



TWA Flt. 800, B747-131, Takeoff to End of Data
 Tabular Data No. 1, Revised: December 22, 1999, National Transportation Safety Board

Local Time	IAS	Pitch Angle	Elevator Position Right	Mag. Heading	Roll Angle	Rudder Position (upper)	Angle of Attack	EPR Engine 1	EPR Engine 2	EPR Engine 3	PR Engine 4	Long. Accel.	Vert. Accel.	VHF	Pitch Trim Stal Pos (degrees)	
(ref. CVR)	(FEET)	(KNOTS)	(degrees)	(degrees)	(degrees)	(degrees)	(degrees)	(ratio)	(ratio)	(ratio)	(ratio)	(g)	(g)			
	280					0.63 0.63	3 3	1.29	1.24	1.26	1.32	0.11 0.11 0.11 0.11	0.98 0.98 0.98 0.98	Off	4	
20:30:37	13172.00 13187.00	280	4.7 4.3	0.3 0.2	81 81	-1 0	0.63 0.63 0.63	3 3 3	1.29	1.25	1.27	1.32	0.11 0.11 0.11 0.11	0.98 0.98 0.98 0.98	Off	4
20:30:38	13202.00	277 278	4.3	0.2	81	0	0.54 0.63 0.63	3 3 4	1.29	1.25 1.26	1.27	1.32	0.11 0.11 0.11 0.11	0.94 0.92 0.91 0.89	Off Off	4 4
20:30:39	13217.00 13232.00	259	4.0 3.6	0.1 0.3	81 81	0	0.63 0.63 0.72	3 3 3	1.29	1.26	1.28	1.32	0.11 0.11 0.10 0.10	0.88 0.87 0.86 0.86	Off	4
20:30:40	13242.00	278 281	3.6	0.3	81	0	0.72 0.72 0.72	3 3 3	1.29	1.27 1.27	1.28	1.32	0.10 0.10 0.10 0.10	0.86 0.86 0.87 0.86	Off Off	4 3
20:30:41	13257.00 13262.00	282	3.6 3.2	0.3	81 81	0	0.63 0.72 0.72	3 3 3	1.29	1.28	1.29	1.32	0.10 0.10 0.10 0.10	0.86 0.86 0.85 0.85	Off	3
20:30:42	13272.00	282 282	2.9	0.2 0.3	81	0	0.72 0.72 0.72	3 3 3	1.29	1.29 1.30	1.29	1.32	0.10 0.10 0.10 0.10	0.84 0.84 0.83 0.83	Off Off	3 3
20:30:43	13277.00 13282.00	278	2.9 2.5	0.3	81	0	0.72 0.63 0.72	3 4 3	1.29	1.30	1.30	1.32	0.10 0.10 0.10 0.10	0.84 0.85 0.85 0.86	Off	3
20:30:44	13337.00	282 283	2.5	0.3 0.3	77	0	0.63 0.63 0.72	3 3 3	1.29	1.30 1.31	1.30	1.32	0.10 0.11 0.10 0.11	0.86 0.86 0.87 0.87	Off Off	3 3
20:30:45	13287.00 13292.00	284	2.2 1.8	0.2	81 81	0	0.72 0.63 0.72	3 3 3	1.29	1.31	1.30	1.32	0.11 0.11 0.11 0.11	0.88 0.87 0.88 0.88	Off	3
20:30:46	13292.00	284 284	1.8	0.2 0.6	81	0	0.72 0.63 0.72	3 3 3	1.29	1.31 1.31	1.29	1.32	0.11 0.11 0.11 0.11	0.88 0.88 0.88 0.88	Off Off	3 3
20:30:47	13287.00 13287.00	284	1.8	0.5	81 81	0	0.72 0.63 0.72	3 3 3	1.29	1.31	1.31	1.32	0.11 0.11 0.11 0.11	0.89 0.90 0.92 0.94	Off	4
20:30:48	13282.00	286 286	2.2 2.2	0.7 0.7	81	1 1	0.72 0.72 0.72	4 3 3	1.29	1.31 1.31	1.31	1.32	0.11 0.11 0.11 0.11	0.95 0.98 0.98 0.98	Off Off	4 4
20:30:49	13332.00 13277.00	287	2.5	0.7	77	1	0.72 0.72 0.72	3 3 3	1.29	1.31	1.32	1.32	0.11 0.12 1.01 1.02	0.99 1.00 1.02 1.03	Off	4
20:30:50	13277.00	288 288	2.9	0.7	81	1	0.63 0.72 0.63	3 3 3	1.29	1.30 1.31	1.31	1.32	0.12 0.12 1.04 1.04	1.04 1.04 1.05 1.07	Off	4
20:30:51	13277.00	288	3.2	0.5	81	1	0.63 0.63 0.72	3 3 3	1.30	1.30	1.31	1.32	0.12 0.12 1.08 1.09	1.08 1.09 1.09 1.09	Off Off	4
20:30:52	13277.00 13282.00	288	3.6 4.0	0.7 0.5	81 81	1 1	0.72 0.63 0.72	3 4 3	1.30	1.30 1.30	1.32	1.32	0.12 0.12 1.09 1.11	1.10 1.09 1.09 1.11	Off	4
20:30:53	13292.00	297 288	4.0	0.5	82	1	0.72 0.63 0.72	3 4 4	1.31	1.30	1.32	1.32	0.12 0.12 1.11 1.11	1.11 1.11 1.11 1.11	Off Off	4
20:30:54	13357.00 13312.00	288	4.3 4.3	0.4 0.3	78 82	0 1	0.72 0.72 0.72	3 3 3	1.31	1.30 1.30	1.32	1.32	0.12 0.13 1.11 1.11	1.11 1.11 1.11 1.11	Off	4
20:30:55	13327.00	290 286	4.7	0.3	82	1	0.72 0.72 0.72	4 3 3	1.31	1.30	1.32	1.32	0.12 0.12 1.10 1.09	1.10 1.10 1.09 1.08	Off Off	4
20:30:56	13342.00 13362.00	290	5.0 5.0	0.2 0.3	82 82	1 1	0.72 0.72 0.72	3 3 3	1.31	1.30 1.30	1.31	1.31	0.12 0.12 1.08 1.07	1.08 1.06 1.06 1.05	Off	4
20:30:57	13382.00	296 287	5.0	0.2	82	1	0.72 0.72 0.72	3 3 3	1.32	1.30	1.31	1.31	0.12 0.12 1.04 1.03	1.04 1.04 1.04 1.03	Off Off	4
20:30:58	13402.00 13487.00	286	5.0 5.0	0.0 0.3	82 77	1 1	0.72 0.72 0.72	4 3 3	1.31	1.29	1.31	1.31	0.11 0.11 0.11 0.11	1.00 0.99 0.98 0.97	Off	4
20:30:59	13447.00	295 288	5.0	0.0	82	1	0.63 0.63	3 3	1.31	1.29	1.31	1.31	0.11 0.11 0.11 0.11	0.97 0.96 0.96 0.95	Off	4
20:31:00	13467.00 13492.00	286	5.0 5.0	0.2 0.0	82 82	0 0	0.63 0.63 0.63	3 3 3	1.31	1.29	1.31	1.30	0.11 0.11 0.11 0.11	0.95 0.94 0.93 0.93	Off	4

