.02088213	61	98.206172066	96.033397859	24.531203641	4.3804647597	2149.5567186
681	boeing	182.201019	61	104.29512563	103.09643628	32.659533615	3.8725587384	2689.1596942
682	boeing	131.74744179	61	105.06367666	107.44169372	25.4439203	5.3106775155	3062.065008
683	boeing	142.1380034	61	105.10045279	103.35311485	28.633773668	3.4542098688	3152.596502
684	boeing	163.0853723	61	106.67585206	104.44715655	18.847637969	3.5094499278	2850.7059682
685	boeing	159.85144077	61	107.30146063	105.91314482	15.326207274	4.2502577597	2652.802421
686	boeing	99.681502958	61	121.83713667	120.95340518	33.184596582	3.8674761307	4427.670764
687	boeing	153.8344532	61	126.83927854	126.11864818	20.547833848	4.3345575101	4736.6045811
688	boeing	176.85391129	62	54.580212422	.	19.860379833	3.1467910951	669.11794366
689	boeing	283.76336844	62	58.889312381	.	4.2644634439	4.7721930401	425.85856098
690	boeing	121.61570253	62	59.32138735	.	35.286592667	3.6869802999	1083.3869491
691	boeing	111.00858296	62	62.717325735	.	27.458164185	4.6961506762	844.79555257
692	boeing	158.4190187	62	65.642893609	.	26.96473354	3.4595436201	1154.2199175
693	boeing	184.04178421	62	69.708148038	.	15.346686686	4.0447012735	1116.7582458
694	boeing	120.35279744	62	76.972757606	.	12.353622855	4.8082857766	1071.7417433
695	boeing	131.23242146	62	79.621876063	.	32.944483412	5.0704365136	1510.2127075
696	boeing	155.84557082	62	79.745315854	.	23.839448756	3.3959225955	1322.2129905
697	boeing	112.24050071	62	85.089021397	.	13.190910615	3.2579978206	1782.3672271

Obs	aircraft	duration	no_pasg	speed_ground	speed_air	height	pitch	distance
698	boeing	175.29994853	62	89.533401642	90.476723723	39.563714404	4.1141180063	2196.4727211
699	boeing	86.828911312	62	91.714535792	92.874851912	28.773729478	3.3058880775	2313.3356963
700	boeing	205.87361329	62	113.99630814	110.65991559	34.443424964	3.873845001	3405.3507059
701	boeing	183.95750281	63	45.857193744	.	39.804470778	3.96076458	1050.550585
702	boeing	203.89582605	63	46.036109985	.	26.587750664	4.227021402	929.68761249
703	boeing	101.45247914	63	46.756897002	.	37.343151844	4.6860084868	847.65729247
704	boeing	159.64040023	63	60.419115087	.	16.338199694	3.9430834445	858.41251225
705	boeing	149.87049036	63	60.622375756	.	35.461665969	4.9469603055	1146.3771278
706	boeing	154.36870049	63	63.540613553	.	26.402991875	3.8566584986	1089.9729531
707	boeing	17.375513046	63	63.57042961	.	28.406673108	3.9378640453	1032.4646189
708	boeing	68.201536698	63	67.955636835	.	39.479483513	4.7795649622	1344.3403491
709	boeing	119.70600605	63	67.969699235	.	27.862901056	3.6862217761	1237.473458
710	boeing	139.85635751	63	69.494644709	.	24.573883721	4.6776772802	1033.7151598
711	boeing	97.477623266	63	73.533976336	.	29.152465311	4.0140064257	1332.0387485
712	boeing	123.18642614	63	73.875179495	.	47.166641873	4.4351506589	1394.5303247
713	boeing	172.44293471	63	74.831847823	.	22.166635809	4.3234192828	1176.1244463
714	boeing	116.61255129	63	75.731579545	.	21.30956605	4.1517114895	875.78649863
715	boeing	158.56363888	63	77.858801342	.	32.430472277	3.993557164	1457.7579144
716	boeing	99.996683661	63	77.982229864	.	48.740966578	3.6365363239	1655.6344147
717	boeing	160.33576673	63	78.270298206	.	32.732115723	3.9023897774	1346.5410738
718	boeing	115.094687	63	79.927673217	.	19.554736677	4.6307186429	1067.8381154
719	boeing	129.41473997	63	85.544839926	.	25.43492914	4.3986300351	1679.7391011
720	boeing	169.83634839	63	93.985111905	96.262416093	29.633598821	4.4709418013	2444.5285886
721	boeing	154.06174189	63	94.63080988	93.935280295	41.42337543	4.757852551	2342.7732419
722	boeing	194.67245365	63	95.732907331	97.18505051	47.586622182	3.7321120105	2526.4748975
723	boeing	121.10832212	63	101.04739372	101.72213876	40.03855437	3.8998686693	2830.4376072
724	boeing	222.28989161	63	101.52330605	101.11892399	27.15831085	3.3603490103	2849.4570355
725	boeing	128.88756525	63	102.54306508	104.6244013	28.788569072	4.7041655355	2774.4541623
726	boeing	142.67963078	64	43.34610704	.	37.364530578	5.0860877182	807.79667272
727	boeing	175.08462089	64	52.493139102	.	-3.546252405	4.2132855404	581.38099947
728	boeing	202.67409934	64	52.551834827	.	43.968696323	3.0689056845	1208.4958466
729	boeing	176.3055956	64	65.813679598	.	21.678952588	4.8844598595	690.00147828
730	boeing	171.78949914	64	70.195990219	.	28.919946606	4.4969277745	1197.8216435
731	boeing	88.954538748	64	71.3450445	.	38.430396787	4.3078969167	1215.6919756
732	boeing	192.27232801	64	71.753544367	.	15.870447594	4.4654794397	920.71562998
733	boeing	124.71064101	64	72.261225036	.	36.318371962	4.1729147394	1105.2467122
734	boeing	242.43576866	64	74.216337616	.	22.226794163	4.0706159357	1338.2618248
735	boeing	209.06467683	64	76.008046539	.	40.463849366	4.5143958108	1502.0667088
736	boeing	157.8087398	64	78.847250691	.	19.141129477	4.2602449396	1435.9245683
737	boeing	147.90533612	64	90.499523559	.	31.401174198	4.3570430756	1853.9479702
738	boeing	65.695508337	64	92.645361475	94.735261406	23.529869193	5.2568314412	2022.7322942

Obs	aircraft	duration	no_pasg	speed_ground	speed_air	height	pitch	distance
739	boeing	106.51409405	64	92.885912601	92.645789262	20.38614078	4.1174070392	1977.1171934
740	boeing	107.7317815	64	93.745994551	94.405765313	29.612945004	4.3002536259	2101.7677931
741	boeing	204.95500718	64	95.677542179	99.112603039	41.444766094	4.777534014	2718.4297538
742	boeing	107.33618321	64	99.020789307	97.330315822	32.890788957	4.3776848107	2405.907939
743	boeing	79.999309582	64	100.17254212	100.2606698	48.602824838	5.0558179864	2771.1312647
744	boeing	119.92455279	64	136.65915832	136.42342138	44.286109179	4.1694037368	6309.9459762
745	boeing	84.296505847	65	34.11776613	.	35.266706534	4.2902689148	1198.0892035
746	boeing	170.7986135	65	52.272537849	.	29.594010453	3.285684557	1057.7080347
747	boeing	148.43733516	65	53.539999416	.	30.158679965	3.5657235226	1024.0947953
748	boeing	126.32374545	65	65.885329556	.	19.600003056	4.68790103	846.18064214
749	boeing	122.18570855	65	70.256718159	.	19.97791367	4.2333790632	1160.8697017
750	boeing	216.97429855	65	71.468178885	.	36.821184681	3.6548358754	1267.1146769
751	boeing	161.46087702	65	73.977879897	.	30.671884004	4.8764256488	1187.6768518
752	boeing	215.47668572	65	75.266954554	.	50.166097198	3.9182150647	1712.8382397
753	boeing	177.19269932	65	85.898635333	.	33.537263808	4.0276629705	1710.8614841
754	boeing	218.77717679	65	88.986193794	.	22.930162046	3.4812327746	1770.9247699
755	boeing	180.14354151	65	91.000271752	91.586051671	17.641253665	4.4079869843	1838.5676697
756	boeing	233.42754222	65	92.489290879	94.524363884	20.912576869	3.9408686151	2104.0896845
757	boeing	202.54627831	65	93.615201471	95.322444555	18.58645339	4.160108483	1987.8170111
758	boeing	140.23631155	65	118.74200471	119.40214631	19.856192215	4.6462659602	4217.1294518
759	boeing	158.78738396	66	56.008243425	.	36.596917427	4.1081461182	1098.846112
760	boeing	162.21217553	66	60.096269716	.	23.464759724	4.0191426633	781.26308512
761	boeing	154.28455045	66	62.083253452	.	22.658536982	4.6145885274	974.86323902
762	boeing	179.91591838	66	63.671165314	.	19.574699606	4.2867337712	873.4408921
763	boeing	106.63723793	66	64.892926797	.	29.439950209	5.0174729326	924.10287374
764	boeing	155.62741778	66	64.946988369	.	27.0634843	4.4386388552	920.28626467
765	boeing	115.39520555	66	65.539878656	.	33.849552954	4.2345371732	962.60912362
766	boeing	142.30606617	66	67.493137165	.	26.494345137	4.4931978296	1234.502056
767	boeing	56.64048966	66	72.953658239	.	36.154157217	4.3878559157	1205.1280251
768	boeing	204.44587388	66	80.725759835	.	46.84094597	4.4096600285	1995.4052035
769	boeing	124.24032001	66	82.634632474	.	18.261403443	4.2934084614	1515.1388493
770	boeing	94.319896766	66	83.635110177	.	23.466406143	3.5487071321	1499.7242663
771	boeing	298.52233394	66	84.178974975	.	26.318128781	3.8396450566	1616.3556623
772	boeing	160.32820416	66	87.887062402	.	19.450329278	4.8103006452	1543.387011
773	boeing	102.4198377	66	104.03291094	102.84676339	27.83361523	4.8609660183	2637.5324359
774	boeing	154.19446968	66	107.05908552	108.17746968	27.407950767	4.2274190679	3158.8776668
775	boeing	154.99001709	66	108.99641883	108.36091041	15.538766161	4.5480278507	3097.0654015
776	boeing	109.45172219	66	117.64059121	112.26495489	35.910035823	4.0582181528	3741.0677162
777	boeing	192.181773	67	34.30363513	.	30.138274703	4.4995089168	1001.0805665
778	boeing	164.77436392	67	53.113984349	.	27.920433284	4.3227229045	819.23600163
779	boeing	79.052818033	67	54.247896274	.	43.971026107	4.2873601424	1305.9245641

Obs	aircraft	duration	no_pasg	speed_ground	speed_air	height	pitch	distance
780	boeing	180.64114727	67	55.827468142	.	41.048663032	4.1218284135	1101.4343544
781	boeing	209.28129342	67	76.531843725	.	30.598791007	4.2369678091	1236.3788062
782	boeing	114.19371901	67	77.41822091	.	21.656204825	4.6306064817	1185.2280385
783	boeing	83.512569699	67	78.625488084	.	17.342190802	3.8634086267	1104.404226
784	boeing	196.27823416	67	78.664147734	.	46.591258417	4.15208631	1768.4739674
785	boeing	124.35337627	67	78.954218512	.	28.972879292	3.8124590751	1480.5722537
786	boeing	150.17368779	67	84.187423913	.	40.757234893	3.9228883057	2065.3054444
787	boeing	87.736413994	67	92.400239648	92.425135006	34.107757421	4.3353530907	2144.5845633
788	boeing	116.98454192	67	122.75656197	123.88257287	30.216568242	3.2137033407	4807.8798069
789	boeing	154.52460358	67	129.30718407	127.59332059	23.978496799	5.1546989117	5058.4695164
790	boeing	143.33261546	68	33.822953314	.	37.680495945	4.0703468804	936.57807216
791	boeing	233.43123856	68	34.222063657	.	28.629155926	4.7888425657	955.9096666
792	boeing	226.57166739	68	50.859254878	.	31.058966163	4.122637666	840.54299274
793	boeing	80.397000957	68	54.887859005	.	31.81778908	3.3117750552	1213.9258814
794	boeing	76.904519522	68	67.61028338	.	44.063655273	3.8282165895	1388.3696493
795	boeing	119.64402906	68	70.178463873	.	2.2051944554	3.7397746803	816.20664104
796	boeing	211.70913731	68	71.936731773	.	22.523394485	4.8453101879	1288.8309812
797	boeing	169.0856988	68	72.57166563	.	39.692058731	4.0733467334	1457.757668
798	boeing	64.155530488	68	75.592310962	.	32.965842152	4.0631509072	1230.9919301
799	boeing	130.48884861	68	94.376620488	92.15345773	19.574380998	4.6365070329	1995.3655432
800	boeing	124.78661104	68	106.12024007	104.13467735	42.895159857	4.0363220884	2924.840588
801	boeing	197.54635021	68	126.66918215	127.96414283	23.764231426	2.9931514463	5031.3863156
802	boeing	165.54194536	69	48.774673273	.	31.228664837	3.9020460339	943.06840443
803	boeing	175.15117145	69	55.37996773	.	54.27604275	4.6536409251	1125.8005423
804	boeing	121.45511452	69	61.607785041	.	22.779396611	3.3984599553	968.28934986
805	boeing	149.691087	69	64.955268633	.	22.237313329	4.1067786558	786.60967241
806	boeing	241.95006656	69	64.972102204	.	28.504682353	4.0682908219	1007.6988044
807	boeing	146.04337112	69	71.787305883	.	-1.528129182	4.1994604645	738.65436932
808	boeing	126.29533449	69	74.373046613	.	49.039576609	4.8344648639	1548.6903581
809	boeing	109.27706634	69	79.733130819	.	31.058767956	4.2819840946	1500.7053475
810	boeing	183.26407409	69	81.580248719	.	27.687387698	3.7522936228	1497.1677162
811	boeing	159.8108131	69	86.315209607	.	33.823634214	4.5870484421	1898.7424838
812	boeing	202.68865562	69	90.943892841	90.533348853	39.461284768	3.12582299	2191.1004111
813	boeing	106.10804784	69	97.174871746	98.637718197	38.441153122	3.5773087522	2628.5363159
814	boeing	125.73329732	69	101.65558863	102.8514051	27.804716181	4.1174316991	2987.8039235
815	boeing	233.80249791	69	104.80843448	103.86845794	43.882731896	3.2450978263	3213.985265
816	boeing	90.095381357	70	59.888528183	.	32.397688062	4.0260964152	1050.2644976
817	boeing	183.57495844	70	64.97459002	.	21.560439389	4.0209903588	822.93718811
818	boeing	173.75152907	70	68.462817944	.	35.027645688	4.9566852937	1098.2848748
819	boeing	168.63061318	70	77.535257271	.	21.047219906	4.2192924831	1375.0200626
820	boeing	96.941215455	70	94.030485628	94.520624439	23.594476567	4.1521190127	2135.7862958

Obs	aircraft	duration	no_pasg	speed_ground	speed_air	height	pitch	distance
821	boeing	126.54028789	70	94.781230282	91.142068839	39.476298784	3.5949361476	2182.2207374
822	boeing	78.455662834	70	107.98595587	109.4581269	19.703120709	4.7621150325	3184.3263623
823	boeing	201.36958354	71	41.455692355	.	28.543870421	4.6031173258	763.699563
824	boeing	176.37153647	71	62.216451257	.	43.937671249	5.3247470086	825.52229665
825	boeing	98.695657877	71	69.750578737	.	50.623766494	3.9084929899	1426.4827722
826	boeing	155.92906935	71	71.998171485	.	35.383504742	3.6403979244	1227.9001319
827	boeing	85.963580491	71	86.417904479	.	34.594584685	4.3960026472	1703.5054909
828	boeing	139.21299054	72	49.509631704	.	30.856063054	4.249669131	827.42067444
829	boeing	124.37864547	72	60.367043725	.	3.7889195211	3.7060888319	641.59956822
830	boeing	158.16277689	72	74.833473963	.	26.186971031	3.9863265825	1449.0794019
831	boeing	78.24709997	72	76.999831013	.	13.801193211	4.2019377631	1273.6644967
832	boeing	133.5569265	72	94.271329242	92.877735531	33.046424149	3.785794946	2351.0709569
833	boeing	161.8924678	72	129.26491833	128.41773098	33.948998825	4.1399514138	5381.9588622
834	boeing	236.19293349	73	52.360449116	.	44.121081799	4.4970887384	1078.0988933
835	boeing	133.45985625	73	57.045299494	.	1.2538552556	4.7153842391	371.27726086
836	boeing	213.77917717	73	57.426894092	.	48.868703509	4.1846317788	1154.4436143
837	boeing	112.31707003	74	79.257984189	.	37.19716518	4.3370030837	1158.8376732
838	boeing	168.23013919	74	86.852747395	.	16.894461754	3.8308960194	1725.3804918
839	boeing	124.54353753	75	69.880248247	.	31.31135869	4.6879165411	1045.0302857
840	boeing	118.26426229	75	70.168245294	.	17.743340834	4.2669763429	830.71474719
841	boeing	79.705863144	75	106.7461226	106.73317595	18.346201583	4.8074017332	2785.855295
842	boeing	130.94961924	76	44.732763125	.	32.782994552	4.861881592	874.79864397
843	boeing	147.03191592	76	63.597942325	.	36.489042355	4.4917734289	1051.9369604
844	boeing	219.72115595	76	88.103462433	.	42.085495821	4.6540097977	1927.0536775
845	boeing	130.16891519	77	55.086685785	.	38.032817792	4.0971206341	998.09700633
846	boeing	172.56012205	77	82.29713755	.	44.758716354	4.2293090445	1809.27205
847	boeing	228.17710591	78	61.220375598	.	21.772286622	4.5955283685	970.04651856
848	boeing	107.11331938	78	86.807962025	.	25.477015381	4.4142187986	1910.8768699
849	boeing	128.93810992	79	106.93389135	108.42651323	30.457709156	4.8421492	3203.3188407
850	boeing	161.82569155	80	82.509055403	.	36.680194026	4.685310032	1590.3719225
851	boeing	194.4671661	82	40.815188666	.	22.618444074	4.8765952309	761.4850777

Obs	aircraft	duration	no_pasg	speed_ground	speed_air	height	pitch	distance
1	airbus	172.04931209	36	47.486765029	.	13.984809941	4.2990197162	250.68976141
2	airbus	188.01797726	38	85.180842251	.	37.028793691	4.1216901717	1257.0092519
3	airbus	93.540807771	40	80.627416679	.	28.60255713	3.6234201886	1021.0888117
4	airbus	123.30242152	41	97.568203986	96.978436701	38.409192953	3.5322719834	2167.7576915
5	airbus	109.19713407	43	82.483044979	.	30.140024889	4.0896284195	1321.0000654
6	airbus	139.31381028	44	99.596841547	99.160266345	35.187030092	3.8402667146	2116.080919
7	airbus	214.22048507	45	72.490616757	.	33.228125197	4.3693164876	748.7667918
8	airbus	182.7116757	45	77.805502137	.	20.189958388	4.178015403	905.49788375
9	airbus	197.43183449	45	81.375317855	.	46.285569727	4.2052754575	1459.5022976
10	airbus	115.86922387	45	86.875879978	.	34.838071106	3.7997683715	1262.1538907
11	airbus	216.87640251	45	91.618595738	.	38.324199382	4.7436314527	1967.6109937
12	airbus	.	46	40.801786477	.	24.400127629	3.9682093233	620.09051196
13	airbus	149.65108927	46	69.037688441	.	48.559845058	4.1973990963	1127.8005331
14	airbus	.	46	104.07757658	103.40921036	19.7157721	4.1043931104	2494.8046454
15	airbus	168.79553003	47	92.907591785	95.762981617	23.784897183	3.9086740504	1955.3034911
16	airbus	237.40527671	48	53.774013118	.	28.260802216	3.1755295986	241.16096423
17	airbus	.	48	61.570704648	.	21.785707448	4.3511947442	560.53392302
18	airbus	173.57275867	48	69.440266991	.	21.235704144	4.2349485846	860.43708392
19	airbus	221.59245844	48	76.36854228	.	19.395151702	4.8736423429	932.57187751
20	airbus	181.70175046	48	79.793960442	.	34.532683072	3.76482161	1159.5466175
21	airbus	160.84157691	48	87.551468843	.	28.545582924	4.4229830982	1410.1890375
22	airbus	157.16728687	48	101.83850487	103.63497127	23.011621748	4.9429730633	2524.5676617
23	airbus	199.91969175	48	109.30116236	109.55662817	33.066513954	4.0350502581	3177.1885419
24	airbus	140.67120141	48	120.45475566	118.67260401	30.351506953	4.3710717196	3891.4718916
25	airbus	152.13331824	49	67.96474782	.	43.97369797	4.6126758628	1097.3778646
26	airbus	100.08624587	49	73.47329101	.	33.857396706	3.4675514514	892.02278261
27	airbus	94.828574047	49	86.483225907	.	29.289251818	3.7811259878	1555.5259125
28	airbus	165.01327501	49	91.110368621	.	40.417128405	3.543305741	1626.1683408
29	airbus	150.60053157	49	111.23656298	109.85430197	42.832497449	3.9197415189	3156.5261636
30	airbus	84.375146328	49	112.18972025	112.19018323	30.202558867	4.7533844954	3313.0672207
31	airbus	175.51443032	49	125.21230409	125.13854893	22.524778897	4.3657723639	4254.9332637
32	airbus	133.73961717	50	52.333370563	.	18.038104533	3.9351932028	513.49576186
33	airbus	203.32103587	50	64.658141026	.	35.122301566	3.5884171024	789.54314456
34	airbus	141.80866829	50	69.835685444	.	42.745653562	4.5037176013	815.07168547
35	airbus	125.27798747	50	71.071982782	.	39.221521095	4.2290416756	886.8887875
36	airbus	162.5458696	50	73.338499719	.	25.777471657	4.3223402115	929.57099383
37	airbus	98.461455246	50	73.939616162	.	42.353383637	3.9571042618	1027.2134659
38	airbus	178.53721004	50	77.07920079	.	24.833682708	2.6895532686	880.80044898
39	airbus	103.65986342	50	83.438769115	.	24.597065289	3.901858534	1251.4264528
40	airbus	.	50	84.219908138	.	32.542946798	3.318828622	1485.4400456
41	airbus	109.79101574	50	85.88079228	.	33.466314922	3.462927709	1408.5685921

Obs	aircraft	duration	no_pasg	speed_ground	speed_air	height	pitch	distance
42	airbus	132.2714247	50	87.917214817	.	37.787035899	3.7427163549	1644.0887292
43	airbus	113.90561764	50	90.689554194	.	19.11775158	3.5775516573	1394.7117346
44	airbus	199.50580761	51	59.099825091	.	41.604002941	3.6405344238	562.16591975
45	airbus	.	51	62.484050366	.	26.53804471	3.8228939729	749.48028928
46	airbus	186.22429406	51	69.922522751	.	29.098408257	4.3884525678	1040.6159488
47	airbus	117.76512176	51	77.086098106	.	18.389869267	3.4514891099	677.58339591
48	airbus	91.137052503	51	81.952392127	.	27.503012962	3.5740085596	937.681381
49	airbus	.	51	83.630692914	.	23.302265488	4.5566399591	1460.4181796
50	airbus	99.346535515	51	88.513433718	.	29.685719738	3.9239835975	1446.5732349
51	airbus	124.69701818	51	109.78499325	110.56964767	10.099990802	4.4654606398	3054.4124062
52	airbus	202.27604539	52	59.558781395	.	31.830496872	4.9226883242	650.3277785
53	airbus	89.119687959	52	69.995690643	.	39.550134878	3.5758761135	1016.6766232
54	airbus	.	52	72.036625004	.	24.740341243	3.6279838777	648.02156805
55	airbus	.	52	73.761115944	.	9.688307724	3.3585464091	554.16098701
56	airbus	111.18511926	52	74.929003615	.	31.603274066	4.6283872708	1046.1643877
57	airbus	201.66902084	52	75.801424413	.	38.404360138	3.1195493137	1051.5697597
58	airbus	192.31269901	52	79.411964275	.	40.213139667	3.7765509583	1216.2675925
59	airbus	179.19419379	52	87.937967052	.	18.546478714	3.8740639381	1243.0345555
60	airbus	137.15453851	52	89.059591972	.	44.76431669	3.7453441515	1528.0260504
61	airbus	.	52	89.577029476	.	35.463228123	3.834651479	1390.8995718
62	airbus	113.37605039	52	98.891571993	100.52805637	33.573007382	3.5034607776	2169.6725734
63	airbus	145.77939481	52	111.67391785	111.33236229	36.042802888	3.5149833541	3311.8369585
64	airbus	92.648121883	53	55.161528539	.	30.167084359	4.472054571	623.00673298
65	airbus	199.92116031	53	58.566400441	.	35.200959218	3.0643097132	634.09099305
66	airbus	105.13901375	53	60.006184622	.	35.912417951	3.923337806	561.27232211
67	airbus	260.50189235	53	63.489000555	.	35.371357104	3.9722083719	812.16317052
68	airbus	199.21802259	53	66.385244236	.	31.974988686	3.5692596506	757.85802237
69	airbus	253.72768469	53	67.726377103	.	28.100904032	4.8166027921	714.5146546
70	airbus	194.02442137	53	72.829467981	.	45.541357116	4.426727957	1115.4140886
71	airbus	145.22559464	53	74.364061268	.	27.90797072	3.8372800254	853.28081256
72	airbus	202.10909397	53	76.334805748	.	50.745931362	3.5419962833	1052.6915505
73	airbus	203.25433498	53	81.27102299	.	26.163307183	4.1746185951	1141.4540114
74	airbus	49.012114646	53	82.707838093	.	27.06233505	4.2487368492	1312.6682914
75	airbus	167.38737759	53	85.943555546	.	9.1646259705	3.1601680959	1107.6970718
76	airbus	189.84521577	53	86.181330458	.	25.909786696	3.2797747665	1327.1879085
77	airbus	91.305749532	53	86.356289075	.	27.529003473	3.8625613819	1381.5602004
78	airbus	144.82917518	53	88.205923249	.	27.990951956	3.0909603835	1259.1737588
79	airbus	91.530958077	53	88.570201337	.	23.792231589	3.6323357322	1281.2815452
80	airbus	188.3740487	53	88.896210095	.	22.913916375	4.003595751	1418.8042213
81	airbus	186.09732002	53	98.438115538	98.561698537	48.847022619	3.3124052636	2299.952371
82	airbus	148.49500413	53	99.874522521	98.724063607	39.520425649	3.9041206536	2404.7430929

Obs	aircraft	duration	no_pasg	speed_ground	speed_air	height	pitch	distance
83	airbus	126.07843541	54	36.421388861	.	33.799699892	4.8661106393	869.03373396
84	airbus	209.19366153	54	50.812930767	.	38.841316346	4.0338980996	566.92692802
85	airbus	.	54	50.903105868	.	35.729484049	4.5440403076	597.98554514
86	airbus	259.09791674	54	54.953323257	.	30.954303406	4.026187428	561.44690581
87	airbus	236.13989521	54	61.261575207	.	26.568850134	4.3822934229	455.51323477
88	airbus	.	54	67.456935552	.	41.334169856	3.8581993926	877.06227359
89	airbus	153.19968433	54	73.918352619	.	25.508432729	3.7307897043	807.34528517
90	airbus	196.97561802	54	79.152671368	.	13.662179662	3.9400319361	813.23440402
91	airbus	.	54	80.24779883	.	48.426731903	3.289757889	1303.6900358
92	airbus	149.69472624	54	80.502186071	.	38.38733031	4.6548987217	1153.8920383
93	airbus	.	54	83.071912777	.	37.317578277	3.4734612582	1338.6101651
94	airbus	.	54	86.425045711	.	14.748572684	3.5418381552	1476.177543
95	airbus	119.43615232	54	89.776678607	.	28.42870425	3.93559002	1285.5472568
96	airbus	127.47275856	54	91.010100234	.	29.871116541	4.2252758714	1897.822824
97	airbus	162.71456234	54	98.1873349	96.515044653	29.625193292	3.053515269	1975.1105677
98	airbus	201.18798178	54	99.017401284	98.221920891	39.319647422	4.3935253271	2481.2581248
99	airbus	170.11617811	54	112.82931519	108.21623948	35.479682491	4.0303041977	2808.9911231
100	airbus	143.67595351	55	59.075014054	.	52.378560123	3.6504632942	817.11573622
101	airbus	199.79840009	55	61.712054098	.	34.976545351	4.0805575423	643.85634155
102	airbus	199.49519149	55	64.462028079	.	26.656286235	4.2943903167	767.761571
103	airbus	.	55	68.751529748	.	48.277120042	4.2626359629	1079.1170993
104	airbus	199.36023494	55	71.303053631	.	15.099426338	3.5977434337	455.55546687
105	airbus	305.62171072	55	75.506844221	.	18.82215165	3.4320514587	748.17078336
106	airbus	246.44447346	55	78.544137807	.	32.429085595	4.4905616843	972.10646587
107	airbus	162.31295341	55	78.70704989	.	31.43974554	3.4065347494	1138.9424385
108	airbus	164.87691136	55	81.165499033	.	32.277515471	3.5630868963	1176.5784616
109	airbus	289.3204932	55	81.69133242	.	12.315795866	3.7213188282	829.18639204
110	airbus	171.43730605	55	86.77431193	.	25.915014895	3.9806762311	1188.1643934
111	airbus	178.33695177	55	87.015958489	.	38.194662335	4.355065854	1693.4027056
112	airbus	156.95484942	55	87.508005458	.	30.620086067	3.592569656	1548.4738738
113	airbus	203.13135186	55	90.261004686	.	42.318923044	3.2745717105	1446.8557482
114	airbus	264.59337482	55	102.74650485	102.41247143	38.534020829	4.1697182481	2623.6512568
115	airbus	160.39281504	55	103.27582495	105.18709549	54.198540346	3.95212311	2837.0808498
116	airbus	163.67500534	55	113.02072769	114.87786043	28.637640363	4.7542107761	3559.7584816
117	airbus	128.68794104	56	43.852805379	.	34.114558593	3.3125782438	554.0661689
118	airbus	208.87900668	56	53.888762395	.	23.496668191	4.0000159209	375.32596789
119	airbus	104.60565852	56	57.991058844	.	33.545907029	4.1214769808	584.79546667
120	airbus	269.11386203	56	65.516199038	.	30.805627601	3.2526393538	753.72051878
121	airbus	188.40822529	56	65.938683894	.	32.01528619	4.1378851024	816.22211434
122	airbus	58.180016393	56	68.024349121	.	32.740768082	4.6837341419	950.57638894
123	airbus	137.80294314	56	68.078613026	.	44.680502196	3.9699767937	1083.8311753

Obs	aircraft	duration	no_pasg	speed_ground	speed_air	height	pitch	distance
124	airbus	.	56	73.974086384	.	32.455027763	3.0805850946	769.49665785
125	airbus	211.25416558	56	74.337393872	.	11.516139597	2.7990204762	485.19472704
126	airbus	176.41722404	56	81.224052109	.	28.478307593	4.1902077139	1134.8806867
127	airbus	156.96990933	56	82.093109962	.	12.878217378	3.6021593263	899.58860681
128	airbus	228.34100702	56	82.200796247	.	20.836306915	3.768683389	1086.1862424
129	airbus	102.95333134	56	84.405488067	.	45.914274226	3.8022156168	1495.0519159
130	airbus	166.046929	56	84.914977191	.	38.035678767	3.6712712954	1218.7020751
131	airbus	73.803250742	56	85.566870293	.	34.039332978	3.7960932826	1414.2784595
132	airbus	198.36833627	56	85.734433148	.	49.272552969	4.4426012633	1712.6251245
133	airbus	114.09497787	56	86.05356781	.	28.551075775	3.9805055926	1392.42027
134	airbus	.	56	86.528840828	.	40.94901507	3.7270256473	1437.6338566
135	airbus	153.02512947	56	88.102624123	.	21.247909524	3.1559405965	1296.2242229
136	airbus	170.42197717	56	89.870059308	.	46.858792888	3.650835863	1734.3315551
137	airbus	99.019165671	56	91.236709563	.	15.59892741	3.3688761342	1450.5750216
138	airbus	205.36417552	56	91.46226196	.	19.369632123	3.3789629781	1658.4610518
139	airbus	181.52206258	56	92.13143495	.	20.586568591	4.1758773479	1656.0636286
140	airbus	173.64083103	56	93.016459316	.	31.341393328	4.1090340499	1840.0530488
141	airbus	85.681924568	56	97.345399878	96.174998729	19.239272302	3.3190577583	1790.2391276
142	airbus	223.95233137	56	99.325035899	99.397364536	36.782682861	3.1800709689	2059.5377377
143	airbus	122.33506937	56	99.559134938	98.875752472	35.561255493	3.8948676777	2283.1949451
144	airbus	157.97520717	56	109.18164733	108.23198533	21.249104902	3.2623478916	2810.6957638
145	airbus	134.685641	57	44.126135466	.	27.182379063	3.0128294313	417.54307265
146	airbus	54.218239897	57	63.421362974	.	42.949644516	4.5490103745	700.99462437
147	airbus	139.63978211	57	64.355633516	.	41.315697708	2.6759851316	714.70839358
148	airbus	146.10917656	57	69.55727731	.	34.272245396	4.8779627965	854.46558558
149	airbus	89.075548734	57	74.212201979	.	25.747432194	3.6751924109	852.77611439
150	airbus	114.23485681	57	79.982703338	.	42.244751261	3.785954219	1162.404395
151	airbus	203.4089821	57	80.019391771	.	31.882027194	4.4526464074	1155.989184
152	airbus	171.37069895	57	85.849256878	.	41.867801808	3.5766081513	1715.5280458
153	airbus	.	57	88.418098446	.	45.02439155	3.7036944046	1616.3360538
154	airbus	.	57	88.631154153	.	17.087228104	3.2746103159	1117.6839116
155	airbus	220.30836516	57	101.13020479	101.80642908	32.952280102	4.1591918068	2461.9879135
156	airbus	92.172840145	58	48.172804507	.	34.757015926	3.9483442548	558.36505589
157	airbus	248.72910776	58	49.46213365	.	16.796177769	3.7616893064	452.13126383
158	airbus	230.32398183	58	55.108631792	.	29.859498104	3.2599541617	270.83676243
159	airbus	189.58108915	58	61.003914242	.	37.350258765	3.2977337571	498.76801332
160	airbus	198.8694626	58	61.127025526	.	22.51924496	3.4452935393	397.54283343
161	airbus	198.42235144	58	64.305146799	.	17.456593278	3.8221946371	383.90578116
162	airbus	58.499894993	58	65.068451437	.	47.581604296	4.2032297629	946.46666809
163	airbus	175.13042298	58	66.943936292	.	40.523836608	3.9217502663	795.71340402
164	airbus	247.52718906	58	68.245466821	.	13.85926085	3.4183202119	492.75023869

Obs	aircraft	duration	no_pasg	speed_ground	speed_air	height	pitch	distance
165	airbus	.	58	68.956684058	.	24.898696811	3.9874356737	634.67498994
166	airbus	.	58	74.453043324	.	21.221140598	3.4824870511	568.92434271
167	airbus	114.89625409	58	75.882613527	.	46.159876097	5.0373832323	1178.6022137
168	airbus	112.07531863	58	76.771834829	.	25.947569997	3.4430247941	824.03883822
169	airbus	188.78452894	58	81.228627166	.	29.024507225	2.671331652	978.59385588
170	airbus	127.07799051	58	83.198056989	.	16.030000255	3.3080804277	1022.0840734
171	airbus	176.0848911	58	88.013418879	.	16.69810206	4.0698994981	1380.2737237
172	airbus	165.19313237	58	89.953914147	.	30.857402547	4.1721894508	1711.6142255
173	airbus	190.79170859	58	93.672281401	95.098821771	33.630978811	3.4592153332	2048.4941733
174	airbus	93.952926911	58	96.878686347	98.085883143	29.178095121	3.967524021	2008.2207232
175	airbus	.	58	101.09983213	101.46762268	42.952395762	4.2257015342	2688.9856974
176	airbus	45.502778921	58	107.28766839	105.68511992	21.833564348	3.3998185919	2542.3356261
177	airbus	130.31912368	58	110.7670187	112.53178152	50.765799095	3.3848559819	3437.6566749
178	airbus	.	58	113.42739675	114.84444904	40.101121967	4.2484282637	3738.6497412
179	airbus	117.7405601	59	47.679801523	.	28.606492697	3.7520465798	406.08928283
180	airbus	.	59	52.099814821	.	34.552971375	4.8866300246	647.48815165
181	airbus	104.77906956	59	55.027556032	.	51.781247914	4.4753745447	837.96815281
182	airbus	214.78506113	59	56.285225619	.	19.097947487	3.9151278527	321.51632716
183	airbus	155.022078	59	61.461723888	.	24.818098174	3.8339054779	617.03062892
184	airbus	138.23492748	59	64.813671941	.	14.780336473	4.2209516551	402.93130074
185	airbus	124.14010259	59	66.464640399	.	48.067790297	4.1656597705	853.86453785
186	airbus	180.77123267	59	66.81339481	.	42.714377221	4.1478795361	772.63648168
187	airbus	151.38933879	59	69.475216422	.	24.969280868	3.8187750112	690.51952193
188	airbus	212.55290733	59	70.245110234	.	26.203014089	3.0870919723	647.05218321
189	airbus	156.4574255	59	72.591244009	.	14.082627958	3.7352438518	408.97922734
190	airbus	93.0636244	59	72.926186342	.	22.458637482	4.1646025706	853.03434442
191	airbus	156.18873822	59	76.167385231	.	51.166565601	3.2580851913	1198.9391186
192	airbus	205.02778595	59	79.861202227	.	46.335420321	4.6556154991	1189.8284241
193	airbus	149.82084277	59	80.203284342	.	27.52090572	3.8292421286	1188.6214247
194	airbus	151.20594948	59	81.310155945	.	41.692912972	3.6591016804	1519.3190395
195	airbus	196.03011465	59	85.687131792	.	6.2275177523	3.778378927	976.43368542
196	airbus	87.345969963	59	87.926511371	.	28.790896161	4.011354326	1555.4007483
197	airbus	176.94101734	59	89.502600721	.	36.175665767	3.3373132547	1701.1494522
198	airbus	.	59	89.940169252	.	25.763979474	4.019371775	1497.605083
199	airbus	193.12007702	59	96.196564169	98.116074155	42.307731844	3.6139143714	2330.9880709
200	airbus	.	59	105.71955117	105.29075366	25.46813856	4.73824264	2741.4618282
201	airbus	98.176296764	60	53.749134607	.	25.54578925	3.7142005991	378.82578267
202	airbus	.	60	53.801672886	.	34.147519961	3.5058165344	742.80380536
203	airbus	228.00061803	60	58.902874412	.	31.57923272	4.247532358	595.03131683
204	airbus	.	60	59.458936191	.	30.767435238	4.1920197594	538.3807833
205	airbus	131.29381605	60	60.030583944	.	36.994580011	4.1632052963	581.81011986

Obs	aircraft	duration	no_pasg	speed_ground	speed_air	height	pitch	distance
206	airbus	190.76839447	60	74.515777176	.	44.463104189	3.7635014625	1122.1889389
207	airbus	107.22690496	60	75.899770193	.	22.058367276	4.2319279347	778.16077498
208	airbus	140.69948077	60	75.939639734	.	16.330513276	4.4329903211	990.14581436
209	airbus	207.95313058	60	76.826789553	.	33.620477576	3.5702552916	1181.7354093
210	airbus	210.56817007	60	77.464115725	.	24.066692815	4.8369570565	1023.1046583
211	airbus	161.24369046	60	77.831631986	.	45.600473454	4.0316944091	1173.4058776
212	airbus	117.44478593	60	77.927433723	.	18.992128882	4.1218602023	779.89722901
213	airbus	179.55603115	60	81.17964479	.	33.227987432	3.9930417239	1159.3467825
214	airbus	88.442268547	60	81.339923306	.	19.557890125	3.4329620233	1101.5591901
215	airbus	186.19502668	60	82.492749703	.	38.180765115	2.8672552009	1143.1221818
216	airbus	147.81402601	60	84.685046724	.	45.643491432	3.6631635685	1454.2976548
217	airbus	184.67446394	60	88.800573731	.	20.822805292	4.0876835646	1366.4055772
218	airbus	156.3172855	60	88.880244981	.	29.78919442	4.2360745318	1588.8171307
219	airbus	182.26711081	60	89.708775052	.	32.738775306	3.3353309955	1479.4334321
220	airbus	.	60	91.866333324	.	27.403567281	3.7152876349	1542.8952426
221	airbus	168.55748285	60	93.269235943	.	33.652452468	3.3418675584	1858.0520538
222	airbus	45.635423091	60	93.793862117	.	42.830935448	4.271324799	2003.4386496
223	airbus	127.30609635	60	99.689595816	99.459199839	28.970863899	4.1071025677	2032.7742548
224	airbus	141.88878266	60	103.86692593	105.55936652	38.127301967	4.2399183129	2711.4636167
225	airbus	112.87149908	60	104.45540038	103.6715358	23.783587114	3.9026553246	2488.9984842
226	airbus	192.58242214	60	110.40812301	110.03857243	39.817280966	2.8261841488	2919.5793129
227	airbus	131.73109556	60	131.03518222	131.3379485	28.277965541	3.6601936464	4896.2946083
228	airbus	100.25307248	61	41.100991383	.	34.563941861	3.490938919	668.93320023
229	airbus	207.69159848	61	54.542338048	.	19.610845089	3.9730540461	397.01200564
230	airbus	153.43737249	61	54.593475453	.	29.148613678	3.2715631978	424.16175773
231	airbus	180.34832004	61	59.151548819	.	27.880038685	3.2393236004	475.15489957
232	airbus	110.40145065	61	59.530943938	.	33.424855759	3.2326512955	657.50399554
233	airbus	175.53311361	61	65.037084787	.	13.807590435	3.4948549953	280.80440304
234	airbus	117.25925859	61	66.079801141	.	14.565008188	3.7122960454	436.14783447
235	airbus	197.97505745	61	69.865454682	.	31.209203849	4.0750833197	767.92667699
236	airbus	218.87542131	61	70.701596429	.	34.608578408	3.3317046104	737.56722749
237	airbus	195.66108684	61	72.629132783	.	24.362144258	3.6399453721	714.32599432
238	airbus	188.92400256	61	72.880432107	.	49.080433362	3.8962081787	1133.5518485
239	airbus	137.85119675	61	76.095669177	.	25.085483607	3.2348739516	691.69135707
240	airbus	215.14222119	61	76.358050779	.	34.755564291	4.6254327939	1085.8222616
241	airbus	217.73016541	61	77.054643337	.	28.868081225	3.7764205095	877.32754553
242	airbus	127.22893936	61	79.625978745	.	32.896377007	3.7480779519	1059.545819
243	airbus	122.60221689	61	82.348277697	.	30.263502564	3.83272325	1219.3075837
244	airbus	.	61	83.667404333	.	15.021858736	5.5267842132	1550.6995775
245	airbus	94.429537667	61	86.419537063	.	25.403277842	4.7193286799	1561.029784
246	airbus	140.49315132	61	92.386358809	.	19.293455316	4.050724597	1714.8999963

Obs	aircraft	duration	no_pasg	speed_ground	speed_air	height	pitch	distance
247	airbus	179.89848728	61	93.177328078	.	37.574963078	4.32476301	1938.5305461
248	airbus	.	61	98.797757495	101.17577455	25.4439203	4.9106775155	2407.7887178
249	airbus	.	61	100.00688904	97.778193537	18.847637969	3.1094499278	1835.3799986
250	airbus	140.41823982	61	100.08903805	100.5114311	35.489404508	3.5271737885	2369.0840379
251	airbus	194.68890207	61	113.81884043	113.57055032	33.46677406	3.6310323774	3296.3649527
252	airbus	220.05712745	61	120.55794402	118.28817977	15.665658061	4.1112652915	3499.7335809
253	airbus	175.6902467	62	56.58802737	.	48.835248392	4.0231513901	840.85570823
254	airbus	94.595394045	62	63.618755012	.	31.619173639	3.6040687475	574.17385128
255	airbus	111.87790418	62	68.193847243	.	31.787292733	4.3582512208	709.55964462
256	airbus	94.490636016	62	69.283901134	.	32.274716305	4.1201658944	836.48963413
257	airbus	162.52084082	62	74.91630489	.	14.399868335	3.1129303364	433.66000569
258	airbus	273.59111286	62	76.185916842	.	19.269834574	4.102909108	789.14106847
259	airbus	.	62	77.729568204	.	12.353622855	4.4082857766	821.01947272
260	airbus	183.13132725	62	81.250209109	.	29.005215492	4.029149785	1193.0813841
261	airbus	127.80752316	62	81.759884177	.	38.956886389	4.4503570367	1526.7508855
262	airbus	103.47744973	62	85.02644786	.	11.716588101	3.8585210867	1287.763774
263	airbus	128.58715752	62	86.239504411	.	10.753780476	4.1132082314	1158.5891786
264	airbus	130.90225189	62	87.06464491	.	36.293850563	3.8649213221	1606.312266
265	airbus	117.97268767	62	88.11053105	.	28.395271449	3.8373781497	1539.7613606
266	airbus	191.36156326	62	88.394240467	.	28.348755793	4.3624777487	1465.2593262
267	airbus	58.973877842	62	88.66267132	.	16.224468166	2.8296991893	1359.840654
268	airbus	173.36642408	62	92.304552545	.	19.239238533	3.3970755665	1451.3961532
269	airbus	164.83945355	62	93.399403705	95.570546707	25.82690612	3.1034419623	1868.1652411
270	airbus	95.847324908	62	96.922695596	99.836951088	21.418855429	3.8448922111	2093.9965956
271	airbus	149.33130581	62	98.727521174	98.147932276	16.09713944	4.3182462482	1885.7456024
272	airbus	110.58281561	62	99.691905653	97.490785232	24.088742996	3.8724027831	1783.8129154
273	airbus	161.23109432	62	100.63019337	100.87746159	20.288654665	2.8616402098	1990.8532282
274	airbus	123.07246298	62	106.07949219	105.31302869	32.780367217	3.3629035953	2493.1981649
275	airbus	158.53503015	62	118.51897858	117.65423338	25.785069143	3.5236553234	3469.1467667
276	airbus	42.146226159	63	46.264718501	.	20.490711515	3.4819121545	383.55849778
277	airbus	212.05403613	63	51.587044527	.	20.451285811	3.063686215	133.08690985
278	airbus	50.051166433	63	55.959266842	.	39.208149657	3.7037746143	833.57494765
279	airbus	156.10258603	63	67.876504543	.	31.007159707	3.8732780529	637.64811557
280	airbus	231.88117414	63	68.897746638	.	31.850023041	3.8115226275	764.03994751
281	airbus	104.6341753	63	69.083940765	.	28.397461881	4.1725671613	812.31993404
282	airbus	137.80766769	63	69.123116925	.	31.151681226	4.0563936902	825.11172234
283	airbus	81.884786871	63	70.803896284	.	36.422431065	3.6065243406	816.95898301
284	airbus	184.5313225	63	71.21070304	.	20.941129037	3.6300802089	615.76123718
285	airbus	256.15695287	63	73.143910488	.	37.064138292	4.6485208655	1242.8400471
286	airbus	118.57607182	63	75.368171615	.	31.340776135	3.5580199527	960.25559642
287	airbus	61.206765842	63	76.03590209	.	27.951556914	3.7980803334	1296.7672543

Obs	aircraft	duration	no_pasg	speed_ground	speed_air	height	pitch	distance
288	airbus	200.62136624	63	77.148459304	.	23.602422529	3.020177825	899.43055864
289	airbus	87.89550164	63	77.219309676	.	27.549527616	4.0913662087	1076.2259181
290	airbus	180.37016335	63	81.060890918	.	24.403675717	3.5144284379	1075.1490733
291	airbus	89.279301967	63	82.738890437	.	34.431394168	4.2458381335	1511.4644415
292	airbus	213.6404677	63	84.914206697	.	36.431090015	4.1769917214	1829.1616467
293	airbus	141.96833358	63	85.849362338	.	46.468182053	3.4015527555	1492.6717204
294	airbus	106.29254173	63	92.807826757	.	31.324910026	3.4806892337	1477.8598122
295	airbus	208.1607048	63	93.508028321	.	36.979298044	3.9378846853	1786.8758779
296	airbus	139.57506186	63	95.678142486	.	31.647087969	3.6392855138	1819.5924417
297	airbus	99.148062915	63	97.096913917	96.913737767	33.144245658	3.5162975656	2060.1694249
298	airbus	130.85088326	63	97.379504716	96.729593787	22.499125622	3.8106767874	2092.8564123
299	airbus	177.25964923	63	98.593618452	97.483929892	22.1261515	3.4315594368	1899.7084278
300	airbus	199.33501381	63	106.32542252	105.11006821	42.972776316	3.62633033	2762.4760516
301	airbus	123.18315223	63	106.92922516	106.7602536	26.927859592	3.2035138242	2770.4296167
302	airbus	192.28287317	64	33.574104065	.	36.970689868	4.3584643374	782.7174172
303	airbus	60.533644154	64	52.984126923	.	23.865002573	4.3227383141	487.46866562
304	airbus	128.37336566	64	55.461625107	.	14.65127605	3.9792117538	180.56522534
305	airbus	163.2311892	64	56.318804267	.	28.374443959	3.2621400251	479.57538743
306	airbus	.	64	59.41387612	.	43.968696323	2.6689056845	626.23203528
307	airbus	133.50735327	64	60.184574838	.	31.105525387	4.2692052208	512.84297813
308	airbus	124.91058524	64	65.764001182	.	36.571837554	3.2368359937	606.02998005
309	airbus	122.73194165	64	67.915050929	.	34.477029282	3.9226490939	776.2641861
310	airbus	149.83829777	64	70.225958233	.	18.128489249	4.3761025513	626.82012635
311	airbus	302.96712319	64	70.227253273	.	37.418397026	3.249907311	847.92908008
312	airbus	.	64	72.646992664	.	28.919946606	4.0969277745	941.34009552
313	airbus	183.35334567	64	78.910594798	.	25.517741657	4.4930816443	870.0946567
314	airbus	121.12762217	64	81.327805718	.	39.359263554	4.5092846346	1419.8524601
315	airbus	207.10845238	64	83.001262933	.	19.737765051	4.4728465723	1116.5588173
316	airbus	148.44727207	64	84.34088335	.	11.671763822	3.3398414652	1085.4841354
317	airbus	207.17299231	64	85.506898711	.	21.388842147	3.8142716977	1304.9028833
318	airbus	155.98658138	64	86.025136467	.	41.656116852	3.7216443692	1598.20407
319	airbus	.	64	89.484021106	.	23.529869193	4.8568314412	1643.1016906
320	airbus	68.155949889	64	91.949607531	.	27.805329017	3.8092130805	1878.7641823
321	airbus	79.343951801	64	92.534347718	.	22.228410408	3.5995757116	1816.9775926
322	airbus	161.09215447	64	94.526255342	.	49.239984741	4.5063742177	2134.1932905
323	airbus	109.91358442	64	95.802818747	.	21.549527519	3.4941462523	1711.4941746
324	airbus	108.72206895	64	99.817383459	100.30989703	16.215280593	4.314091631	2080.219501
325	airbus	157.57858379	64	101.37496522	101.35383408	21.405235851	3.2399654772	2028.9675819
326	airbus	169.74937522	65	43.923555127	.	43.050770801	3.365143744	735.82341111
327	airbus	.	65	59.204403387	.	29.594010453	2.885684557	555.76173679
328	airbus	98.992616536	65	66.226605716	.	31.51566151	4.2386850823	587.1886723

Obs	aircraft	duration	no_pasg	speed_ground	speed_air	height	pitch	distance
329	airbus	111.21465285	65	68.363998888	.	47.389318473	3.3134152585	969.5455753
330	airbus	188.91188031	65	71.642793788	.	27.367955169	3.3622425298	642.45461873
331	airbus	146.46668879	65	72.047967859	.	33.336746044	3.9285188111	739.73734536
332	airbus	274.21773493	65	84.136858635	.	28.401059676	3.593594411	944.66620396
333	airbus	.	65	84.4239765	.	33.537263808	3.6276629705	1204.6697378
334	airbus	144.82275142	65	92.587111717	.	20.58854013	3.1980327283	1710.3486626
335	airbus	173.77141498	65	94.741799868	95.28744661	38.731918151	3.1587029959	1882.9412491
336	airbus	184.61819262	65	95.6169719	95.011364567	23.278395414	4.5655511197	1763.7710753
337	airbus	71.569545479	65	95.782272414	96.312881608	27.686330444	3.4171401102	1740.9018894
338	airbus	154.23622614	65	102.87894145	100.66930601	24.347516208	2.9357567095	2119.3135955
339	airbus	121.91996388	65	108.14498347	106.7040008	21.444463325	3.3553673082	2435.824509
340	airbus	214.72721394	65	114.64796613	114.16251635	35.640281516	3.800254855	3541.5777554
341	airbus	191.31092943	66	44.258483846	.	49.28774347	3.6971400614	901.40670443
342	airbus	142.5876457	66	51.158228388	.	8.559069177	3.9134477851	242.59588646
343	airbus	182.44776305	66	52.70784152	.	24.302641153	4.1859666088	317.81268659
344	airbus	106.37363508	66	53.372409811	.	51.00335315	2.8275572524	538.97414789
345	airbus	179.99562817	66	57.243835228	.	35.325529113	3.0665057372	383.57772124
346	airbus	.	66	62.006182569	.	36.596917427	3.7081461182	742.19173933
347	airbus	149.20859096	66	63.817889502	.	11.238021337	3.6038718062	370.47074159
348	airbus	142.46940356	66	63.918959665	.	30.153465712	3.0650903012	428.99182821
349	airbus	113.38609082	66	64.35053655	.	28.293858818	4.3976129015	537.85612445
350	airbus	143.52069259	66	78.580289917	.	33.75012614	2.2844801423	1011.337258
351	airbus	.	66	81.975974355	.	18.261403443	3.8934084614	1104.1815906
352	airbus	.	66	83.134231231	.	26.318128781	3.4396450566	1093.9088123
353	airbus	119.1088102	66	93.918984258	.	11.198044368	4.2638480897	1504.7458855
354	airbus	217.12308376	66	94.81425838	97.631341718	33.058365517	3.8235547791	2017.6011486
355	airbus	191.42501689	66	98.263990989	99.960634468	45.148966751	4.3938999096	2640.3788446
356	airbus	247.49599004	66	100.75477196	100.83679396	19.028711072	3.1679780428	2123.1470877
357	airbus	77.464034164	66	103.31638732	98.129928636	20.116603599	4.3338350768	2167.2727688
358	airbus	98.500307809	66	123.31053074	124.39076754	22.327175815	4.2767104875	4295.9006131
359	airbus	137.58572784	66	126.24430054	127.93710766	35.175701305	2.7019236952	4795.6357056
360	airbus	203.38738009	67	60.560085102	.	29.772632177	3.7461562294	698.89504068
361	airbus	80.477362793	67	60.789195406	.	33.797453043	3.7235699727	563.10266864
362	airbus	157.93753687	67	61.153699477	.	34.590458026	4.5923499389	867.00783196
363	airbus	152.55802286	67	75.56452452	.	48.517402547	3.5055706483	978.87284361
364	airbus	248.09939047	67	83.35184482	.	39.979702294	4.0038857407	1083.1791276
365	airbus	109.544489	67	85.056320943	.	28.1756833	3.7633150125	1553.5002911
366	airbus	150.03039205	67	87.571644271	.	17.538249231	3.022594749	1219.6239018
367	airbus	168.63938031	67	88.522770061	.	36.185138884	3.8278902051	1574.1956723
368	airbus	177.21763924	67	90.672604544	.	30.354887662	3.713248994	1638.1159898
369	airbus	224.05188771	67	96.439482423	.	29.385842916	3.4550924019	1728.491126

Obs	aircraft	duration	no_pasg	speed_ground	speed_air	height	pitch	distance
370	airbus	149.36036239	67	98.02641239	99.421688766	40.993052838	4.7268210237	2440.381218
371	airbus	145.1702721	67	109.61058292	107.31454298	27.894764076	4.2154127887	2781.7263302
372	airbus	147.71752673	67	114.84660812	113.17086267	58.227799736	3.6727589287	3665.8038693
373	airbus	261.38701422	68	57.08470944	.	15.761691561	3.8049960732	350.60240534
374	airbus	119.63145772	68	66.361535504	.	34.624978263	4.024319476	883.59894001
375	airbus	176.45413738	68	67.759351477	.	44.616542275	3.7843972782	786.13954854
376	airbus	129.67260359	68	67.955731399	.	14.717433562	4.3023776071	436.67877934
377	airbus	.	68	70.707712535	.	44.063655273	3.4282165895	1004.1678423
378	airbus	139.94194516	68	73.282728337	.	25.983547876	3.6736862744	805.09674217
379	airbus	112.82402756	68	73.967306258	.	20.109303351	4.3437927734	755.78531005
380	airbus	217.83662289	68	77.667039183	.	35.216988432	3.1762084946	1070.815564
381	airbus	193.7999709	68	84.980483844	.	27.986606395	4.4952937942	1522.9603513
382	airbus	194.99198538	68	91.15047186	.	15.378493757	3.5127744454	1445.1634341
383	airbus	234.44331062	68	92.644631919	.	43.077414069	3.8622136718	1860.8023
384	airbus	122.73330136	68	94.351548777	97.566738197	45.457865547	4.211725648	2376.8009789
385	airbus	.	68	99.590180051	97.60461733	42.895159857	3.6363220884	2027.0504154
386	airbus	151.67842212	68	100.64166822	102.11014774	32.97737358	4.483191608	2454.2031721
387	airbus	239.99221823	68	104.1958642	104.96261104	27.317381381	3.8378238036	2606.2495663
388	airbus	183.61849925	69	53.539242523	.	31.739422907	3.5237749131	349.15851648
389	airbus	199.43713308	69	58.10907688	.	24.20102213	3.6341657268	418.01946274
390	airbus	216.55809748	69	59.851661953	.	28.24462139	3.4294862595	758.98725696
391	airbus	.	69	61.534975798	.	54.27604275	4.2536409251	880.39785042
392	airbus	157.87421465	69	63.311560067	.	41.290286144	4.0134365838	698.48281232
393	airbus	.	69	66.20583878	.	22.779396611	2.9984599553	499.18883384
394	airbus	150.55059412	69	67.817422299	.	41.12151685	4.20268539	925.67840608
395	airbus	.	69	68.729076653	.	28.504682353	3.6682908219	669.51178213
396	airbus	62.305584888	69	74.463003493	.	28.601781361	3.6786637331	1083.7317457
397	airbus	204.5643728	69	76.614822894	.	11.472293317	3.2632435552	636.74137583
398	airbus	.	69	81.18518654	.	27.687387698	3.3522936228	992.4270648
399	airbus	177.19166302	69	92.808986814	.	29.646414652	4.1643874773	1960.4768127
400	airbus	182.6455026	69	105.88724848	107.52803809	35.286188926	3.3899871506	2948.809709
401	airbus	115.38287235	70	56.843390553	.	41.061980861	3.503821944	754.78284838
402	airbus	184.34738048	70	73.009444126	.	31.024318401	3.9901546936	884.34821909
403	airbus	187.5293351	70	74.599009876	.	17.904767708	4.6306135193	892.98397432
404	airbus	142.06310851	70	74.891135811	.	32.800413715	3.0168055842	811.32244384
405	airbus	147.2498181	70	87.997429897	.	34.080792061	4.401251822	1467.7002939
406	airbus	88.527549113	70	89.169632879	.	19.839149264	4.00675958	1315.9735963
407	airbus	132.14387992	70	90.181873333	.	23.844478547	4.2333301803	1539.6855207
408	airbus	116.60449798	70	94.024301167	.	24.367356175	3.6647567985	1610.4152961
409	airbus	249.89360363	70	99.069709651	98.871419862	36.195843364	4.491129194	2268.7826989
410	airbus	.	70	100.9894669	102.46163794	19.703120709	4.3621150325	2348.6175889

<b>Obs</b>	<b>aircraft</b>	<b>duration</b>	<b>no_pasg</b>	<b>speed_ground</b>	<b>speed_air</b>	<b>height</b>	<b>pitch</b>	<b>distance</b>
411	airbus	110.83592704	71	78.043273673	.	29.508907455	4.5824512999	1122.2836189
412	airbus	83.53692353	71	78.511819946	.	18.34178955	3.5732799299	785.96436759
413	airbus	65.127179167	71	78.518973911	.	22.217104176	3.967321438	1085.6066343
414	airbus	199.57946105	71	81.55425377	.	30.047990166	3.838942736	1264.9324287
415	airbus	167.25061728	71	82.951178677	.	53.438618095	4.034663926	1484.9603318
416	airbus	182.74887203	71	84.333339769	.	28.932963149	2.9914135514	1190.0228225
417	airbus	190.8336252	71	93.79901336	.	45.784826363	3.9702077249	2143.274116
418	airbus	55.919444349	71	98.673302234	98.938700942	40.214749419	3.879809029	2189.9957286
419	airbus	199.50282008	72	58.512146812	.	38.590930739	3.5470466288	432.73222589
420	airbus	156.43617624	72	81.747186874	.	36.077106783	3.7321213369	1125.9695372
421	airbus	156.01335532	72	96.413153673	96.126965377	20.472816347	4.3048320152	1816.5941449
422	airbus	.	73	63.070170569	.	48.868703509	3.7846317788	842.85423856
423	airbus	241.45247872	73	77.967591306	.	28.975526488	3.5296739196	1000.5871657
424	airbus	98.769254269	73	91.268557287	.	37.505115494	3.8389510815	1818.9575804
425	airbus	149.61801294	73	91.580940675	.	30.855544327	3.2691048765	1457.0479014
426	airbus	207.39498223	73	104.70010613	107.78665842	9.6972160002	3.1724565811	2340.5827973
427	airbus	250.58170358	74	73.197580615	.	45.397326099	3.8514883195	1013.301747
428	airbus	160.31996258	74	77.64145513	.	27.197062658	4.6999622915	863.79800854
429	airbus	.	74	79.443488142	.	37.19716518	3.9370030837	792.98641747
430	airbus	162.96469442	74	79.659629494	.	31.448253109	3.8075017695	1092.8748503
431	airbus	162.78754971	74	95.509000539	.	37.350306237	3.8995015135	1685.3805567
432	airbus	165.49898233	75	56.981643421	.	40.385317066	4.3309997744	762.73376986
433	airbus	119.51313707	75	82.099356333	.	39.809531294	2.779053526	1186.6764296
434	airbus	164.62294861	75	86.603008862	.	27.66435906	4.5796739341	1366.3827454
435	airbus	140.45311445	75	120.41894805	118.48470398	31.263445532	2.7967314066	3470.5838289
436	airbus	182.88208717	76	66.331552053	.	30.280571581	3.4677718628	616.14738739
437	airbus	130.37394533	76	72.344900099	.	32.485759069	4.2856179096	839.24564287
438	airbus	91.651572269	76	89.539601126	.	47.598805099	4.2983233337	1862.5550085
439	airbus	190.7394255	77	47.882117055	.	14.835964361	2.7322842836	41.722312733
440	airbus	106.81927691	77	63.222207811	.	34.759322047	3.915841151	656.18695658
441	airbus	206.55378907	77	76.457173777	.	31.918146708	3.8023203942	877.018871
442	airbus	132.46942492	80	100.01055305	100.891677	41.033010684	4.2975016214	2554.8330623
443	airbus	96.765375204	82	90.744313306	.	33.024489327	3.545556835	1811.98402
444	airbus	185.4025176	87	92.12527293	.	45.093607704	3.4182713652	1826.8010013
445	boeing	159.22116836	29	62.699670618	.	27.145647213	3.6351738156	1016.9505364
446	boeing	163.96367943	42	78.282488619	.	15.730271196	4.0579920873	1328.9854598
447	boeing	155.00792518	43	92.130909422	93.675816291	35.186988882	3.6908539437	2370.007204
448	boeing	206.06572604	44	61.847975974	.	26.939627352	3.9372737398	896.58091126
449	boeing	177.26527713	44	70.014674739	.	22.164163332	5.0506430012	944.2389353
450	boeing	124.94457133	44	72.546668651	.	42.859879536	4.028501716	1321.1606709
451	boeing	83.515006172	44	95.068731567	96.084198669	17.376660338	3.2011486815	2183.7983628

Obs	aircraft	duration	no_pasg	speed_ground	speed_air	height	pitch	distance
452	boeing	148.01383881	45	85.30664108	.	33.592811671	3.8580195191	1683.3057381
453	boeing	142.15534911	46	39.769294325	.	39.655921061	4.5992872267	1030.457488
454	boeing	212.29018	46	89.533713205	90.626181428	35.494742904	4.0010380484	2148.1079287
455	boeing	260.03401677	46	91.656696218	93.054834352	44.601461257	3.6923081945	2482.6563138
456	boeing	189.6629425	46	105.68599131	107.65427149	36.485676065	3.5484269617	3447.3615042
457	boeing	147.75443364	46	110.14590326	110.60412114	25.817052927	4.7258496052	3435.3918022
458	boeing	150.39249011	46	112.10343544	111.43506922	19.7157721	4.5043931104	3479.1328084
459	boeing	171.20478082	47	44.640038638	.	35.051784806	3.9109809065	993.18386593
460	boeing	228.96326107	47	59.439028553	.	8.7268654925	4.0336203157	653.61609083
461	boeing	99.102933856	47	73.85437083	.	18.779687337	4.9150242402	1352.959628
462	boeing	146.38562216	47	90.354274819	.	14.114268518	4.0402550027	1593.0611271
463	boeing	156.80568995	47	95.322576422	94.215160768	30.270100189	3.6451345759	2233.0489624
464	boeing	211.88872874	48	43.174799431	.	34.918422109	4.025280804	1057.1531205
465	boeing	146.19877423	48	55.427606198	.	21.785707448	4.7511947442	777.33787486
466	boeing	137.72738084	48	57.901337428	.	30.587319813	3.5353349684	831.09478796
467	boeing	209.67206752	48	76.515741847	.	41.40728351	4.1932644003	1398.2397027
468	boeing	56.55062968	48	84.551886154	.	26.393957229	4.8816392442	1531.6355717
469	boeing	174.60689592	48	100.27342608	98.716047714	25.320301802	4.1610579048	2503.7000627
470	boeing	166.10453073	48	116.59249189	118.0114174	13.26323991	3.1339588754	4129.0422604
471	boeing	117.02007338	49	54.729138547	.	26.061626528	4.4497617336	800.13464832
472	boeing	162.45273186	49	57.65125066	.	30.305425419	3.9341591214	981.8893648
473	boeing	177.62133285	49	65.570869498	.	8.8251728965	3.6673684977	839.26516938
474	boeing	97.76437201	49	66.192530367	.	47.715701656	3.6191908432	1595.1338347
475	boeing	186.68141397	49	66.417230464	.	44.692695788	4.1135438115	1176.0276765
476	boeing	161.10734359	49	80.130144171	.	31.190275265	4.8073484416	1361.9103755
477	boeing	213.98450886	49	80.394057703	.	16.962413199	4.0980200281	1531.2870582
478	boeing	126.94651352	49	84.588609025	.	37.080439428	3.3443854922	1814.7887866
479	boeing	92.450287837	49	101.5435039	101.84980019	18.169394071	4.8226833856	2573.0532475
480	boeing	114.76272432	49	107.13151958	107.51990264	25.200025499	4.6795028112	3011.3797378
481	boeing	71.877046469	50	40.676738571	.	39.550442157	4.1852995438	974.57210835
482	boeing	73.127692927	50	46.541887353	.	14.603086808	4.0817709211	731.2032589
483	boeing	131.52086125	50	48.325200825	.	29.337217117	3.6212473892	967.46412609
484	boeing	136.64928054	50	61.202449961	.	28.405156035	3.9999589106	1123.4040619
485	boeing	193.51036702	50	63.262519	.	32.108376382	3.9039030111	1100.3514245
486	boeing	194.84869379	50	64.458041102	.	34.548124805	4.6054192743	962.79014726
487	boeing	183.07118278	50	83.268372214	.	26.899228747	4.6010647985	1479.8423079
488	boeing	149.46417091	50	85.626544184	.	32.542946798	3.718828622	2046.0738518
489	boeing	93.781362732	51	42.61322981	.	37.945696039	4.6342702819	1122.0329633
490	boeing	217.50312565	51	53.691922053	.	19.911567238	3.1126360731	984.42773287
491	boeing	96.71237774	51	56.645400488	.	26.53804471	4.2228939729	1048.6182004
492	boeing	211.17454032	51	65.104876757	.	27.033533644	4.4171773513	980.45281693

Obs	aircraft	duration	no_pasg	speed_ground	speed_air	height	pitch	distance
493	boeing	178.71333071	51	70.480194088	.	7.5824945838	4.8167893156	822.2286414
494	boeing	84.368450612	51	75.116022418	.	34.879568015	3.9307575129	1270.3031785
495	boeing	183.38305244	51	83.56114456	.	42.053935847	3.686819564	1826.7638815
496	boeing	129.92837141	51	84.349981219	.	23.855175656	4.6183945357	1671.1264651
497	boeing	193.99574238	51	84.840923885	.	23.302265488	4.9566399591	1769.7810202
498	boeing	136.32776148	52	38.259020081	.	28.338283561	3.9376315891	981.14796314
499	boeing	222.70208536	52	39.725711308	.	33.265348033	4.4522817052	1037.914549
500	boeing	71.573834716	52	46.965489789	.	48.836222177	3.7268981671	1136.0148411
501	boeing	247.98401016	52	62.90034686	.	42.127629148	4.8356172109	1021.992946
502	boeing	198.37390585	52	69.097979803	.	35.271396162	3.7346212547	1111.7933647
503	boeing	206.9495941	52	69.382166673	.	24.740341243	4.0279838777	1005.1180491
504	boeing	130.41743052	52	71.681487926	.	9.688307724	3.7585464091	975.34125596
505	boeing	133.76501239	52	80.419749959	.	11.974067057	4.2529531989	1200.935888
506	boeing	196.46411848	52	81.533090888	.	22.411979234	3.702074231	1587.3880099
507	boeing	201.8908613	52	81.552420657	.	25.600201778	4.1334046688	1646.6971512
508	boeing	95.297732211	52	92.769372634	91.072495358	35.463228123	4.234651479	1960.400037
509	boeing	121.93411774	52	99.853089005	100.66155809	17.884147663	4.6385660147	2478.60892
510	boeing	195.28768108	52	111.12792844	109.8216216	28.883346002	4.766634547	3439.7254669
511	boeing	130.46356358	52	116.71343434	117.65649967	36.195527446	3.8943524297	4240.0941825
512	boeing	277.17600519	52	119.65393667	120.19232219	25.182762649	4.9342407496	4292.1675118
513	boeing	63.32952055	52	132.78467664	132.9114649	18.177030219	4.1106642414	5343.2009539
514	boeing	163.73992283	53	44.394275805	.	37.763521555	3.8154730289	996.87232711
515	boeing	146.54974486	53	58.288973718	.	27.968682076	4.3118895338	919.04747904
516	boeing	105.9719547	53	64.193536196	.	30.29964051	3.8127964757	1053.6333364
517	boeing	153.65742555	53	79.413854562	.	14.4479785	3.2463483541	1240.2804099
518	boeing	146.34521506	53	84.943445968	.	24.874630657	3.8893269176	1658.969957
519	boeing	287.00251573	53	91.399926159	93.343173573	26.329234721	4.6584345975	2020.2731572
520	boeing	112.90009528	53	98.180410862	99.135830727	28.152991316	3.9874712191	2586.6650864
521	boeing	190.94950044	53	100.58974916	98.339305566	18.835040835	4.4880834024	2164.521515
522	boeing	98.4790912	53	107.91568005	109.32837648	27.418924252	4.0435145715	3369.8363638
523	boeing	179.98183168	54	41.204141157	.	35.729484049	4.9440403076	898.307233
524	boeing	137.92287323	54	47.148822575	.	46.42619482	5.1183234022	1128.968076
525	boeing	73.023794916	54	54.4298029	.	24.03532163	3.8376457299	805.30399317
526	boeing	254.10529467	54	63.275914069	.	41.334169856	4.2581993926	1183.9204312
527	boeing	141.64645173	54	64.99673603	.	12.720887595	4.3681656285	960.18473411
528	boeing	131.03064082	54	69.741407968	.	37.513591055	4.2882663909	1387.7685206
529	boeing	221.51726012	54	73.466804495	.	42.13800428	3.4653573854	1526.5588456
530	boeing	164.2297339	54	76.13164105	.	28.045195464	4.5754455924	1267.7619634
531	boeing	191.01846138	54	80.330398441	.	48.426731903	3.689757889	1809.4595873
532	boeing	152.73119726	54	83.655266858	.	25.684334148	4.4463077911	1470.7842588
533	boeing	139.38418182	54	84.095883702	.	37.317578277	3.8734612582	1853.9601925

Obs	aircraft	duration	no_pasg	speed_ground	speed_air	height	pitch	distance
534	boeing	72.416768281	54	85.467591421	.	34.043887949	4.1820891826	1978.3114087
535	boeing	187.20999223	54	88.566727615	.	14.748572684	3.9418381552	2041.6723412
536	boeing	211.08978276	54	89.950891045	91.119337499	33.658158206	4.2850288805	2110.2910317
537	boeing	72.289633216	54	93.391762435	92.869561214	32.223489271	3.8182761471	2128.708285
538	boeing	244.15892899	54	102.86233926	104.43770673	27.615829776	4.6752390451	2792.9711992
539	boeing	196.85627619	55	42.529714102	.	27.591837996	4.4852938434	872.57542081
540	boeing	225.55508155	55	55.547211349	.	36.419841948	4.4902032507	1053.8265214
541	boeing	193.49660053	55	56.914846281	.	33.286273678	4.0174909548	969.95936346
542	boeing	70.973088175	55	58.893753411	.	26.034925195	4.3139729914	987.78832224
543	boeing	270.59594972	55	63.193085808	.	20.801467416	4.0098154916	829.07888581
544	boeing	185.8033861	55	65.002039664	.	48.277120042	4.6626359629	1299.3556792
545	boeing	148.48487906	55	68.774979774	.	20.505335501	3.3663786573	1191.9397318
546	boeing	176.54251382	55	69.899813333	.	11.990372995	4.4587491703	812.22299178
547	boeing	137.59581722	55	75.014343744	.	41.21496259	4.203853398	1627.0681991
548	boeing	118.63054039	55	79.994815042	.	29.366866101	4.4071812572	1515.9652753
549	boeing	86.580598274	55	80.390888645	.	37.014301824	3.6518541525	1426.5078042
550	boeing	163.78758153	55	82.559399461	.	37.122437211	3.5971706577	1813.8426449
551	boeing	79.275891735	55	90.253814593	90.367403727	40.279043115	3.9460448944	2001.0544269
552	boeing	89.358081787	55	111.20254724	110.68407583	41.852413182	3.8616434264	3698.1257979
553	boeing	163.90650312	55	119.3804635	120.44470797	38.558536007	3.7014493887	4524.2788621
554	boeing	151.45816901	56	41.610329524	.	25.010603482	4.6123785855	735.79917826
555	boeing	191.12245642	56	42.019805613	.	43.876050312	3.4078226175	1089.0527095
556	boeing	71.750943009	56	55.791761883	.	25.806962591	4.2245522816	671.30322121
557	boeing	183.29960065	56	60.225343326	.	36.486291546	4.4718126833	914.22410463
558	boeing	176.86203205	56	61.796710514	.	36.748816124	4.1843990127	1137.7457579
559	boeing	145.16618815	56	67.281121753	.	38.999617389	4.8029112865	1181.2480163
560	boeing	41.949369362	56	71.212825876	.	38.39864105	3.7230744201	1225.5124632
561	boeing	107.46733468	56	71.965448513	.	32.455027763	3.4805850946	1249.7348532
562	boeing	168.65750283	56	80.921310624	.	59.945963938	3.9520262499	1936.0136293
563	boeing	166.660164	56	82.225871665	.	18.964776414	5.0340665082	1338.4679955
564	boeing	196.82569105	56	85.813327679	.	30.744597235	3.8842361245	1664.2181584
565	boeing	105.57835252	56	86.838613713	.	17.785754829	3.6125019702	1723.7486077
566	boeing	147.19561126	56	88.705121104	.	40.94901507	4.1270256473	1967.3586047
567	boeing	130.21784671	56	93.549331648	90.767999862	16.292893992	3.4617629884	1852.0009898
568	boeing	167.61572481	56	110.9901105	109.75178909	58.081789646	4.495264388	3723.0547528
569	boeing	113.36295687	56	113.96402929	113.74609122	44.735463184	3.9379057702	4017.785457
570	boeing	232.79385582	56	123.95687145	122.18668469	26.367547127	4.061951127	4483.8596367
571	boeing	161.10514801	57	47.883210688	.	28.036760187	4.6915095248	745.65270838
572	boeing	52.903187872	57	57.101661737	.	19.388837508	4.6436717769	573.62178606
573	boeing	91.889837592	57	62.63738999	.	33.410929305	4.5781069971	1029.3427816
574	boeing	157.35773231	57	72.327130778	.	26.223285332	4.2231807894	1105.3658522

Obs	aircraft	duration	no_pasg	speed_ground	speed_air	height	pitch	distance
575	boeing	247.21710205	57	73.313432826	.	20.343993391	3.8794887756	1217.3211669
576	boeing	217.27806787	57	74.018401179	.	41.381926848	4.85323642	1579.7571882
577	boeing	212.95092162	57	79.336328816	.	55.093509149	4.7749364059	1817.3928658
578	boeing	156.84776593	57	83.544413145	.	27.608910033	3.9620061102	1566.2563323
579	boeing	135.16511647	57	85.580908071	.	42.128705594	3.3296046909	2123.800935
580	boeing	161.25144479	57	87.764686412	.	28.320499464	3.7766276074	1987.1538234
581	boeing	95.463778941	57	90.823243776	92.917699283	40.490463157	5.0059508826	2272.0974357
582	boeing	100.97739773	57	91.224131261	90.002858582	45.02439155	4.1036944046	2187.2345662
583	boeing	151.8784165	57	91.508205537	90.50331792	17.087228104	3.6746103159	1780.1098288
584	boeing	136.95959804	57	95.227816049	94.203632315	22.603041623	4.1321979588	2270.0536553
585	boeing	120.82452974	57	102.05411758	101.33561417	20.834549966	3.9853692952	2498.8167045
586	boeing	126.04011666	57	105.71922152	105.10447842	37.325699826	4.0600509244	2984.0236879
587	boeing	134.21929344	58	43.124453971	.	36.98798361	3.8493425417	977.3980544
588	boeing	79.470818126	58	51.836297611	.	18.985617188	4.8265473561	676.18903827
589	boeing	200.4484551	58	54.591785888	.	30.365906105	4.4405907577	925.38573072
590	boeing	198.37167722	58	65.275578745	.	24.898696811	4.3874356737	904.23482542
591	boeing	117.31914798	58	67.051323577	.	34.301590058	3.9585681414	1174.7516579
592	boeing	164.10389844	58	71.182374599	.	35.058268309	3.958377908	1310.6038052
593	boeing	126.26121707	58	72.604057765	.	21.221140598	3.8824870511	971.07095954
594	boeing	228.88024339	58	72.775165291	.	44.697612488	3.9699836905	1570.3399227
595	boeing	187.59954737	58	94.036412942	96.196460585	33.661226156	4.6361847249	2304.857574
596	boeing	125.22795062	58	99.168593593	96.928013479	36.694347458	4.2271664232	2556.5952545
597	boeing	206.16697017	58	104.6639371	104.70414385	38.214350307	5.0516233259	2930.2095004
598	boeing	108.34193403	58	108.1331095	108.50090006	42.952395762	4.6257015342	3545.2527766
599	boeing	153.78655205	58	109.53850934	109.38230052	12.990661148	3.9879573804	3188.2681596
600	boeing	197.1772966	58	113.88913724	113.44548322	33.455375847	4.2330578025	3785.6544181
601	boeing	209.10634824	58	124.56986234	125.98691462	40.101121967	4.6484282637	5147.4101244
602	boeing	223.39922115	59	42.799753094	.	34.552971375	5.2866300246	851.96217314
603	boeing	150.84109663	59	56.441314363	.	20.783114081	3.7320281536	731.33170479
604	boeing	211.1735825	59	61.525983966	.	15.390422594	3.7066521648	751.99314418
605	boeing	249.42692332	59	62.68325229	.	39.918035172	4.4333088665	934.55241454
606	boeing	146.18126345	59	65.334357647	.	32.666905195	4.4053438458	968.43681985
607	boeing	161.80081696	59	72.609522005	.	58.08354481	3.670238783	1698.1840267
608	boeing	142.42032129	59	80.433449799	.	19.787504785	4.016768468	1445.8652618
609	boeing	147.99216651	59	80.992495294	.	21.705147966	3.3636279418	1485.5412586
610	boeing	94.432281552	59	86.377162961	.	39.08627076	4.1913777105	1943.1324846
611	boeing	197.87679359	59	88.687580311	90.730473056	38.027848737	5.1184227803	2073.1551564
612	boeing	151.30425348	59	88.956773778	.	12.870102639	4.5444191354	1669.5852914
613	boeing	104.86600055	59	90.20736473	90.790709945	28.275039546	4.7233999816	1880.294666
614	boeing	224.74612525	59	91.222070101	92.752576407	31.3636825	4.2546536804	2174.6991646
615	boeing	169.8441908	59	91.788491845	91.276914115	31.441320625	4.5534097219	2051.218761

Obs	aircraft	duration	no_pasg	speed_ground	speed_air	height	pitch	distance
616	boeing	205.92344941	59	92.098290527	92.169032549	44.697091672	4.2340698038	2339.3841943
617	boeing	99.156873954	59	93.253559002	93.471079072	25.763979474	4.419371775	2047.6970209
618	boeing	217.92741983	59	96.373307457	97.103361808	29.911515767	4.5521477521	2217.8308897
619	boeing	127.22257688	59	107.61447636	107.87262235	31.388203556	4.5523263153	3133.3479229
620	boeing	164.23895215	59	113.02952089	113.17469225	38.348270296	3.2768351407	3913.2287255
621	boeing	127.99133129	59	114.29273489	113.86393738	25.46813856	5.13824264	3668.8878406
622	boeing	272.03905778	59	118.92272448	120.39703516	15.049348509	4.1065723599	4279.567211
623	boeing	155.40920579	60	45.068897182	.	34.147519961	3.9058165344	1196.4554672
624	boeing	165.88760768	60	49.168445223	.	28.206547549	3.8902037695	662.1715576
625	boeing	157.14442833	60	52.611914921	.	30.767435238	4.5920197594	825.47834166
626	boeing	136.97552287	60	59.092128964	.	23.936206647	3.227014688	987.55977466
627	boeing	112.47343958	60	63.238252725	.	29.620479559	5.2258651627	832.51894862
628	boeing	122.76726937	60	64.418664168	.	39.039369038	4.4068108589	966.90679057
629	boeing	117.22302611	60	66.457008779	.	28.242811748	4.0939414262	979.60127543
630	boeing	210.96192908	60	70.059553511	.	37.117297093	4.9136444842	1395.1404027
631	boeing	134.82969458	60	73.837974102	.	32.782971127	4.0714235456	1260.6116333
632	boeing	172.67372471	60	78.769326803	.	20.220167757	4.4195736944	1195.942141
633	boeing	157.78543241	60	79.415523264	.	50.840300316	4.2830001144	1960.4303783
634	boeing	186.22325748	60	83.244098511	.	36.093865853	4.6160035246	1771.622268
635	boeing	197.92261066	60	86.700138717	.	27.111513916	3.9743307104	1937.2562557
636	boeing	190.74568278	60	89.802950086	.	26.561001773	4.5145707487	1829.2372134
637	boeing	176.25512589	60	93.067211203	94.970196297	35.551603936	5.1171174536	2238.3595351
638	boeing	72.504936019	60	93.144745365	91.586299119	28.311008354	4.729995759	2072.9072803
639	boeing	107.1201412	60	93.89933526	93.18623585	26.470877122	3.8504358681	2157.4188427
640	boeing	150.30399551	60	95.821777765	96.55237859	27.403567281	4.1152876349	2206.6753231
641	boeing	163.6083374	60	97.502719317	99.433906835	34.082266727	4.7375418354	2652.9561067
642	boeing	75.012761732	60	99.378685634	99.944509978	33.945667089	4.3961857413	2578.2376602
643	boeing	149.22417751	60	99.474191537	101.09511856	19.852903991	3.3027471997	2560.7610893
644	boeing	152.57631192	60	101.44035041	101.69322587	23.452540302	3.6532967648	2740.8022741
645	boeing	130.4243533	60	111.88830909	110.20457764	10.255225364	4.5117260898	3164.4683553
646	boeing	124.48006198	60	114.48071659	114.69029121	45.077666293	4.3341369227	3873.0956584
647	boeing	99.193858446	60	119.67749254	123.04933242	27.558024612	3.6405647359	4455.647775
648	boeing	158.4618984	61	53.778126741	.	46.355832902	5.5563991716	1075.3717411
649	boeing	92.336070812	61	54.031347709	.	14.564305239	4.6681266852	770.64221651
650	boeing	124.87990086	61	63.45721573	.	27.245171343	4.5134267082	1056.4603446
651	boeing	130.75025897	61	65.760129141	.	28.666938655	4.4815795592	893.57795417
652	boeing	168.76056984	61	66.430878666	.	29.242010431	3.615376508	1163.3171085
653	boeing	186.51093123	61	70.790388741	.	12.099622529	4.1539022458	959.13844683
654	boeing	112.0170008	61	71.051960883	.	18.589385734	4.4340431286	1144.922426
655	boeing	124.65932056	61	76.529795789	.	20.238480104	3.9437122363	1379.260881
656	boeing	97.085440418	61	78.188685016	.	28.01117552	4.4508307437	1341.1783075

Obs	aircraft	duration	no_pasg	speed_ground	speed_air	height	pitch	distance
657	boeing	70.970581802	61	80.373077529	.	43.524704765	4.0629176801	1812.4313695
658	boeing	153.54633587	61	83.556493271	.	29.897473262	3.519783726	1793.5628232
659	boeing	135.03150721	61	84.889872444	.	15.021858736	5.9267842132	1668.2067647
660	boeing	155.51861605	61	85.443624251	.	35.375389749	4.2287278648	1698.9927548
661	boeing	132.16475292	61	85.936194711	.	39.73510996	4.2757075985	1712.1068609
662	boeing	204.13798129	61	86.487372948	.	35.017471899	3.6675272069	1935.0727134
663	boeing	293.22996031	61	88.498576695	.	35.034204541	3.8609233149	2079.8514381
664	boeing	114.25950947	61	90.009413195	.	39.0970712	4.621878456	2086.9756588
665	boeing	93.528629974	61	90.331897645	90.111013336	42.408189952	4.4151279938	2259.8440485
666	boeing	193.72628552	61	91.511512961	93.207775371	29.836884637	4.0703219951	2186.6221289
667	boeing	139.41386506	61	93.273287999	93.496041217	21.128503656	4.1557370003	2191.3270511
668	boeing	218.02088213	61	98.206172066	96.033397859	24.531203641	4.3804647597	2149.5567186
669	boeing	182.201019	61	104.29512563	103.09643628	32.659533615	3.8725587384	2689.1596942
670	boeing	131.74744179	61	105.06367666	107.44169372	25.4439203	5.3106775155	3062.065008
671	boeing	142.1380034	61	105.10045279	103.35311485	28.633773668	3.4542098688	3152.596502
672	boeing	163.0853723	61	106.67585206	104.44715655	18.847637969	3.5094499278	2850.7059682
673	boeing	159.85144077	61	107.30146063	105.91314482	15.326207274	4.2502577597	2652.802421
674	boeing	99.681502958	61	121.83713667	120.95340518	33.184596582	3.8674761307	4427.670764
675	boeing	153.8344532	61	126.83927854	126.11864818	20.547833848	4.3345575101	4736.6045811
676	boeing	176.85391129	62	54.580212422	.	19.860379833	3.1467910951	669.11794366
677	boeing	121.61570253	62	59.32138735	.	35.286592667	3.6869802999	1083.3869491
678	boeing	111.00858296	62	62.717325735	.	27.458164185	4.6961506762	844.79555257
679	boeing	158.4190187	62	65.642893609	.	26.96473354	3.4595436201	1154.2199175
680	boeing	184.04178421	62	69.708148038	.	15.346686686	4.0447012735	1116.7582458
681	boeing	120.35279744	62	76.972757606	.	12.353622855	4.8082857766	1071.7417433
682	boeing	131.23242146	62	79.621876063	.	32.944483412	5.0704365136	1510.2127075
683	boeing	155.84557082	62	79.745315854	.	23.839448756	3.3959225955	1322.2129905
684	boeing	112.24050071	62	85.089021397	.	13.190910615	3.2579978206	1782.3672271
685	boeing	175.29994853	62	89.533401642	90.476723723	39.563714404	4.1141180063	2196.4727211
686	boeing	86.828911312	62	91.714535792	92.874851912	28.773729478	3.3058880775	2313.3356963
687	boeing	205.87361329	62	113.99630814	110.65991559	34.443424964	3.873845001	3405.3507059
688	boeing	183.95750281	63	45.857193744	.	39.804470778	3.96076458	1050.550585
689	boeing	203.89582605	63	46.036109985	.	26.587750664	4.227021402	929.68761249
690	boeing	101.45247914	63	46.756897002	.	37.343151844	4.6860084868	847.65729247
691	boeing	159.64040023	63	60.419115087	.	16.338199694	3.9430834445	858.41251225
692	boeing	149.87049036	63	60.622375756	.	35.461665969	4.9469603055	1146.3771278
693	boeing	154.36870049	63	63.540613553	.	26.402991875	3.8566584986	1089.9729531
694	boeing	68.201536698	63	67.955636835	.	39.479483513	4.7795649622	1344.3403491
695	boeing	119.70600605	63	67.969699235	.	27.862901056	3.6862217761	1237.473458
696	boeing	139.85635751	63	69.494644709	.	24.573883721	4.6776772802	1033.7151598
697	boeing	97.477623266	63	73.533976336	.	29.152465311	4.0140064257	1332.0387485

Obs	aircraft	duration	no_pasg	speed_ground	speed_air	height	pitch	distance
698	boeing	123.18642614	63	73.875179495	.	47.166641873	4.4351506589	1394.5303247
699	boeing	172.44293471	63	74.831847823	.	22.166635809	4.3234192828	1176.1244463
700	boeing	116.61255129	63	75.731579545	.	21.30956605	4.1517114895	875.78649863
701	boeing	158.56363888	63	77.858801342	.	32.430472277	3.993557164	1457.7579144
702	boeing	99.996683661	63	77.982229864	.	48.740966578	3.6365363239	1655.6344147
703	boeing	160.33576673	63	78.270298206	.	32.732115723	3.9023897774	1346.5410738
704	boeing	115.094687	63	79.927673217	.	19.554736677	4.6307186429	1067.8381154
705	boeing	129.41473997	63	85.544839926	.	25.43492914	4.3986300351	1679.7391011
706	boeing	169.83634839	63	93.98511905	96.262416093	29.633598821	4.4709418013	2444.5285886
707	boeing	154.06174189	63	94.63080988	93.935280295	41.42337543	4.757852551	2342.7732419
708	boeing	194.67245365	63	95.732907331	97.18505051	47.586622182	3.7321120105	2526.4748975
709	boeing	121.10832212	63	101.04739372	101.72213876	40.03855437	3.8998686693	2830.4376072
710	boeing	222.28989161	63	101.52330605	101.11892399	27.15831085	3.3603490103	2849.4570355
711	boeing	128.88756525	63	102.54306508	104.6244013	28.788569072	4.7041655355	2774.4541623
712	boeing	142.67963078	64	43.34610704	.	37.364530578	5.0860877182	807.79667272
713	boeing	202.67409934	64	52.551834827	.	43.968696323	3.0689056845	1208.4958466
714	boeing	176.3055956	64	65.813679598	.	21.678952588	4.8844598595	690.00147828
715	boeing	171.78949914	64	70.195990219	.	28.919946606	4.4969277745	1197.8216435
716	boeing	88.954538748	64	71.3450445	.	38.430396787	4.3078969167	1215.6919756
717	boeing	192.27232801	64	71.753544367	.	15.870447594	4.4654794397	920.71562998
718	boeing	124.71064101	64	72.261225036	.	36.318371962	4.1729147394	1105.2467122
719	boeing	242.43576866	64	74.216337616	.	22.226794163	4.0706159357	1338.2618248
720	boeing	209.06467683	64	76.008046539	.	40.463849366	4.5143958108	1502.0667088
721	boeing	157.8087398	64	78.847250691	.	19.141129477	4.2602449396	1435.9245683
722	boeing	147.90533612	64	90.499523559	.	31.401174198	4.3570430756	1853.9479702
723	boeing	65.695508337	64	92.645361475	94.735261406	23.529869193	5.2568314412	2022.7322942
724	boeing	106.51409405	64	92.885912601	92.645789262	20.38614078	4.1174070392	1977.1171934
725	boeing	107.7317815	64	93.745994551	94.405765313	29.612945004	4.3002536259	2101.7677931
726	boeing	204.95500718	64	95.677542179	99.112603039	41.444766094	4.777534014	2718.4297538
727	boeing	107.33618321	64	99.020789307	97.330315822	32.890788957	4.3776848107	2405.907939
728	boeing	79.999309582	64	100.17254212	100.2606698	48.602824838	5.0558179864	2771.1312647
729	boeing	84.296505847	65	34.11776613	.	35.266706534	4.2902689148	1198.0892035
730	boeing	170.7986135	65	52.272537849	.	29.594010453	3.285684557	1057.7080347
731	boeing	148.43733516	65	53.539999416	.	30.158679965	3.5657235226	1024.0947953
732	boeing	126.32374545	65	65.885329556	.	19.600003056	4.68790103	846.18064214
733	boeing	122.18570855	65	70.256718159	.	19.97791367	4.2333790632	1160.8697017
734	boeing	216.97429855	65	71.468178885	.	36.821184681	3.6548358754	1267.1146769
735	boeing	161.46087702	65	73.977879897	.	30.671884004	4.8764256488	1187.6768518
736	boeing	215.47668572	65	75.266954554	.	50.166097198	3.9182150647	1712.8382397
737	boeing	177.19269932	65	85.898635333	.	33.537263808	4.0276629705	1710.8614841
738	boeing	218.77717679	65	88.986193794	.	22.930162046	3.4812327746	1770.9247699

Obs	aircraft	duration	no_pasg	speed_ground	speed_air	height	pitch	distance
739	boeing	180.14354151	65	91.000271752	91.586051671	17.641253665	4.4079869843	1838.5676697
740	boeing	233.42754222	65	92.489290879	94.524363884	20.912576869	3.9408686151	2104.0896845
741	boeing	202.54627831	65	93.615201471	95.322444555	18.58645339	4.160108483	1987.8170111
742	boeing	140.23631155	65	118.74200471	119.40214631	19.856192215	4.6462659602	4217.1294518
743	boeing	158.78738396	66	56.008243425	.	36.596917427	4.1081461182	1098.846112
744	boeing	162.21217553	66	60.096269716	.	23.464759724	4.0191426633	781.26308512
745	boeing	154.28455045	66	62.083253452	.	22.658536982	4.6145885274	974.86323902
746	boeing	179.91591838	66	63.671165314	.	19.574699606	4.2867337712	873.4408921
747	boeing	106.63723793	66	64.892926797	.	29.439950209	5.0174729326	924.10287374
748	boeing	155.62741778	66	64.946988369	.	27.0634843	4.4386388552	920.28626467
749	boeing	115.39520555	66	65.539878656	.	33.849552954	4.2345371732	962.60912362
750	boeing	142.30606617	66	67.493137165	.	26.494345137	4.4931978296	1234.502056
751	boeing	56.64048966	66	72.953658239	.	36.154157217	4.3878559157	1205.1280251
752	boeing	204.44587388	66	80.725759835	.	46.84094597	4.4096600285	1995.4052035
753	boeing	124.24032001	66	82.634632474	.	18.261403443	4.2934084614	1515.1388493
754	boeing	94.319896766	66	83.635110177	.	23.466406143	3.5487071321	1499.7242663
755	boeing	298.52233394	66	84.178974975	.	26.318128781	3.8396450566	1616.3556623
756	boeing	160.32820416	66	87.887062402	.	19.450329278	4.8103006452	1543.387011
757	boeing	102.4198377	66	104.03291094	102.84676339	27.83361523	4.8609660183	2637.5324359
758	boeing	154.19446968	66	107.05908552	108.17746968	27.407950767	4.2274190679	3158.8776668
759	boeing	154.99001709	66	108.99641883	108.36091041	15.538766161	4.5480278507	3097.0654015
760	boeing	109.45172219	66	117.64059121	112.26495489	35.910035823	4.0582181528	3741.0677162
761	boeing	192.181773	67	34.30363513	.	30.138274703	4.4995089168	1001.0805665
762	boeing	164.77436392	67	53.113984349	.	27.920433284	4.3227229045	819.23600163
763	boeing	79.052818033	67	54.247896274	.	43.971026107	4.2873601424	1305.9245641
764	boeing	180.64114727	67	55.827468142	.	41.048663032	4.1218284135	1101.4343544
765	boeing	209.28129342	67	76.531843725	.	30.598791007	4.2369678091	1236.3788062
766	boeing	114.19371901	67	77.41822091	.	21.656204825	4.6306064817	1185.2280385
767	boeing	83.512569699	67	78.625488084	.	17.342190802	3.8634086267	1104.404226
768	boeing	196.27823416	67	78.664147734	.	46.591258417	4.15208631	1768.4739674
769	boeing	124.35337627	67	78.954218512	.	28.972879292	3.8124590751	1480.5722537
770	boeing	150.17368779	67	84.187423913	.	40.757234893	3.9228883057	2065.3054444
771	boeing	87.736413994	67	92.400239648	92.425135006	34.107757421	4.3353530907	2144.5845633
772	boeing	116.98454192	67	122.75656197	123.88257287	30.216568242	3.2137033407	4807.8798069
773	boeing	154.52460358	67	129.30718407	127.59332059	23.978496799	5.1546989117	5058.4695164
774	boeing	143.33261546	68	33.822953314	.	37.680495945	4.0703468804	936.57807216
775	boeing	233.43123856	68	34.222063657	.	28.629155926	4.7888425657	955.9096666
776	boeing	226.57166739	68	50.859254878	.	31.058966163	4.122637666	840.54299274
777	boeing	80.397000957	68	54.887859005	.	31.81778908	3.3117750552	1213.9258814
778	boeing	76.904519522	68	67.61028338	.	44.063655273	3.8282165895	1388.3696493
779	boeing	211.70913731	68	71.936731773	.	22.523394485	4.8453101879	1288.8309812

Obs	aircraft	duration	no_pasg	speed_ground	speed_air	height	pitch	distance
780	boeing	169.0856988	68	72.57166563	.	39.692058731	4.0733467334	1457.757668
781	boeing	64.155530488	68	75.592310962	.	32.965842152	4.0631509072	1230.9919301
782	boeing	130.48884861	68	94.376620488	92.15345773	19.574380998	4.6365070329	1995.3655432
783	boeing	124.78661104	68	106.12024007	104.13467735	42.895159857	4.0363220884	2924.840588
784	boeing	197.54635021	68	126.66918215	127.96414283	23.764231426	2.9931514463	5031.3863156
785	boeing	165.54194536	69	48.774673273	.	31.228664837	3.9020460339	943.06840443
786	boeing	175.15117145	69	55.37996773	.	54.27604275	4.6536409251	1125.8005423
787	boeing	121.45511452	69	61.607785041	.	22.779396611	3.3984599553	968.28934986
788	boeing	149.691087	69	64.955268633	.	22.237313329	4.1067786558	786.60967241
789	boeing	241.95006656	69	64.972102204	.	28.504682353	4.0682908219	1007.6988044
790	boeing	126.29533449	69	74.373046613	.	49.039576609	4.8344648639	1548.6903581
791	boeing	109.27706634	69	79.733130819	.	31.058767956	4.2819840946	1500.7053475
792	boeing	183.26407409	69	81.580248719	.	27.687387698	3.7522936228	1497.1677162
793	boeing	159.8108131	69	86.315209607	.	33.823634214	4.5870484421	1898.7424838
794	boeing	202.68865562	69	90.943892841	90.533348853	39.461284768	3.12582299	2191.1004111
795	boeing	106.10804784	69	97.174871746	98.637718197	38.441153122	3.5773087522	2628.5363159
796	boeing	125.73329732	69	101.65558863	102.8514051	27.804716181	4.1174316991	2987.8039235
797	boeing	233.80249791	69	104.80843448	103.86845794	43.882731896	3.2450978263	3213.985265
798	boeing	90.095381357	70	59.888528183	.	32.397688062	4.0260964152	1050.2644976
799	boeing	183.57495844	70	64.97459002	.	21.560439389	4.0209903588	822.93718811
800	boeing	173.75152907	70	68.462817944	.	35.027645688	4.9566852937	1098.2848748
801	boeing	168.63061318	70	77.535257271	.	21.047219906	4.2192924831	1375.0200626
802	boeing	96.941215455	70	94.030485628	94.520624439	23.594476567	4.1521190127	2135.7862958
803	boeing	126.54028789	70	94.781230282	91.142068839	39.476298784	3.5949361476	2182.2207374
804	boeing	78.455662834	70	107.98595587	109.4581269	19.703120709	4.7621150325	3184.3263623
805	boeing	201.36958354	71	41.455692355	.	28.543870421	4.6031173258	763.699563
806	boeing	176.37153647	71	62.216451257	.	43.937671249	5.3247470086	825.52229665
807	boeing	98.695657877	71	69.750578737	.	50.623766494	3.9084929899	1426.4827722
808	boeing	155.92906935	71	71.998171485	.	35.383504742	3.6403979244	1227.9001319
809	boeing	85.963580491	71	86.417904479	.	34.594584685	4.3960026472	1703.5054909
810	boeing	139.21299054	72	49.509631704	.	30.856063054	4.249669131	827.42067444
811	boeing	158.16277689	72	74.833473963	.	26.186971031	3.9863265825	1449.0794019
812	boeing	78.24709997	72	76.999831013	.	13.801193211	4.2019377631	1273.6644967
813	boeing	133.5569265	72	94.271329242	92.877735531	33.046424149	3.785794946	2351.0709569
814	boeing	161.8924678	72	129.26491833	128.41773098	33.948998825	4.1399514138	5381.9588622
815	boeing	236.19293349	73	52.360449116	.	44.121081799	4.4970887384	1078.0988933
816	boeing	213.77917717	73	57.426894092	.	48.868703509	4.1846317788	1154.4436143
817	boeing	112.31707003	74	79.257984189	.	37.19716518	4.3370030837	1158.8376732
818	boeing	168.23013919	74	86.852747395	.	16.894461754	3.8308960194	1725.3804918
819	boeing	124.54353753	75	69.880248247	.	31.31135869	4.6879165411	1045.0302857
820	boeing	118.26426229	75	70.168245294	.	17.743340834	4.2669763429	830.71474719

<b>Obs</b>	<b>aircraft</b>	<b>duration</b>	<b>no_pasg</b>	<b>speed_ground</b>	<b>speed_air</b>	<b>height</b>	<b>pitch</b>	<b>distance</b>
<b>821</b>	boeing	79.705863144	75	106.7461226	106.73317595	18.346201583	4.8074017332	2785.855295
<b>822</b>	boeing	130.94961924	76	44.732763125	.	32.782994552	4.861881592	874.79864397
<b>823</b>	boeing	147.03191592	76	63.597942325	.	36.489042355	4.4917734289	1051.9369604
<b>824</b>	boeing	219.72115595	76	88.103462433	.	42.085495821	4.6540097977	1927.0536775
<b>825</b>	boeing	130.16891519	77	55.086685785	.	38.032817792	4.0971206341	998.09700633
<b>826</b>	boeing	172.56012205	77	82.29713755	.	44.758716354	4.2293090445	1809.27205
<b>827</b>	boeing	228.17710591	78	61.220375598	.	21.772286622	4.5955283685	970.04651856
<b>828</b>	boeing	107.11331938	78	86.807962025	.	25.477015381	4.4142187986	1910.8768699
<b>829</b>	boeing	128.93810992	79	106.93389135	108.42651323	30.457709156	4.8421492	3203.3188407
<b>830</b>	boeing	161.82569155	80	82.509055403	.	36.680194026	4.685310032	1590.3719225
<b>831</b>	boeing	194.4671661	82	40.815188666	.	22.618444074	4.8765952309	761.4850777

### The MEANS Procedure

Variable	Label	N	N Miss	Minimum	Maximum	Mean	Median	Std Dev	Variance	Range
duration	duration	781	50	41.9493694	305.6217107	154.7757191	154.2845505	48.3499237	2337.72	263.6723414
no_pasg	no_pasg	831	0	29.0000000	87.0000000	60.0553550	60.0000000	7.4913166	56.1198237	58.0000000
speed_ground	speed_ground	831	0	33.5741041	132.7846766	79.5426997	79.7939604	18.7356754	351.0255334	99.2105726
speed_air	speed_air	203	628	90.0028586	132.9114649	103.4850352	101.1189240	9.7362774	94.7950972	42.9086063
height	height	831	0	6.2275178	59.9459639	30.4578695	30.1670844	9.7848114	95.7425347	53.7184462
pitch	pitch	831	0	2.2844801	5.9267842	4.0051609	4.0010380	0.5265690	0.2772750	3.6423041
distance	distance	831	0	41.7223127	5381.96	1522.48	1262.15	896.3381524	803422.08	5340.24

### The FREQ Procedure

aircraft				
aircraft	Frequency	Percent	Cumulative Frequency	Cumulative Percent
airbus	444	53.43	444	53.43
boeing	387	46.57	831	100.00

**The UNIVARIATE Procedure**  
**Variable: duration (duration)**

Moments			
<b>N</b>	781	<b>Sum Weights</b>	781
<b>Mean</b>	154.775719	<b>Sum Observations</b>	120879.837
<b>Std Deviation</b>	48.3499237	<b>Variance</b>	2337.71512
<b>Skewness</b>	0.18986566	<b>Kurtosis</b>	-0.1958773
<b>Uncorrected SS</b>	20532681.4	<b>Corrected SS</b>	1823417.79
<b>Coeff Variation</b>	31.2387007	<b>Std Error Mean</b>	1.73009629

Basic Statistical Measures			
Location		Variability	
<b>Mean</b>	154.7757	<b>Std Deviation</b>	48.34992
<b>Median</b>	154.2846	<b>Variance</b>	2338
<b>Mode</b>	.	<b>Range</b>	263.67234
		<b>Interquartile Range</b>	70.03148

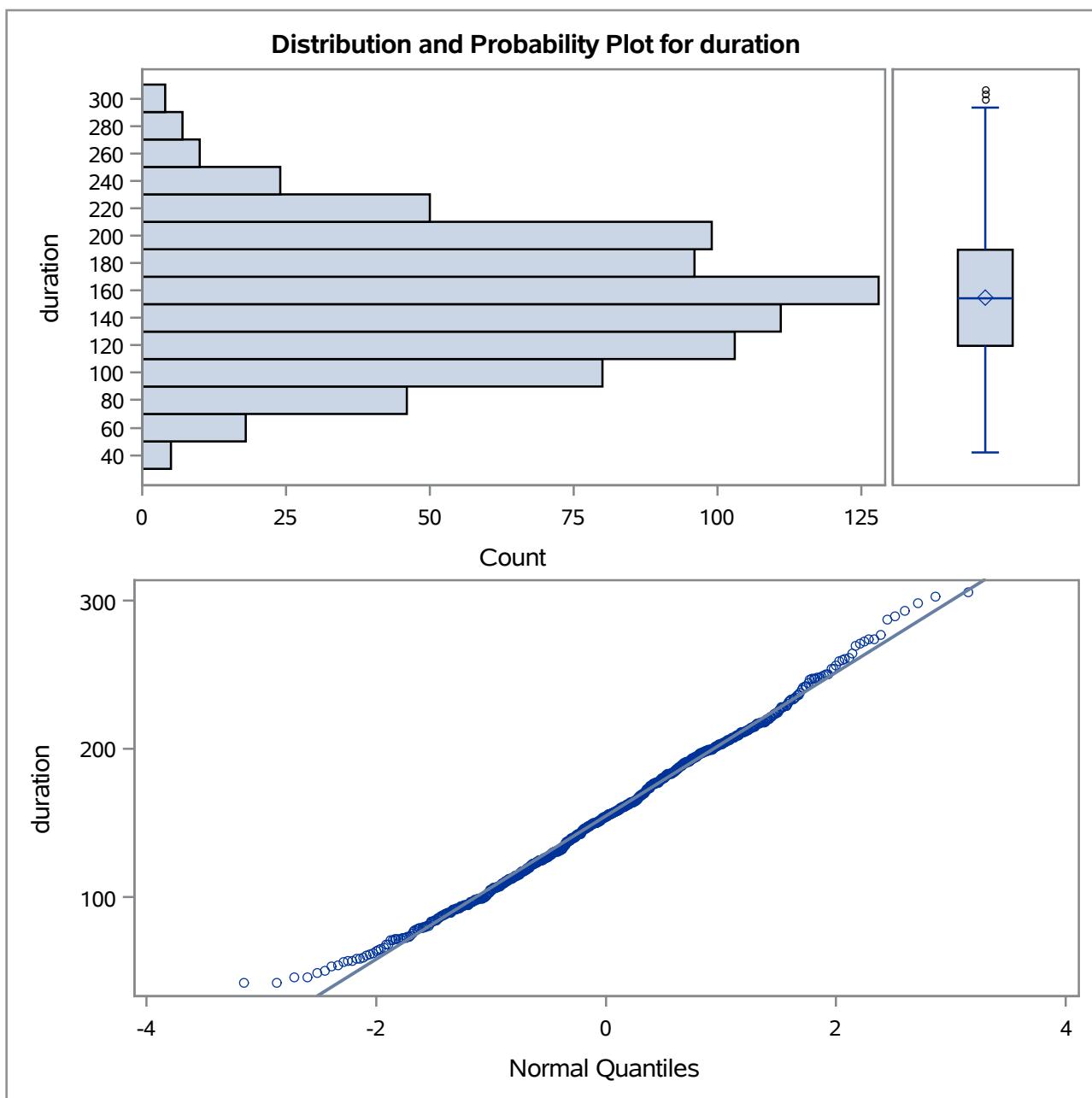
Tests for Location: Mu0=0				
Test	Statistic		p Value	
<b>Student's t</b>	<b>t</b>	89.46075	<b>Pr &gt;  t </b>	<.0001
<b>Sign</b>	<b>M</b>	390.5	<b>Pr &gt;=  M </b>	<.0001
<b>Signed Rank</b>	<b>S</b>	152685.5	<b>Pr &gt;=  S </b>	<.0001

Quantiles (Definition 5)	
Level	Quantile
<b>100% Max</b>	305.6217
<b>99%</b>	274.2177
<b>95%</b>	233.8025
<b>90%</b>	214.7272
<b>75% Q3</b>	189.6629
<b>50% Median</b>	154.2846
<b>25% Q1</b>	119.6315
<b>10%</b>	92.6481
<b>5%</b>	78.4557
<b>1%</b>	54.2182
<b>0% Min</b>	41.9494

**The UNIVARIATE Procedure**  
**Variable: duration (duration)**

Extreme Observations			
Lowest		Highest	
Value	Obs	Value	Obs
41.9494	560	289.320	109
42.1462	276	293.230	663
45.5028	176	298.522	755
45.6354	222	302.967	311
49.0121	74	305.622	105

Missing Values			
Missing Value	Count	Percent Of	
		All Obs	Missing Obs
.	50	6.02	100.00



**The UNIVARIATE Procedure**  
**Variable: no\_pasg (no\_pasg)**

Moments			
<b>N</b>	831	<b>Sum Weights</b>	831
<b>Mean</b>	60.055355	<b>Sum Observations</b>	49906
<b>Std Deviation</b>	7.49131655	<b>Variance</b>	56.1198237
<b>Skewness</b>	-0.0135746	<b>Kurtosis</b>	0.30027454
<b>Uncorrected SS</b>	3043702	<b>Corrected SS</b>	46579.4537
<b>Coeff Variation</b>	12.4740193	<b>Std Error Mean</b>	0.25987089

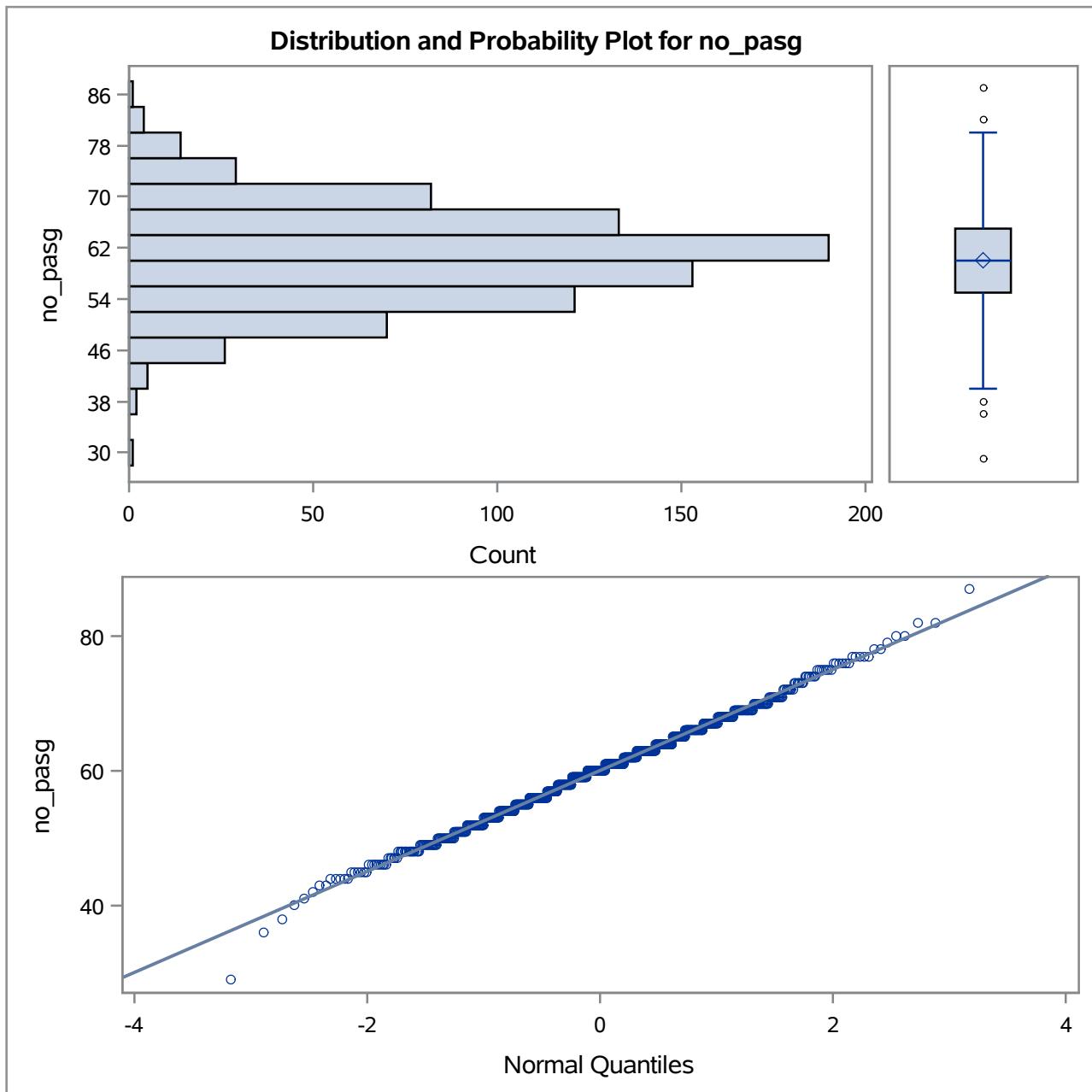
Basic Statistical Measures			
Location		Variability	
<b>Mean</b>	60.05535	<b>Std Deviation</b>	7.49132
<b>Median</b>	60.00000	<b>Variance</b>	56.11982
<b>Mode</b>	61.00000	<b>Range</b>	58.00000
		<b>Interquartile Range</b>	10.00000

Tests for Location: Mu0=0				
Test	Statistic		p Value	
Student's t	t	231.0969	Pr >  t	<.0001
Sign	M	415.5	Pr >=  M	<.0001
Signed Rank	S	172848	Pr >=  S	<.0001

Quantiles (Definition 5)	
Level	Quantile
<b>100% Max</b>	87
<b>99%</b>	77
<b>95%</b>	72
<b>90%</b>	69
<b>75% Q3</b>	65
<b>50% Median</b>	60
<b>25% Q1</b>	55
<b>10%</b>	50
<b>5%</b>	48
<b>1%</b>	44
<b>0% Min</b>	29

**The UNIVARIATE Procedure**  
**Variable: no\_pasg (no\_pasg)**

Extreme Observations			
Lowest		Highest	
Value	Obs	Value	Obs
29	445	80	442
36	1	80	830
38	2	82	443
40	3	82	831
41	4	87	444



**The UNIVARIATE Procedure**  
**Variable: speed\_ground (speed\_ground)**

Moments			
<b>N</b>	831	<b>Sum Weights</b>	831
<b>Mean</b>	79.5426997	<b>Sum Observations</b>	66099.9835
<b>Std Deviation</b>	18.7356754	<b>Variance</b>	351.025533
<b>Skewness</b>	0.08890294	<b>Kurtosis</b>	-0.2324866
<b>Uncorrected SS</b>	5549122.33	<b>Corrected SS</b>	291351.193
<b>Coeff Variation</b>	23.5542363	<b>Std Error Mean</b>	0.64993338

Basic Statistical Measures			
Location		Variability	
<b>Mean</b>	79.54270	<b>Std Deviation</b>	18.73568
<b>Median</b>	79.79396	<b>Variance</b>	351.02553
<b>Mode</b>	.	<b>Range</b>	99.21057
		<b>Interquartile Range</b>	25.75708

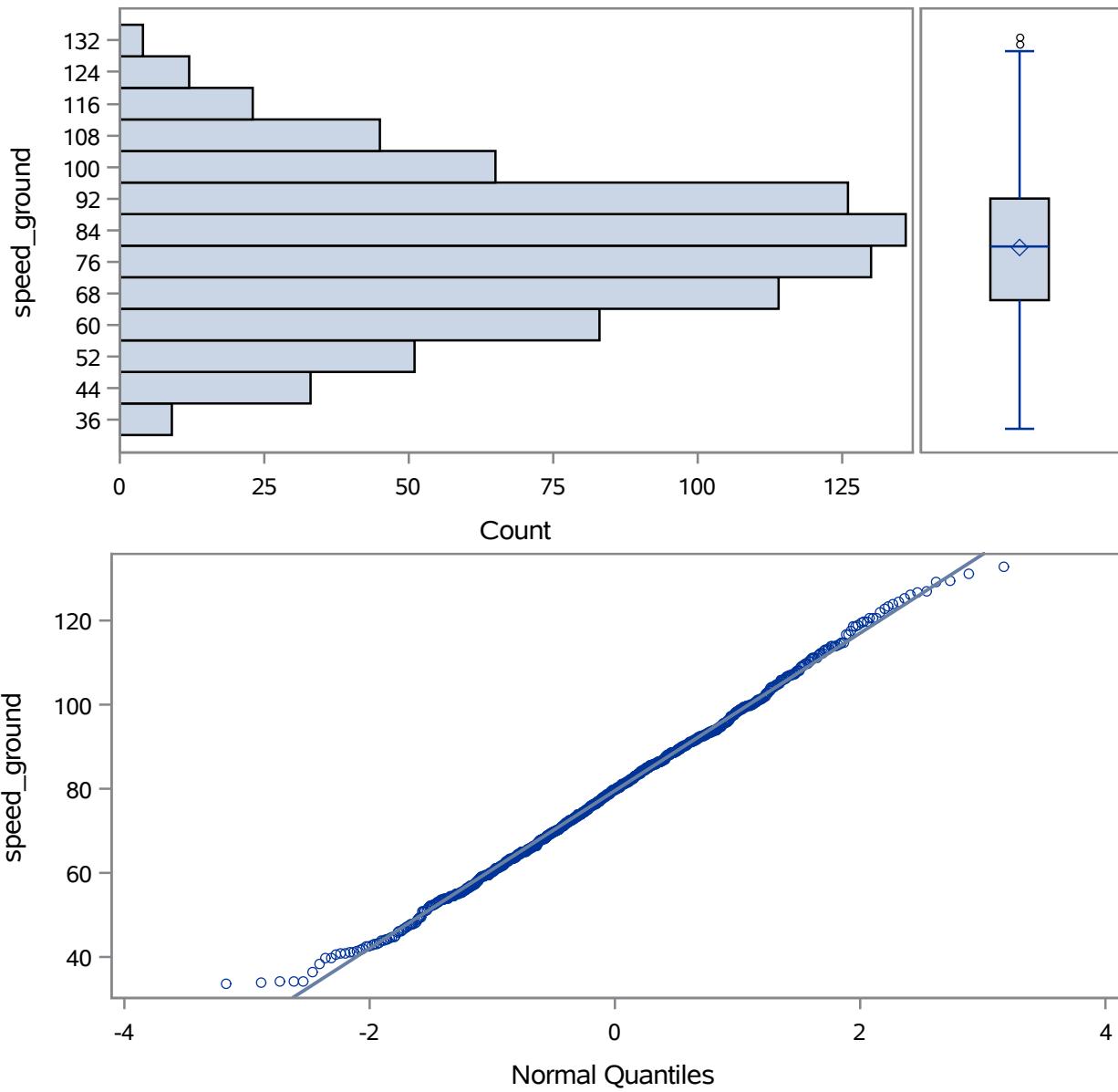
Tests for Location: Mu0=0				
Test		Statistic		p Value
<b>Student's t</b>	<b>t</b>	122.3859	<b>Pr &gt;  t </b>	<.0001
<b>Sign</b>	<b>M</b>	415.5	<b>Pr &gt;=  M </b>	<.0001
<b>Signed Rank</b>	<b>S</b>	172848	<b>Pr &gt;=  S </b>	<.0001

Quantiles (Definition 5)	
Level	Quantile
<b>100% Max</b>	132.7847
<b>99%</b>	124.5699
<b>95%</b>	111.2366
<b>90%</b>	104.0329
<b>75% Q3</b>	91.9496
<b>50% Median</b>	79.7940
<b>25% Q1</b>	66.1925
<b>10%</b>	55.0867
<b>5%</b>	47.8832
<b>1%</b>	39.7693
<b>0% Min</b>	33.5741

**The UNIVARIATE Procedure**  
**Variable: speed\_ground (speed\_ground)**

Extreme Observations			
Lowest		Highest	
Value	Obs	Value	Obs
33.5741	302	126.839	675
33.8230	774	129.265	814
34.1178	729	129.307	773
34.2221	775	131.035	227
34.3036	761	132.785	513

**Distribution and Probability Plot for speed\_ground**



**The UNIVARIATE Procedure**  
**Variable: speed\_air (speed\_air)**

Moments			
<b>N</b>	203	<b>Sum Weights</b>	203
<b>Mean</b>	103.485035	<b>Sum Observations</b>	21007.4621
<b>Std Deviation</b>	9.73627738	<b>Variance</b>	94.7950972
<b>Skewness</b>	0.88272686	<b>Kurtosis</b>	0.23173679
<b>Uncorrected SS</b>	2193106.57	<b>Corrected SS</b>	19148.6096
<b>Coeff Variation</b>	9.40839162	<b>Std Error Mean</b>	0.68335271

Basic Statistical Measures			
Location		Variability	
<b>Mean</b>	103.4850	<b>Std Deviation</b>	9.73628
<b>Median</b>	101.1189	<b>Variance</b>	94.79510
<b>Mode</b>	.	<b>Range</b>	42.90861
		<b>Interquartile Range</b>	13.18584

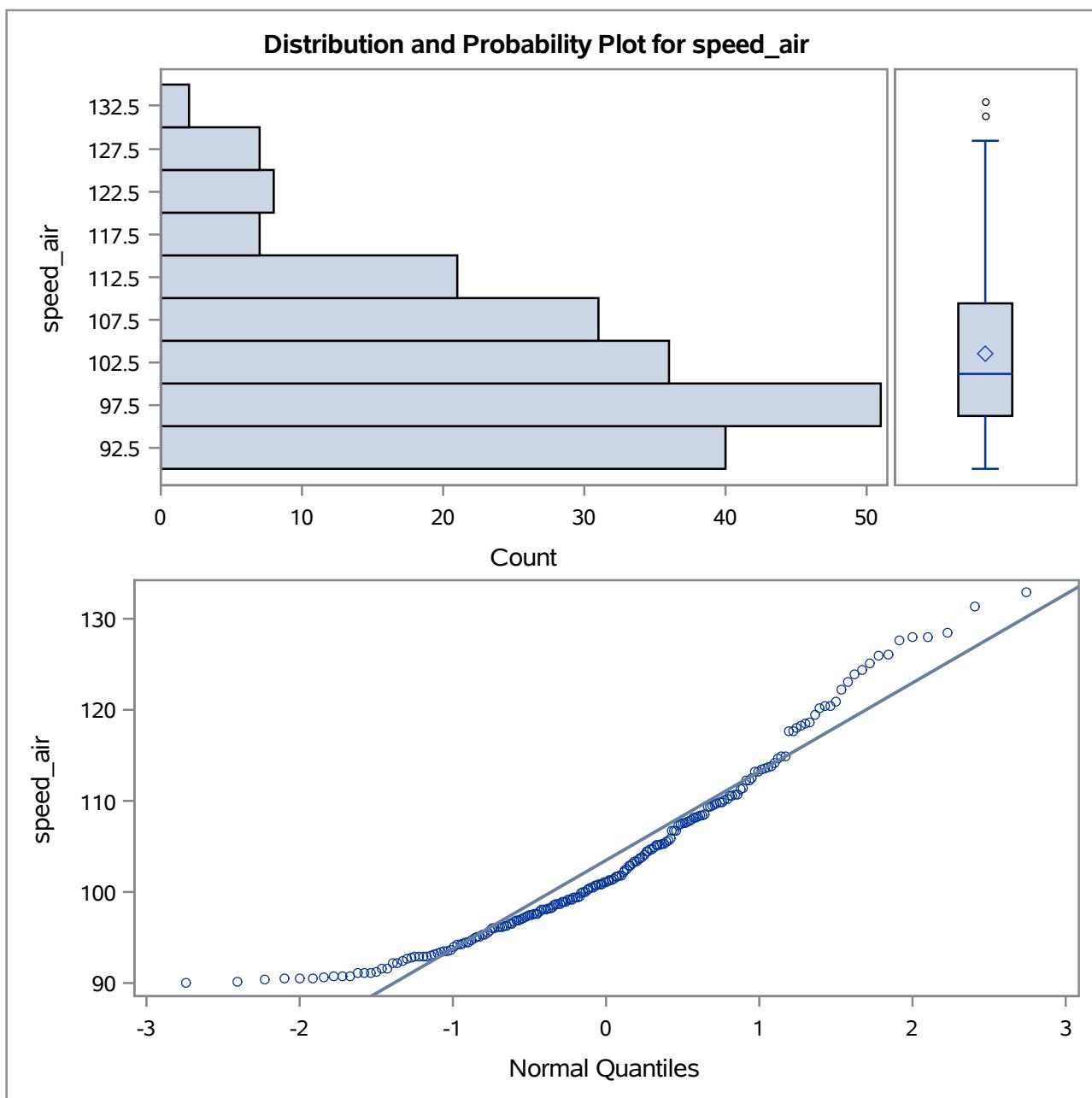
Tests for Location: Mu0=0				
Test	Statistic		p Value	
<b>Student's t</b>	<b>t</b>	151.4372	<b>Pr &gt;  t </b>	<.0001
<b>Sign</b>	<b>M</b>	101.5	<b>Pr &gt;=  M </b>	<.0001
<b>Signed Rank</b>	<b>S</b>	10353	<b>Pr &gt;=  S </b>	<.0001

Quantiles (Definition 5)	
Level	Quantile
<b>100% Max</b>	132.9115
<b>99%</b>	128.4177
<b>95%</b>	123.8826
<b>90%</b>	118.2882
<b>75% Q3</b>	109.3823
<b>50% Median</b>	101.1189
<b>25% Q1</b>	96.1965
<b>10%</b>	92.7526
<b>5%</b>	91.0725
<b>1%</b>	90.3674
<b>0% Min</b>	90.0029

**The UNIVARIATE Procedure**  
**Variable: speed\_air (speed\_air)**

Extreme Observations			
Lowest		Highest	
Value	Obs	Value	Obs
90.0029	582	127.937	359
90.1110	665	127.964	784
90.3674	551	128.418	814
90.4767	685	131.338	227
90.5033	583	132.911	513

Missing Values			
Missing Value	Count	Percent Of	
		All Obs	Missing Obs
.	628	75.57	100.00



**The UNIVARIATE Procedure**  
**Variable: height (height)**

Moments			
<b>N</b>	831	<b>Sum Weights</b>	831
<b>Mean</b>	30.4578695	<b>Sum Observations</b>	25310.4896
<b>Std Deviation</b>	9.78481143	<b>Variance</b>	95.7425347
<b>Skewness</b>	0.12714447	<b>Kurtosis</b>	-0.3338733
<b>Uncorrected SS</b>	850369.892	<b>Corrected SS</b>	79466.3038
<b>Coeff Variation</b>	32.1257251	<b>Std Error Mean</b>	0.33943135

Basic Statistical Measures			
Location		Variability	
<b>Mean</b>	30.45787	<b>Std Deviation</b>	9.78481
<b>Median</b>	30.16708	<b>Variance</b>	95.74253
<b>Mode</b>	9.68831	<b>Range</b>	53.71845
		<b>Interquartile Range</b>	13.48443

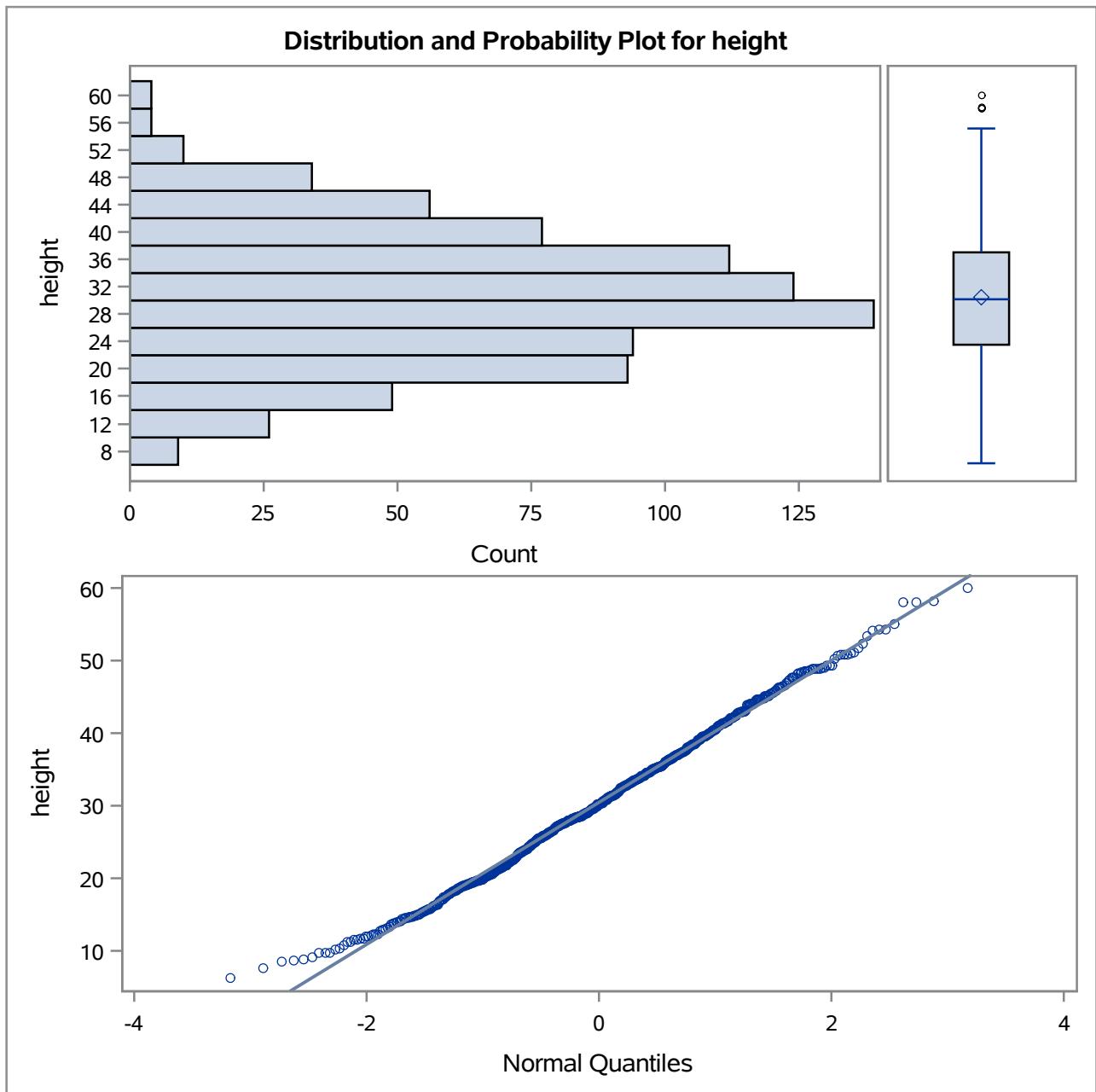
Note: The mode displayed is the smallest of 49 modes with a count of 2.

Tests for Location: Mu0=0				
Test	Statistic		p Value	
<b>Student's t</b>	<b>t</b>	89.73205	<b>Pr &gt;  t </b>	<.0001
<b>Sign</b>	<b>M</b>	415.5	<b>Pr &gt;=  M </b>	<.0001
<b>Signed Rank</b>	<b>S</b>	172848	<b>Pr &gt;=  S </b>	<.0001

Quantiles (Definition 5)	
Level	Quantile
<b>100% Max</b>	59.94596
<b>99%</b>	53.43862
<b>95%</b>	47.38932
<b>90%</b>	43.87605
<b>75% Q3</b>	37.01430
<b>50% Median</b>	30.16708
<b>25% Q1</b>	23.52987
<b>10%</b>	17.90477
<b>5%</b>	14.60309
<b>1%</b>	9.69722
<b>0% Min</b>	6.22752

**The UNIVARIATE Procedure**  
**Variable: height (height)**

Extreme Observations			
Lowest		Highest	
Value	Obs	Value	Obs
6.22752	195	55.0935	577
7.58249	493	58.0818	568
8.55907	342	58.0835	607
8.72687	460	58.2278	372
8.82517	473	59.9460	562



**The UNIVARIATE Procedure**  
**Variable: pitch (pitch)**

Moments			
<b>N</b>	831	<b>Sum Weights</b>	831
<b>Mean</b>	4.00516086	<b>Sum Observations</b>	3328.28868
<b>Std Deviation</b>	0.52656905	<b>Variance</b>	0.27727496
<b>Skewness</b>	0.01730511	<b>Kurtosis</b>	-0.0907921
<b>Uncorrected SS</b>	13560.4698	<b>Corrected SS</b>	230.138218
<b>Coeff Variation</b>	13.1472634	<b>Std Error Mean</b>	0.01826648

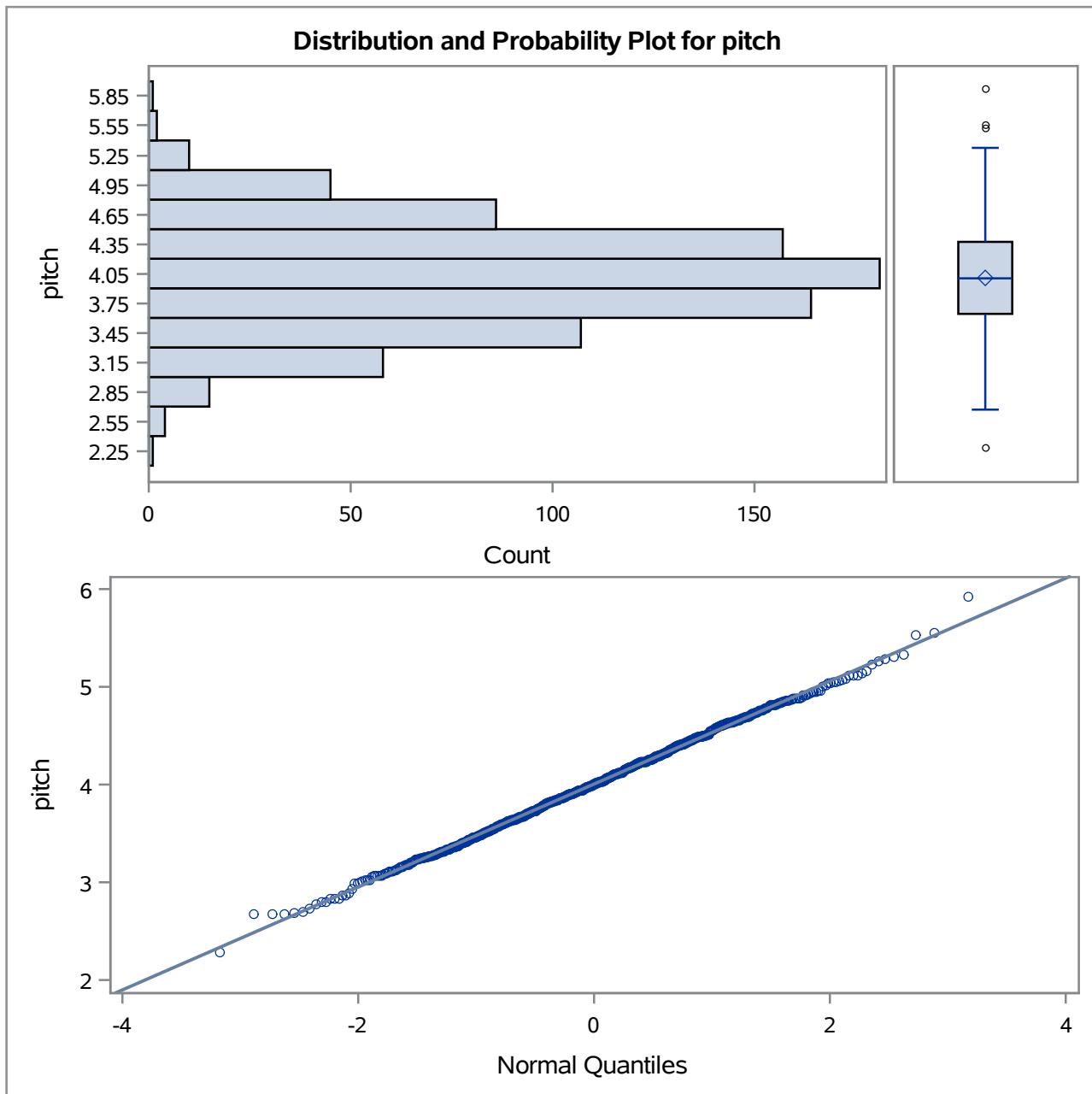
Basic Statistical Measures			
Location		Variability	
<b>Mean</b>	4.005161	<b>Std Deviation</b>	0.52657
<b>Median</b>	4.001038	<b>Variance</b>	0.27727
<b>Mode</b>	.	<b>Range</b>	3.64230
		<b>Interquartile Range</b>	0.73067

Tests for Location: Mu0=0				
Test	Statistic		p Value	
Student's t	t	219.2629	Pr >  t	<.0001
Sign	M	415.5	Pr >=  M	<.0001
Signed Rank	S	172848	Pr >=  S	<.0001

Quantiles (Definition 5)	
Level	Quantile
<b>100% Max</b>	5.92678
<b>99%</b>	5.15470
<b>95%</b>	4.86097
<b>90%</b>	4.68531
<b>75% Q3</b>	4.37107
<b>50% Median</b>	4.00104
<b>25% Q1</b>	3.64040
<b>10%</b>	3.31258
<b>5%</b>	3.15594
<b>1%</b>	2.79673
<b>0% Min</b>	2.28448

**The UNIVARIATE Procedure**  
**Variable: pitch (pitch)**

Extreme Observations			
Lowest		Highest	
Value	Obs	Value	Obs
2.28448	350	5.31068	670
2.66891	306	5.32475	806
2.67133	169	5.52678	244
2.67599	147	5.55640	648
2.68955	38	5.92678	659



**The UNIVARIATE Procedure**  
**Variable: distance (distance)**

Moments			
<b>N</b>	831	<b>Sum Weights</b>	831
<b>Mean</b>	1522.48287	<b>Sum Observations</b>	1265183.27
<b>Std Deviation</b>	896.338152	<b>Variance</b>	803422.083
<b>Skewness</b>	1.47639585	<b>Kurtosis</b>	2.54813164
<b>Uncorrected SS</b>	2593060185	<b>Corrected SS</b>	666840329
<b>Coeff Variation</b>	58.8734473	<b>Std Error Mean</b>	31.093626

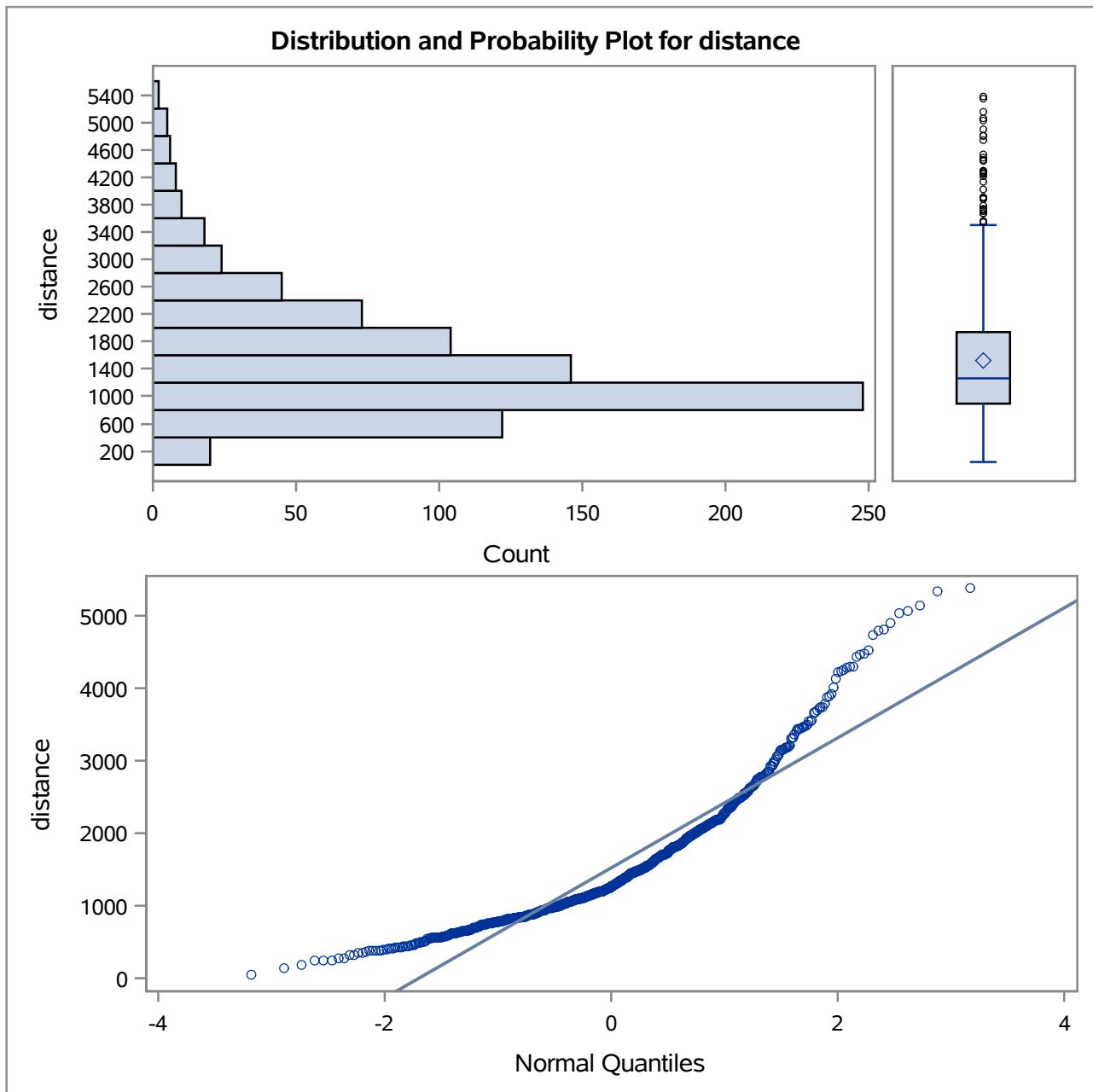
Basic Statistical Measures			
Location		Variability	
<b>Mean</b>	1522.483	<b>Std Deviation</b>	896.33815
<b>Median</b>	1262.154	<b>Variance</b>	803422
<b>Mode</b>	.	<b>Range</b>	5340
		<b>Interquartile Range</b>	1044

Tests for Location: Mu0=0				
Test	Statistic		p Value	
<b>Student's t</b>	<b>t</b>	48.96447	<b>Pr &gt;  t </b>	<.0001
<b>Sign</b>	<b>M</b>	415.5	<b>Pr &gt;=  M </b>	<.0001
<b>Signed Rank</b>	<b>S</b>	172848	<b>Pr &gt;=  S </b>	<.0001

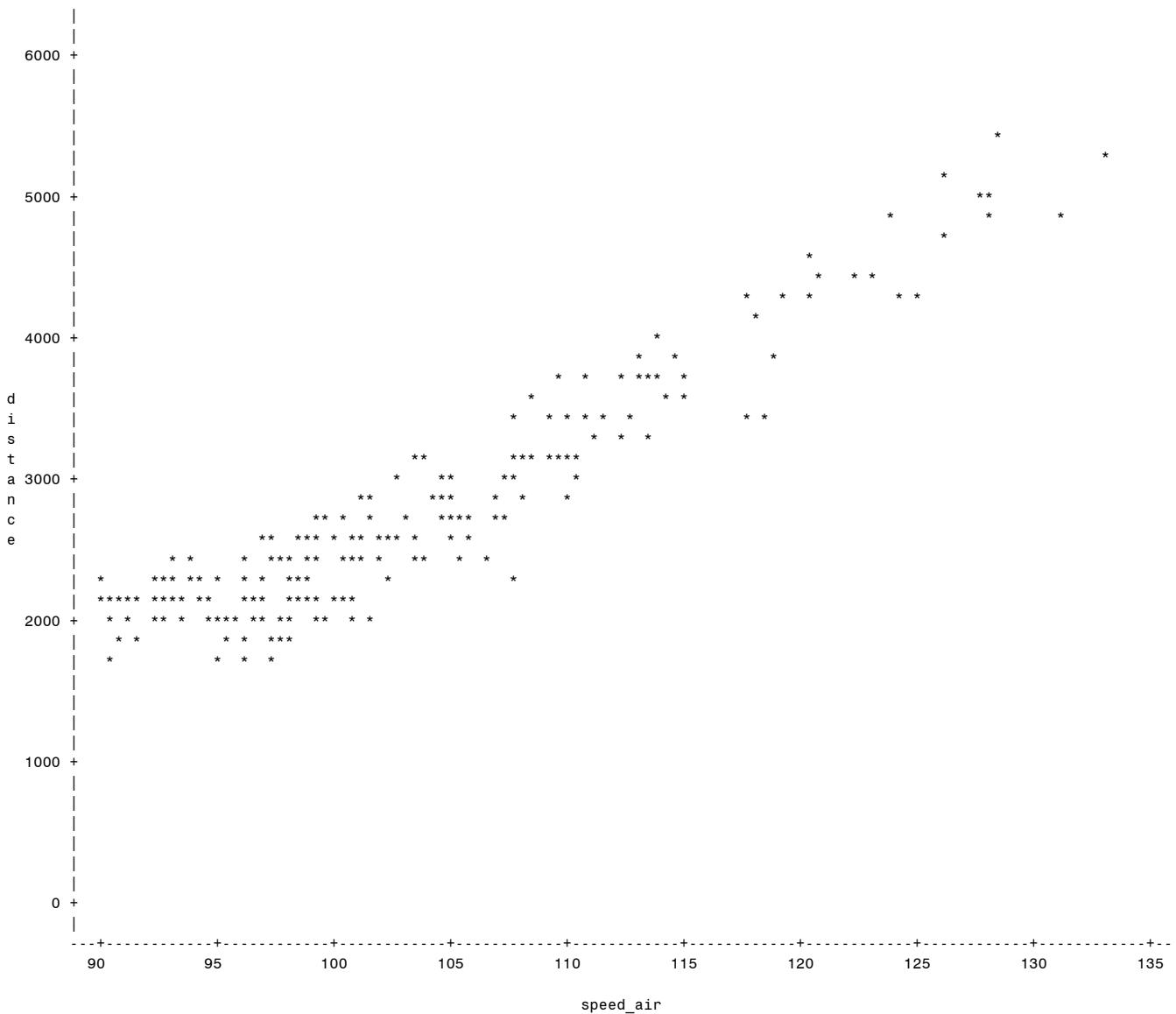
Quantiles (Definition 5)	
Level	Quantile
<b>100% Max</b>	5381.9589
<b>99%</b>	4736.6046
<b>95%</b>	3435.3918
<b>90%</b>	2711.4636
<b>75% Q3</b>	1937.2563
<b>50% Median</b>	1262.1539
<b>25% Q1</b>	892.9840
<b>10%</b>	656.1870
<b>5%</b>	512.8430
<b>1%</b>	317.8127
<b>0% Min</b>	41.7223

**The UNIVARIATE Procedure**  
**Variable: distance (distance)**

Extreme Observations			
Lowest		Highest	
Value	Obs	Value	Obs
41.7223	439	5031.39	784
133.0869	277	5058.47	773
180.5652	304	5147.41	601
241.1610	16	5343.20	513
242.5959	342	5381.96	814

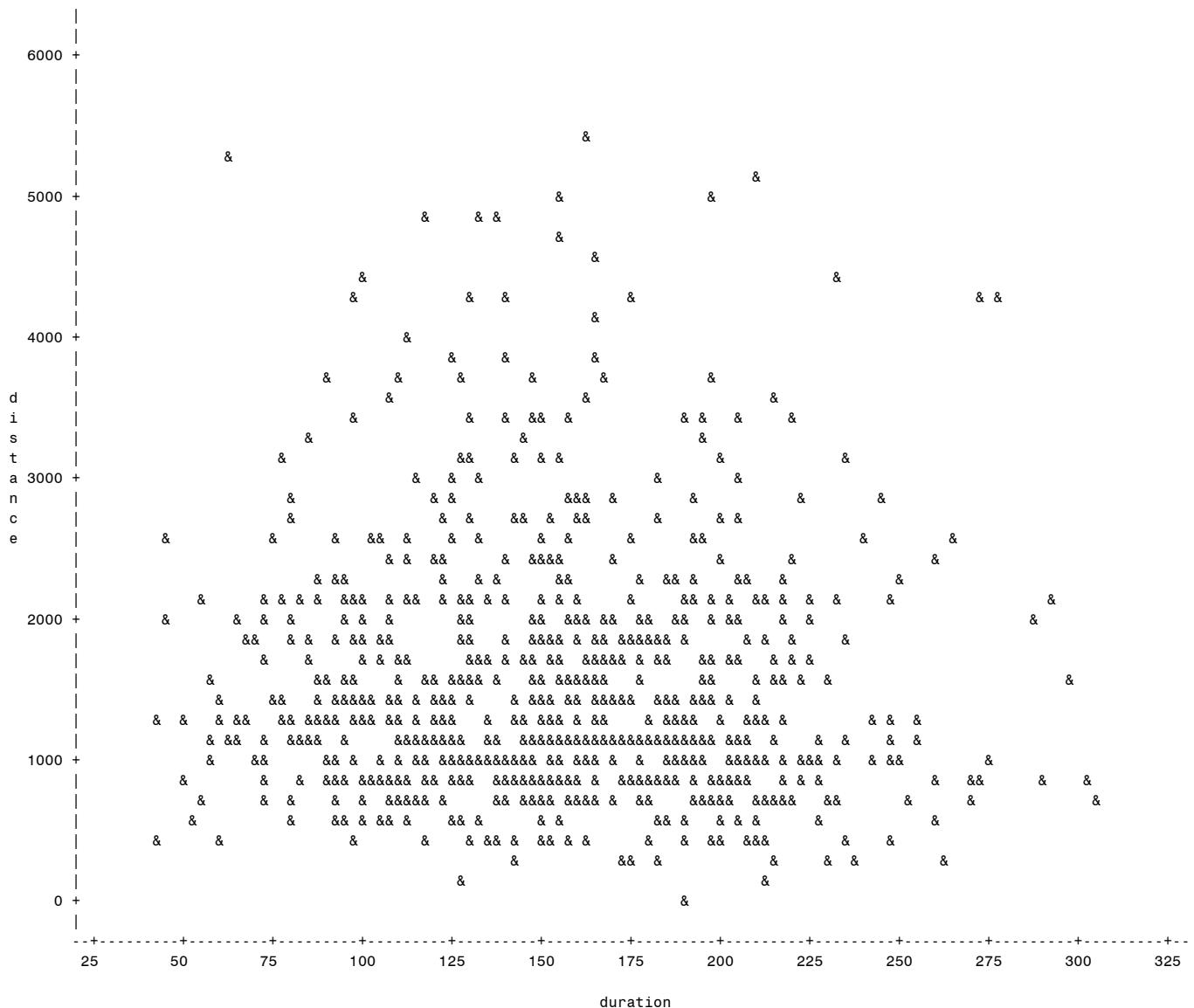


Plot of distance\*speed\_air. Symbol used is '\*'.



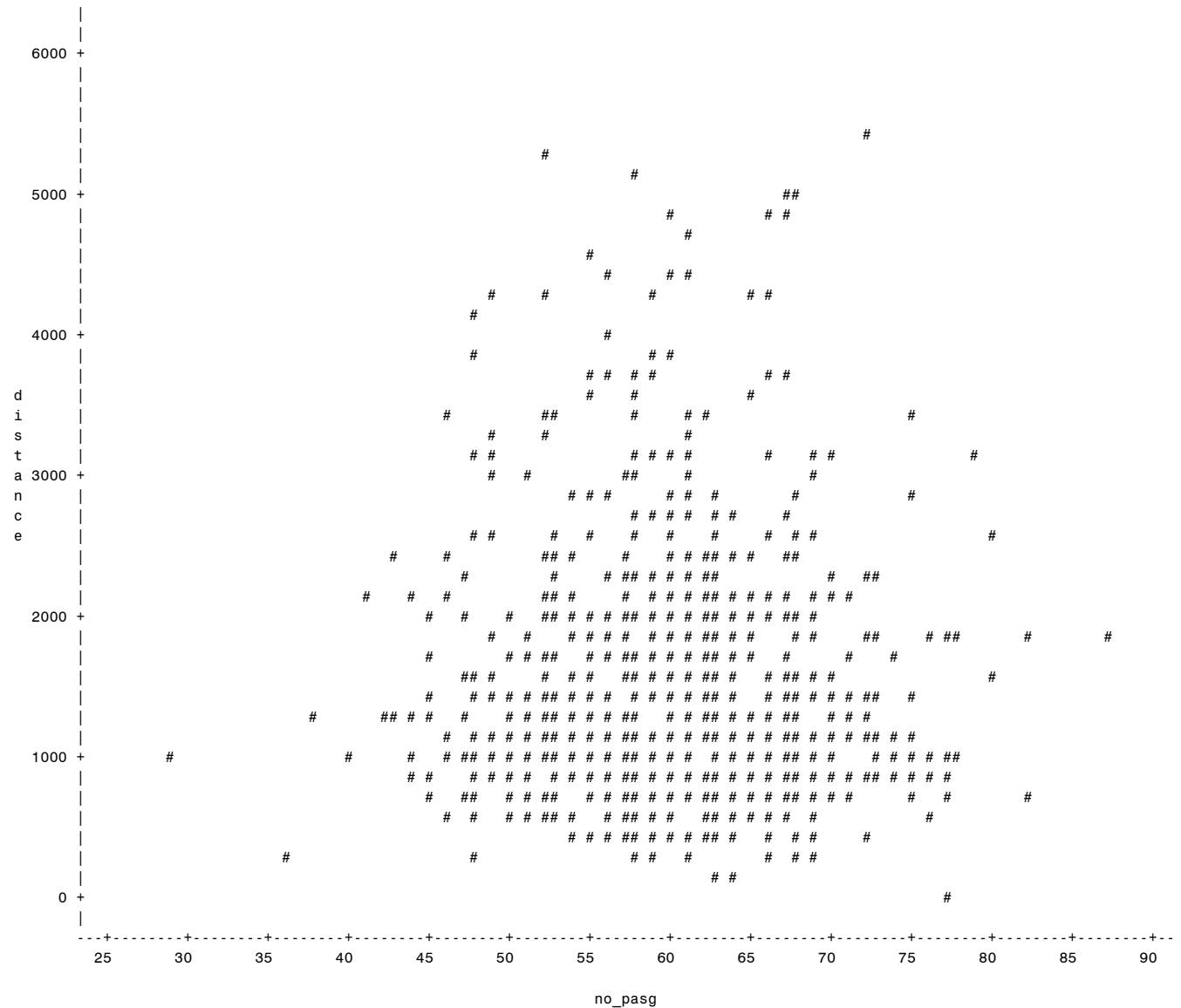
NOTE: 628 obs had missing values. 32 obs hidden.

Plot of distance\*duratio. Symbol used is '&amp;'.



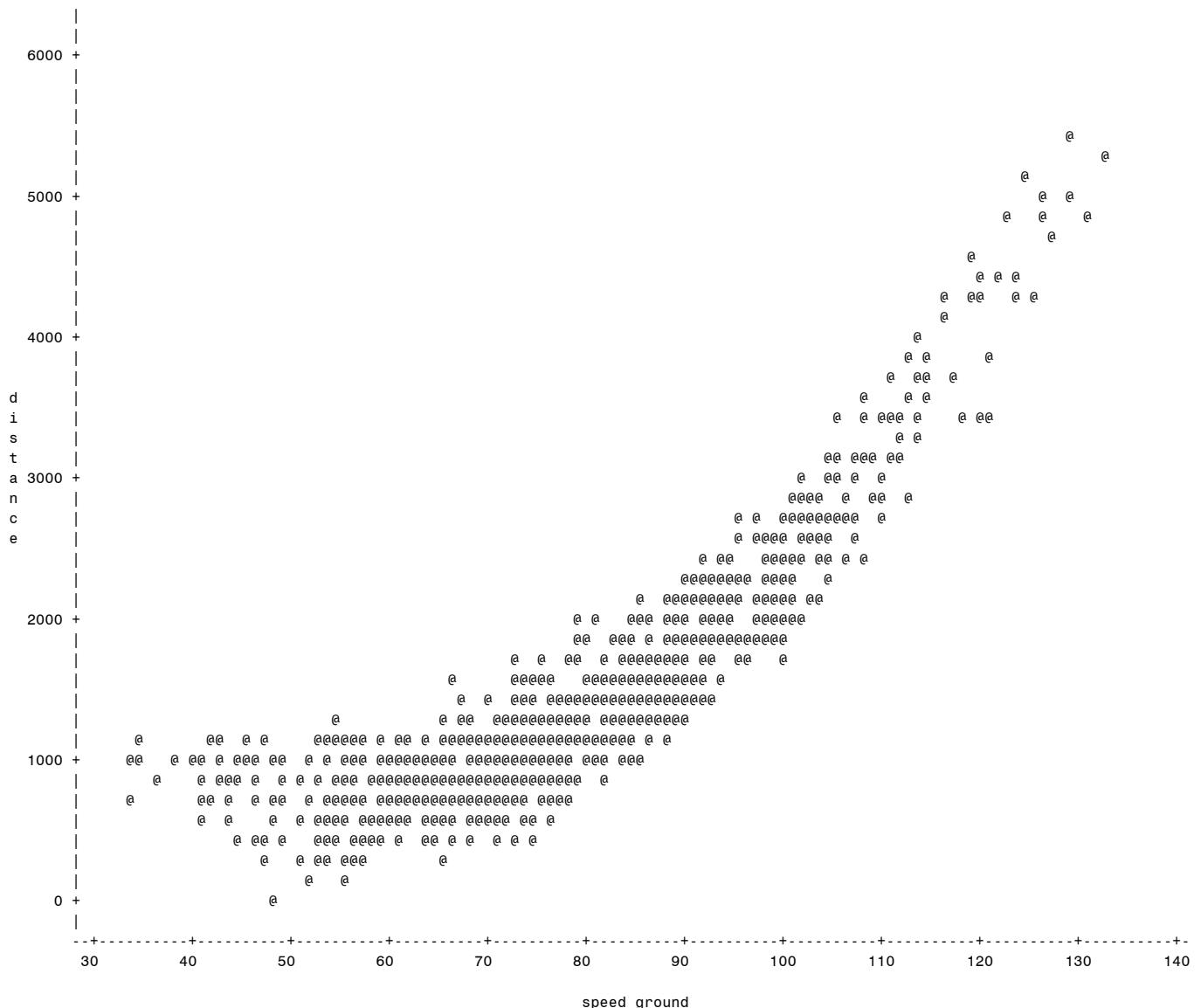
NOTE: 50 obs had missing values. 198 obs hidden.

Plot of distance\*no\_pasg. Symbol used is '#'.

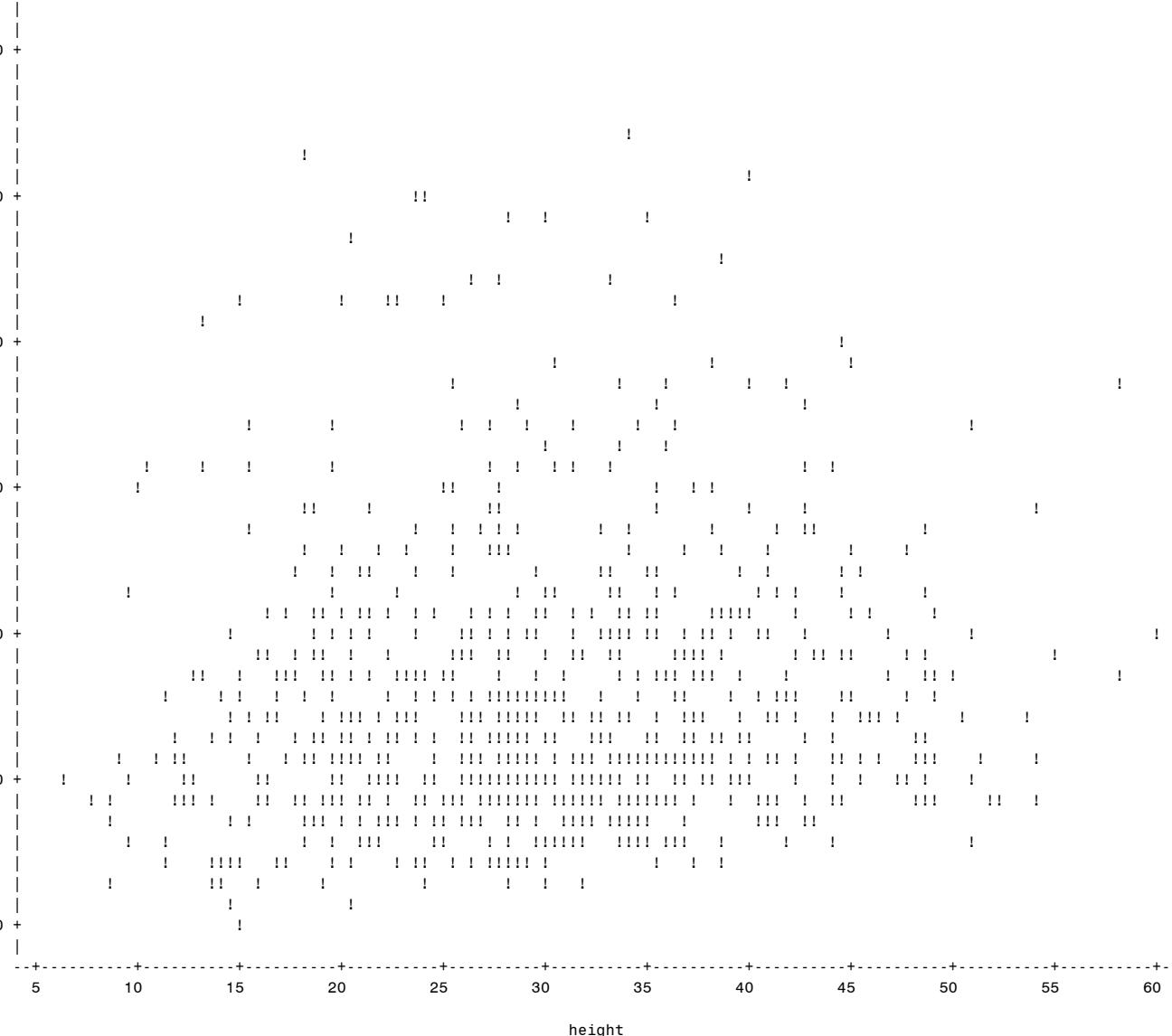


NOTE: 400 obs hidden.

Plot of distance\*speed\_ground. Symbol used is '@'.



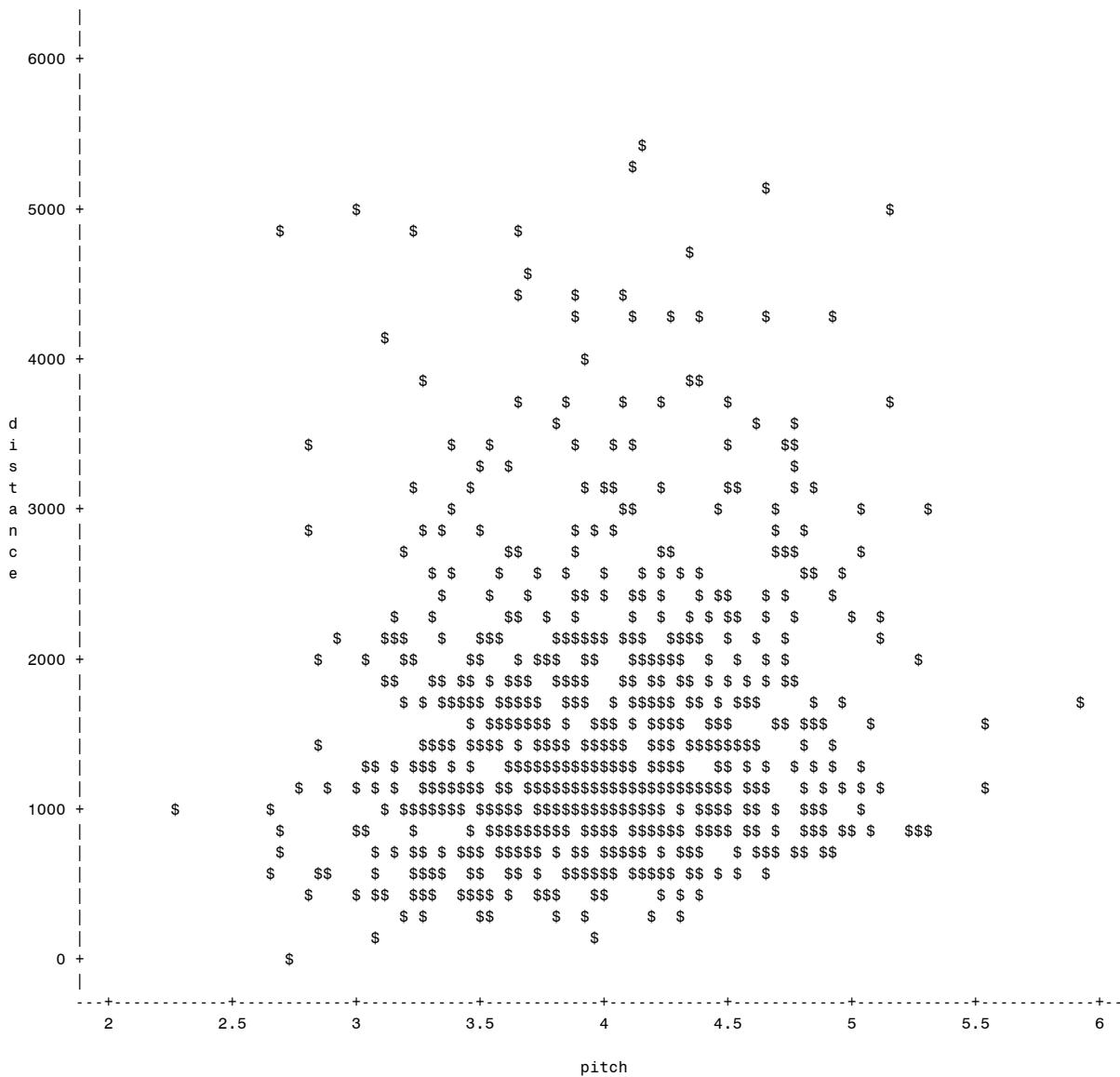
NOTE: 371 obs hidden.

Plot of distance\*height. Symbol used is '!'.  


The plot shows a dense cluster of data points forming a triangle centered at approximately (25, 4000). The points are most concentrated between height values of 15 and 35 and distance\*height values of 3000 and 5000.

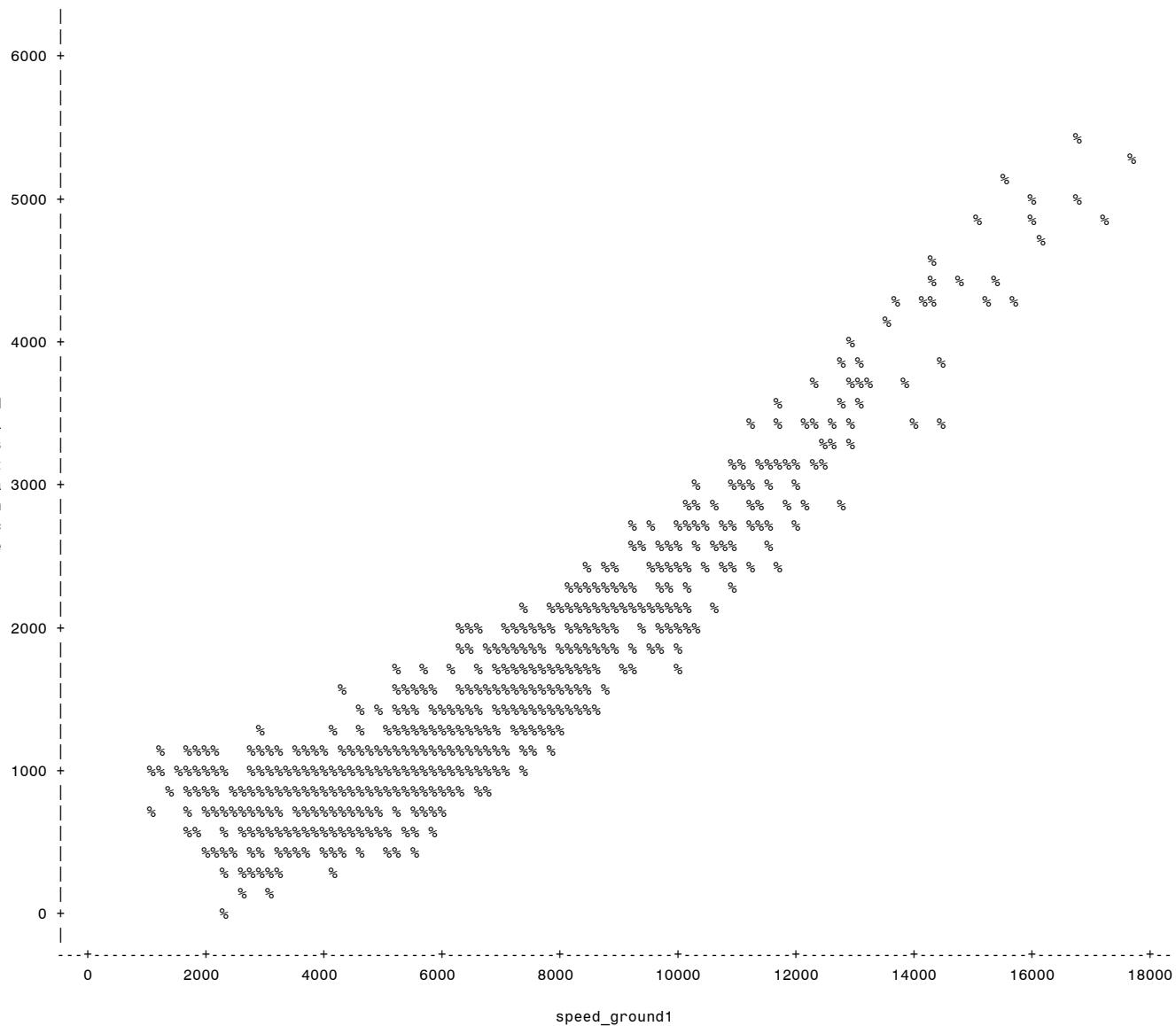
d  
i  
s  
t  
a  
n  
c  
e  
NOTE: 214 obs hidden.

Plot of distance\*pitch. Symbol used is '\$'.



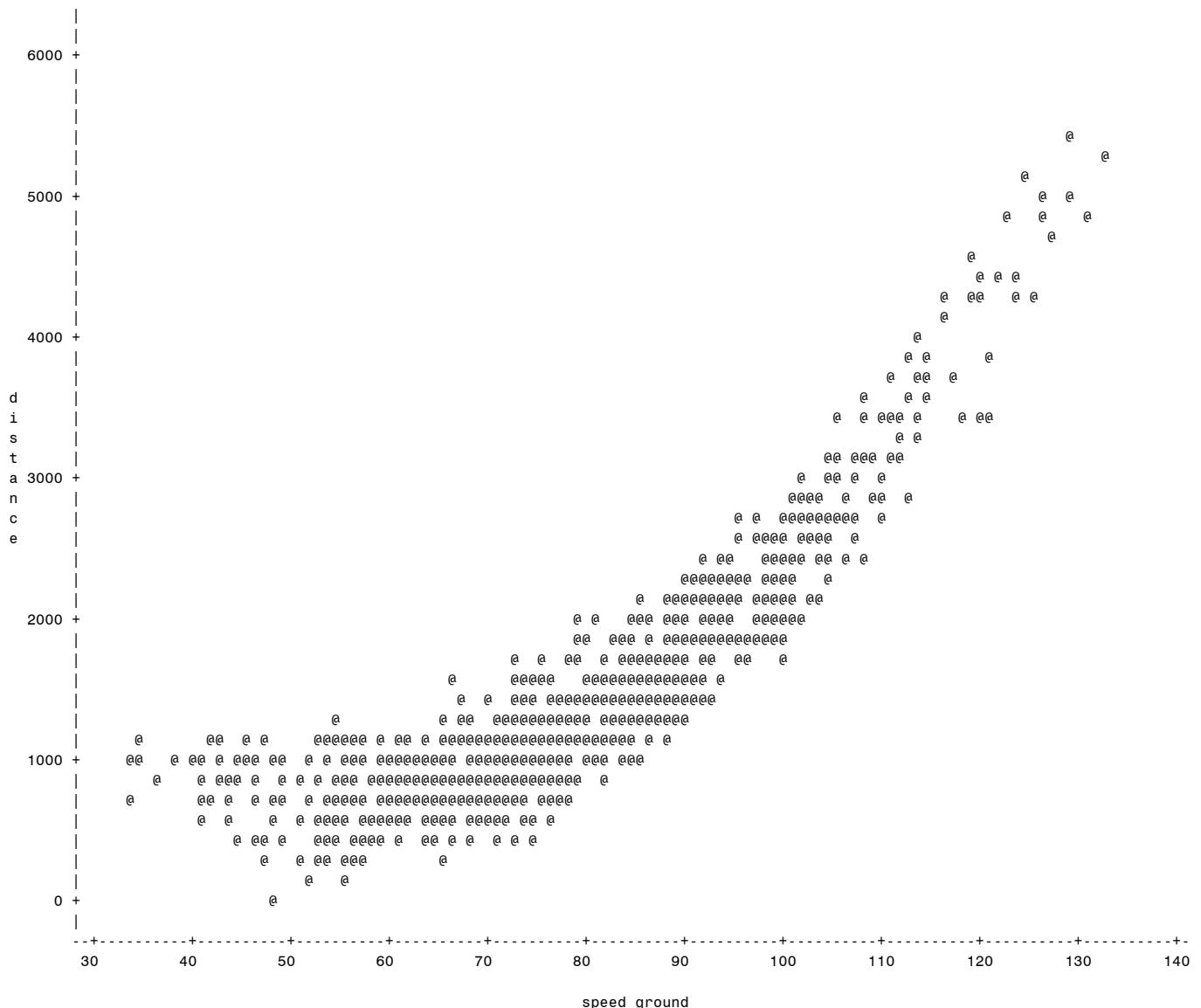
NOTE: 289 obs hidden.

Plot of distance\*speed\_ground1. Symbol used is '%'.  
 d  
 i  
 s  
 t  
 a  
 n  
 c  
 e



NOTE: 392 obs hidden.

Plot of distance\*speed\_ground. Symbol used is '@'.



NOTE: 371 obs hidden.

Obs	aircraft	duration	no_pasg	speed_ground	speed_air	height	pitch
1	airbus	172.04931209	36	47.486765029	.	13.984809941	4.2990197162
2	airbus	188.01797726	38	85.180842251	.	37.028793691	4.1216901717
3	airbus	93.540807771	40	80.627416679	.	28.60255713	3.6234201886
4	airbus	123.30242152	41	97.568203986	96.978436701	38.409192953	3.5322719834
5	airbus	109.19713407	43	82.483044979	.	30.140024889	4.0896284195
6	airbus	139.31381028	44	99.596841547	99.160266345	35.187030092	3.8402667146
7	airbus	214.22048507	45	72.490616757	.	33.228125197	4.3693164876
8	airbus	182.7116757	45	77.805502137	.	20.189958388	4.178015403
9	airbus	197.43183449	45	81.375317855	.	46.285569727	4.2052754575
10	airbus	115.86922387	45	86.875879978	.	34.838071106	3.7997683715
11	airbus	216.87640251	45	91.618595738	.	38.324199382	4.7436314527
12	airbus	.	46	40.801786477	.	24.400127629	3.9682093233
13	airbus	149.65108927	46	69.037688441	.	48.559845058	4.1973990963
14	airbus	.	46	104.07757658	103.40921036	19.7157721	4.1043931104
15	airbus	168.79553003	47	92.907591785	95.762981617	23.784897183	3.9086740504
16	airbus	237.40527671	48	53.774013118	.	28.260802216	3.1755295986
17	airbus	.	48	61.570704648	.	21.785707448	4.3511947442
18	airbus	173.57275867	48	69.440266991	.	21.235704144	4.2349485846
19	airbus	221.59245844	48	76.36854228	.	19.395151702	4.8736423429

Obs	distance	speed_ground1	aircraft_make
1	250.68976141	2254.99	0
2	1257.0092519	7255.78	0
3	1021.0888117	6500.78	0
4	2167.7576915	9519.55	0
5	1321.0000654	6803.45	0
6	2116.080919	9919.53	0
7	748.7667918	5254.89	0
8	905.49788375	6053.70	0
9	1459.5022976	6621.94	0
10	1262.1538907	7547.42	0
11	1967.6109937	8393.97	0
12	620.09051196	1664.79	0
13	1127.8005331	4766.20	0
14	2494.8046454	10832.14	0
15	1955.3034911	8631.82	0
16	241.16096423	2891.64	0
17	560.53392302	3790.95	0
18	860.43708392	4821.95	0
19	932.57187751	5832.15	0

Obs	aircraft	duration	no_pasg	speed_ground	speed_air	height	pitch
20	airbus	181.70175046	48	79.793960442	.	34.532683072	3.76482161
21	airbus	160.84157691	48	87.551468843	.	28.545582924	4.4229830982
22	airbus	157.16728687	48	101.83850487	103.63497127	23.011621748	4.9429730633
23	airbus	199.91969175	48	109.30116236	109.55662817	33.066513954	4.0350502581
24	airbus	140.67120141	48	120.45475566	118.67260401	30.351506953	4.3710717196
25	airbus	152.13331824	49	67.96474782	.	43.97369797	4.6126758628
26	airbus	100.08624587	49	73.47329101	.	33.857396706	3.4675514514
27	airbus	94.828574047	49	86.483225907	.	29.289251818	3.7811259878
28	airbus	165.01327501	49	91.110368621	.	40.417128405	3.543305741
29	airbus	150.60053157	49	111.23656298	109.85430197	42.832497449	3.9197415189
30	airbus	84.375146328	49	112.18972025	112.19018323	30.202558867	4.7533844954
31	airbus	175.51443032	49	125.21230409	125.13854893	22.524778897	4.3657723639
32	airbus	133.73961717	50	52.333370563	.	18.038104533	3.9351932028
33	airbus	203.32103587	50	64.658141026	.	35.122301566	3.5884171024
34	airbus	141.80866829	50	69.835685444	.	42.745653562	4.5037176013
35	airbus	125.27798747	50	71.071982782	.	39.221521095	4.2290416756
36	airbus	162.5458696	50	73.338499719	.	25.777471657	4.3223402115
37	airbus	98.461455246	50	73.939616162	.	42.353383637	3.9571042618
38	airbus	178.53721004	50	77.07920079	.	24.833682708	2.6895532686

Obs	distance	speed_ground1	aircraft_make
20	1159.5466175	6367.08	0
21	1410.1890375	7665.26	0
22	2524.5676617	10371.08	0
23	3177.1885419	11946.74	0
24	3891.4718916	14509.35	0
25	1097.3778646	4619.21	0
26	892.02278261	5398.32	0
27	1555.5259125	7479.35	0
28	1626.1683408	8301.10	0
29	3156.5261636	12373.57	0
30	3313.0672207	12586.53	0
31	4254.9332637	15678.12	0
32	513.49576186	2738.78	0
33	789.54314456	4180.68	0
34	815.07168547	4877.02	0
35	886.8887875	5051.23	0
36	929.57099383	5378.54	0
37	1027.2134659	5467.07	0
38	880.80044898	5941.20	0

Obs	aircraft	duration	no_pasg	speed_ground	speed_air	height	pitch
39	airbus	103.65986342	50	83.438769115	.	24.597065289	3.901858534
40	airbus	.	50	84.219908138	.	32.542946798	3.318828622
41	airbus	109.79101574	50	85.88079228	.	33.466314922	3.462927709
42	airbus	132.2714247	50	87.917214817	.	37.787035899	3.7427163549
43	airbus	113.90561764	50	90.689554194	.	19.11775158	3.5775516573
44	airbus	199.50580761	51	59.099825091	.	41.604002941	3.6405344238
45	airbus	.	51	62.484050366	.	26.53804471	3.8228939729
46	airbus	186.22429406	51	69.922522751	.	29.098408257	4.3884525678
47	airbus	117.76512176	51	77.086098106	.	18.389869267	3.4514891099
48	airbus	91.137052503	51	81.952392127	.	27.503012962	3.5740085596
49	airbus	.	51	83.630692914	.	23.302265488	4.5566399591
50	airbus	99.346535515	51	88.513433718	.	29.685719738	3.9239835975
51	airbus	124.69701818	51	109.78499325	110.56964767	10.099990802	4.4654606398
52	airbus	202.27604539	52	59.558781395	.	31.830496872	4.9226883242
53	airbus	89.119687959	52	69.995690643	.	39.550134878	3.5758761135
54	airbus	.	52	72.036625004	.	24.740341243	3.6279838777
55	airbus	.	52	73.761115944	.	9.688307724	3.3585464091
56	airbus	111.18511926	52	74.929003615	.	31.603274066	4.6283872708
57	airbus	201.66902084	52	75.801424413	.	38.404360138	3.1195493137

Obs	distance	speed_ground1	aircraft_make
39	1251.4264528	6962.03	0
40	1485.4400456	7092.99	0
41	1408.5685921	7375.51	0
42	1644.0887292	7729.44	0
43	1394.7117346	8224.60	0
44	562.16591975	3492.79	0
45	749.48028928	3904.26	0
46	1040.6159488	4889.16	0
47	677.58339591	5942.27	0
48	937.681381	6716.19	0
49	1460.4181796	6994.09	0
50	1446.5732349	7834.63	0
51	3054.4124062	12052.74	0
52	650.3277785	3547.25	0
53	1016.6766232	4899.40	0
54	648.02156805	5189.28	0
55	554.16098701	5440.70	0
56	1046.1643877	5614.36	0
57	1051.5697597	5745.86	0

Obs	aircraft	duration	no_pasg	speed_ground	speed_air	height	pitch
58	airbus	192.31269901	52	79.411964275	.	40.213139667	3.7765509583
59	airbus	179.19419379	52	87.937967052	.	18.546478714	3.8740639381
60	airbus	137.15453851	52	89.059591972	.	44.76431669	3.7453441515
61	airbus	.	52	89.577029476	.	35.463228123	3.834651479
62	airbus	113.37605039	52	98.891571993	100.52805637	33.573007382	3.5034607776
63	airbus	145.77939481	52	111.67391785	111.33236229	36.042802888	3.5149833541
64	airbus	92.648121883	53	55.161528539	.	30.167084359	4.472054571
65	airbus	199.92116031	53	58.566400441	.	35.200959218	3.0643097132
66	airbus	105.13901375	53	60.006184622	.	35.912417951	3.923337806
67	airbus	260.50189235	53	63.489000555	.	35.371357104	3.9722083719
68	airbus	199.21802259	53	66.385244236	.	31.974988686	3.5692596506
69	airbus	253.72768469	53	67.726377103	.	28.100904032	4.8166027921
70	airbus	194.02442137	53	72.829467981	.	45.541357116	4.426727957
71	airbus	145.22559464	53	74.364061268	.	27.90797072	3.8372800254
72	airbus	202.10909397	53	76.334805748	.	50.745931362	3.5419962833
73	airbus	203.25433498	53	81.27102299	.	26.163307183	4.1746185951
74	airbus	49.012114646	53	82.707838093	.	27.06233505	4.2487368492
75	airbus	167.38737759	53	85.943555546	.	9.1646259705	3.1601680959
76	airbus	189.84521577	53	86.181330458	.	25.909786696	3.2797747665

Obs	distance	speed_ground1	aircraft_make
58	1216.2675925	6306.26	0
59	1243.0345555	7733.09	0
60	1528.0260504	7931.61	0
61	1390.8995718	8024.04	0
62	2169.6725734	9779.54	0
63	3311.8369585	12471.06	0
64	623.00673298	3042.79	0
65	634.09099305	3430.02	0
66	561.27232211	3600.74	0
67	812.16317052	4030.85	0
68	757.85802237	4407.00	0
69	714.5146546	4586.86	0
70	1115.4140886	5304.13	0
71	853.28081256	5530.01	0
72	1052.6915505	5827.00	0
73	1141.4540114	6604.98	0
74	1312.6682914	6840.59	0
75	1107.6970718	7386.29	0
76	1327.1879085	7427.22	0

Obs	aircraft	duration	no_pasg	speed_ground	speed_air	height	pitch
77	airbus	91.305749532	53	86.356289075	.	27.529003473	3.8625613819
78	airbus	144.82917518	53	88.205923249	.	27.990951956	3.0909603835
79	airbus	91.530958077	53	88.570201337	.	23.792231589	3.6323357322
80	airbus	188.3740487	53	88.896210095	.	22.913916375	4.003595751
81	airbus	186.09732002	53	98.438115538	98.561698537	48.847022619	3.3124052636
82	airbus	148.49500413	53	99.874522521	98.724063607	39.520425649	3.9041206536
83	airbus	126.07843541	54	36.421388861	.	33.799699892	4.8661106393
84	airbus	209.19366153	54	50.812930767	.	38.841316346	4.0338980996
85	airbus	.	54	50.903105868	.	35.729484049	4.5440403076
86	airbus	259.09791674	54	54.953323257	.	30.954303406	4.026187428
87	airbus	236.13989521	54	61.261575207	.	26.568850134	4.3822934229
88	airbus	.	54	67.456935552	.	41.334169856	3.8581993926
89	airbus	153.19968433	54	73.918352619	.	25.508432729	3.7307897043
90	airbus	196.97561802	54	79.152671368	.	13.662179662	3.9400319361
91	airbus	.	54	80.24779883	.	48.426731903	3.289757889
92	airbus	149.69472624	54	80.502186071	.	38.38733031	4.6548987217
93	airbus	.	54	83.071912777	.	37.317578277	3.4734612582
94	airbus	.	54	86.425045711	.	14.748572684	3.5418381552
95	airbus	119.43615232	54	89.776678607	.	28.42870425	3.93559002

Obs	distance	speed_ground1	aircraft_make
77	1381.5602004	7457.41	0
78	1259.1737588	7780.28	0
79	1281.2815452	7844.68	0
80	1418.8042213	7902.54	0
81	2299.952371	9690.06	0
82	2404.7430929	9974.92	0
83	869.03373396	1326.52	0
84	566.92692802	2581.95	0
85	597.98554514	2591.13	0
86	561.44690581	3019.87	0
87	455.51323477	3752.98	0
88	877.06227359	4550.44	0
89	807.34528517	5463.92	0
90	813.23440402	6265.15	0
91	1303.6900358	6439.71	0
92	1153.8920383	6480.60	0
93	1338.6101651	6900.94	0
94	1476.177543	7469.29	0
95	1285.5472568	8059.85	0

Obs	aircraft	duration	no_pasg	speed_ground	speed_air	height	pitch
96	airbus	127.47275856	54	91.010100234	.	29.871116541	4.2252758714
97	airbus	162.71456234	54	98.1873349	96.515044653	29.625193292	3.053515269
98	airbus	201.18798178	54	99.017401284	98.221920891	39.319647422	4.3935253271
99	airbus	170.11617811	54	112.82931519	108.21623948	35.479682491	4.0303041977
100	airbus	143.67595351	55	59.075014054	.	52.378560123	3.6504632942
101	airbus	199.79840009	55	61.712054098	.	34.976545351	4.0805575423
102	airbus	199.49519149	55	64.462028079	.	26.656286235	4.2943903167
103	airbus	.	55	68.751529748	.	48.277120042	4.2626359629
104	airbus	199.36023494	55	71.303053631	.	15.099426338	3.5977434337
105	airbus	305.62171072	55	75.506844221	.	18.82215165	3.4320514587
106	airbus	246.44447346	55	78.544137807	.	32.429085595	4.4905616843
107	airbus	162.31295341	55	78.70704989	.	31.43974554	3.4065347494
108	airbus	164.87691136	55	81.165499033	.	32.277515471	3.5630868963
109	airbus	289.3204932	55	81.69133242	.	12.315795866	3.7213188282
110	airbus	171.43730605	55	86.77431193	.	25.915014895	3.9806762311
111	airbus	178.33695177	55	87.015958489	.	38.194662335	4.355065854
112	airbus	156.95484942	55	87.508005458	.	30.620086067	3.592569656
113	airbus	203.13135186	55	90.261004686	.	42.318923044	3.2745717105
114	airbus	264.59337482	55	102.74650485	102.41247143	38.534020829	4.1697182481

Obs	distance	speed_ground1	aircraft_make
96	1897.822824	8282.84	0
97	1975.1105677	9640.75	0
98	2481.2581248	9804.45	0
99	2808.9911231	12730.45	0
100	817.11573622	3489.86	0
101	643.85634155	3808.38	0
102	767.761571	4155.35	0
103	1079.1170993	4726.77	0
104	455.55546687	5084.13	0
105	748.17078336	5701.28	0
106	972.10646587	6169.18	0
107	1138.9424385	6194.80	0
108	1176.5784616	6587.84	0
109	829.18639204	6673.47	0
110	1188.1643934	7529.78	0
111	1693.4027056	7571.78	0
112	1548.4738738	7657.65	0
113	1446.8557482	8147.05	0
114	2623.6512568	10556.84	0

Obs	aircraft	duration	no_pasg	speed_ground	speed_air	height	pitch
115	airbus	160.39281504	55	103.27582495	105.18709549	54.198540346	3.95212311
116	airbus	163.67500534	55	113.02072769	114.87786043	28.637640363	4.7542107761
117	airbus	128.68794104	56	43.852805379	.	34.114558593	3.3125782438
118	airbus	208.87900668	56	53.888762395	.	23.496668191	4.0000159209
119	airbus	104.60565852	56	57.991058844	.	33.545907029	4.1214769808
120	airbus	269.11386203	56	65.516199038	.	30.805627601	3.2526393538
121	airbus	188.40822529	56	65.938683894	.	32.01528619	4.1378851024
122	airbus	58.180016393	56	68.024349121	.	32.740768082	4.6837341419
123	airbus	137.80294314	56	68.078613026	.	44.680502196	3.9699767937
124	airbus	.	56	73.974086384	.	32.455027763	3.0805850946
125	airbus	211.25416558	56	74.337393872	.	11.516139597	2.7990204762
126	airbus	176.41722404	56	81.224052109	.	28.478307593	4.1902077139
127	airbus	156.96990933	56	82.093109962	.	12.878217378	3.6021593263
128	airbus	228.34100702	56	82.200796247	.	20.836306915	3.768683389
129	airbus	102.95333134	56	84.405488067	.	45.914274226	3.8022156168
130	airbus	166.046929	56	84.914977191	.	38.035678767	3.6712712954
131	airbus	73.803250742	56	85.566870293	.	34.039332978	3.7960932826
132	airbus	198.36833627	56	85.734433148	.	49.272552969	4.4426012633
133	airbus	114.09497787	56	86.05356781	.	28.551075775	3.9805055926

Obs	distance	speed_ground1	aircraft_make
115	2837.0808498	10665.90	0
116	3559.7584816	12773.68	0
117	554.0661689	1923.07	0
118	375.32596789	2904.00	0
119	584.79546667	3362.96	0
120	753.72051878	4292.37	0
121	816.22211434	4347.91	0
122	950.57638894	4627.31	0
123	1083.8311753	4634.70	0
124	769.49665785	5472.17	0
125	485.19472704	5526.05	0
126	1134.8806867	6597.35	0
127	899.58860681	6739.28	0
128	1086.1862424	6756.97	0
129	1495.0519159	7124.29	0
130	1218.7020751	7210.55	0
131	1414.2784595	7321.69	0
132	1712.6251245	7350.39	0
133	1392.42027	7405.22	0

Obs	aircraft	duration	no_pasg	speed_ground	speed_air	height	pitch
134	airbus	.	56	86.528840828	.	40.94901507	3.7270256473
135	airbus	153.02512947	56	88.102624123	.	21.247909524	3.1559405965
136	airbus	170.42197717	56	89.870059308	.	46.858792888	3.650835863
137	airbus	99.019165671	56	91.236709563	.	15.59892741	3.3688761342
138	airbus	205.36417552	56	91.46226196	.	19.369632123	3.3789629781
139	airbus	181.52206258	56	92.13143495	.	20.586568591	4.1758773479
140	airbus	173.64083103	56	93.016459316	.	31.341393328	4.1090340499
141	airbus	85.681924568	56	97.345399878	96.174998729	19.239272302	3.3190577583
142	airbus	223.95233137	56	99.325035899	99.397364536	36.782682861	3.1800709689
143	airbus	122.33506937	56	99.559134938	98.875752472	35.561255493	3.8948676777
144	airbus	157.97520717	56	109.18164733	108.23198533	21.249104902	3.2623478916
145	airbus	134.685641	57	44.126135466	.	27.182379063	3.0128294313
146	airbus	54.218239897	57	63.421362974	.	42.949644516	4.5490103745
147	airbus	139.63978211	57	64.355633516	.	41.315697708	2.6759851316
148	airbus	146.10917656	57	69.55727731	.	34.272245396	4.8779627965
149	airbus	89.075548734	57	74.212201979	.	25.747432194	3.6751924109
150	airbus	114.23485681	57	79.982703338	.	42.244751261	3.785954219
151	airbus	203.4089821	57	80.019391771	.	31.882027194	4.4526464074
152	airbus	171.37069895	57	85.849256878	.	41.867801808	3.5766081513

Obs	distance	speed_ground1	aircraft_make
134	1437.6338566	7487.24	0
135	1296.2242229	7762.07	0
136	1734.3315551	8076.63	0
137	1450.5750216	8324.14	0
138	1658.4610518	8365.35	0
139	1656.0636286	8488.20	0
140	1840.0530488	8652.06	0
141	1790.2391276	9476.13	0
142	2059.5377377	9865.46	0
143	2283.1949451	9912.02	0
144	2810.6957638	11920.63	0
145	417.54307265	1947.12	0
146	700.99462437	4022.27	0
147	714.70839358	4141.65	0
148	854.46558558	4838.21	0
149	852.77611439	5507.45	0
150	1162.404395	6397.23	0
151	1155.989184	6403.10	0
152	1715.5280458	7370.09	0

Obs	aircraft	duration	no_pasg	speed_ground	speed_air	height	pitch
153	airbus	.	57	88.418098446	.	45.02439155	3.7036944046
154	airbus	.	57	88.631154153	.	17.087228104	3.2746103159
155	airbus	220.30836516	57	101.13020479	101.80642908	32.952280102	4.1591918068
156	airbus	92.172840145	58	48.172804507	.	34.757015926	3.9483442548
157	airbus	248.72910776	58	49.46213365	.	16.796177769	3.7616893064
158	airbus	230.32398183	58	55.108631792	.	29.859498104	3.2599541617
159	airbus	189.58108915	58	61.003914242	.	37.350258765	3.2977337571
160	airbus	198.8694626	58	61.127025526	.	22.51924496	3.4452935393
161	airbus	198.42235144	58	64.305146799	.	17.456593278	3.8221946371
162	airbus	58.499894993	58	65.068451437	.	47.581604296	4.2032297629
163	airbus	175.13042298	58	66.943936292	.	40.523836608	3.9217502663
164	airbus	247.52718906	58	68.245466821	.	13.85926085	3.4183202119
165	airbus	.	58	68.956684058	.	24.898696811	3.9874356737
166	airbus	.	58	74.453043324	.	21.221140598	3.4824870511
167	airbus	114.89625409	58	75.882613527	.	46.159876097	5.0373832323
168	airbus	112.07531863	58	76.771834829	.	25.947569997	3.4430247941
169	airbus	188.78452894	58	81.228627166	.	29.024507225	2.671331652
170	airbus	127.07799051	58	83.198056989	.	16.030000255	3.3080804277
171	airbus	176.0848911	58	88.013418879	.	16.69810206	4.0698994981

Obs	distance	speed_ground1	aircraft_make
153	1616.3360538	7817.76	0
154	1117.6839116	7855.48	0
155	2461.9879135	10227.32	0
156	558.36505589	2320.62	0
157	452.13126383	2446.50	0
158	270.83676243	3036.96	0
159	498.76801332	3721.48	0
160	397.54283343	3736.51	0
161	383.90578116	4135.15	0
162	946.46666809	4233.90	0
163	795.71340402	4481.49	0
164	492.75023869	4657.44	0
165	634.67498994	4755.02	0
166	568.92434271	5543.26	0
167	1178.6022137	5758.17	0
168	824.03883822	5893.91	0
169	978.59385588	6598.09	0
170	1022.0840734	6921.92	0
171	1380.2737237	7746.36	0

Obs	aircraft	duration	no_pasg	speed_ground	speed_air	height	pitch
172	airbus	165.19313237	58	89.953914147	.	30.857402547	4.1721894508
173	airbus	190.79170859	58	93.672281401	95.098821771	33.630978811	3.4592153332
174	airbus	93.952926911	58	96.878686347	98.085883143	29.178095121	3.967524021
175	airbus	.	58	101.09983213	101.46762268	42.952395762	4.2257015342
176	airbus	45.502778921	58	107.28766839	105.68511992	21.833564348	3.3998185919
177	airbus	130.31912368	58	110.7670187	112.53178152	50.765799095	3.3848559819
178	airbus	.	58	113.42739675	114.84444904	40.101121967	4.2484282637
179	airbus	117.7405601	59	47.679801523	.	28.606492697	3.7520465798
180	airbus	.	59	52.099814821	.	34.552971375	4.8866300246
181	airbus	104.77906956	59	55.027556032	.	51.781247914	4.4753745447
182	airbus	214.78506113	59	56.285225619	.	19.097947487	3.9151278527
183	airbus	155.022078	59	61.461723888	.	24.818098174	3.8339054779
184	airbus	138.23492748	59	64.813671941	.	14.780336473	4.2209516551
185	airbus	124.14010259	59	66.464640399	.	48.067790297	4.1656597705
186	airbus	180.77123267	59	66.81339481	.	42.714377221	4.1478795361
187	airbus	151.38933879	59	69.475216422	.	24.969280868	3.8187750112
188	airbus	212.55290733	59	70.245110234	.	26.203014089	3.0870919723
189	airbus	156.4574255	59	72.591244009	.	14.082627958	3.7352438518
190	airbus	93.0636244	59	72.926186342	.	22.458637482	4.1646025706

Obs	distance	speed_ground1	aircraft_make
172	1711.6142255	8091.71	0
173	2048.4941733	8774.50	0
174	2008.2207232	9385.48	0
175	2688.9856974	10221.18	0
176	2542.3356261	11510.64	0
177	3437.6566749	12269.33	0
178	3738.6497412	12865.77	0
179	406.08928283	2273.36	0
180	647.48815165	2714.39	0
181	837.96815281	3028.03	0
182	321.51632716	3168.03	0
183	617.03062892	3777.54	0
184	402.93130074	4200.81	0
185	853.86453785	4417.55	0
186	772.63648168	4464.03	0
187	690.51952193	4826.81	0
188	647.05218321	4934.38	0
189	408.97922734	5269.49	0
190	853.03434442	5318.23	0

Obs	aircraft	duration	no_pasg	speed_ground	speed_air	height	pitch
191	airbus	156.18873822	59	76.167385231	.	51.166565601	3.2580851913
192	airbus	205.02778595	59	79.861202227	.	46.335420321	4.6556154991
193	airbus	149.82084277	59	80.203284342	.	27.52090572	3.8292421286
194	airbus	151.20594948	59	81.310155945	.	41.692912972	3.6591016804
195	airbus	196.03011465	59	85.687131792	.	6.2275177523	3.778378927
196	airbus	87.345969963	59	87.926511371	.	28.790896161	4.011354326
197	airbus	176.94101734	59	89.502600721	.	36.175665767	3.3373132547
198	airbus	.	59	89.940169252	.	25.763979474	4.019371775
199	airbus	193.12007702	59	96.196564169	98.116074155	42.307731844	3.6139143714
200	airbus	.	59	105.71955117	105.29075366	25.46813856	4.73824264
201	airbus	98.176296764	60	53.749134607	.	25.54578925	3.7142005991
202	airbus	.	60	53.801672886	.	34.147519961	3.5058165344
203	airbus	228.00061803	60	58.902874412	.	31.57923272	4.247532358
204	airbus	.	60	59.458936191	.	30.767435238	4.1920197594
205	airbus	131.29381605	60	60.030583944	.	36.994580011	4.1632052963
206	airbus	190.76839447	60	74.515777176	.	44.463104189	3.7635014625
207	airbus	107.22690496	60	75.899770193	.	22.058367276	4.2319279347
208	airbus	140.69948077	60	75.939639734	.	16.330513276	4.4329903211
209	airbus	207.95313058	60	76.826789553	.	33.620477576	3.5702552916

Obs	distance	speed_ground1	aircraft_make
191	1198.9391186	5801.47	0
192	1189.8284241	6377.81	0
193	1188.6214247	6432.57	0
194	1519.3190395	6611.34	0
195	976.43368542	7342.28	0
196	1555.4007483	7731.07	0
197	1701.1494522	8010.72	0
198	1497.605083	8089.23	0
199	2330.9880709	9253.78	0
200	2741.4618282	11176.62	0
201	378.82578267	2888.97	0
202	742.80380536	2894.62	0
203	595.03131683	3469.55	0
204	538.3807833	3535.37	0
205	581.81011986	3603.67	0
206	1122.1889389	5552.60	0
207	778.16077498	5760.78	0
208	990.14581436	5766.83	0
209	1181.7354093	5902.36	0

Obs	aircraft	duration	no_pasg	speed_ground	speed_air	height	pitch
210	airbus	210.56817007	60	77.464115725	.	24.066692815	4.8369570565
211	airbus	161.24369046	60	77.831631986	.	45.600473454	4.0316944091
212	airbus	117.44478593	60	77.927433723	.	18.992128882	4.1218602023
213	airbus	179.55603115	60	81.17964479	.	33.227987432	3.9930417239
214	airbus	88.442268547	60	81.339923306	.	19.557890125	3.4329620233
215	airbus	186.19502668	60	82.492749703	.	38.180765115	2.8672552009
216	airbus	147.81402601	60	84.685046724	.	45.643491432	3.6631635685
217	airbus	184.67446394	60	88.800573731	.	20.822805292	4.0876835646
218	airbus	156.3172855	60	88.880244981	.	29.78919442	4.2360745318
219	airbus	182.26711081	60	89.708775052	.	32.738775306	3.3353309955
220	airbus	.	60	91.866333324	.	27.403567281	3.7152876349
221	airbus	168.55748285	60	93.269235943	.	33.652452468	3.3418675584
222	airbus	45.635423091	60	93.793862117	.	42.830935448	4.271324799
223	airbus	127.30609635	60	99.689595816	99.459199839	28.970863899	4.1071025677
224	airbus	141.88878266	60	103.86692593	105.55936652	38.127301967	4.2399183129
225	airbus	112.87149908	60	104.45540038	103.6715358	23.783587114	3.9026553246
226	airbus	192.58242214	60	110.40812301	110.03857243	39.817280966	2.8261841488
227	airbus	131.73109556	60	131.03518222	131.3379485	28.277965541	3.6601936464
228	airbus	100.25307248	61	41.100991383	.	34.563941861	3.490938919

Obs	distance	speed_ground1	aircraft_make
210	1023.1046583	6000.69	0
211	1173.4058776	6057.76	0
212	779.89722901	6072.68	0
213	1159.3467825	6590.13	0
214	1101.5591901	6616.18	0
215	1143.1221818	6805.05	0
216	1454.2976548	7171.56	0
217	1366.4055772	7885.54	0
218	1588.8171307	7899.70	0
219	1479.4334321	8047.66	0
220	1542.8952426	8439.42	0
221	1858.0520538	8699.15	0
222	2003.4386496	8797.29	0
223	2032.7742548	9938.02	0
224	2711.4636167	10788.34	0
225	2488.9984842	10910.93	0
226	2919.5793129	12189.95	0
227	4896.2946083	17170.22	0
228	668.93320023	1689.29	0

Obs	aircraft	duration	no_pasg	speed_ground	speed_air	height	pitch
229	airbus	207.69159848	61	54.542338048	.	19.610845089	3.9730540461
230	airbus	153.43737249	61	54.593475453	.	29.148613678	3.2715631978
231	airbus	180.34832004	61	59.151548819	.	27.880038685	3.2393236004
232	airbus	110.40145065	61	59.530943938	.	33.424855759	3.2326512955
233	airbus	175.53311361	61	65.037084787	.	13.807590435	3.4948549953
234	airbus	117.25925859	61	66.079801141	.	14.565008188	3.7122960454
235	airbus	197.97505745	61	69.865454682	.	31.209203849	4.0750833197
236	airbus	218.87542131	61	70.701596429	.	34.608578408	3.3317046104
237	airbus	195.66108684	61	72.629132783	.	24.362144258	3.6399453721
238	airbus	188.92400256	61	72.880432107	.	49.080433362	3.8962081787
239	airbus	137.85119675	61	76.095669177	.	25.085483607	3.2348739516
240	airbus	215.14222119	61	76.358050779	.	34.755564291	4.6254327939
241	airbus	217.73016541	61	77.054643337	.	28.868081225	3.7764205095
242	airbus	127.22893936	61	79.625978745	.	32.896377007	3.7480779519
243	airbus	122.60221689	61	82.348277697	.	30.263502564	3.83272325
244	airbus	.	61	83.667404333	.	15.021858736	5.5267842132
245	airbus	94.429537667	61	86.419537063	.	25.403277842	4.7193286799
246	airbus	140.49315132	61	92.386358809	.	19.293455316	4.050724597
247	airbus	179.89848728	61	93.177328078	.	37.574963078	4.32476301

Obs	distance	speed_ground1	aircraft_make
229	397.01200564	2974.87	0
230	424.16175773	2980.45	0
231	475.15489957	3498.91	0
232	657.50399554	3543.93	0
233	280.80440304	4229.82	0
234	436.14783447	4366.54	0
235	767.92667699	4881.18	0
236	737.56722749	4998.72	0
237	714.32599432	5274.99	0
238	1133.5518485	5311.56	0
239	691.69135707	5790.55	0
240	1085.8222616	5830.55	0
241	877.32754553	5937.42	0
242	1059.545819	6340.30	0
243	1219.3075837	6781.24	0
244	1550.6995775	7000.23	0
245	1561.029784	7468.34	0
246	1714.8999963	8535.24	0
247	1938.5305461	8682.01	0

Obs	aircraft	duration	no_pasg	speed_ground	speed_air	height	pitch
248	airbus	.	61	98.797757495	101.17577455	25.4439203	4.9106775155
249	airbus	.	61	100.00688904	97.778193537	18.847637969	3.1094499278
250	airbus	140.41823982	61	100.08903805	100.5114311	35.489404508	3.5271737885
251	airbus	194.68890207	61	113.81884043	113.57055032	33.46677406	3.6310323774
252	airbus	220.05712745	61	120.55794402	118.28817977	15.665658061	4.1112652915
253	airbus	175.6902467	62	56.58802737	.	48.835248392	4.0231513901
254	airbus	94.595394045	62	63.618755012	.	31.619173639	3.6040687475
255	airbus	111.87790418	62	68.193847243	.	31.787292733	4.3582512208
256	airbus	94.490636016	62	69.283901134	.	32.274716305	4.1201658944
257	airbus	162.52084082	62	74.91630489	.	14.399868335	3.1129303364
258	airbus	273.59111286	62	76.185916842	.	19.269834574	4.102909108
259	airbus	.	62	77.729568204	.	12.353622855	4.4082857766
260	airbus	183.13132725	62	81.250209109	.	29.005215492	4.029149785
261	airbus	127.80752316	62	81.759884177	.	38.956886389	4.4503570367
262	airbus	103.47744973	62	85.02644786	.	11.716588101	3.8585210867
263	airbus	128.58715752	62	86.239504411	.	10.753780476	4.1132082314
264	airbus	130.90225189	62	87.06464491	.	36.293850563	3.8649213221
265	airbus	117.97268767	62	88.11053105	.	28.395271449	3.8373781497
266	airbus	191.36156326	62	88.394240467	.	28.348755793	4.3624777487

Obs	distance	speed_ground1	aircraft_make
248	2407.7887178	9761.00	0
249	1835.3799986	10001.38	0
250	2369.0840379	10017.82	0
251	3296.3649527	12954.73	0
252	3499.7335809	14534.22	0
253	840.85570823	3202.20	0
254	574.17385128	4047.35	0
255	709.55964462	4650.40	0
256	836.48963413	4800.26	0
257	433.66000569	5612.45	0
258	789.14106847	5804.29	0
259	821.01947272	6041.89	0
260	1193.0813841	6601.60	0
261	1526.7508855	6684.68	0
262	1287.763774	7229.50	0
263	1158.5891786	7437.25	0
264	1606.312266	7580.25	0
265	1539.7613606	7763.47	0
266	1465.2593262	7813.54	0

Obs	aircraft	duration	no_pasg	speed_ground	speed_air	height	pitch
267	airbus	58.973877842	62	88.66267132	.	16.224468166	2.8296991893
268	airbus	173.36642408	62	92.304552545	.	19.239238533	3.3970755665
269	airbus	164.83945355	62	93.399403705	95.570546707	25.82690612	3.1034419623
270	airbus	95.847324908	62	96.922695596	99.836951088	21.418855429	3.8448922111
271	airbus	149.33130581	62	98.727521174	98.147932276	16.09713944	4.3182462482
272	airbus	110.58281561	62	99.691905653	97.490785232	24.088742996	3.8724027831
273	airbus	161.23109432	62	100.63019337	100.87746159	20.288654665	2.8616402098
274	airbus	123.07246298	62	106.07949219	105.31302869	32.780367217	3.3629035953
275	airbus	158.53503015	62	118.51897858	117.65423338	25.785069143	3.5236553234
276	airbus	42.146226159	63	46.264718501	.	20.490711515	3.4819121545
277	airbus	212.05403613	63	51.587044527	.	20.451285811	3.063686215
278	airbus	50.051166433	63	55.959266842	.	39.208149657	3.7037746143
279	airbus	156.10258603	63	67.876504543	.	31.007159707	3.8732780529
280	airbus	231.88117414	63	68.897746638	.	31.850023041	3.8115226275
281	airbus	104.6341753	63	69.083940765	.	28.397461881	4.1725671613
282	airbus	137.80766769	63	69.123116925	.	31.151681226	4.0563936902
283	airbus	81.884786871	63	70.803896284	.	36.422431065	3.6065243406
284	airbus	184.5313225	63	71.21070304	.	20.941129037	3.6300802089
285	airbus	256.15695287	63	73.143910488	.	37.064138292	4.6485208655

Obs	distance	speed_ground1	aircraft_make
267	1359.840654	7861.07	0
268	1451.3961532	8520.13	0
269	1868.1652411	8723.45	0
270	2093.9965956	9394.01	0
271	1885.7456024	9747.12	0
272	1783.8129154	9938.48	0
273	1990.8532282	10126.44	0
274	2493.1981649	11252.86	0
275	3469.1467667	14046.75	0
276	383.55849778	2140.42	0
277	133.08690985	2661.22	0
278	833.57494765	3131.44	0
279	637.64811557	4607.22	0
280	764.03994751	4746.90	0
281	812.31993404	4772.59	0
282	825.11172234	4778.01	0
283	816.95898301	5013.19	0
284	615.76123718	5070.96	0
285	1242.8400471	5350.03	0

Obs	aircraft	duration	no_pasg	speed_ground	speed_air	height	pitch
286	airbus	118.57607182	63	75.368171615	.	31.340776135	3.5580199527
287	airbus	61.206765842	63	76.03590209	.	27.951556914	3.7980803334
288	airbus	200.62136624	63	77.148459304	.	23.602422529	3.020177825
289	airbus	87.89550164	63	77.219309676	.	27.549527616	4.0913662087
290	airbus	180.37016335	63	81.060890918	.	24.403675717	3.5144284379
291	airbus	89.279301967	63	82.738890437	.	34.431394168	4.2458381335
292	airbus	213.6404677	63	84.914206697	.	36.431090015	4.1769917214
293	airbus	141.96833358	63	85.849362338	.	46.468182053	3.4015527555
294	airbus	106.29254173	63	92.807826757	.	31.324910026	3.4806892337
295	airbus	208.1607048	63	93.508028321	.	36.979298044	3.9378846853
296	airbus	139.57506186	63	95.678142486	.	31.647087969	3.6392855138
297	airbus	99.148062915	63	97.096913917	96.913737767	33.144245658	3.5162975656
298	airbus	130.85088326	63	97.379504716	96.729593787	22.499125622	3.8106767874
299	airbus	177.25964923	63	98.593618452	97.483929892	22.1261515	3.4315594368
300	airbus	199.33501381	63	106.32542252	105.11006821	42.972776316	3.62633033
301	airbus	123.18315223	63	106.92922516	106.7602536	26.927859592	3.2035138242
302	airbus	192.28287317	64	33.574104065	.	36.970689868	4.3584643374
303	airbus	60.533644154	64	52.984126923	.	23.865002573	4.3227383141
304	airbus	128.37336566	64	55.461625107	.	14.65127605	3.9792117538

Obs	distance	speed_ground1	aircraft_make
286	960.25559642	5680.36	0
287	1296.7672543	5781.46	0
288	899.43055864	5951.88	0
289	1076.2259181	5962.82	0
290	1075.1490733	6570.87	0
291	1511.4644415	6845.72	0
292	1829.1616467	7210.42	0
293	1492.6717204	7370.11	0
294	1477.8598122	8613.29	0
295	1786.8758779	8743.75	0
296	1819.5924417	9154.31	0
297	2060.1694249	9427.81	0
298	2092.8564123	9482.77	0
299	1899.7084278	9720.70	0
300	2762.4760516	11305.10	0
301	2770.4296167	11433.86	0
302	782.7174172	1127.22	0
303	487.46866562	2807.32	0
304	180.56522534	3075.99	0

Obs	aircraft	duration	no_pasg	speed_ground	speed_air	height	pitch
305	airbus	163.2311892	64	56.318804267	.	28.374443959	3.2621400251
306	airbus	.	64	59.41387612	.	43.968696323	2.6689056845
307	airbus	133.50735327	64	60.184574838	.	31.105525387	4.2692052208
308	airbus	124.91058524	64	65.764001182	.	36.571837554	3.2368359937
309	airbus	122.73194165	64	67.915050929	.	34.477029282	3.9226490939
310	airbus	149.83829777	64	70.225958233	.	18.128489249	4.3761025513
311	airbus	302.96712319	64	70.227253273	.	37.418397026	3.249907311
312	airbus	.	64	72.646992664	.	28.919946606	4.0969277745
313	airbus	183.35334567	64	78.910594798	.	25.517741657	4.4930816443
314	airbus	121.12762217	64	81.327805718	.	39.359263554	4.5092846346
315	airbus	207.10845238	64	83.001262933	.	19.737765051	4.4728465723
316	airbus	148.44727207	64	84.34088335	.	11.671763822	3.3398414652
317	airbus	207.17299231	64	85.506898711	.	21.388842147	3.8142716977
318	airbus	155.98658138	64	86.025136467	.	41.656116852	3.7216443692
319	airbus	.	64	89.484021106	.	23.529869193	4.8568314412
320	airbus	68.155949889	64	91.949607531	.	27.805329017	3.8092130805
321	airbus	79.343951801	64	92.534347718	.	22.228410408	3.5995757116
322	airbus	161.09215447	64	94.526255342	.	49.239984741	4.5063742177
323	airbus	109.91358442	64	95.802818747	.	21.549527519	3.4941462523

Obs	distance	speed_ground1	aircraft_make
305	479.57538743	3171.81	0
306	626.23203528	3530.01	0
307	512.84297813	3622.18	0
308	606.02998005	4324.90	0
309	776.2641861	4612.45	0
310	626.82012635	4931.69	0
311	847.92908008	4931.87	0
312	941.34009552	5277.59	0
313	870.0946567	6226.88	0
314	1419.8524601	6614.21	0
315	1116.5588173	6889.21	0
316	1085.4841354	7113.38	0
317	1304.9028833	7311.43	0
318	1598.20407	7400.32	0
319	1643.1016906	8007.39	0
320	1878.7641823	8454.73	0
321	1816.9775926	8562.61	0
322	2134.1932905	8935.21	0
323	1711.4941746	9178.18	0

Obs	aircraft	duration	no_pasg	speed_ground	speed_air	height	pitch
324	airbus	108.72206895	64	99.817383459	100.30989703	16.215280593	4.314091631
325	airbus	157.57858379	64	101.37496522	101.35383408	21.405235851	3.2399654772
326	airbus	169.74937522	65	43.923555127	.	43.050770801	3.365143744
327	airbus	.	65	59.204403387	.	29.594010453	2.885684557
328	airbus	98.992616536	65	66.226605716	.	31.51566151	4.2386850823
329	airbus	111.21465285	65	68.363998888	.	47.389318473	3.3134152585
330	airbus	188.91188031	65	71.642793788	.	27.367955169	3.3622425298
331	airbus	146.46668879	65	72.047967859	.	33.336746044	3.9285188111
332	airbus	274.21773493	65	84.136858635	.	28.401059676	3.593594411
333	airbus	.	65	84.4239765	.	33.537263808	3.6276629705
334	airbus	144.82275142	65	92.587111717	.	20.58854013	3.1980327283
335	airbus	173.77141498	65	94.741799868	95.28744661	38.731918151	3.1587029959
336	airbus	184.61819262	65	95.6169719	95.011364567	23.278395414	4.5655511197
337	airbus	71.569545479	65	95.782272414	96.312881608	27.686330444	3.4171401102
338	airbus	154.23622614	65	102.87894145	100.66930601	24.347516208	2.9357567095
339	airbus	121.91996388	65	108.14498347	106.7040008	21.444463325	3.3553673082
340	airbus	214.72721394	65	114.64796613	114.16251635	35.640281516	3.800254855
341	airbus	191.31092943	66	44.258483846	.	49.28774347	3.6971400614
342	airbus	142.5876457	66	51.158228388	.	8.559069177	3.9134477851

Obs	distance	speed_ground1	aircraft_make
324	2080.219501	9963.51	0
325	2028.9675819	10276.88	0
326	735.82341111	1929.28	0
327	555.76173679	3505.16	0
328	587.1886723	4385.96	0
329	969.5455753	4673.64	0
330	642.45461873	5132.69	0
331	739.73734536	5190.91	0
332	944.66620396	7079.01	0
333	1204.6697378	7127.41	0
334	1710.3486626	8572.37	0
335	1882.9412491	8976.01	0
336	1763.7710753	9142.61	0
337	1740.9018894	9174.24	0
338	2119.3135955	10584.08	0
339	2435.824509	11695.34	0
340	3541.5777554	13144.16	0
341	901.40670443	1958.81	0
342	242.59588646	2617.16	0

Obs	aircraft	duration	no_pasg	speed_ground	speed_air	height	pitch
343	airbus	182.44776305	66	52.70784152	.	24.302641153	4.1859666088
344	airbus	106.37363508	66	53.372409811	.	51.00335315	2.8275572524
345	airbus	179.99562817	66	57.243835228	.	35.325529113	3.0665057372
346	airbus	.	66	62.006182569	.	36.596917427	3.7081461182
347	airbus	149.20859096	66	63.817889502	.	11.238021337	3.6038718062
348	airbus	142.46940356	66	63.918959665	.	30.153465712	3.0650903012
349	airbus	113.38609082	66	64.35053655	.	28.293858818	4.3976129015
350	airbus	143.52069259	66	78.580289917	.	33.75012614	2.2844801423
351	airbus	.	66	81.975974355	.	18.261403443	3.8934084614
352	airbus	.	66	83.134231231	.	26.318128781	3.4396450566
353	airbus	119.1088102	66	93.918984258	.	11.198044368	4.2638480897
354	airbus	217.12308376	66	94.81425838	97.631341718	33.058365517	3.8235547791
355	airbus	191.42501689	66	98.263990989	99.960634468	45.148966751	4.3938999096
356	airbus	247.49599004	66	100.75477196	100.83679396	19.028711072	3.1679780428
357	airbus	77.464034164	66	103.31638732	98.129928636	20.116603599	4.3338350768
358	airbus	98.500307809	66	123.31053074	124.39076754	22.327175815	4.2767104875
359	airbus	137.58572784	66	126.24430054	127.93710766	35.175701305	2.7019236952
360	airbus	203.38738009	67	60.560085102	.	29.772632177	3.7461562294
361	airbus	80.477362793	67	60.789195406	.	33.797453043	3.7235699727

Obs	distance	speed_ground1	aircraft_make
343	317.81268659	2778.12	0
344	538.97414789	2848.61	0
345	383.57772124	3276.86	0
346	742.19173933	3844.77	0
347	370.47074159	4072.72	0
348	428.99182821	4085.63	0
349	537.85612445	4140.99	0
350	1011.337258	6174.86	0
351	1104.1815906	6720.06	0
352	1093.9088123	6911.30	0
353	1504.7458855	8820.78	0
354	2017.6011486	8989.74	0
355	2640.3788446	9655.81	0
356	2123.1470877	10151.52	0
357	2167.2727688	10674.28	0
358	4295.9006131	15205.49	0
359	4795.6357056	15937.62	0
360	698.89504068	3667.52	0
361	563.10266864	3695.33	0

Obs	aircraft	duration	no_pasg	speed_ground	speed_air	height	pitch
362	airbus	157.93753687	67	61.153699477	.	34.590458026	4.5923499389
363	airbus	152.55802286	67	75.56452452	.	48.517402547	3.5055706483
364	airbus	248.09939047	67	83.35184482	.	39.979702294	4.0038857407
365	airbus	109.544489	67	85.056320943	.	28.1756833	3.7633150125
366	airbus	150.03039205	67	87.571644271	.	17.538249231	3.022594749
367	airbus	168.63938031	67	88.522770061	.	36.185138884	3.8278902051
368	airbus	177.21763924	67	90.672604544	.	30.354887662	3.713248994
369	airbus	224.05188771	67	96.439482423	.	29.385842916	3.4550924019
370	airbus	149.36036239	67	98.02641239	99.421688766	40.993052838	4.7268210237
371	airbus	145.1702721	67	109.61058292	107.31454298	27.894764076	4.2154127887
372	airbus	147.71752673	67	114.84660812	113.17086267	58.227799736	3.6727589287
373	airbus	261.38701422	68	57.08470944	.	15.761691561	3.8049960732
374	airbus	119.63145772	68	66.361535504	.	34.624978263	4.024319476
375	airbus	176.45413738	68	67.759351477	.	44.616542275	3.7843972782
376	airbus	129.67260359	68	67.955731399	.	14.717433562	4.3023776071
377	airbus	.	68	70.707712535	.	44.063655273	3.4282165895
378	airbus	139.94194516	68	73.282728337	.	25.983547876	3.6736862744
379	airbus	112.82402756	68	73.967306258	.	20.109303351	4.3437927734
380	airbus	217.83662289	68	77.667039183	.	35.216988432	3.1762084946

Obs	distance	speed_ground1	aircraft_make
362	867.00783196	3739.77	0
363	978.87284361	5710.00	0
364	1083.1791276	6947.53	0
365	1553.5002911	7234.58	0
366	1219.6239018	7668.79	0
367	1574.1956723	7836.28	0
368	1638.1159898	8221.52	0
369	1728.491126	9300.57	0
370	2440.381218	9609.18	0
371	2781.7263302	12014.48	0
372	3665.8038693	13189.74	0
373	350.60240534	3258.66	0
374	883.59894001	4403.85	0
375	786.13954854	4591.33	0
376	436.67877934	4617.98	0
377	1004.1678423	4999.58	0
378	805.09674217	5370.36	0
379	755.78531005	5471.16	0
380	1070.815564	6032.17	0

Obs	aircraft	duration	no_pasg	speed_ground	speed_air	height	pitch
381	airbus	193.7999709	68	84.980483844	.	27.986606395	4.4952937942
382	airbus	194.99198538	68	91.15047186	.	15.378493757	3.5127744454
383	airbus	234.44331062	68	92.644631919	.	43.077414069	3.8622136718
384	airbus	122.73330136	68	94.351548777	97.566738197	45.457865547	4.211725648
385	airbus	.	68	99.590180051	97.60461733	42.895159857	3.6363220884
386	airbus	151.67842212	68	100.64166822	102.11014774	32.97737358	4.483191608
387	airbus	239.99221823	68	104.1958642	104.96261104	27.317381381	3.8378238036
388	airbus	183.61849925	69	53.539242523	.	31.739422907	3.5237749131
389	airbus	199.43713308	69	58.10907688	.	24.20102213	3.6341657268
390	airbus	216.55809748	69	59.851661953	.	28.24462139	3.4294862595
391	airbus	.	69	61.534975798	.	54.27604275	4.2536409251
392	airbus	157.87421465	69	63.311560067	.	41.290286144	4.0134365838
393	airbus	.	69	66.20583878	.	22.779396611	2.9984599553
394	airbus	150.55059412	69	67.817422299	.	41.12151685	4.20268539
395	airbus	.	69	68.729076653	.	28.504682353	3.6682908219
396	airbus	62.305584888	69	74.463003493	.	28.601781361	3.6786637331
397	airbus	204.5643728	69	76.614822894	.	11.472293317	3.2632435552
398	airbus	.	69	81.18518654	.	27.687387698	3.3522936228
399	airbus	177.19166302	69	92.808986814	.	29.646414652	4.1643874773

Obs	distance	speed_ground1	aircraft_make
381	1522.9603513	7221.68	0
382	1445.1634341	8308.41	0
383	1860.8023	8583.03	0
384	2376.8009789	8902.21	0
385	2027.0504154	9918.20	0
386	2454.2031721	10128.75	0
387	2606.2495663	10856.78	0
388	349.15851648	2866.45	0
389	418.01946274	3376.66	0
390	758.98725696	3582.22	0
391	880.39785042	3786.55	0
392	698.48281232	4008.35	0
393	499.18883384	4383.21	0
394	925.67840608	4599.20	0
395	669.51178213	4723.69	0
396	1083.7317457	5544.74	0
397	636.74137583	5869.83	0
398	992.4270648	6591.03	0
399	1960.4768127	8613.51	0

Obs	aircraft	duration	no_pasg	speed_ground	speed_air	height	pitch
400	airbus	182.6455026	69	105.88724848	107.52803809	35.286188926	3.3899871506
401	airbus	115.38287235	70	56.843390553	.	41.061980861	3.503821944
402	airbus	184.34738048	70	73.009444126	.	31.024318401	3.9901546936
403	airbus	187.5293351	70	74.599009876	.	17.904767708	4.6306135193
404	airbus	142.06310851	70	74.891135811	.	32.800413715	3.0168055842
405	airbus	147.2498181	70	87.997429897	.	34.080792061	4.401251822
406	airbus	88.527549113	70	89.169632879	.	19.839149264	4.00675958
407	airbus	132.14387992	70	90.181873333	.	23.844478547	4.2333301803
408	airbus	116.60449798	70	94.024301167	.	24.367356175	3.6647567985
409	airbus	249.89360363	70	99.069709651	98.871419862	36.195843364	4.491129194
410	airbus	.	70	100.9894669	102.46163794	19.703120709	4.3621150325
411	airbus	110.83592704	71	78.043273673	.	29.508907455	4.5824512999
412	airbus	83.53692353	71	78.511819946	.	18.34178955	3.5732799299
413	airbus	65.127179167	71	78.518973911	.	22.217104176	3.967321438
414	airbus	199.57946105	71	81.55425377	.	30.047990166	3.838942736
415	airbus	167.25061728	71	82.951178677	.	53.438618095	4.034663926
416	airbus	182.74887203	71	84.333339769	.	28.932963149	2.9914135514
417	airbus	190.8336252	71	93.79901336	.	45.784826363	3.9702077249
418	airbus	55.919444349	71	98.673302234	98.938700942	40.214749419	3.879809029

Obs	distance	speed_ground1	aircraft_make
400	2948.809709	11212.11	0
401	754.78284838	3231.17	0
402	884.34821909	5330.38	0
403	892.98397432	5565.01	0
404	811.32244384	5608.68	0
405	1467.7002939	7743.55	0
406	1315.9735963	7951.22	0
407	1539.6855207	8132.77	0
408	1610.4152961	8840.57	0
409	2268.7826989	9814.81	0
410	2348.6175889	10198.87	0
411	1122.2836189	6090.75	0
412	785.96436759	6164.11	0
413	1085.6066343	6165.23	0
414	1264.9324287	6651.10	0
415	1484.9603318	6880.90	0
416	1190.0228225	7112.11	0
417	2143.274116	8798.25	0
418	2189.9957286	9736.42	0

Obs	aircraft	duration	no_pasg	speed_ground	speed_air	height	pitch
419	airbus	199.50282008	72	58.512146812	.	38.590930739	3.5470466288
420	airbus	156.43617624	72	81.747186874	.	36.077106783	3.7321213369
421	airbus	156.01335532	72	96.413153673	96.126965377	20.472816347	4.3048320152
422	airbus	.	73	63.070170569	.	48.868703509	3.7846317788
423	airbus	241.45247872	73	77.967591306	.	28.975526488	3.5296739196
424	airbus	98.769254269	73	91.268557287	.	37.505115494	3.8389510815
425	airbus	149.61801294	73	91.580940675	.	30.855544327	3.2691048765
426	airbus	207.39498223	73	104.70010613	107.78665842	9.6972160002	3.1724565811
427	airbus	250.58170358	74	73.197580615	.	45.397326099	3.8514883195
428	airbus	160.31996258	74	77.64145513	.	27.197062658	4.6999622915
429	airbus	.	74	79.443488142	.	37.19716518	3.9370030837
430	airbus	162.96469442	74	79.659629494	.	31.448253109	3.8075017695
431	airbus	162.78754971	74	95.509000539	.	37.350306237	3.8995015135
432	airbus	165.49898233	75	56.981643421	.	40.385317066	4.3309997744
433	airbus	119.51313707	75	82.099356333	.	39.809531294	2.779053526
434	airbus	164.62294861	75	86.603008862	.	27.66435906	4.5796739341
435	airbus	140.45311445	75	120.41894805	118.48470398	31.263445532	2.7967314066
436	airbus	182.88208717	76	66.331552053	.	30.280571581	3.4677718628
437	airbus	130.37394533	76	72.344900099	.	32.485759069	4.2856179096

Obs	distance	speed_ground1	aircraft_make
419	432.73222589	3423.67	0
420	1125.9695372	6682.60	0
421	1816.5941449	9295.50	0
422	842.85423856	3977.85	0
423	1000.5871657	6078.95	0
424	1818.9575804	8329.95	0
425	1457.0479014	8387.07	0
426	2340.5827973	10962.11	0
427	1013.301747	5357.89	0
428	863.79800854	6028.20	0
429	792.98641747	6311.27	0
430	1092.8748503	6345.66	0
431	1685.3805567	9121.97	0
432	762.73376986	3246.91	0
433	1186.6764296	6740.30	0
434	1366.3827454	7500.08	0
435	3470.5838289	14500.72	0
436	616.14738739	4399.87	0
437	839.24564287	5233.78	0

Obs	aircraft	duration	no_pasg	speed_ground	speed_air	height	pitch
438	airbus	91.651572269	76	89.539601126	.	47.598805099	4.2983233337
439	airbus	190.7394255	77	47.882117055	.	14.835964361	2.7322842836
440	airbus	106.81927691	77	63.222207811	.	34.759322047	3.915841151
441	airbus	206.55378907	77	76.457173777	.	31.918146708	3.8023203942
442	airbus	132.46942492	80	100.01055305	100.891677	41.033010684	4.2975016214
443	airbus	96.765375204	82	90.744313306	.	33.024489327	3.545556835
444	airbus	185.4025176	87	92.12527293	.	45.093607704	3.4182713652
445	boeing	159.22116836	29	62.699670618	.	27.145647213	3.6351738156
446	boeing	163.96367943	42	78.282488619	.	15.730271196	4.0579920873
447	boeing	155.00792518	43	92.130909422	93.675816291	35.186988882	3.6908539437
448	boeing	206.06572604	44	61.847975974	.	26.939627352	3.9372737398
449	boeing	177.26527713	44	70.014674739	.	22.164163332	5.0506430012
450	boeing	124.94457133	44	72.546668651	.	42.859879536	4.028501716
451	boeing	83.515006172	44	95.068731567	96.084198669	17.376660338	3.2011486815
452	boeing	148.01383881	45	85.30664108	.	33.592811671	3.8580195191
453	boeing	142.15534911	46	39.769294325	.	39.655921061	4.5992872267
454	boeing	212.29018	46	89.533713205	90.626181428	35.494742904	4.0010380484
455	boeing	260.03401677	46	91.656696218	93.054834352	44.601461257	3.6923081945
456	boeing	189.6629425	46	105.68599131	107.65427149	36.485676065	3.5484269617

Obs	distance	speed_ground1	aircraft_make
438	1862.5550085	8017.34	0
439	41.722312733	2292.70	0
440	656.18695658	3997.05	0
441	877.018871	5845.70	0
442	2554.8330623	10002.11	0
443	1811.98402	8234.53	0
444	1826.8010013	8487.07	0
445	1016.9505364	3931.25	1
446	1328.9854598	6128.15	1
447	2370.007204	8488.10	1
448	896.58091126	3825.17	1
449	944.2389353	4902.05	1
450	1321.1606709	5263.02	1
451	2183.7983628	9038.06	1
452	1683.3057381	7277.22	1
453	1030.457488	1581.60	1
454	2148.1079287	8016.29	1
455	2482.6563138	8400.95	1
456	3447.3615042	11169.53	1

Obs	aircraft	duration	no_pasg	speed_ground	speed_air	height	pitch
457	boeing	147.75443364	46	110.14590326	110.60412114	25.817052927	4.7258496052
458	boeing	150.39249011	46	112.10343544	111.43506922	19.7157721	4.5043931104
459	boeing	171.20478082	47	44.640038638	.	35.051784806	3.9109809065
460	boeing	228.96326107	47	59.439028553	.	8.7268654925	4.0336203157
461	boeing	99.102933856	47	73.85437083	.	18.779687337	4.9150242402
462	boeing	146.38562216	47	90.354274819	.	14.114268518	4.0402550027
463	boeing	156.80568995	47	95.322576422	94.215160768	30.270100189	3.6451345759
464	boeing	211.88872874	48	43.174799431	.	34.918422109	4.025280804
465	boeing	146.19877423	48	55.427606198	.	21.785707448	4.7511947442
466	boeing	137.72738084	48	57.901337428	.	30.587319813	3.5353349684
467	boeing	209.67206752	48	76.515741847	.	41.40728351	4.1932644003
468	boeing	56.55062968	48	84.551886154	.	26.393957229	4.8816392442
469	boeing	174.60689592	48	100.27342608	98.716047714	25.320301802	4.1610579048
470	boeing	166.10453073	48	116.59249189	118.0114174	13.26323991	3.1339588754
471	boeing	117.02007338	49	54.729138547	.	26.061626528	4.4497617336
472	boeing	162.45273186	49	57.65125066	.	30.305425419	3.9341591214
473	boeing	177.62133285	49	65.570869498	.	8.8251728965	3.6673684977
474	boeing	97.76437201	49	66.192530367	.	47.715701656	3.6191908432
475	boeing	186.68141397	49	66.417230464	.	44.692695788	4.1135438115

Obs	distance	speed_ground1	aircraft_make
457	3435.3918022	12132.12	1
458	3479.1328084	12567.18	1
459	993.18386593	1992.73	1
460	653.61609083	3533.00	1
461	1352.959628	5454.47	1
462	1593.0611271	8163.89	1
463	2233.0489624	9086.39	1
464	1057.1531205	1864.06	1
465	777.33787486	3072.22	1
466	831.09478796	3352.56	1
467	1398.2397027	5854.66	1
468	1531.6355717	7149.02	1
469	2503.7000627	10054.76	1
470	4129.0422604	13593.81	1
471	800.13464832	2995.28	1
472	981.8893648	3323.67	1
473	839.26516938	4299.54	1
474	1595.1338347	4381.45	1
475	1176.0276765	4411.25	1

Obs	aircraft	duration	no_pasg	speed_ground	speed_air	height	pitch
476	boeing	161.10734359	49	80.130144171	.	31.190275265	4.8073484416
477	boeing	213.98450886	49	80.394057703	.	16.962413199	4.0980200281
478	boeing	126.94651352	49	84.588609025	.	37.080439428	3.3443854922
479	boeing	92.450287837	49	101.5435039	101.84980019	18.169394071	4.8226833856
480	boeing	114.76272432	49	107.13151958	107.51990264	25.200025499	4.6795028112
481	boeing	71.877046469	50	40.676738571	.	39.550442157	4.1852995438
482	boeing	73.127692927	50	46.541887353	.	14.603086808	4.0817709211
483	boeing	131.52086125	50	48.325200825	.	29.337217117	3.6212473892
484	boeing	136.64928054	50	61.202449961	.	28.405156035	3.9999589106
485	boeing	193.51036702	50	63.262519	.	32.108376382	3.9039030111
486	boeing	194.84869379	50	64.458041102	.	34.548124805	4.6054192743
487	boeing	183.07118278	50	83.268372214	.	26.899228747	4.6010647985
488	boeing	149.46417091	50	85.626544184	.	32.542946798	3.718828622
489	boeing	93.781362732	51	42.61322981	.	37.945696039	4.6342702819
490	boeing	217.50312565	51	53.691922053	.	19.911567238	3.1126360731
491	boeing	96.71237774	51	56.645400488	.	26.53804471	4.2228939729
492	boeing	211.17454032	51	65.104876757	.	27.033533644	4.4171773513
493	boeing	178.71333071	51	70.480194088	.	7.5824945838	4.8167893156
494	boeing	84.368450612	51	75.116022418	.	34.879568015	3.9307575129

Obs	distance	speed_ground1	aircraft_make
476	1361.9103755	6420.84	1
477	1531.2870582	6463.20	1
478	1814.7887866	7155.23	1
479	2573.0532475	10311.08	1
480	3011.3797378	11477.16	1
481	974.57210835	1654.60	1
482	731.2032589	2166.15	1
483	967.46412609	2335.33	1
484	1123.4040619	3745.74	1
485	1100.3514245	4002.15	1
486	962.79014726	4154.84	1
487	1479.8423079	6933.62	1
488	2046.0738518	7331.91	1
489	1122.0329633	1815.89	1
490	984.42773287	2882.82	1
491	1048.6182004	3208.70	1
492	980.45281693	4238.64	1
493	822.2286414	4967.46	1
494	1270.3031785	5642.42	1

Obs	aircraft	duration	no_pasg	speed_ground	speed_air	height	pitch
495	boeing	183.38305244	51	83.56114456	.	42.053935847	3.686819564
496	boeing	129.92837141	51	84.349981219	.	23.855175656	4.6183945357
497	boeing	193.99574238	51	84.840923885	.	23.302265488	4.9566399591
498	boeing	136.32776148	52	38.259020081	.	28.338283561	3.9376315891
499	boeing	222.70208536	52	39.725711308	.	33.265348033	4.4522817052
500	boeing	71.573834716	52	46.965489789	.	48.836222177	3.7268981671
501	boeing	247.98401016	52	62.90034686	.	42.127629148	4.8356172109
502	boeing	198.37390585	52	69.097979803	.	35.271396162	3.7346212547
503	boeing	206.9495941	52	69.382166673	.	24.740341243	4.0279838777
504	boeing	130.41743052	52	71.681487926	.	9.688307724	3.7585464091
505	boeing	133.76501239	52	80.419749959	.	11.974067057	4.2529531989
506	boeing	196.46411848	52	81.533090888	.	22.411979234	3.702074231
507	boeing	201.8908613	52	81.552420657	.	25.600201778	4.1334046688
508	boeing	95.297732211	52	92.769372634	91.072495358	35.463228123	4.234651479
509	boeing	121.93411774	52	99.853089005	100.66155809	17.884147663	4.6385660147
510	boeing	195.28768108	52	111.12792844	109.8216216	28.883346002	4.766634547
511	boeing	130.46356358	52	116.71343434	117.65649967	36.195527446	3.8943524297
512	boeing	277.17600519	52	119.65393667	120.19232219	25.182762649	4.9342407496
513	boeing	63.32952055	52	132.78467664	132.9114649	18.177030219	4.1106642414

Obs	distance	speed_ground1	aircraft_make
495	1826.7638815	6982.46	1
496	1671.1264651	7114.92	1
497	1769.7810202	7197.98	1
498	981.14796314	1463.75	1
499	1037.914549	1578.13	1
500	1136.0148411	2205.76	1
501	1021.992946	3956.45	1
502	1111.7933647	4774.53	1
503	1005.1180491	4813.89	1
504	975.34125596	5138.24	1
505	1200.935888	6467.34	1
506	1587.3880099	6647.64	1
507	1646.6971512	6650.80	1
508	1960.400037	8606.16	1
509	2478.60892	9970.64	1
510	3439.7254669	12349.42	1
511	4240.0941825	13622.03	1
512	4292.1675118	14317.06	1
513	5343.2009539	17631.77	1

Obs	aircraft	duration	no_pasg	speed_ground	speed_air	height	pitch
514	boeing	163.73992283	53	44.394275805	.	37.763521555	3.8154730289
515	boeing	146.54974486	53	58.288973718	.	27.968682076	4.3118895338
516	boeing	105.9719547	53	64.193536196	.	30.29964051	3.8127964757
517	boeing	153.65742555	53	79.413854562	.	14.4479785	3.2463483541
518	boeing	146.34521506	53	84.943445968	.	24.874630657	3.8893269176
519	boeing	287.00251573	53	91.399926159	93.343173573	26.329234721	4.6584345975
520	boeing	112.90009528	53	98.180410862	99.135830727	28.152991316	3.9874712191
521	boeing	190.94950044	53	100.58974916	98.339305566	18.835040835	4.4880834024
522	boeing	98.4790912	53	107.91568005	109.32837648	27.418924252	4.0435145715
523	boeing	179.98183168	54	41.204141157	.	35.729484049	4.9440403076
524	boeing	137.92287323	54	47.148822575	.	46.42619482	5.1183234022
525	boeing	73.023794916	54	54.4298029	.	24.03532163	3.8376457299
526	boeing	254.10529467	54	63.275914069	.	41.334169856	4.2581993926
527	boeing	141.64645173	54	64.99673603	.	12.720887595	4.3681656285
528	boeing	131.03064082	54	69.741407968	.	37.513591055	4.2882663909
529	boeing	221.51726012	54	73.466804495	.	42.13800428	3.4653573854
530	boeing	164.2297339	54	76.13164105	.	28.045195464	4.5754455924
531	boeing	191.01846138	54	80.330398441	.	48.426731903	3.689757889
532	boeing	152.73119726	54	83.655266858	.	25.684334148	4.4463077911

Obs	distance	speed_ground1	aircraft_make
514	996.87232711	1970.85	1
515	919.04747904	3397.60	1
516	1053.6333364	4120.81	1
517	1240.2804099	6306.56	1
518	1658.969957	7215.39	1
519	2020.2731572	8353.95	1
520	2586.6650864	9639.39	1
521	2164.521515	10118.30	1
522	3369.8363638	11645.79	1
523	898.307233	1697.78	1
524	1128.968076	2223.01	1
525	805.30399317	2962.60	1
526	1183.9204312	4003.84	1
527	960.18473411	4224.58	1
528	1387.7685206	4863.86	1
529	1526.5588456	5397.37	1
530	1267.7619634	5796.03	1
531	1809.4595873	6452.97	1
532	1470.7842588	6998.20	1

Obs	aircraft	duration	no_pasg	speed_ground	speed_air	height	pitch
533	boeing	139.38418182	54	84.095883702	.	37.317578277	3.8734612582
534	boeing	72.416768281	54	85.467591421	.	34.043887949	4.1820891826
535	boeing	187.20999223	54	88.566727615	.	14.748572684	3.9418381552
536	boeing	211.08978276	54	89.950891045	91.119337499	33.658158206	4.2850288805
537	boeing	72.289633216	54	93.391762435	92.869561214	32.223489271	3.8182761471
538	boeing	244.15892899	54	102.86233926	104.43770673	27.615829776	4.6752390451
539	boeing	196.85627619	55	42.529714102	.	27.591837996	4.4852938434
540	boeing	225.55508155	55	55.547211349	.	36.419841948	4.4902032507
541	boeing	193.49660053	55	56.914846281	.	33.286273678	4.0174909548
542	boeing	70.973088175	55	58.893753411	.	26.034925195	4.3139729914
543	boeing	270.59594972	55	63.193085808	.	20.801467416	4.0098154916
544	boeing	185.8033861	55	65.002039664	.	48.277120042	4.6626359629
545	boeing	148.48487906	55	68.774979774	.	20.505335501	3.3663786573
546	boeing	176.54251382	55	69.899813333	.	11.990372995	4.4587491703
547	boeing	137.59581722	55	75.014343744	.	41.21496259	4.203853398
548	boeing	118.63054039	55	79.994815042	.	29.366866101	4.4071812572
549	boeing	86.580598274	55	80.390888645	.	37.014301824	3.6518541525
550	boeing	163.78758153	55	82.559399461	.	37.122437211	3.5971706577
551	boeing	79.275891735	55	90.253814593	90.367403727	40.279043115	3.9460448944

Obs	distance	speed_ground1	aircraft_make
533	1853.9601925	7072.12	1
534	1978.3114087	7304.71	1
535	2041.6723412	7844.07	1
536	2110.2910317	8091.16	1
537	2128.708285	8722.02	1
538	2792.9711992	10580.66	1
539	872.57542081	1808.78	1
540	1053.8265214	3085.49	1
541	969.95936346	3239.30	1
542	987.78832224	3468.47	1
543	829.07888581	3993.37	1
544	1299.3556792	4225.27	1
545	1191.9397318	4730.00	1
546	812.22299178	4885.98	1
547	1627.0681991	5627.15	1
548	1515.9652753	6399.17	1
549	1426.5078042	6462.69	1
550	1813.8426449	6816.05	1
551	2001.0544269	8145.75	1

Obs	aircraft	duration	no_pasg	speed_ground	speed_air	height	pitch
552	boeing	89.358081787	55	111.20254724	110.68407583	41.852413182	3.8616434264
553	boeing	163.90650312	55	119.3804635	120.44470797	38.558536007	3.7014493887
554	boeing	151.45816901	56	41.610329524	.	25.010603482	4.6123785855
555	boeing	191.12245642	56	42.019805613	.	43.876050312	3.4078226175
556	boeing	71.750943009	56	55.791761883	.	25.806962591	4.2245522816
557	boeing	183.29960065	56	60.225343326	.	36.486291546	4.4718126833
558	boeing	176.86203205	56	61.796710514	.	36.748816124	4.1843990127
559	boeing	145.16618815	56	67.281121753	.	38.999617389	4.8029112865
560	boeing	41.949369362	56	71.212825876	.	38.39864105	3.7230744201
561	boeing	107.46733468	56	71.965448513	.	32.455027763	3.4805850946
562	boeing	168.65750283	56	80.921310624	.	59.945963938	3.9520262499
563	boeing	166.660164	56	82.225871665	.	18.964776414	5.0340665082
564	boeing	196.82569105	56	85.813327679	.	30.744597235	3.8842361245
565	boeing	105.57835252	56	86.838613713	.	17.785754829	3.6125019702
566	boeing	147.19561126	56	88.705121104	.	40.94901507	4.1270256473
567	boeing	130.21784671	56	93.549331648	90.767999862	16.292893992	3.4617629884
568	boeing	167.61572481	56	110.9901105	109.75178909	58.081789646	4.495264388
569	boeing	113.36295687	56	113.96402929	113.74609122	44.735463184	3.9379057702
570	boeing	232.79385582	56	123.95687145	122.18668469	26.367547127	4.061951127

Obs	distance	speed_ground1	aircraft_make
552	3698.1257979	12366.01	1
553	4524.2788621	14251.70	1
554	735.79917826	1731.42	1
555	1089.0527095	1765.66	1
556	671.30322121	3112.72	1
557	914.22410463	3627.09	1
558	1137.7457579	3818.83	1
559	1181.2480163	4526.75	1
560	1225.5124632	5071.27	1
561	1249.7348532	5179.03	1
562	1936.0136293	6548.26	1
563	1338.4679955	6761.09	1
564	1664.2181584	7363.93	1
565	1723.7486077	7540.94	1
566	1967.3586047	7868.60	1
567	1852.0009898	8751.48	1
568	3723.0547528	12318.80	1
569	4017.785457	12987.80	1
570	4483.8596367	15365.31	1

Obs	aircraft	duration	no_pasg	speed_ground	speed_air	height	pitch
571	boeing	161.10514801	57	47.883210688	.	28.036760187	4.6915095248
572	boeing	52.903187872	57	57.101661737	.	19.388837508	4.6436717769
573	boeing	91.889837592	57	62.63738999	.	33.410929305	4.5781069971
574	boeing	157.35773231	57	72.327130778	.	26.223285332	4.2231807894
575	boeing	247.21710205	57	73.313432826	.	20.343993391	3.8794887756
576	boeing	217.27806787	57	74.018401179	.	41.381926848	4.85323642
577	boeing	212.95092162	57	79.336328816	.	55.093509149	4.7749364059
578	boeing	156.84776593	57	83.544413145	.	27.608910033	3.9620061102
579	boeing	135.16511647	57	85.580908071	.	42.128705594	3.3296046909
580	boeing	161.25144479	57	87.764686412	.	28.320499464	3.7766276074
581	boeing	95.463778941	57	90.823243776	92.917699283	40.490463157	5.0059508826
582	boeing	100.97739773	57	91.224131261	90.002858582	45.02439155	4.1036944046
583	boeing	151.8784165	57	91.508205537	90.50331792	17.087228104	3.6746103159
584	boeing	136.95959804	57	95.227816049	94.203632315	22.603041623	4.1321979588
585	boeing	120.82452974	57	102.05411758	101.33561417	20.834549966	3.9853692952
586	boeing	126.04011666	57	105.71922152	105.10447842	37.325699826	4.0600509244
587	boeing	134.21929344	58	43.124453971	.	36.98798361	3.8493425417
588	boeing	79.470818126	58	51.836297611	.	18.985617188	4.8265473561
589	boeing	200.4484551	58	54.591785888	.	30.365906105	4.4405907577

Obs	distance	speed_ground1	aircraft_make
571	745.65270838	2292.80	1
572	573.62178606	3260.60	1
573	1029.3427816	3923.44	1
574	1105.3658522	5231.21	1
575	1217.3211669	5374.86	1
576	1579.7571882	5478.72	1
577	1817.3928658	6294.25	1
578	1566.2563323	6979.67	1
579	2123.800935	7324.09	1
580	1987.1538234	7702.64	1
581	2272.0974357	8248.86	1
582	2187.2345662	8321.84	1
583	1780.1098288	8373.75	1
584	2270.0536553	9068.34	1
585	2498.8167045	10415.04	1
586	2984.0236879	11176.55	1
587	977.3980544	1859.72	1
588	676.18903827	2687.00	1
589	925.38573072	2980.26	1

Obs	aircraft	duration	no_pasg	speed_ground	speed_air	height	pitch
590	boeing	198.37167722	58	65.275578745	.	24.898696811	4.3874356737
591	boeing	117.31914798	58	67.051323577	.	34.301590058	3.9585681414
592	boeing	164.10389844	58	71.182374599	.	35.058268309	3.958377908
593	boeing	126.26121707	58	72.604057765	.	21.221140598	3.8824870511
594	boeing	228.88024339	58	72.775165291	.	44.697612488	3.9699836905
595	boeing	187.59954737	58	94.036412942	96.196460585	33.661226156	4.6361847249
596	boeing	125.22795062	58	99.168593593	96.928013479	36.694347458	4.2271664232
597	boeing	206.16697017	58	104.6639371	104.70414385	38.214350307	5.0516233259
598	boeing	108.34193403	58	108.1331095	108.50090006	42.952395762	4.6257015342
599	boeing	153.78655205	58	109.53850934	109.38230052	12.990661148	3.9879573804
600	boeing	197.1772966	58	113.88913724	113.44548322	33.455375847	4.2330578025
601	boeing	209.10634824	58	124.56986234	125.98691462	40.101121967	4.6484282637
602	boeing	223.39922115	59	42.799753094	.	34.552971375	5.2866300246
603	boeing	150.84109663	59	56.441314363	.	20.783114081	3.7320281536
604	boeing	211.1735825	59	61.525983966	.	15.390422594	3.7066521648
605	boeing	249.42692332	59	62.68325229	.	39.918035172	4.4333088665
606	boeing	146.18126345	59	65.334357647	.	32.666905195	4.4053438458
607	boeing	161.80081696	59	72.609522005	.	58.08354481	3.670238783
608	boeing	142.42032129	59	80.433449799	.	19.787504785	4.016768468

Obs	distance	speed_ground1	aircraft_make
590	904.23482542	4260.90	1
591	1174.7516579	4495.88	1
592	1310.6038052	5066.93	1
593	971.07095954	5271.35	1
594	1570.3399227	5296.22	1
595	2304.857574	8842.85	1
596	2556.5952545	9834.41	1
597	2930.2095004	10954.54	1
598	3545.2527766	11692.77	1
599	3188.2681596	11998.69	1
600	3785.6544181	12970.74	1
601	5147.4101244	15517.65	1
602	851.96217314	1831.82	1
603	731.33170479	3185.62	1
604	751.99314418	3785.45	1
605	934.55241454	3929.19	1
606	968.43681985	4268.58	1
607	1698.1840267	5272.14	1
608	1445.8652618	6469.54	1

Obs	aircraft	duration	no_pasg	speed_ground	speed_air	height	pitch
609	boeing	147.99216651	59	80.992495294	.	21.705147966	3.3636279418
610	boeing	94.432281552	59	86.377162961	.	39.08627076	4.1913777105
611	boeing	197.87679359	59	88.687580311	90.730473056	38.027848737	5.1184227803
612	boeing	151.30425348	59	88.956773778	.	12.870102639	4.5444191354
613	boeing	104.86600055	59	90.20736473	90.790709945	28.275039546	4.7233999816
614	boeing	224.74612525	59	91.222070101	92.752576407	31.3636825	4.2546536804
615	boeing	169.8441908	59	91.788491845	91.276914115	31.441320625	4.5534097219
616	boeing	205.92344941	59	92.098290527	92.169032549	44.697091672	4.2340698038
617	boeing	99.156873954	59	93.253559002	93.471079072	25.763979474	4.419371775
618	boeing	217.92741983	59	96.373307457	97.103361808	29.911515767	4.5521477521
619	boeing	127.22257688	59	107.61447636	107.87262235	31.388203556	4.5523263153
620	boeing	164.23895215	59	113.02952089	113.17469225	38.348270296	3.2768351407
621	boeing	127.99133129	59	114.29273489	113.86393738	25.46813856	5.13824264
622	boeing	272.03905778	59	118.92272448	120.39703516	15.049348509	4.1065723599
623	boeing	155.40920579	60	45.068897182	.	34.147519961	3.9058165344
624	boeing	165.88760768	60	49.168445223	.	28.206547549	3.8902037695
625	boeing	157.14442833	60	52.611914921	.	30.767435238	4.5920197594
626	boeing	136.97552287	60	59.092128964	.	23.936206647	3.227014688
627	boeing	112.47343958	60	63.238252725	.	29.620479559	5.2258651627

Obs	distance	speed_ground1	aircraft_make
609	1485.5412586	6559.78	1
610	1943.1324846	7461.01	1
611	2073.1551564	7865.49	1
612	1669.5852914	7913.31	1
613	1880.294666	8137.37	1
614	2174.6991646	8321.47	1
615	2051.218761	8425.13	1
616	2339.3841943	8482.10	1
617	2047.6970209	8696.23	1
618	2217.8308897	9287.81	1
619	3133.3479229	11580.88	1
620	3913.2287255	12775.67	1
621	3668.8878406	13062.83	1
622	4279.567211	14142.61	1
623	1196.4554672	2031.21	1
624	662.1715576	2417.54	1
625	825.47834166	2768.01	1
626	987.55977466	3491.88	1
627	832.51894862	3999.08	1

Obs	aircraft	duration	no_pasg	speed_ground	speed_air	height	pitch
628	boeing	122.76726937	60	64.418664168	.	39.039369038	4.4068108589
629	boeing	117.22302611	60	66.457008779	.	28.242811748	4.0939414262
630	boeing	210.96192908	60	70.059553511	.	37.117297093	4.9136444842
631	boeing	134.82969458	60	73.837974102	.	32.782971127	4.0714235456
632	boeing	172.67372471	60	78.769326803	.	20.220167757	4.4195736944
633	boeing	157.78543241	60	79.415523264	.	50.840300316	4.2830001144
634	boeing	186.22325748	60	83.244098511	.	36.093865853	4.6160035246
635	boeing	197.92261066	60	86.700138717	.	27.111513916	3.9743307104
636	boeing	190.74568278	60	89.802950086	.	26.561001773	4.5145707487
637	boeing	176.25512589	60	93.067211203	94.970196297	35.551603936	5.1171174536
638	boeing	72.504936019	60	93.144745365	91.586299119	28.311008354	4.729995759
639	boeing	107.1201412	60	93.89933526	93.18623585	26.470877122	3.8504358681
640	boeing	150.30399551	60	95.821777765	96.55237859	27.403567281	4.1152876349
641	boeing	163.6083374	60	97.502719317	99.433906835	34.082266727	4.7375418354
642	boeing	75.012761732	60	99.378685634	99.944509978	33.945667089	4.3961857413
643	boeing	149.22417751	60	99.474191537	101.09511856	19.852903991	3.3027471997
644	boeing	152.57631192	60	101.44035041	101.69322587	23.452540302	3.6532967648
645	boeing	130.4243533	60	111.88830909	110.20457764	10.255225364	4.5117260898
646	boeing	124.48006198	60	114.48071659	114.69029121	45.077666293	4.3341369227

Obs	distance	speed_ground1	aircraft_make
628	966.90679057	4149.76	1
629	979.60127543	4416.53	1
630	1395.1404027	4908.34	1
631	1260.6116333	5452.05	1
632	1195.942141	6204.61	1
633	1960.4303783	6306.83	1
634	1771.622268	6929.58	1
635	1937.2562557	7516.91	1
636	1829.2372134	8064.57	1
637	2238.3595351	8661.51	1
638	2072.9072803	8675.94	1
639	2157.4188427	8817.09	1
640	2206.6753231	9181.81	1
641	2652.9561067	9506.78	1
642	2578.2376602	9876.12	1
643	2560.7610893	9895.11	1
644	2740.8022741	10290.14	1
645	3164.4683553	12518.99	1
646	3873.0956584	13105.83	1

Obs	aircraft	duration	no_pasg	speed_ground	speed_air	height	pitch
647	boeing	99.193858446	60	119.67749254	123.04933242	27.558024612	3.6405647359
648	boeing	158.4618984	61	53.778126741	.	46.355832902	5.5563991716
649	boeing	92.336070812	61	54.031347709	.	14.564305239	4.6681266852
650	boeing	124.87990086	61	63.45721573	.	27.245171343	4.5134267082
651	boeing	130.75025897	61	65.760129141	.	28.666938655	4.4815795592
652	boeing	168.76056984	61	66.430878666	.	29.242010431	3.615376508
653	boeing	186.51093123	61	70.790388741	.	12.099622529	4.1539022458
654	boeing	112.0170008	61	71.051960883	.	18.589385734	4.4340431286
655	boeing	124.65932056	61	76.529795789	.	20.238480104	3.9437122363
656	boeing	97.085440418	61	78.188685016	.	28.01117552	4.4508307437
657	boeing	70.970581802	61	80.373077529	.	43.524704765	4.0629176801
658	boeing	153.54633587	61	83.556493271	.	29.897473262	3.519783726
659	boeing	135.03150721	61	84.889872444	.	15.021858736	5.9267842132
660	boeing	155.51861605	61	85.443624251	.	35.375389749	4.2287278648
661	boeing	132.16475292	61	85.936194711	.	39.73510996	4.2757075985
662	boeing	204.13798129	61	86.487372948	.	35.017471899	3.6675272069
663	boeing	293.22996031	61	88.498576695	.	35.034204541	3.8609233149
664	boeing	114.25950947	61	90.009413195	.	39.0970712	4.621878456
665	boeing	93.528629974	61	90.331897645	90.111013336	42.408189952	4.4151279938

Obs	distance	speed_ground1	aircraft_make
647	4455.647775	14322.70	1
648	1075.3717411	2892.09	1
649	770.64221651	2919.39	1
650	1056.4603446	4026.82	1
651	893.57795417	4324.39	1
652	1163.3171085	4413.06	1
653	959.13844683	5011.28	1
654	1144.922426	5048.38	1
655	1379.260881	5856.81	1
656	1341.1783075	6113.47	1
657	1812.4313695	6459.83	1
658	1793.5628232	6981.69	1
659	1668.2067647	7206.29	1
660	1698.9927548	7300.61	1
661	1712.1068609	7385.03	1
662	1935.0727134	7480.07	1
663	2079.8514381	7832.00	1
664	2086.9756588	8101.69	1
665	2259.8440485	8159.85	1

Obs	aircraft	duration	no_pasg	speed_ground	speed_air	height	pitch
666	boeing	193.72628552	61	91.511512961	93.207775371	29.836884637	4.0703219951
667	boeing	139.41386506	61	93.273287999	93.496041217	21.128503656	4.1557370003
668	boeing	218.02088213	61	98.206172066	96.033397859	24.531203641	4.3804647597
669	boeing	182.201019	61	104.29512563	103.09643628	32.659533615	3.8725587384
670	boeing	131.74744179	61	105.06367666	107.44169372	25.4439203	5.3106775155
671	boeing	142.1380034	61	105.10045279	103.35311485	28.633773668	3.4542098688
672	boeing	163.0853723	61	106.67585206	104.44715655	18.847637969	3.5094499278
673	boeing	159.85144077	61	107.30146063	105.91314482	15.326207274	4.2502577597
674	boeing	99.681502958	61	121.83713667	120.95340518	33.184596582	3.8674761307
675	boeing	153.8344532	61	126.83927854	126.11864818	20.547833848	4.3345575101
676	boeing	176.85391129	62	54.580212422	.	19.860379833	3.1467910951
677	boeing	121.61570253	62	59.32138735	.	35.286592667	3.6869802999
678	boeing	111.00858296	62	62.717325735	.	27.458164185	4.6961506762
679	boeing	158.4190187	62	65.642893609	.	26.96473354	3.4595436201
680	boeing	184.04178421	62	69.708148038	.	15.346686686	4.0447012735
681	boeing	120.35279744	62	76.972757606	.	12.353622855	4.8082857766
682	boeing	131.23242146	62	79.621876063	.	32.944483412	5.0704365136
683	boeing	155.84557082	62	79.745315854	.	23.839448756	3.3959225955
684	boeing	112.24050071	62	85.089021397	.	13.190910615	3.2579978206

Obs	distance	speed_ground1	aircraft_make
666	2186.6221289	8374.36	1
667	2191.3270511	8699.91	1
668	2149.5567186	9644.45	1
669	2689.1596942	10877.47	1
670	3062.065008	11038.38	1
671	3152.596502	11046.11	1
672	2850.7059682	11379.74	1
673	2652.802421	11513.60	1
674	4427.670764	14844.29	1
675	4736.6045811	16088.20	1
676	669.11794366	2979.00	1
677	1083.3869491	3519.03	1
678	844.79555257	3933.46	1
679	1154.2199175	4308.99	1
680	1116.7582458	4859.23	1
681	1071.7417433	5924.81	1
682	1510.2127075	6339.64	1
683	1322.2129905	6359.32	1
684	1782.3672271	7240.14	1

Obs	aircraft	duration	no_pasg	speed_ground	speed_air	height	pitch
685	boeing	175.29994853	62	89.533401642	90.476723723	39.563714404	4.1141180063
686	boeing	86.828911312	62	91.714535792	92.874851912	28.773729478	3.3058880775
687	boeing	205.87361329	62	113.99630814	110.65991559	34.443424964	3.873845001
688	boeing	183.95750281	63	45.857193744	.	39.804470778	3.96076458
689	boeing	203.89582605	63	46.036109985	.	26.587750664	4.227021402
690	boeing	101.45247914	63	46.756897002	.	37.343151844	4.6860084868
691	boeing	159.64040023	63	60.419115087	.	16.338199694	3.9430834445
692	boeing	149.87049036	63	60.622375756	.	35.461665969	4.9469603055
693	boeing	154.36870049	63	63.540613553	.	26.402991875	3.8566584986
694	boeing	68.201536698	63	67.955636835	.	39.479483513	4.7795649622
695	boeing	119.70600605	63	67.969699235	.	27.862901056	3.6862217761
696	boeing	139.85635751	63	69.494644709	.	24.573883721	4.6776772802
697	boeing	97.477623266	63	73.533976336	.	29.152465311	4.0140064257
698	boeing	123.18642614	63	73.875179495	.	47.166641873	4.4351506589
699	boeing	172.44293471	63	74.831847823	.	22.166635809	4.3234192828
700	boeing	116.61255129	63	75.731579545	.	21.30956605	4.1517114895
701	boeing	158.56363888	63	77.858801342	.	32.430472277	3.993557164
702	boeing	99.996683661	63	77.982229864	.	48.740966578	3.6365363239
703	boeing	160.33576673	63	78.270298206	.	32.732115723	3.9023897774

Obs	distance	speed_ground1	aircraft_make
685	2196.4727211	8016.23	1
686	2313.3356963	8411.56	1
687	3405.3507059	12995.16	1
688	1050.550585	2102.88	1
689	929.68761249	2119.32	1
690	847.65729247	2186.21	1
691	858.41251225	3650.47	1
692	1146.3771278	3675.07	1
693	1089.9729531	4037.41	1
694	1344.3403491	4617.97	1
695	1237.473458	4619.88	1
696	1033.7151598	4829.51	1
697	1332.0387485	5407.25	1
698	1394.5303247	5457.54	1
699	1176.1244463	5599.81	1
700	875.78649863	5735.27	1
701	1457.7579144	6061.99	1
702	1655.6344147	6081.23	1
703	1346.5410738	6126.24	1

Obs	aircraft	duration	no_pasg	speed_ground	speed_air	height	pitch
704	boeing	115.094687	63	79.927673217	.	19.554736677	4.6307186429
705	boeing	129.41473997	63	85.544839926	.	25.43492914	4.3986300351
706	boeing	169.83634839	63	93.985111905	96.262416093	29.633598821	4.4709418013
707	boeing	154.06174189	63	94.63080988	93.935280295	41.42337543	4.757852551
708	boeing	194.67245365	63	95.732907331	97.18505051	47.586622182	3.7321120105
709	boeing	121.10832212	63	101.04739372	101.72213876	40.03855437	3.8998686693
710	boeing	222.28989161	63	101.52330605	101.11892399	27.15831085	3.3603490103
711	boeing	128.88756525	63	102.54306508	104.6244013	28.788569072	4.7041655355
712	boeing	142.67963078	64	43.34610704	.	37.364530578	5.0860877182
713	boeing	202.67409934	64	52.551834827	.	43.968696323	3.0689056845
714	boeing	176.3055956	64	65.813679598	.	21.678952588	4.8844598595
715	boeing	171.78949914	64	70.195990219	.	28.919946606	4.4969277745
716	boeing	88.954538748	64	71.3450445	.	38.430396787	4.3078969167
717	boeing	192.27232801	64	71.753544367	.	15.870447594	4.4654794397
718	boeing	124.71064101	64	72.261225036	.	36.318371962	4.1729147394
719	boeing	242.43576866	64	74.216337616	.	22.226794163	4.0706159357
720	boeing	209.06467683	64	76.008046539	.	40.463849366	4.5143958108
721	boeing	157.8087398	64	78.847250691	.	19.141129477	4.2602449396
722	boeing	147.90533612	64	90.499523559	.	31.401174198	4.3570430756

Obs	distance	speed_ground1	aircraft_make
704	1067.8381154	6388.43	1
705	1679.7391011	7317.92	1
706	2444.5285886	8833.20	1
707	2342.7732419	8954.99	1
708	2526.4748975	9164.79	1
709	2830.4376072	10210.58	1
710	2849.4570355	10306.98	1
711	2774.4541623	10515.08	1
712	807.79667272	1878.88	1
713	1208.4958466	2761.70	1
714	690.00147828	4331.44	1
715	1197.8216435	4927.48	1
716	1215.6919756	5090.12	1
717	920.71562998	5148.57	1
718	1105.2467122	5221.68	1
719	1338.2618248	5508.06	1
720	1502.0667088	5777.22	1
721	1435.9245683	6216.89	1
722	1853.9479702	8190.16	1

Obs	aircraft	duration	no_pasg	speed_ground	speed_air	height	pitch
723	boeing	65.695508337	64	92.645361475	94.735261406	23.529869193	5.2568314412
724	boeing	106.51409405	64	92.885912601	92.645789262	20.38614078	4.1174070392
725	boeing	107.7317815	64	93.745994551	94.405765313	29.612945004	4.3002536259
726	boeing	204.95500718	64	95.677542179	99.112603039	41.444766094	4.777534014
727	boeing	107.33618321	64	99.020789307	97.330315822	32.890788957	4.3776848107
728	boeing	79.999309582	64	100.17254212	100.2606698	48.602824838	5.0558179864
729	boeing	84.296505847	65	34.11776613	.	35.266706534	4.2902689148
730	boeing	170.7986135	65	52.272537849	.	29.594010453	3.285684557
731	boeing	148.43733516	65	53.539999416	.	30.158679965	3.5657235226
732	boeing	126.32374545	65	65.885329556	.	19.600003056	4.68790103
733	boeing	122.18570855	65	70.256718159	.	19.97791367	4.2333790632
734	boeing	216.97429855	65	71.468178885	.	36.821184681	3.6548358754
735	boeing	161.46087702	65	73.977879897	.	30.671884004	4.8764256488
736	boeing	215.47668572	65	75.266954554	.	50.166097198	3.9182150647
737	boeing	177.19269932	65	85.898635333	.	33.537263808	4.0276629705
738	boeing	218.77717679	65	88.986193794	.	22.930162046	3.4812327746
739	boeing	180.14354151	65	91.000271752	91.586051671	17.641253665	4.4079869843
740	boeing	233.42754222	65	92.489290879	94.524363884	20.912576869	3.9408686151
741	boeing	202.54627831	65	93.615201471	95.322444555	18.58645339	4.160108483

Obs	distance	speed_ground1	aircraft_make
723	2022.7322942	8583.16	1
724	1977.1171934	8627.79	1
725	2101.7677931	8788.31	1
726	2718.4297538	9154.19	1
727	2405.907939	9805.12	1
728	2771.1312647	10034.54	1
729	1198.0892035	1164.02	1
730	1057.7080347	2732.42	1
731	1024.0947953	2866.53	1
732	846.18064214	4340.88	1
733	1160.8697017	4936.01	1
734	1267.1146769	5107.70	1
735	1187.6768518	5472.73	1
736	1712.8382397	5665.11	1
737	1710.8614841	7378.58	1
738	1770.9247699	7918.54	1
739	1838.5676697	8281.05	1
740	2104.0896845	8554.27	1
741	1987.8170111	8763.81	1

Obs	aircraft	duration	no_pasg	speed_ground	speed_air	height	pitch
742	boeing	140.23631155	65	118.74200471	119.40214631	19.856192215	4.6462659602
743	boeing	158.78738396	66	56.008243425	.	36.596917427	4.1081461182
744	boeing	162.21217553	66	60.096269716	.	23.464759724	4.0191426633
745	boeing	154.28455045	66	62.083253452	.	22.658536982	4.6145885274
746	boeing	179.91591838	66	63.671165314	.	19.574699606	4.2867337712
747	boeing	106.63723793	66	64.892926797	.	29.439950209	5.0174729326
748	boeing	155.62741778	66	64.946988369	.	27.0634843	4.4386388552
749	boeing	115.39520555	66	65.539878656	.	33.849552954	4.2345371732
750	boeing	142.30606617	66	67.493137165	.	26.494345137	4.4931978296
751	boeing	56.64048966	66	72.953658239	.	36.154157217	4.3878559157
752	boeing	204.44587388	66	80.725759835	.	46.84094597	4.4096600285
753	boeing	124.24032001	66	82.634632474	.	18.261403443	4.2934084614
754	boeing	94.319896766	66	83.635110177	.	23.466406143	3.5487071321
755	boeing	298.52233394	66	84.178974975	.	26.318128781	3.8396450566
756	boeing	160.32820416	66	87.887062402	.	19.450329278	4.8103006452
757	boeing	102.4198377	66	104.03291094	102.84676339	27.83361523	4.8609660183
758	boeing	154.19446968	66	107.05908552	108.17746968	27.407950767	4.2274190679
759	boeing	154.99001709	66	108.99641883	108.36091041	15.538766161	4.5480278507
760	boeing	109.45172219	66	117.64059121	112.26495489	35.910035823	4.0582181528

Obs	distance	speed_ground1	aircraft_make
742	4217.1294518	14099.66	1
743	1098.846112	3136.92	1
744	781.26308512	3611.56	1
745	974.86323902	3854.33	1
746	873.4408921	4054.02	1
747	924.10287374	4211.09	1
748	920.28626467	4218.11	1
749	962.60912362	4295.48	1
750	1234.502056	4555.32	1
751	1205.1280251	5322.24	1
752	1995.4052035	6516.65	1
753	1515.1388493	6828.48	1
754	1499.7242663	6994.83	1
755	1616.3556623	7086.10	1
756	1543.387011	7724.14	1
757	2637.5324359	10822.85	1
758	3158.8776668	11461.65	1
759	3097.0654015	11880.22	1
760	3741.0677162	13839.31	1

Obs	aircraft	duration	no_pasg	speed_ground	speed_air	height	pitch
761	boeing	192.181773	67	34.30363513	.	30.138274703	4.4995089168
762	boeing	164.77436392	67	53.113984349	.	27.920433284	4.3227229045
763	boeing	79.052818033	67	54.247896274	.	43.971026107	4.2873601424
764	boeing	180.64114727	67	55.827468142	.	41.048663032	4.1218284135
765	boeing	209.28129342	67	76.531843725	.	30.598791007	4.2369678091
766	boeing	114.19371901	67	77.41822091	.	21.656204825	4.6306064817
767	boeing	83.512569699	67	78.625488084	.	17.342190802	3.8634086267
768	boeing	196.27823416	67	78.664147734	.	46.591258417	4.15208631
769	boeing	124.35337627	67	78.954218512	.	28.972879292	3.8124590751
770	boeing	150.17368779	67	84.187423913	.	40.757234893	3.9228883057
771	boeing	87.736413994	67	92.400239648	92.425135006	34.107757421	4.3353530907
772	boeing	116.98454192	67	122.75656197	123.88257287	30.216568242	3.2137033407
773	boeing	154.52460358	67	129.30718407	127.59332059	23.978496799	5.1546989117
774	boeing	143.33261546	68	33.822953314	.	37.680495945	4.0703468804
775	boeing	233.43123856	68	34.222063657	.	28.629155926	4.7888425657
776	boeing	226.57166739	68	50.859254878	.	31.058966163	4.122637666
777	boeing	80.397000957	68	54.887859005	.	31.81778908	3.3117750552
778	boeing	76.904519522	68	67.61028338	.	44.063655273	3.8282165895
779	boeing	211.70913731	68	71.936731773	.	22.523394485	4.8453101879

Obs	distance	speed_ground1	aircraft_make
761	1001.0805665	1176.74	1
762	819.23600163	2821.10	1
763	1305.9245641	2942.83	1
764	1101.4343544	3116.71	1
765	1236.3788062	5857.12	1
766	1185.2280385	5993.58	1
767	1104.404226	6181.97	1
768	1768.4739674	6188.05	1
769	1480.5722537	6233.77	1
770	2065.3054444	7087.52	1
771	2144.5845633	8537.80	1
772	4807.8798069	15069.17	1
773	5058.4695164	16720.35	1
774	936.57807216	1143.99	1
775	955.9096666	1171.15	1
776	840.54299274	2586.66	1
777	1213.9258814	3012.68	1
778	1388.3696493	4571.15	1
779	1288.8309812	5174.89	1

Obs	aircraft	duration	no_pasg	speed_ground	speed_air	height	pitch
780	boeing	169.0856988	68	72.57166563	.	39.692058731	4.0733467334
781	boeing	64.155530488	68	75.592310962	.	32.965842152	4.0631509072
782	boeing	130.48884861	68	94.376620488	92.15345773	19.574380998	4.6365070329
783	boeing	124.78661104	68	106.12024007	104.13467735	42.895159857	4.0363220884
784	boeing	197.54635021	68	126.66918215	127.96414283	23.764231426	2.9931514463
785	boeing	165.54194536	69	48.774673273	.	31.228664837	3.9020460339
786	boeing	175.15117145	69	55.37996773	.	54.27604275	4.6536409251
787	boeing	121.45511452	69	61.607785041	.	22.779396611	3.3984599553
788	boeing	149.691087	69	64.955268633	.	22.237313329	4.1067786558
789	boeing	241.95006656	69	64.972102204	.	28.504682353	4.0682908219
790	boeing	126.29533449	69	74.373046613	.	49.039576609	4.8344648639
791	boeing	109.27706634	69	79.733130819	.	31.058767956	4.2819840946
792	boeing	183.26407409	69	81.580248719	.	27.687387698	3.7522936228
793	boeing	159.8108131	69	86.315209607	.	33.823634214	4.5870484421
794	boeing	202.68865562	69	90.943892841	90.533348853	39.461284768	3.12582299
795	boeing	106.10804784	69	97.174871746	98.637718197	38.441153122	3.5773087522
796	boeing	125.73329732	69	101.65558863	102.8514051	27.804716181	4.1174316991
797	boeing	233.80249791	69	104.80843448	103.86845794	43.882731896	3.2450978263
798	boeing	90.095381357	70	59.888528183	.	32.397688062	4.0260964152

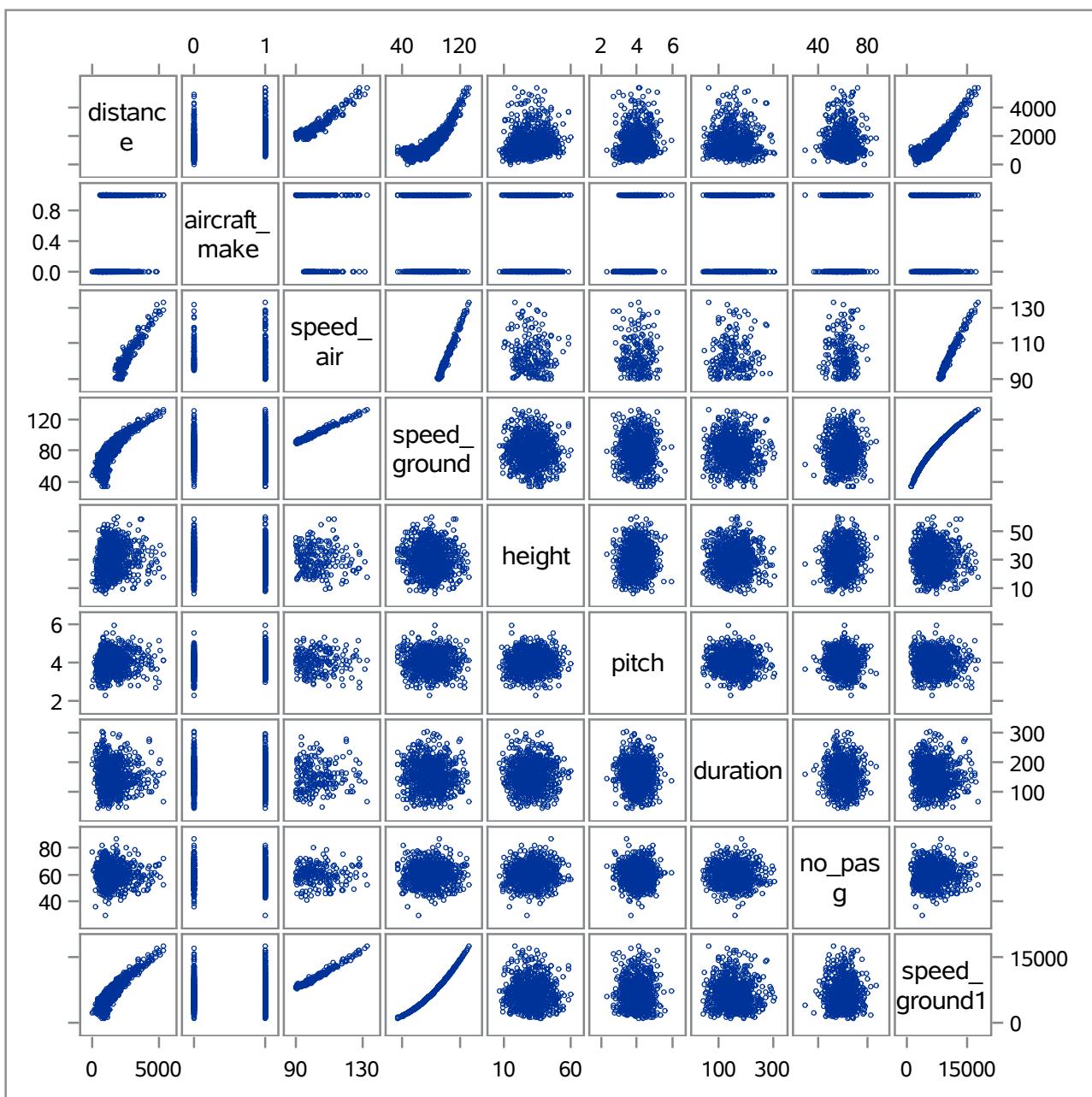
Obs	distance	speed_ground1	aircraft_make
780	1457.757668	5266.65	1
781	1230.9919301	5714.20	1
782	1995.3655432	8906.95	1
783	2924.840588	11261.51	1
784	5031.3863156	16045.08	1
785	943.06840443	2378.97	1
786	1125.8005423	3066.94	1
787	968.28934986	3795.52	1
788	786.60967241	4219.19	1
789	1007.6988044	4221.37	1
790	1548.6903581	5531.35	1
791	1500.7053475	6357.37	1
792	1497.1677162	6655.34	1
793	1898.7424838	7450.32	1
794	2191.1004111	8270.79	1
795	2628.5363159	9442.96	1
796	2987.8039235	10333.86	1
797	3213.985265	10984.81	1
798	1050.2644976	3586.64	1

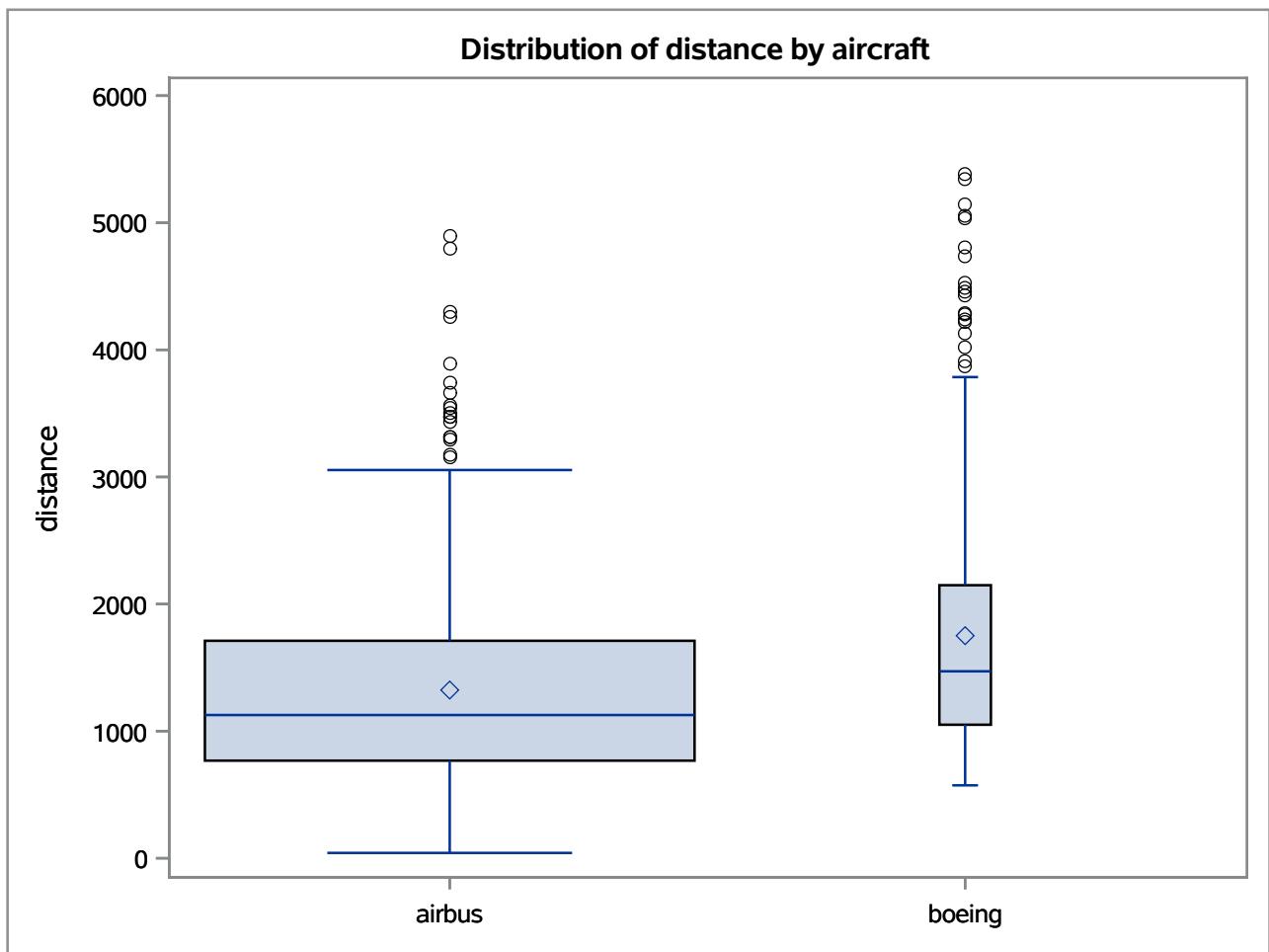
Obs	aircraft	duration	no_pasg	speed_ground	speed_air	height	pitch
799	boeing	183.57495844	70	64.97459002	.	21.560439389	4.0209903588
800	boeing	173.75152907	70	68.462817944	.	35.027645688	4.9566852937
801	boeing	168.63061318	70	77.535257271	.	21.047219906	4.2192924831
802	boeing	96.941215455	70	94.030485628	94.520624439	23.594476567	4.1521190127
803	boeing	126.54028789	70	94.781230282	91.142068839	39.476298784	3.5949361476
804	boeing	78.455662834	70	107.98595587	109.4581269	19.703120709	4.7621150325
805	boeing	201.36958354	71	41.455692355	.	28.543870421	4.6031173258
806	boeing	176.37153647	71	62.216451257	.	43.937671249	5.3247470086
807	boeing	98.695657877	71	69.750578737	.	50.623766494	3.9084929899
808	boeing	155.92906935	71	71.998171485	.	35.383504742	3.6403979244
809	boeing	85.963580491	71	86.417904479	.	34.594584685	4.3960026472
810	boeing	139.21299054	72	49.509631704	.	30.856063054	4.249669131
811	boeing	158.16277689	72	74.833473963	.	26.186971031	3.9863265825
812	boeing	78.24709997	72	76.999831013	.	13.801193211	4.2019377631
813	boeing	133.5569265	72	94.271329242	92.877735531	33.046424149	3.785794946
814	boeing	161.8924678	72	129.26491833	128.41773098	33.948998825	4.1399514138
815	boeing	236.19293349	73	52.360449116	.	44.121081799	4.4970887384
816	boeing	213.77917717	73	57.426894092	.	48.868703509	4.1846317788
817	boeing	112.31707003	74	79.257984189	.	37.19716518	4.3370030837

Obs	distance	speed_ground1	aircraft_make
799	822.93718811	4221.70	1
800	1098.2848748	4687.16	1
801	1375.0200626	6011.72	1
802	2135.7862958	8841.73	1
803	2182.2207374	8983.48	1
804	3184.3263623	11660.97	1
805	763.699563	1718.57	1
806	825.52229665	3870.89	1
807	1426.4827722	4865.14	1
808	1227.9001319	5183.74	1
809	1703.5054909	7468.05	1
810	827.42067444	2451.20	1
811	1449.0794019	5600.05	1
812	1273.6644967	5928.97	1
813	2351.0709569	8887.08	1
814	5381.9588622	16709.42	1
815	1078.0988933	2741.62	1
816	1154.4436143	3297.85	1
817	1158.8376732	6281.83	1

Obs	aircraft	duration	no_pasg	speed_ground	speed_air	height	pitch
818	boeing	168.23013919	74	86.852747395	.	16.894461754	3.8308960194
819	boeing	124.54353753	75	69.880248247	.	31.31135869	4.6879165411
820	boeing	118.26426229	75	70.168245294	.	17.743340834	4.2669763429
821	boeing	79.705863144	75	106.7461226	106.73317595	18.346201583	4.8074017332
822	boeing	130.94961924	76	44.732763125	.	32.782994552	4.861881592
823	boeing	147.03191592	76	63.597942325	.	36.489042355	4.4917734289
824	boeing	219.72115595	76	88.103462433	.	42.085495821	4.6540097977
825	boeing	130.16891519	77	55.086685785	.	38.032817792	4.0971206341
826	boeing	172.56012205	77	82.29713755	.	44.758716354	4.2293090445
827	boeing	228.17710591	78	61.220375598	.	21.772286622	4.5955283685
828	boeing	107.11331938	78	86.807962025	.	25.477015381	4.4142187986
829	boeing	128.93810992	79	106.93389135	108.42651323	30.457709156	4.8421492
830	boeing	161.82569155	80	82.509055403	.	36.680194026	4.685310032
831	boeing	194.4671661	82	40.815188666	.	22.618444074	4.8765952309

Obs	distance	speed_ground1	aircraft_make
818	1725.3804918	7543.40	1
819	1045.0302857	4883.25	1
820	830.71474719	4923.58	1
821	2785.855295	11394.73	1
822	874.79864397	2001.02	1
823	1051.9369604	4044.70	1
824	1927.0536775	7762.22	1
825	998.09700633	3034.54	1
826	1809.27205	6772.82	1
827	970.04651856	3747.93	1
828	1910.8768699	7535.62	1
829	3203.3188407	11434.86	1
830	1590.3719225	6807.74	1
831	761.4850777	1665.88	1





## The CORR Procedure

9 Variables:	distance	duration	no_pasg	speed_ground	speed_air	height	pitch	aircraft_make	speed_ground1
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Simple Statistics								
Variable	N	Mean	Std Dev	Sum	Minimum	Maximum	Label	
distance	831	1522	896.33815	1265183	41.72231	5382	distance	
duration	781	154.77572	48.34992	120880	41.94937	305.62171	duration	
no_pasg	831	60.05535	7.49132	49906	29.00000	87.00000	no_pasg	
speed_ground	831	79.54270	18.73568	66100	33.57410	132.78468	speed_ground	
speed_air	203	103.48504	9.73628	21007	90.00286	132.91146	speed_air	
height	831	30.45787	9.78481	25310	6.22752	59.94596	height	
pitch	831	4.00516	0.52657	3328	2.28448	5.92678	pitch	
aircraft_make	831	0.46570	0.49912	387.00000	0	1.00000		
speed_ground1	831	6678	3047	5549122	1127	17632		

Pearson Correlation Coefficients Prob >  r  under H0: Rho=0 Number of Observations									
	distance	duration	no_pasg	speed_ground	speed_air	height	pitch	aircraft_make	speed_ground1
distance	1.00000	-0.05138 0.1514 831	-0.01776 0.6093 781	0.86624 <.0001 831	0.94210 <.0001 203	0.09941 0.0041 831	0.08703 0.0121 831	0.23814 <.0001 831	0.91657 <.0001 831
duration	-0.05138 0.1514 781	1.00000	-0.03639 0.3098 781	-0.04897 0.1716 781	0.04454 0.5364 195	0.01112 0.7564 781	-0.04675 0.1918 781	-0.04443 0.2149 781	-0.04849 0.1758 781
no_pasg	-0.01776 0.6093 831	-0.03639 0.3098 781	1.00000	-0.00013 0.9969 831	-0.00616 0.9305 203	0.04699 0.1760 831	-0.01793 0.6057 831	-0.02269 0.5136 831	-0.00182 0.9582 831
speed_ground	0.86624 <.0001 831	-0.04897 0.1716 781	-0.00013 0.9969 831	1.00000	0.98794 <.0001 203	-0.05761 0.0970 831	-0.03912 0.2599 831	-0.04045 0.2441 831	0.98831 <.0001 831
speed_air	0.94210 <.0001 203	0.04454 0.5364 195	-0.00616 0.9305 203	0.98794 <.0001 203	1.00000	-0.07933 0.2606 203	-0.03927 0.5780 203	-0.07207 0.3069 203	0.98774 <.0001 203
height	0.09941 0.0041 831	0.01112 0.7564 781	0.04699 0.1760 831	-0.05761 0.0970 831	-0.07933 0.2606 203	1.00000	0.02298 0.5082 831	-0.01439 0.6788 831	-0.05417 0.1187 831
pitch	0.08703 0.0121 831	-0.04675 0.1918 781	-0.01793 0.6057 831	-0.03912 0.2599 831	-0.03927 0.5780 203	0.02298 0.5082 831	1.00000	0.35420 <.0001 831	-0.02900 0.4037 831
aircraft_make	0.23814 <.0001 831	-0.04443 0.2149 781	-0.02269 0.5136 831	-0.04045 0.2441 831	-0.07207 0.3069 203	-0.01439 0.6788 831	0.35420 <.0001 831	1.00000	-0.01731 0.6183 831
speed_ground1	0.91657 <.0001 831	-0.04849 0.1758 781	-0.00182 0.9582 831	0.98831 <.0001 831	0.98774 <.0001 203	-0.05417 0.1187 831	-0.02900 0.4037 831	-0.01731 0.6183 831	1.00000

## Regression analysis of the Aircraft Dataset

### The REG Procedure

Model: MODEL1

Dependent Variable: distance distance

Number of Observations Read	831
Number of Observations Used	195
Number of Observations with Missing Values	636

Analysis of Variance					
Source	DF	Sum of Squares	Mean Square	F Value	Pr > F
Model	8	131151185	16393898	1207.81	<.0001
Error	186	2524624	13573		
Corrected Total	194	133675809			

Root MSE	116.50427	R-Square	0.9811
Dependent Mean	2784.49158	Adj R-Sq	0.9803
Coeff Var	4.18404		

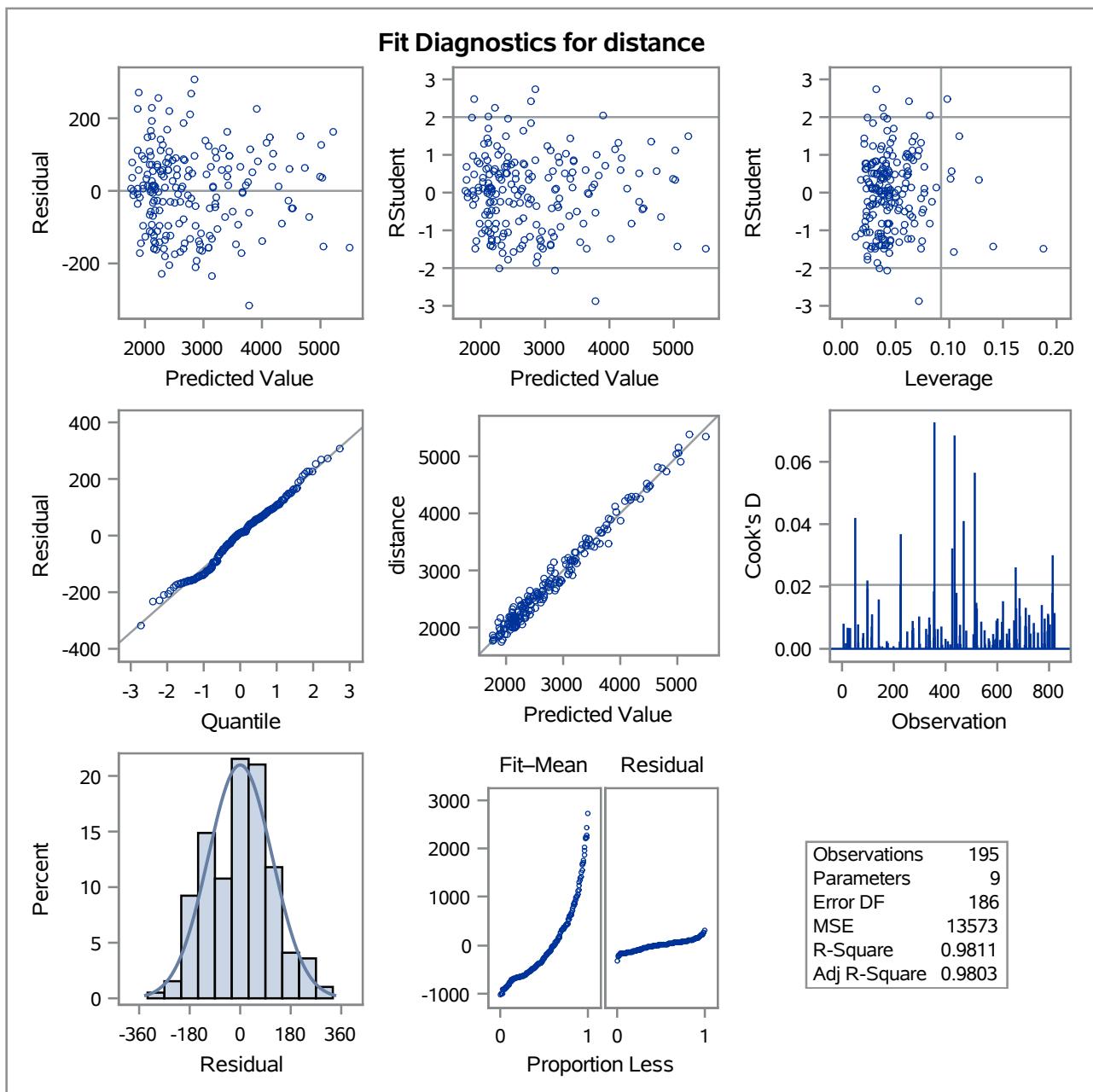
Parameter Estimates						
Variable	Label	DF	Parameter Estimate	Standard Error	t Value	Pr >  t
Intercept	Intercept	1	688.76797	882.42464	0.78	0.4361
duration	duration	1	0.12038	0.17672	0.68	0.4966
no_pasg	no_pasg	1	-2.24468	1.19448	-1.88	0.0618
speed_ground	speed_ground	1	-126.03696	16.39649	-7.69	<.0001
speed_air	speed_air	1	78.41922	5.72223	13.70	<.0001
height	height	1	13.73731	0.89995	15.26	<.0001
pitch	pitch	1	-5.94312	16.15165	-0.37	0.7133
aircraft_make		1	400.52367	19.01675	21.06	<.0001
speed_ground1		1	0.60155	0.07575	7.94	<.0001

## Regression analysis of the Aircraft Dataset

**The REG Procedure**

**Model: MODEL1**

**Dependent Variable: distance distance**

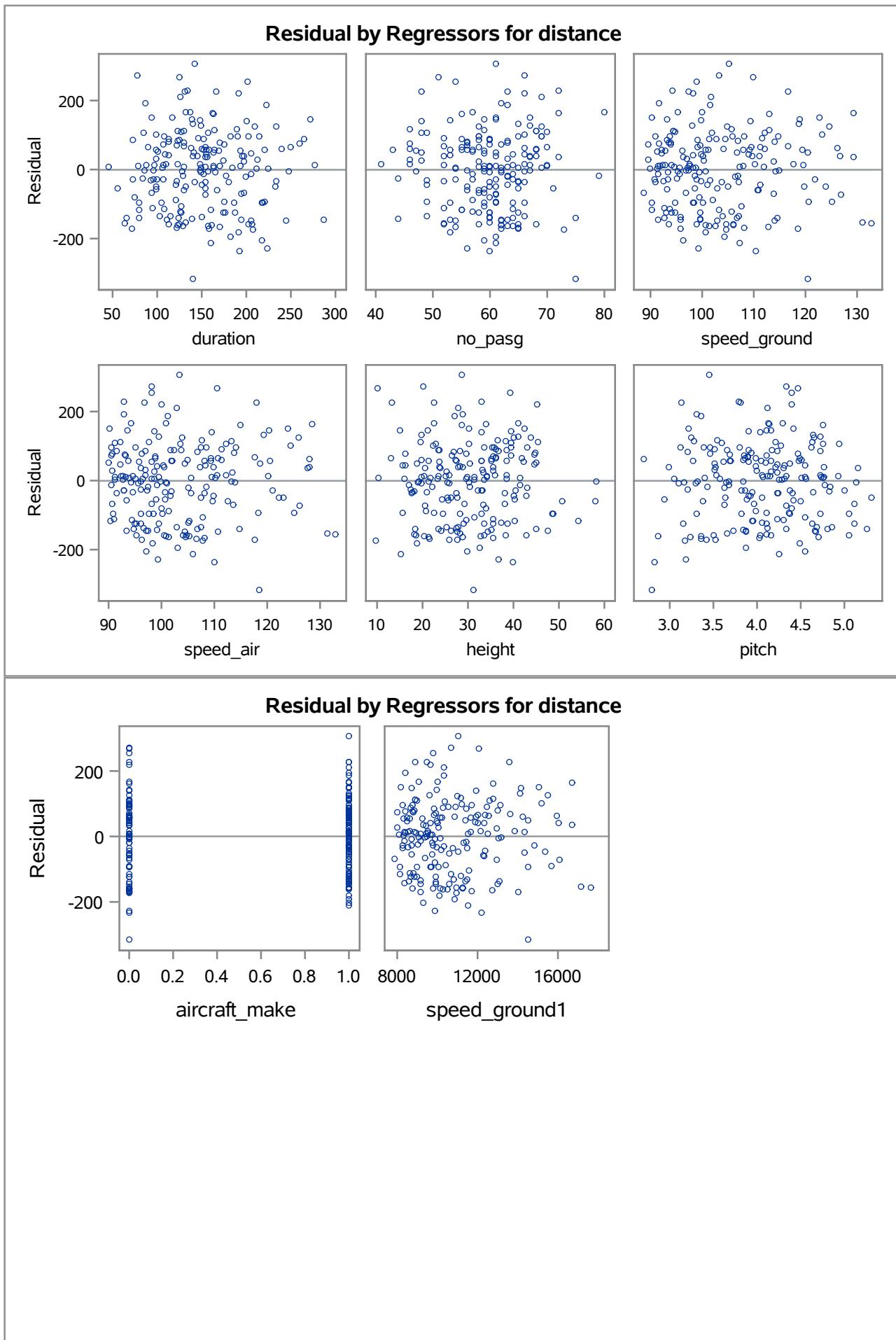


## Regression analysis of the Aircraft Dataset

**The REG Procedure**

**Model: MODEL1**

**Dependent Variable: distance distance**



## Regression analysis of the Aircraft Dataset

**The REG Procedure**

**Model: MODEL1**

**Dependent Variable: distance distance**

<b>Number of Observations Read</b>	831
<b>Number of Observations Used</b>	831

<b>Analysis of Variance</b>					
<b>Source</b>	<b>DF</b>	<b>Sum of Squares</b>	<b>Mean Square</b>	<b>F Value</b>	<b>Pr &gt; F</b>
<b>Model</b>	3	566080053	188693351	1548.72	<.0001
<b>Error</b>	827	100760276	121838		
<b>Corrected Total</b>	830	666840329			

<b>Root MSE</b>	349.05344	<b>R-Square</b>	0.8489
<b>Dependent Mean</b>	1522.48287	<b>Adj R-Sq</b>	0.8484
<b>Coeff Var</b>	22.92659		

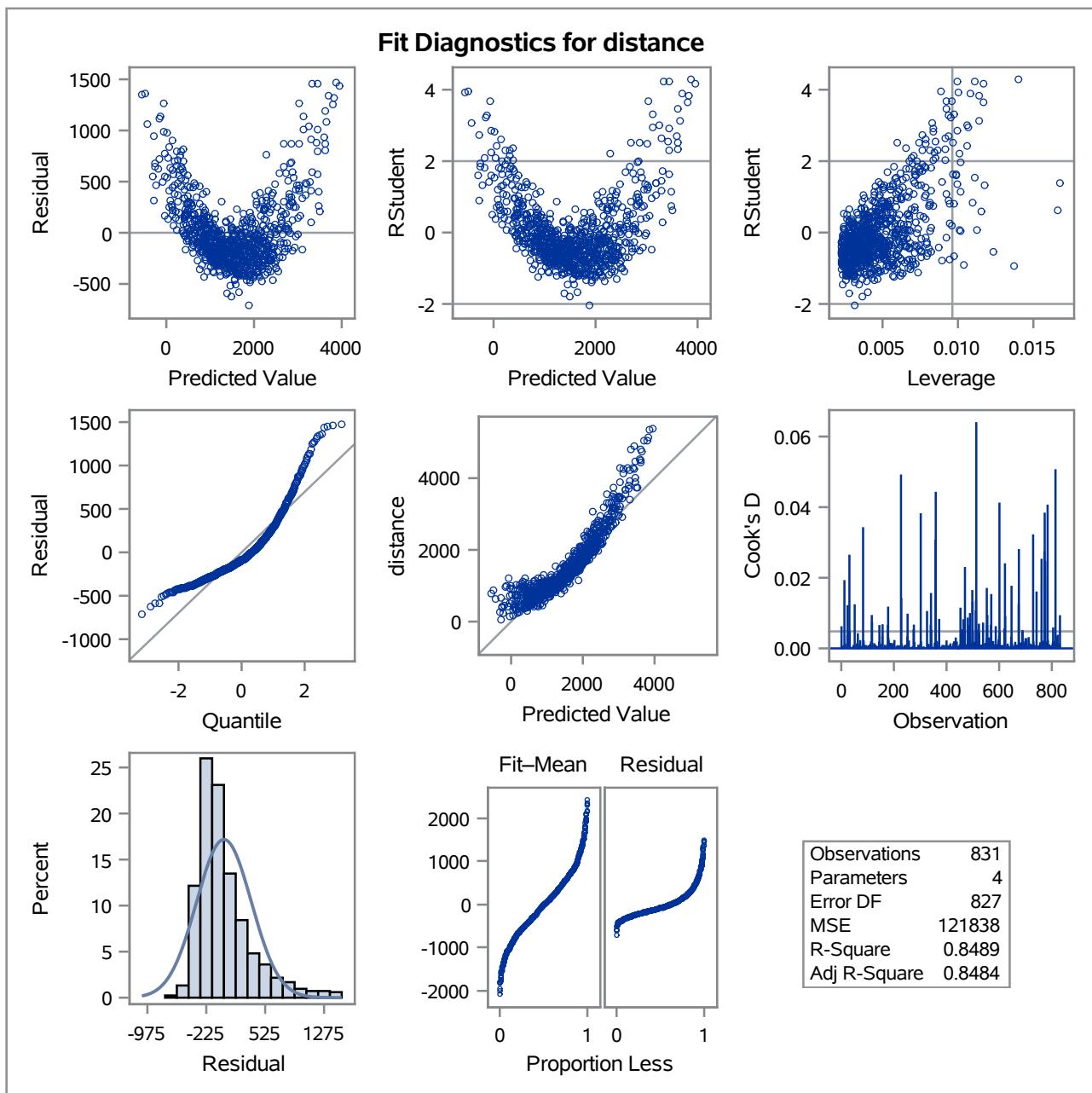
<b>Parameter Estimates</b>						
<b>Variable</b>	<b>Label</b>	<b>DF</b>	<b>Parameter Estimate</b>	<b>Standard Error</b>	<b>t Value</b>	<b>Pr &gt;  t </b>
<b>Intercept</b>	Intercept	1	-2512.24333	68.19743	-36.84	<.0001
<b>speed_ground</b>	speed_ground	1	42.40242	0.64830	65.41	<.0001
<b>height</b>	height	1	14.14783	1.24046	11.41	<.0001
<b>aircraft_make</b>		1	496.04524	24.29753	20.42	<.0001

## Regression analysis of the Aircraft Dataset

**The REG Procedure**

**Model: MODEL1**

**Dependent Variable: distance distance**

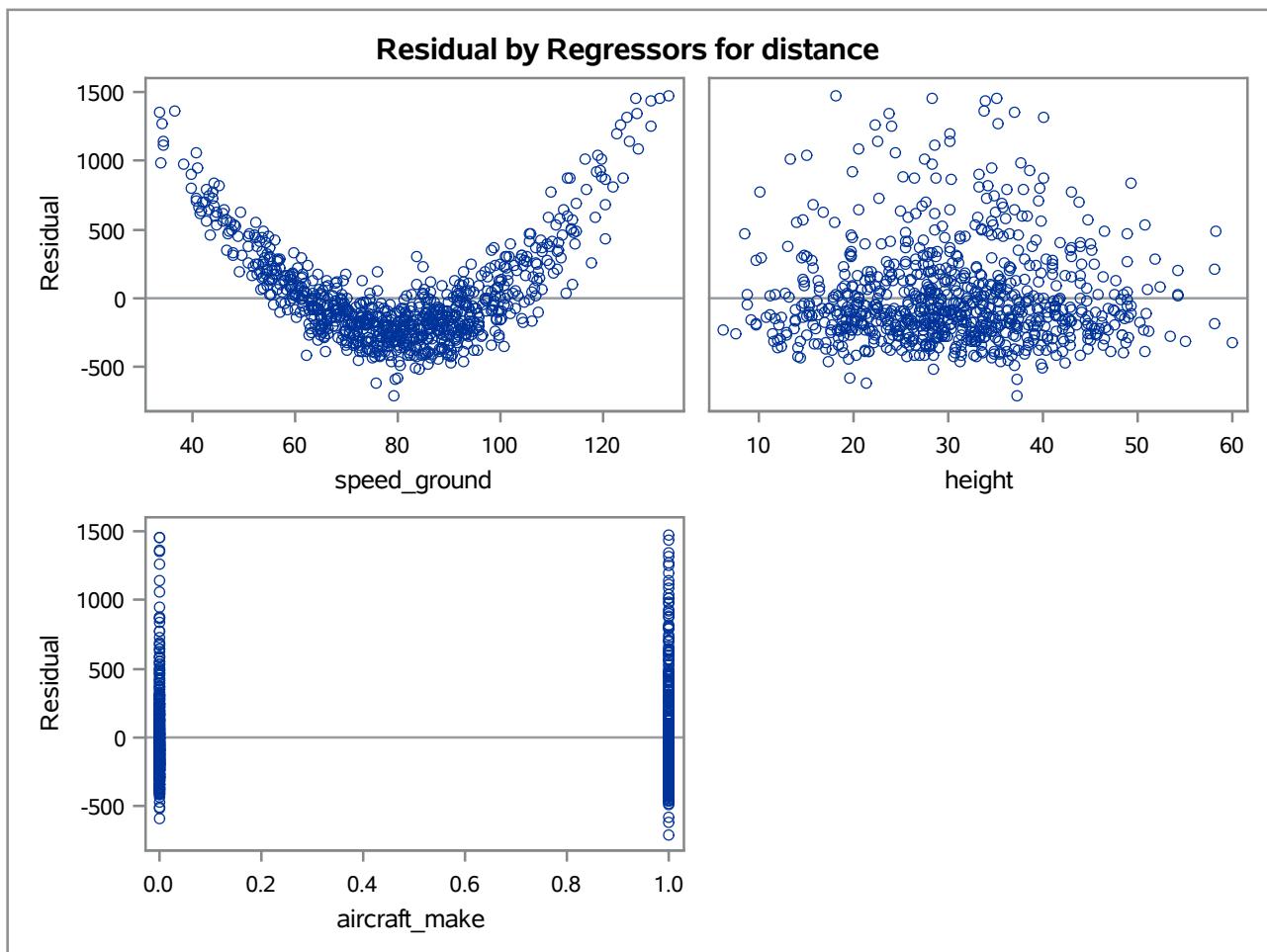


## Regression analysis of the Aircraft Dataset

The REG Procedure

Model: MODEL1

Dependent Variable: distance distance



## Regression analysis of the Aircraft Dataset

**The REG Procedure**

**Model: MODEL1**

**Dependent Variable: distance distance**

<b>Number of Observations Read</b>	831
<b>Number of Observations Used</b>	831

<b>Analysis of Variance</b>					
<b>Source</b>	<b>DF</b>	<b>Sum of Squares</b>	<b>Mean Square</b>	<b>F Value</b>	<b>Pr &gt; F</b>
<b>Model</b>	3	618905549	206301850	3559.25	<.0001
<b>Error</b>	827	47934780	57962		
<b>Corrected Total</b>	830	666840329			

<b>Root MSE</b>	240.75350	<b>R-Square</b>	0.9281
<b>Dependent Mean</b>	1522.48287	<b>Adj R-Sq</b>	0.9279
<b>Coeff Var</b>	15.81322		

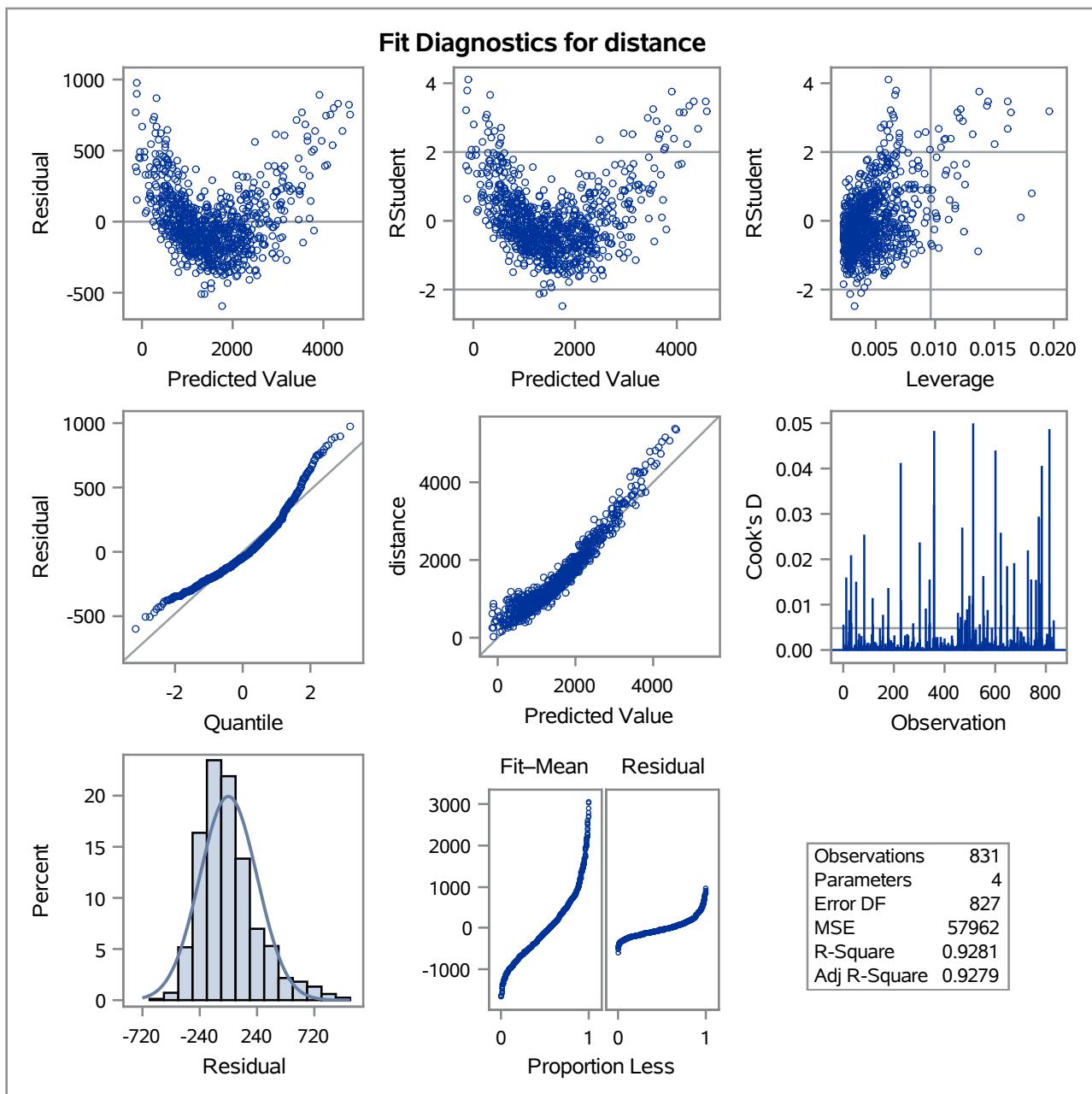
<b>Parameter Estimates</b>						
<b>Variable</b>	<b>Label</b>	<b>DF</b>	<b>Parameter Estimate</b>	<b>Standard Error</b>	<b>t Value</b>	<b>Pr &gt;  t </b>
<b>Intercept</b>	Intercept	1	-945.44865	34.77435	-27.19	<.0001
<b>speed_ground1</b>		1	0.27335	0.00275	99.52	<.0001
<b>height</b>	height	1	14.05637	0.85540	16.43	<.0001
<b>aircraft_make</b>		1	460.52232	16.74721	27.50	<.0001

## Regression analysis of the Aircraft Dataset

**The REG Procedure**

**Model: MODEL1**

**Dependent Variable: distance distance**

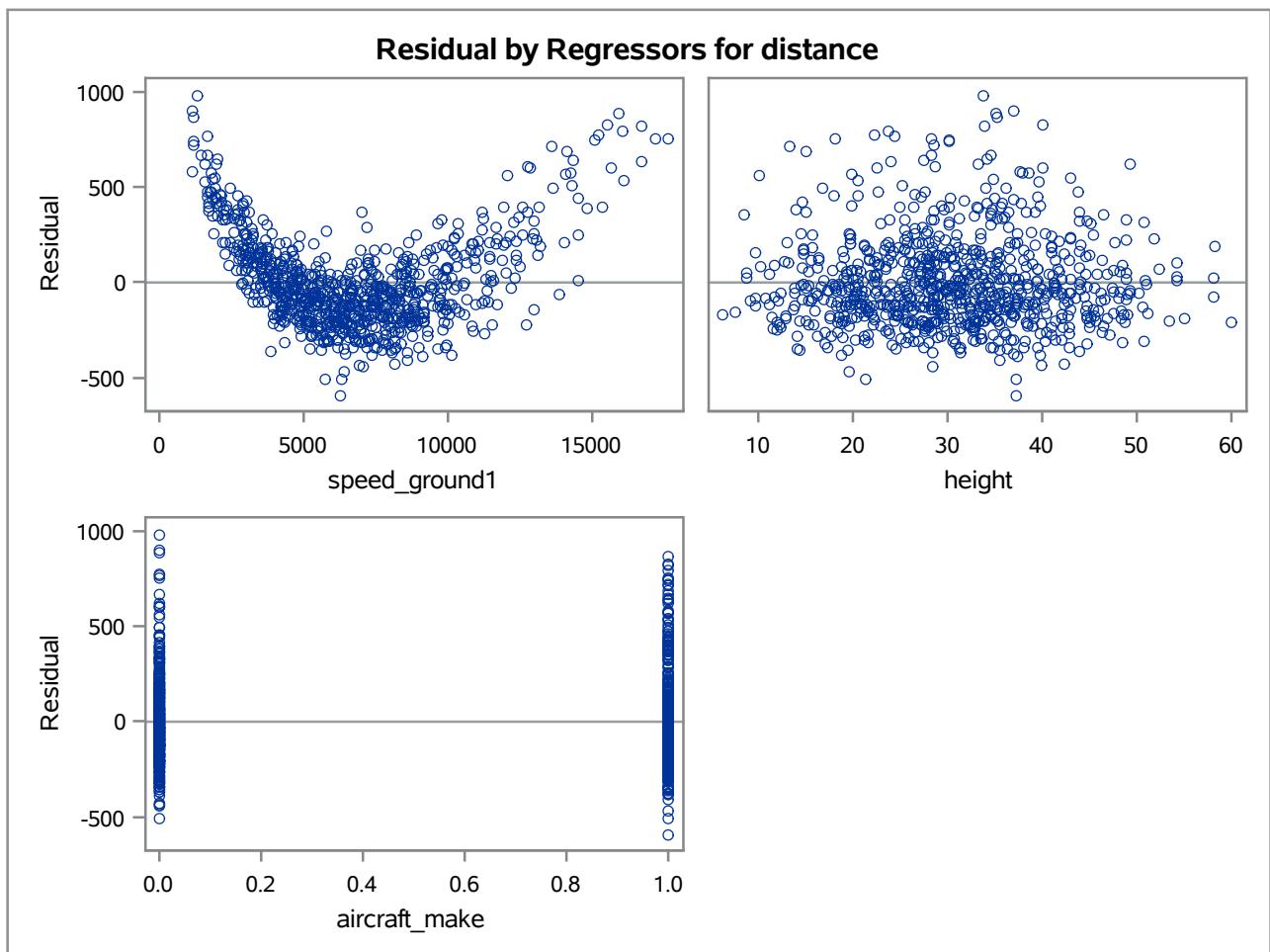


## Regression analysis of the Aircraft Dataset

The REG Procedure

Model: MODEL1

Dependent Variable: distance distance



## Regression analysis of the Aircraft Dataset

### The GLM Procedure

Class Level Information		
Class	Levels	Values
aircraft	2	airbus boeing

Number of Observations Read	831
Number of Observations Used	831

## Regression analysis of the Aircraft Dataset

### The GLM Procedure

**Dependent Variable: distance distance**

Source	DF	Sum of Squares	Mean Square	F Value	Pr > F
<b>Model</b>	3	566080052.9	188693351.0	1548.72	<.0001
<b>Error</b>	827	100760276.3	121838.3		
<b>Corrected Total</b>	830	666840329.2			

R-Square	Coeff Var	Root MSE	distance Mean
0.848899	22.92659	349.0534	1522.483

Source	DF	Type I SS	Mean Square	F Value	Pr > F
<b>speed_ground</b>	1	500382566.8	500382566.8	4106.94	<.0001
<b>height</b>	1	14916377.4	14916377.4	122.43	<.0001
<b>aircraft_make</b>	1	50781108.7	50781108.7	416.79	<.0001

Source	DF	Type III SS	Mean Square	F Value	Pr > F
<b>speed_ground</b>	1	521207999.7	521207999.7	4277.87	<.0001
<b>height</b>	1	15848830.0	15848830.0	130.08	<.0001
<b>aircraft_make</b>	1	50781108.7	50781108.7	416.79	<.0001

## Regression analysis of the Aircraft Dataset

### The TTEST Procedure

**Variable: distance (distance)**

aircraft	Method	N	Mean	Std Dev	Std Err	Minimum	Maximum
<b>airbus</b>		444	1323.3	791.9	37.5833	41.7223	4896.3
<b>boeing</b>		387	1751.0	953.9	48.4869	573.6	5382.0
<b>Diff (1-2)</b>	<b>Pooled</b>		-427.7	871.1	60.5772		
<b>Diff (1-2)</b>	<b>Satterthwaite</b>		-427.7		61.3472		

aircraft	Method	Mean	95% CL Mean		Std Dev	95% CL Std Dev	
			95% CL Lower	95% CL Upper		95% CL Lower	95% CL Upper
<b>airbus</b>		1323.3	1249.5	1397.2	791.9	743.0	847.8
<b>boeing</b>		1751.0	1655.7	1846.3	953.9	891.1	1026.2
<b>Diff (1-2)</b>	<b>Pooled</b>	-427.7	-546.6	-308.8	871.1	831.1	915.1
<b>Diff (1-2)</b>	<b>Satterthwaite</b>	-427.7	-548.1	-307.2			

Method	Variances	DF	t Value	Pr >  t
<b>Pooled</b>	Equal	829	-7.06	<.0001
<b>Satterthwaite</b>	Unequal	752.49	-6.97	<.0001

Equality of Variances				
Method	Num DF	Den DF	F Value	Pr > F
<b>Folded F</b>	386	443	1.45	0.0002

## Regression analysis of the Aircraft Dataset

### The TTEST Procedure

Variable: distance (distance)

