## <u>ATTACHMENT I</u>

**Tabular Printout** 

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America West Flight 50

COMAIR Flt 3272, Accident, DCA97MA017 Preliminary Data, Revised: March 06, 1997

Organization Name (see system.cfg file)

FOR	TAT	Latitude:	Longitude:	Pressure		Airspeed:	Wing	Wing	Eng 1: Inlet	Eng 2: Inlet	SAT_K,75	SAT_K.85	SAT_K1.0
Elapse Ti <b>me</b>		(deg)	(deg)	Altitude (feet)	(number)	(knots)	Anti-Ice LH Closed (0-closed)	Anti-Ice RH Closed (0-closed)	Anti-Ice (1-open)	Anti-Ice (1-open)	(deg C)	(deg C)	(deg C)
07:45:00 07:45:01	-6		-87	30921 30921		263 263	Closed Closed	Closed Closed	Off Off	Off Off			
07:45:02 07:45:03 07:45:04	-6 -6	40	-87	30919 30918 30915	0.78 0.78 0.78	263 263 263 264	Closed Closed	Closed Closed	Off Off	Off Off	-28.6 -28.7 -28.7	-31.3 -31.3 -31.4	-35.2 -35.2 -35.3
07:45:05 07:45:06 07:45:07	-6	40		30913 30912	0.78 0.78 0.78 0.78	2 <del>6</del> 4 264	Closed Closed Closed	Closed Closed Closed	Off Off Off	Off Off Off	-28.7 -28.7 -28.7 -28.7	-31.4 -31.4 -31.4	-35.3
07:45:08 07:45:09	-6	40	-87	30911 30906 30907	0.78 0.78 0.78	264 263 263	Closed Closed Closed	Closed Closed Closed	Off Off Off	Off Off Off	-28.7 -28.7 -28.7	-31.4 -31.4 -31.4	-35.3 -35.3
07:45:10 07:45:11 07:45:12	·6	40	-87	30904 30904 30901	0.78 0.78	26 <b>4</b> 26 <b>4</b>	Closed Closed	Closed Closed	Off Off	Off Off	·28.7 ·28.7	-31.4 -31.4	-35.3 -35.3
07:45:13 07:45:14	-6		-67	30903 30902	0.78 0.78 0.78	264 264 264	Closed Closed Closed	Closed Closed Closed	Off Off Off	Off Off Off	-28.7 -28.7 -28.7	-31.4 -31.4 -31.4	-35.3 -35.3 -35.3 -35.3 -35.3 -35.3 -35.3 -35.3 -35.3
07:45:15 07:45:16 07:45:17	-6	40	-87	30901 30902 30902	0.78 0.78 0.78	264 264 264	Closed Closed Closed	Closed Closed Closed	0ff 0ff 0ff	0ff 0ff 0ff	-28.7 -28.7 -28.7	-31.4 -31.4 -31.4 -31.4	-35.3 -35.3
07:45:18 07:45:19 07:45:20	-6 -6	40	-87	30901 30903 30904	0.78 0.78 0.78	264 264 264	Closed Closed	Closed Closed	Off Off	Óff Off	·28.7	-31.4	-35.3 -35.3
07:45:21 07:45:22	-6	40	-07	30906 30905	0.78 0.78	264 264	Closed Closed Closed	Closed Closed Closed	Off Off Off	Off Off Off	·28.7 ·28.7 ·28.7	-31.4 -31.4 -31.4	-35.3 -35.3 -35.3 -35.3 -35.3 -35.3 -35.3
07:45:23 07:45:24 07:45:25 07:45:26	-6	40	-87	30905 30902 30899	0.78 0.78 0.78	264 264 264	Closed Closed Closed	Closed Closed Closed	Off Off Off	0ff 0ff 0ff	-28.7 -28.7 -28.7	-31.4 -31.4 -31.4	·35.3
07:45:26 07:45:27 07:45:28	-6 -6	40	67	30894 30887	0.78 0.78	264 264	Closed Closed	Closed Closed	Off Off	Off Off	-28.7 -28.7	·31.4 -31.4	-35.3 -35.3 -35.3 -35.3 -35.3 -35.2 -35.2
07:45:29 07:45:30 07:45:31	-6		-87	30875 30866 30856	0.78 0.78 0.78 0.78	264 263 263	Closed Closed Closed	Closed Closed Closed	Off Off Off	Off Off Off	-28.7 -28.6 -28.6	-31.4 -31.3 -31.3	-35.3 -35.2 -35.2
07:45:31 07:45:32 07:45:33 07:45:34	-6	40	-87	30848 30829 30818	0.78 0.78 0.78	263 263 263	Closed Closed Closed	Closed Closed Closed	Off Off Off	Öff Öff Öff	-28.6 -28.6	-31.3 -31.2 -31.2	-35.1 -35.1
07:45:34 07:45:35 07:45:36	.7 .7	40	07	30805 30794	0.78 0.78 0.78	263 263 263	Closed Closed	Closed Closed	Off Off	Off Off	-28.6 -28.7 -28.8 -28.8	-31.2 -31.2 -31.4 -31.4	-35.2 -35.3
07:45:37 07:45:38	-7		-87	30772 30763 30751	0.77 0.77	263 263	Closed Closed Closed	Closed Closed Closed	0ff 0ff 0ff	Off Off Off	-28.8 -28.8 -28.9	-31.4 -31.4 -31.5 -31.6	-35.3 -35.3 -35.4
07:45:39 07:45:40 07:45:41	<del></del>	40	-87	30739 30716 30704	0.77 0.77 0.78	263 264 264	Closed Closed Closed	Closed Closed Closed	Off Off Off	Off Off Off	-29.0 -29.0 -29.0	-31.6 -31.7 -31.7	-35.1.1 -35.2.3 -35.3.3 -35.5.5 -35.5.6 -35.5.6 -35.5.6 -35.4 -35.4
07:45:42 07:45:43 07:45:44	-7 -7	40	97	30693 30681	0.78 0.78	264 264 264	Closed Closed	Closed Closed	Off:	Off Off	-29.0 -29.0	-31.7 -31.7	-35.6 -35.6
07:45:45 07:45:46	-7		- 87	30658 30645 30633	0.78 0.78 0.78	264 265 265	Closed Closed Closed	Closed Closed Closed	Off Off Off	Off Off Off	-28.9 -28.8 -28.8	-31.6 -31.5 -31.5 -31.5	·35.5 ·35.4 ·35.4
07:45:47 07:45:48 07:45:49	-7	40	-87	30621 30596 30584	0.78 0.78 0.78 0.78	265 265 265	Closed Closed Closed	Closed Closed Closed	Off Off Off	Off Off	-28.8 -28.8 -28.8	-31.5	-35.4
07:45:50 07:45:51	-7	40	0.7	30572 30561	0.78	265 265	Closed Closed	Closed	Off Off	Off Off Off	-28.8 -28.8 -28.8 -28.7	-31.5 -31.5 -31.5	-35.4 -35.4 -35.4
07:45:52 07:45:53 07:45:54	-6 -6		-87	30534 30522 30511	0.78 0.78 0.78	265 265 265	Closed Closed Closed	Closed Closed Closed	Off Off Off	Off Off Off	-28.6	·31.4	-35.3 -35.2 -35.2
07:45:55 07:45:56 07:45:57	-6	40	-87	30498 30473 30461	0.78 0.78 0.78	266 266 266	Closed Closed Closed	Closed Closed	Off Off Off	Off Off	-28.6 -28.6 -28.6	-31.2 -31.3 -31.3	-35.4 -35.3 -35.2 -35.2 -35.2 -35.2 -35.2 -35.2
07:45:57 07:45:58 07:45:59 07:46:00	·6	40	67	30448 30435	0.78 0.78	266 266	Closed Closed	Closed Closed Closed	Off Off	Off Off Off	-28.6 -28.7 -28.7	-31.3 -31.3 -31.3 -31.4	-35.2 -35.3
07:46:01 07:46:02	-6 -6		-87	30412 30401 30387	0.78 0.78 0.78	266 267 267	Closed Closed Closed	Closed Closed Closed	Off Off Off	Off Off Off	-28.7 -28.7 -28.7	-31.4 -31.4 -31.4	-35.3 -35.3 -35.3
07:46:03 07:46:04 07:46:05	-6	40	-87	30374 30351 30339	0.78 0.78 0.78	267 267 267	Closed Closed Closed	Closed Closed Closed	Off Off Off	Off Off Off	-28.7 -28.7 -28.6	-31.4 -31.3 -31.1	-35.3 -35.2 -35.1
07:46:06 07:46:07 07:46:08	-6 -6	40	-87	30325 30312 30287	0.78 0.78	267 268 268	Closed Closed	Closed Closed	Off Off	Off Off	-28.5 -28.5 -28.5	-31.1	-35.1
07:46:09 07:46:10	-6		-67	30274 30262	0.78 0.78 0.78	268 268	Closed Closed Closed	Closed Closed Closed	Off Off Off	Off Off Off	-28.5 -28.5 -28.5 -28.7 -28.8	-31.2 -31.2 -31.2 -31.3	-35.1 -35.1 -35.1 -35.3
07:46:11 07:46:12 07:46:13	-6	40	-87	30249 30226 30213	0.78 0.78 0.78	268 268 268	Closed Closed Closed	Closed Closed Closed	Off Off Off	Off Off Off	-28.8 -28.7 -28.7	-31.5 -31.5 -31.4	25 4
07:46:14 07:46:15 07:46:16	·6 -6	40	-87	30200 30188	0.78 0.78	268 268	Closed Closed	Closed	Off Off	Off Off	-28.7 -28.7	-31.4 -31.4	-35.4 -35.3 -35.3 -35.3 -35.2 -35.2 -35.2
07:46:17 07:46:18 07:46:19	-6	40	-0/	30163 30152 30140	0.78 0.78 0.78 0.78	268 268 268	Closed Closed Closed	Closed Closed Closed	Off Off Off	Off Off Off	-28.7 -28.7 -28.7	-31.3 -31.3 -31.3	-35.3 -35.2 -35.2
07:46:20 07:46:21 07:46:22	6	40	-87	30128 30104 30091	0.78 0.78 0.78 0.78	268 268 268	Closed Closed Closed	Closed Closed Closed	Off Off Off	Off Off Off	-28.7 -28.6 -28.6	-31.3 -31.3 -31.3	-35.2 -35.2
07:46:22 07:46:23 07:46:24	-6 -6	40	-87	30079 30067 30043	0.781	268 268 268	Closed Closed	Closed	Off Off	Off Off	-28.6 -28.6	-31.3 -31.3 -31.3	-35.2 -35.2 -35.2 -35.2 -35.2 -35.2 -35.2 -35.2 -35.2 -35.2
07:46:25 07:46:26 07:46:27	-6	40		30031 30017	0.78 0.78 0.78	268 268 268	Closed Closed Closed	Closed Closed Closed	Off Off Off	Off Off Off	-28.6 -28.6 -28.6	-31.3 -31.3 -31.3 -31.3	-35.2 -35.2 -35.2
07:46:28 07:46:29	-6	40	-87	30004 29979 29966	0.78 0.78 0.78	268 268 268	Closed Closed Closed	Closed Closed Closed	Off Off Off	Off Off Off	-28.6 -28.6 -28.6	-31.3 -31.3 -31.2	-35,2 -35,2
07:46:30 07:46:31 07:46:32	-6 -6	40	- 87	29955 29942 29917	0.78 0.78 0.77	268 268 268	Closed Closed Closed	Closed Closed	Off Off	Off Off	-28.6 -28.5	-31.2	-35.1
07:46:32 07:46:33 07:46:34 07:46:35	-7	40		29906 29891	0.77	268 269	Closed Closed	Closed Closed Closed	Off Off Off	Off Off Off	-28.5 -28.5 -28.7	-31.2 -31.2 -31.3 -31.4	-35.1 -35.1 -35.2
07:46:36 07:46:37 07:46:38	-7	40	-87	29878 29852 29837	0.77 0.77 0.78	269 269 269	Closed Closed Closed	Closed Closed Closed	Off Off Off	Off Off Off	-28.8 -28.8 -28.8	-31.4 -31.4	-35.2 -35.3 -35.3 -35.3
07:46:38 07:46:39 07:46:40	-7 -7	40	-87	29825 29810 29784	0.78 0.78 0.78	269 269 269	Closed Closed Closed	Closed	Off Off	Off Off	-28.8 -28.8 -28.8	·31.5	·35.4 ·35.4
07:46:41 07:46:42 07:46:43	-7	40	-0/	29770 29757	0.78 0.78	270 270	Closed	Closed Closed Closed	Off Off Off	Off Off Off	-28.8 -28.8	-31.4 -31.4 -31.5 -31.5 -31.5 -31.5 -31.5	-35.4 -35.4 -35.4
07:46:44 07:46:45	-6	40	-87	29745 29714 29700	0.78 0.78 0.78	270 270 270	Closed Closed Closed	Closed Closed Closed	Off Off Off	Off Off Off	-28.8 -28.7	-31.5 -31.3	-35.3 -35.2 -35.1
07:46:46 07:46:47 07:46:48	·6	40	- 87	29683 29669 29638	0.78 0.78	270	Closed Closed Closed	Closed	Off Off	Off Off	-28.6 -28.6	-31.3 -31.2 -31.2 -31.3 -31.3 -31.3 -31.4 -31.3	-35.2 -35.2 -35.2
07:46:49 07:46:50 07:46:51	-6	40	-07	29622 29609	0.78 0.78 0.78	271 271 271	Closed Closed	Closed Closed Closed	Off Off Off	Off Off Off	-28.6 -28.6 -28.6 -28.6 -28.7 -28.7	-31.3 -31.3 -31.4	-35.2 -35.3
07.40:51		40		29591	0.78	272	Closed	Closed	Off	Off	-28.7	-31.3	-35.3

					01		DU		· 1	A	-17 V 3F	FIFT WITH	FIT VI A
FDR Elapse Time	TAT	Latitude: Coarse	Longitude: Coarse (deg)	Pressure Altitude (feet)		Airspeed: Computed (knots)	Wing  Anti-Ice  LH Closed  (0-closed)	Wing Anti-Ice RH Closed (0-closed)	Eng 1: Inlet Anti-Ice (1-open)	Eng 2: Inlet Anti-Ice (1-open)	(deg C)	SAT_K.85 (deg C)	(deg C)
07:46:52	-6	(deg)	(deg) -87	29563 29547	0.78 0.78	272 272	Closed	Closed Closed	Off	Off	-28.6	-31.2	-35.2 -35.1
07:46:53 07:46:54 07:46:55	-6	40		29547 29531 29516	0.78 0.78	272 272 272	Closed	Closed Closed Closed	Öff Off Off	Off Off Off	-28.5 -28.5	-31.1 -31.1 -31.2	-35.1 -35.1
07:46:56 07:46:57	-6 -6		-87	29490 29474 29459	0.78 0.78 0.78	272 272 272 272	Closed Closed	Closed Closed Closed	0ff 0ff 0ff	0ff 0ff 0ff	-28.5 -28.5 -28.5	-31.2 -31.2 -31.1	-35.1 -35.1 -35.1
07:46:58 07:46:59 07:47:00	-6	40	-87	29445 29419	0.78	273 273	Closed	Closed Closed	Off Off	Off Off	-28.5 -28.5 -28.5	-31.2 -31.2	-35.1 -35.1
07:47:01 07:47:02 07:47:03	-6	40		29404 29390 29379	0.78 0.78 0.78	273 273 273	Closed Closed Closed	Closed Closed Closed	0ff 0ff 0ff	0ff 0ff 0ff	-28.5 -28.4 -28.3	-31.2 -31.0 -31.0	-35.1 -35.0 -34.9
07:47:04 07:47:05	-6 -		-87	29354 29343 29333	0.78 0.78 0.78	273 272 272	Closed Closed	Closed Closed Closed	0ff 0ff 0ff	Off Off Off	-28.3 -28.4 -28.4	-31.0 -31.1 -31.1	-34.9 -35.0 -35.0 -35.0
07:47:06 07:47:07 07:47:08	·6	40	-87	29323 29302	0.78 0.78	272	Closed	Closed	Off Off	Off Off	-28.4 -28.3 -28.3	-31.0 -31.0	-34.9 -34.9
07:47:09 07:47:10 07:47:11	-6	40		29294 29287 29277	0.77 0.77 0.77 0.77	272 272 272 272	Closed	Closed Closed Closed	0ff 0ff 0ff	0ff 0ff 0ff	-28.3 -28.3 -28.2	-30.9 -30.9 -30.9	-34.8 -34.8 -34.8
07:47:12 07:47:13	-6	, ,,	-87	29264 29257 29251	0.77 0.77 0.77 0.77	272 272 271	Closed Closed	Closed Closed	0ff 0ff 0ff	0ff 0ff 0ff	-28.2 -28.2	-30.9 -30.9 -30.8	34.8 34.7
07:47:14 07:47:15 07:47:16	-6	40	-87	29243 29232 29224	0.77	271 271	Closed	Closed Closed Closed	0ff 0ff	Off Off	-28.2 -28.2 -28.2	-30.8 -30.8	-34.7
07:47:17 07:47:18 07:47:19	-6	40		29224 29217 29211	0.77 0.77 0.77	271 271 271 271	Closed Closed Closed		Off	0ff 0ff 0ff	-28.2 -28.1 -28.1	-30.8 -30.8 -30.8	-34.7 -34.7 -34.7
07:47:20 07:47:21	-6	1	-87	29197 29191	0.77 0.77 0.77	271	Closed	Closed	Off Off	Off Off	-28.1 -28.1 -28.1 -28.1	-30.8 -30.7	-34.6 -34.6 -34.6
07:47:22 07:47:23 07:47:24	-6	40	-87	29181 29172 29158	0.77 0.77 0.77	271 271 271	Closed	Closed	Off	0ff 0ff 0ff	-28.0 -28.0	-30.7 -30.7 -30.6	1 -34.5
07:47:25 07:47:26	-6	40	j	29151 29144 29135	0.77 0.77 0.77	271 271 271 271	Closed Closed	Closed Closed	Off Off	Off Off Off	-28.0 -28.0	-30.6	-34.5 -34.5
07:47:27 07:47:28 07:47:29	-6	40	-87	29120 29112	0.77	271 271	Closed Closed	Closed Closed	Off Off	Off Off	-28.0 -28.0	-30.6 -30.6	34.4
07:47:30 07:47:31 07:47:32	-6 -6	40	-87	29107 29097 29082	0.77 0.77 0.77	271 271 271	Closed	Closed	0ff	Off Off	-28.0	-30.6 -30.6	-34.4
07:47:33 07:47:34	-6			29074 29066	0.77	271 271	Closed Closed	Closed Closed	Off Off	Off Off	-27.9 -27.9	-30.6 -30.6	-34.4 -34.4
07:47:35 07:47:36 07:47:37	-6	40	-87	29057 29041 29031	0.77 0.77 0.77	271 271 271	Closed Closed	Closed Closed	Off Off	Off Off Off	27.9	-30.6 -30.6 -30.6	-34.4 -34.4
07:47:38 07:47:39	-6	40	-87	29024 29016 29001	0.77 0.77	271 271 271	Closed	Closed Closed	Off	Off Off Off	27.9	-30.6 -30.6	-34.4
07:47:40 07:47:41 07:47:42	-6 -6		-6/	28989 28983	0.77 0.77 0.77	271 271	. Closed	Closed Closed	Off Off	Off Off	-27.9 -27.9	-30.5	-34.4 -34.3
07:47:43 07:47:44 07:47:45	-6	40	-87	28977 28961 28955	0.77 0.77 0.77	271 271 271	Closed	Closed	011	Off	27.9 27.8	-30.5 -30.5 -30.5	34.3
07:47:46 07:47:47	-6	40		28949 28941	0.77 0.77	271 271	Closed Closed	Closed Closed	Off Off	Off	-27.8 -27.8	-30.4 -30.4	-34.3
07:47:48 07:47:49 07:47:50	-6		-87	28929 28924 28918	0.76 0.76 0.76	270 270	Closed Closed	[ Closed	Off Off	Off Off	-27.8 -27.8	-30.4 -30.3	-34.2 -34.2
07:47:51 07:47:52 07:47:53	-6	40	-87	28912 28902 28896	0.76 0.76 0.76	270	Closed	Closed	Off	Off	-27.9	I -30.5	-34.2 34.3 34.4
07:47:54 07:47:55	-6	40		28893 28893	0.76 0.76	270 270	Closed Closed	Closed Closed	Öff Off	0ff 0ff	-27.8 -27.7	-30.4 -30.3	34.1
07:47:56 07:47:57 07:47:58	-6 -6	ŀ	-87	28887 28888 28887	0.76 0.76 0.76	270 270	Closed Closed	Closed Closed	Off Off	Off	·27.7 ·27.7	-30.3 -30.3 -30.3	-34.1
07:47:59 07:48:00 07:48:01	-6	<del>4</del> 0	-87	28887 28889 28889		1 270	Closed	l  Closed	l  Off	' Off	-27.7	1 -30.3	1 .34.1
07:48:02 07:48:03	-6	40		28891 28893	0.76	270	Closed Closed	Closed Closed	0ff 0ff	Off Off	·27.6	I -30.2	-34.0 -34.0
07:48:04 07:48:05 07:48:06	-6 -6		-87	28897 28899 28900	0.76 0.76 0.76	i  270	Closed Closed	[ Closed	l Off	Off	-27.6 -27.6	-30.2	-34.0 -34.0 -34.0
07:48:07 07:48:08 07:48:09	-6	40	-87	28903 28904 28905	0.76	il 270	) Closed	i  Closed	l  Off	'  Off	.27.7	30.2 -30.3	-34.0 -34.0
07:48:10 07:48:11	-6	40		28905 28906	0.76 0.76 0.76	i  270	Closed	Closed Closed	0f1	Off Off	27.7	·30.3 ·30.3 ·30.3	
07:48:12 07:48:13 07:48:14 07:48:15	-6 -6	1	-87	28908 28906 28907	0.76	ii 270	) Closed	l Closed	Off Off	Off Off	-27.7 -27.7	-30.3 -30.3 -30.3 -30.3	-34.1 -34.1 -34.1
07:48:15 07:48:16 07:48:17	-6	40	-87	28907 28906 28905	0.76 0.76	il 276	Closed Closed	Closed	1ì Of 1	' Off	-21.7	1 -30.3	11 - 34 1
07:48:18 07:48:19	-6	40		28906 28907	0.76	il 270	Closed	Closed Closed	Ofi Ofi	Off Off	27.7	30.3	34.1
07:48:20 07:48:21 07:48:22	-6		-87	28906 28906 28905	0.76	SI 270	) Closed	il Closed	i  0f1	r Off	•27.7	-30.3 -30.3 -30.3	-34.1 -34.1 -34.1
07:48:23 07:48:24	-6	40	-87	28904 28906	0.76	270	Closed Closed	i Closed	1 Of 1	0f1 0f1	-27.7	30.3 30.3	34.1 34.1
07:48:25 07:48:26 07:48:27	-6	40		28906 28906 28906	0.76 0.76	51 270	)  Closed	1 Closed	0f1	0f1	27.7	'I -30.3	-34.1 -34.1 -34.1 -34.1 -34.1 -34.1 -34.1
07:48:28 07:48:29 07:48:30	-6		-87	28907 28907 28907	0.76	270 270 270	Closed Closed	Close Close	Of i	r  0f1	-27.7	30.3	-34.1 -34.1
07:48:31 07:48:32	-6	40	-87	28906 28908	0.76	51 276	Closed Closed	Closed Closed	i Off	f Off	-27.7 -27.7	-30.3 -30.3 -30.3	-34.1 -34.1
07:48:33 07:48:34 07:48:35	-6	40		28908 28906 28907	0.76	270	Closed Closed	d Close	i  0f1	Off Of	-27.7 -27.7	30.3	34.1 34.1 34.2
07:48:36 07:48:37 07:48:38	ء. ا		-87		0.76	27	Closed	Close	Off	Ofi Of	-27.6 -27.8	30.4	34.2
07:48:39 07:48:40 07:48:41 07:48:42	-6	40	-87	28909 28908	0.76	27	L Closed	Closed Close	1 0f1	f 0f1	FI .27 P	≀! .30.4	34.2 -34.2
07:48:41 07:48:42 07:48:43	-6	40	,	28909 28907 28911	0.76 0.76 0.76	5 270	D Closed	i Closed	t  Of1	f  Of1	f -27.8	-30.4 -30.4 -30.4	34.2 -34.2

FDR	TAT	Latitude:	Longitude:	Pressure		Airspeed:	Wing	Wing	Eng 1: Inlet	Eng 2: Inlet	SAT_K.75	SAT_K.85	SAT_K1.0
Elapse Time		(deg)	(deg)	Altitude (feet)	(number)	(knots)	Anti-Ice LH Closed (0-closed)	Anti-Ice RH Closed (0-closed)	Anti-Ice (1-open)	Anti-Ice (1-open)	(deg C)	(deg C)	(deg C)
07:48:44 07:48:45 07:48:46	-6 -6		-87	28906 28909 28910	0.76 0.76 0.76		Closed Closed Closed	Closed Closed Closed	Off Off Off	Off Off Off	-27.7 -27.7 -27.7	-30.4 -30.4 -30.4	-34.2 -34.2 -34.2
07:48:47 07:48:48 07:48:49	-6	40	-87	28908 28909 28910	0.76 0.76 0.76	270 270 270	Closed Closed Closed	Closed Closed Closed	Off Off	Off Off Off	-27.7 -27.7	-30.4 -30.3 -30.3	-34.2 -34.2 -34.2 -34.1
07:48:50 07:48:51 07:48:52	-6 -6	40	-87	28909 28908 28910	0.76 0.76 0.76	270 270 270	Closed Closed	Closed Closed Closed	Off Off	0ff 0ff 0ff	-27.7 -27.7	36.3	-34.1 -34.1 -34.1
07:48:53 07:48:54 07:48:55	-6	40		28909 28910 28911	0.76 0.76 0.76	270	Closed Closed	Closed Closed	Off Off	Off Off Off	-27.7 -27.7 -27.7 -27.7 -27.8 -27.7	-30.3 -30.3 -30.4	-34.1 -34.2 -34.2 -34.2 -34.2 -34.2
07:48:56 07:48:57 07:48:58	-6 -6	1	-87	28910 28911 28910	0.76 0.76 0.76	271 270	Closed Closed	Closed Closed Closed	Off Off	0ff 0ff 0ff	-27.7 -27.8 -27.7	-30.4 -30.4 -30.4	-34.2 -34.2 -34.2
07:48:59 07:49:00 07:49:01	-6	40	-87	28912 28912 28913	0.76 0.76 0.76	270 271	Closed Closed	Closed	Off Off	Off Off Off	-27.7 -27.7 -27.7 -27.7	1 -30.4	
07:49:02 07:49:03 07:49:04	-6 -6	40	-87	28911 28913 28913	0.76 0.76 0.76	270 270	Closed Closed	Closed Closed	Off Off	Off Off Off	1 -27.7	-30.4	-34.2 -34.2 -34.2
07:49:05 07:49:06 07:49:07	-6	40	'0'	28914 28913 28914	0.76 0.76 0.76	270 270	Closed Closed	Closed Closed	Off Off	Off Off Off	-27.7 -27.7 -27.7 -27.7	-30.4 -30.4 -30.4	-34.2 -34.2 -34.2 -34.2 -34.2 -34.2 -34.2 -34.2
07:49:08 07:49:09	-6		-87	28916 28916 28917		270 270	Closed Closed	Closed Closed	Off Off	Off Off Off	-27.7 -27.7 -27.7	-30.3 -30.3 -30.3	-34.2 -34.1 -34.1
07:49:10 07:49:11 07:49:12	-6 -6	40	-86	28916 28918 28919	0.76 0.76 0.76	270 270	Closed Closed	Closed Closed	Off Off	Off Off Off	-27.7	1 - XII X	l -34 1
07:49:13 07:49:14 07:49:15	-6	40	0.0	28918 28918 28917	0.76 0.76	270 270	Closed Closed	Closed Closed	Off Off	Öff Off Off	-27.7 -27.7 -27.7	-30.3	-34.1 -34.1 -34.1
07:49:16 07:49:17 07:49:18	-6 -6		-86	28919 28920 28920 28918	0.76	270 270	l Closed	Closed Closed	Off Off	Off Off Off	·27.7	-30.3 -30.3 -30.3 -30.3	34.1
07:49:19 07:49:20 07:49:21	-6		-86	28917 28915	0.76 0.76 0.76	270 270	Closed	Closed Closed	Off Off	Off Off	27.7	-30.3 -30.3	-34.1 -34.2
07:49:22 07:49:23 07:49:24	-6 -6	40	-86	28913 28912 28910	0.76	271 271	Closed	Closed	Off Off	Off Off Off	-27.7	-30.4 -30.4	-34.2 -34.2
07:49:25 07:49:26 07:49:27	-6	40	,,	28908 28906 28905	0.76	271 271	Closed Closed	Closed Closed	Off Off	Off Off Off	-27.7	-30.4 -30.4	-34.2 -34.2
07:49:28 07:49:29 07:49:30	·6 -6		-86	28901 28901	0.76	271 271	Closed Closed	Closed Closed	Off Off	Off Off	·27.8	-30.4 -30.4	-34.2 -34.2
07:49:31 07:49:32 07:49:33	-6	1	-86	28900 28900 28901	0.76 0.76	271 271	Closed	Closed Closed	Off Off	Off Off	·27.8	-30.4 -30.4	-34.2 -34.2 -34.2 -34.2 -34.2 -34.2 -34.2 -34.2 -34.2
07:49:34 07:49:35 07:49:36	·6	40	-86		0.76	271 271	.l Closed	Closed Closed	Off Off	0ff 0ff 0ff 0ff	·27.8	-30.4 -30.4	-34.2 -34.2
07:49:37 07:49:38 07:49:39	-6	40		28904 28904 28904	0.76 0.76	271 271	Closed	Closed Closed	Off Off	Off Off	-27.8 -27.8	-30.4 -30.4	-34.2 -34.2
07:49:40 07:49:41 07:49:42	·6		-86	28910 28909	0.77	'  271	Closed Closed	Closed Closed	Off Off	Off Off	-27.8 -27.8	-30.4 -30.4	
07:49:43 07:49:44 07:49:45	-6		-86	28912	0.77 0.77	271 271	Closed Closed	Closed Closed	i Öff Off	l Off	-27.8	-30.4 -30.4	-34.3 -34.2
07:49:46 07:49:47 07:49:48	-6 -6	40	-86	28913 28914 28915	0.77	271	Closed	Closed Closed	Off Off	Off Off	-27.8	-30.4	1 3/12
07:49:49 07:49:50 07:49:51	-6	40		28917 28919 28917	0.77	271 271	Closed Closed	Closed	Off Off	Off Off	-27.8 -27.8	-30.4 -30.4 -30.4 -30.4	34.2
07:49:52 07:49:53 07:49:54	·6	,	-86	28919 28918	0.76 0.76	271	Closed Closed	Closed Closed	Off Off	Off Off	-27.6 -27.6 -27.6	-30.4 -30.4 -30.4	-34.2 -34.2
07:49:55 07:49:56 07:49:57 07:49:58	-6		-86	28918	0.76	271	Closed	Closed Closed	Off Off	Of i	-27.8 -27.8	-30.4 -30.4	-34.2 -34.2
07:49:58 07:49:59 07:50:00 07:50:01	-6 -6	40	-86		0.76	271	Closed Closed	Closed Closed	Off Off	Of t	-27.8 -27.8	·30.4	-34.2 -34.2
07:50:02 07:50:03	-6	40		28912 28911 28909	0.76	271	l Closed	Closed Closed	off off	Off Off	· 27.8	30.4	-34.2 -34.2
07:50:04 07:50:05 07:50:06	1 -6	;	-86	28906 28905	0.76	: 271	ll Closed	Closed Closed	0 0 0 f f	Of 1	· 27 . -27 .	30.4 3 -30.4 3 -30.4 3 -30.4	-34.2
07:50:07 07:50:08 07:50:09	1		-86	28903	0.77	271	Closed Closed Closed	Closed Closed	011 011	Of t	-27.	3 -30.4 3 -30.4	34.2
07:50:10 07:50:11 07:50:12		40	-86	28904 28904 28904	0.77	271	t Closed	Closed Closed	1 Off	0f1	-27.	30.4	34.2
07:50:13 07:50:14 07:50:15	1	40	)	28905 28905 28904	0.76 0.76	5  271	L Closed L Closed	i Closed	i Off	Off Off	-27. -27.	30.4 3 - 30.4	34.2 34.2 34.2
07:50:16 07:50:17 07:50:18	.6	<u>,                                    </u>	-86	28909 28908	0.76	277	L Closed	i Closed	1 0f1	0f1	27.	3 -30.4	-34.2 -34.2 -34.2
07:50:19 07:50:20 07:50:21 07:50:22 07:50:23	-6	1	-86	28909	0.7	7 27 5 27	Close	Closed Closed	1 0f1	0f	-27. -27.	3 -30.4	-34.2 -34.2
07:50:22 07:50:23 07:50:24 07:50:25	-6	40	-86	28910 28912 28913	2 0.76 L 0.76	5 27	l Closed	Closed Closed	0 0 f4	Of	-27.	3 ·30.4	-34.2 -34.2
07:50:26 07:50:27	-6	40		28910 28911 28910	0.77	7 27	L Closed	Closed	1 Off	Of	f -27.	31 - 30.4	-34.2 -34.2
07:50:28 07:50:29 07:50:30	1 -6	5	-86	28912 28913	0.77 L 0.77	7 27	1 Closed	d Closed	d Off	Of Of	f -27.	3  -30.4	34.2 34.2
07:50:31 07:50:32 07:50:33 07:50:34	I -€		-86	2891	3 07	7   27	11 Close	d Closed	d Off	f 0f	f -27.	3 -30.4 3 -30.4 3 -30.4	-34.2 -34.2 -34.2
07:50:34 07:50:35	-6	4(	)	2891 2891	0.76 1 0.76 1 0.76	6 27 6 27	1 Close 1 Close	d  Closed	d  0f1		27.	3 -30.4 8 -30.4	34.2 34.2

Time	FDR	TAT	Latitude:	Longitude:	Pressure		Airspeed:	Wing	Wing Anti-Ice	Eng 1:	Eng 2: Inlet	SAT_K.75	SAT_K.85	SAT_K1.0
07:59:44 - 6	Elapse Time		(deg)	(deg)			(knots)		RH Closed	Inlet Anti-Ice (1-open)	Anti-Ice	(deg C)	(deg C)	(deg C)
07.59.44	07:50:37			-86	28910	0.76	271	Closed	Closed	Off	Off	-27.8 -27.8 -27.8	-30.4	
07:59:44 - 6	07:50:39 07:50:40		40	-86	28910 28909	0.76 0.76	271 271	Closed Closed	Closed Closed	Úff Úff	Off Off	I -27 A	-30.4 -30.4	34.2 34.2
07:50:47	07:50:42 07:50:43		40		28910 28909	0.76 0.76	271 271	Closed Closed	Closed Closed	Off Off	Off Off	27.8 27.8	-30.4 -30.4	34.2 34.2
2.59.49	07:50:45 07:50:46			-86	28910 28909	0.76 0.76	270 270	Closed Closed	Closed Closed	Off Off	Off Off	27.7	30.4	34.2
87:59:55	07:50:48	-6	40	-86	28906 28907	0.76 0.76	270 270	Closed Closed	Closed Closed	Off Off	0ff 0ff	-27.7 -27.7	-30.3 -30.3 -30.3	34.1 34.1 34.1 34.1
07:50:54 -6 40 29903 0.76 270 Closed Closed Off Off 277, 39.3 3 -07:50:55 -6 40 82899 0.76 270 Closed Closed Off Off 277, 39.3 3 -07:50:55 -6 40 28899 0.76 270 Closed Closed Off Off 277, 39.3 3 -07:50:55 -6 40 28899 0.76 270 Closed Closed Off Off 277, 39.3 3 -07:50:55 -6 40 28899 0.76 270 Closed Closed Off Off 277, 39.3 3 -07:50:50 -70:50:50 -7	07:50:51		40	-86	28905	0.76	270	Closed	Closed	Óff	Off	-27.7 27.7 27.7	30.3	34.1
07:59:55 -6   .66   .28901   0.76   .77   .77   .70	07:50:53 07:50:54		40	"	28905 28903	0.76 0.76	270 270	Closed Closed	Closed Closed	Off Off	Off Off	27.7 27.7 -27.7	30.3 30.3 30.3	34.1
07:51:03	07:50:56 07:50:57		**	-86	28901 28899	0.76 0.76	270 270	Closed Closed	Closed Closed	Off Off	Off Off	27.7	30.3	34.1
07:51:03	07:51:001		40	-86	28900 28898	0.76	271 270	Closed Closed	Closed Closed	Off Off	Off Off	27.7	30.4	34.2
07:51:113	07:51:03		40		28896 28895	0.76 0.76	271 271	Closed Closed	Closed Closed	Off Off	Off Off	-27.8	1 .30.4	34.2
07:51:113	07:51:05 07:51:06				28894 28894	0.76 0.76	271 271	Closed Closed	Closed Closed	Off Off	Off Off	-27.8	30.4	34.2 -34.2
07:51:113	07:51:08	-6	40		28895	0.76	271	Closed	CTosed	Off Off	Off Off	-27.8 -27.8	-30.4 -30.4	-34.2 -34.2
07:51:16 -6 -86 28903 0.76 270 Closed Closed Off Off 27.8 -30.4 0.75:18 -6 0.75:18 -6 0.75:18 -6 0.75:18 -6 0.75:18 0.76 270 Closed Closed Off Off 27.8 0.30.4 0.75:18	07:51:10 07:51:11			-86	28897 28896	0.76	271 271	Closed Closed	Closed Closed	Off Off	Öff	27.7 -27.7 -27.8	-30.4 -30.4 -30.4	34.2 -34.2 -34.2
07:51:16 -6 -86 28903 0.76 270 Closed Closed Off Off 27.8 -30.4 0.75:18 -6 0.75:18 -6 0.75:18 -6 0.75:18 -6 0.75:18 0.76 270 Closed Closed Off Off 27.8 0.30.4 0.75:18	07:51:13 07:51:14				28900 28901	0.76	271	Closed Closed	Closed Closed	Off Off	Off Off	-27.8	30.4 -30.4 -30.4	-34.2 34.2
07:51:32         -6         -86         28908         0.76         271         Closed         Orff         0ff         -27.8         -30.4           07:51:33         -6         28905         0.76         271         Closed         Closed         Off         0ff         -27.8         -30.4           07:51:35         -6         40         28905         0.76         271         Closed         Closed         Off         0ff         -27.8         -30.4           07:51:35         -6         40         -86         28905         0.76         271         Closed         Off         0ff         -27.7         -30.3           07:51:37         -6         -86         28905         0.76         271         Closed         Off         0ff         -27.7         -30.3           07:51:38         -6         40         28903         0.76         271         Closed         Closed         Off         0ff         -27.7         -30.4           07:51:40         -6         -86         28901         0.76         271         Closed         Closed         Off         -27.7         -30.4           07:51:43         -6         40         28901         0.76	07:51:16 07:51:17				28903 28903	0.76 0.76	271 270	Closed	Closed Closed	Off Off	Off	27.8 •27.8	30.4	-34.2 -34.2
07:51:32         -6         -86         28908         0.76         271         Closed         Orff         0ff         -27.8         -30.4           07:51:33         -6         28905         0.76         271         Closed         Closed         Off         0ff         -27.8         -30.4           07:51:35         -6         40         28905         0.76         271         Closed         Closed         Off         0ff         -27.8         -30.4           07:51:35         -6         40         -86         28905         0.76         271         Closed         Off         0ff         -27.7         -30.3           07:51:37         -6         -86         28905         0.76         271         Closed         Off         0ff         -27.7         -30.3           07:51:38         -6         40         28903         0.76         271         Closed         Closed         Off         0ff         -27.7         -30.4           07:51:40         -6         -86         28901         0.76         271         Closed         Closed         Off         -27.7         -30.4           07:51:43         -6         40         28901         0.76	07:51:19 07:51:20		40	-86	28905 28906	0.76 0.76	270 270	Closed Closed	Closed	Off Off	Off Off	27.7	30.4	·34.2 ·34.2
07:51:32         -6         -86         28908         0.76         271         Closed         Orff         0ff         -27.8         -30.4           07:51:33         -6         28905         0.76         271         Closed         Closed         Off         0ff         -27.8         -30.4           07:51:35         -6         40         28905         0.76         271         Closed         Closed         Off         0ff         -27.8         -30.4           07:51:35         -6         40         -86         28905         0.76         271         Closed         Off         0ff         -27.7         -30.3           07:51:37         -6         -86         28905         0.76         271         Closed         Off         0ff         -27.7         -30.3           07:51:38         -6         40         28903         0.76         271         Closed         Closed         Off         0ff         -27.7         -30.4           07:51:40         -6         -86         28901         0.76         271         Closed         Closed         Off         -27.7         -30.4           07:51:43         -6         40         28901         0.76	07:51:22 07:51:23		40		28907 28907	0.76 0.76	271 270	Closed Closed	Closed Closed	Off Off	Off	-27.7 -27.7	-30.4 -30.4	34.2 -34.2
07:51:32         -6         -86         28908         0.76         271         Closed         Orff         0ff         -27.8         -30.4           07:51:33         -6         28905         0.76         271         Closed         Closed         Off         0ff         -27.8         -30.4           07:51:35         -6         40         28905         0.76         271         Closed         Closed         Off         0ff         -27.8         -30.4           07:51:35         -6         40         -86         28905         0.76         271         Closed         Off         0ff         -27.7         -30.3           07:51:37         -6         -86         28905         0.76         271         Closed         Off         0ff         -27.7         -30.3           07:51:38         -6         40         28903         0.76         271         Closed         Closed         Off         0ff         -27.7         -30.4           07:51:40         -6         -86         28901         0.76         271         Closed         Closed         Off         -27.7         -30.4           07:51:43         -6         40         28901         0.76	07:51:25 07:51:26			1	28909 28908	0.76 0.76	271 271	. Closed Closed	Closed Closed	Off Off	Off Off	-27.7	30.4	34.2 34.2 34.2
07:51:32         -6         -86         28908         0.76         271         Closed         Orff         0ff         -27.8         -30.4           07:51:33         -6         28905         0.76         271         Closed         Closed         Off         0ff         -27.8         -30.4           07:51:35         -6         40         28905         0.76         271         Closed         Closed         Off         0ff         -27.8         -30.4           07:51:35         -6         40         -86         28905         0.76         271         Closed         Off         0ff         -27.7         -30.3           07:51:37         -6         -86         28905         0.76         271         Closed         Off         0ff         -27.7         -30.3           07:51:38         -6         40         28903         0.76         271         Closed         Closed         Off         0ff         -27.7         -30.4           07:51:40         -6         -86         28901         0.76         271         Closed         Closed         Off         -27.7         -30.4           07:51:43         -6         40         28901         0.76	07:51:28		40	- 86	28909 28908	0.76	270 270	Closed Closed	Closed Closed	0ff 0ff	Off Off	-27.8 -27.8	-30.4 -30.4	-34.2 -34.2 -34.2
07:51:37	07:51:30 07:51:31		40		28906	0.76	271	ll Closed	Closed Closed	Off Off	Off	-27.8		34.2 34.2 34.2
07:51:37	07:51:33 07:51:34				28905 28905	0.76 0.76	271	Closed	Closed Closed	Off Off	Off Off	-27.8 -27.8	30.4	-34.2 -34.2
86         28901         0.76         271         Closed Closed Off         Off         27.7         -30.4           07:51:41         07:51:42         -6         40         28901         0.76         271         Closed Closed Off         Off         -27.8         -30.4           07:51:43         -6         40         28901         0.76         271         Closed Closed Off         Off         -27.8         -30.4           07:51:45         -6         -86         28901         0.76         270         Closed Closed Off         Off         -27.7         -30.3           07:51:46         -6         40         28901         0.76         270         Closed Closed Off         Off         -27.7         -30.3           07:51:47         -6         40         28901         0.76         270         Closed Off         Off         -27.7         -30.3           07:51:49         -6         -86         28899         0.76         270         Closed Off         Off         -27.7         -30.3           07:51:49         -6         -86         28899         0.76         270         Closed Off         Off         -27.7         -30.3           07:51:49         -6	07:51:36 07:51:37			-86	28905 28905	0.76 0.76	271 271	Closed Closed	Closed Closed	Off Off	Off Off	27.7	-30.3 -30.3	-34.2
07:51:43	07:51:39 07:51:40		40		28903 28901	0.76	271	Closed Closed	Closed Closed	l Off	0f1	-27.7	-30.4	34.2
07:51:46	07:51:42 07:51:43		40	,	28901 28900	0.76	271 270	Closed Closed	Closed Closed	0f1 0f1	0ff	·27.8 ·27.7	-30.4 -30.4	34.2
07:51:49 -6		l			28901 28900	0.76	270 270	Closed	Closed Closed	i Öff	0f1	-27.7	' -30.3	3 -34.1
07:51:55	07:51:47 07:51:48 07:51:49	-6			28899 28900	0.76	270 270	Closed	Closed	l Off	011	-27.7 -27.7	-30.3	34.1 34.1 34.1
07:51:55	07:51:50 07:51:51 07:51:52	-6	40	-86	28900	0.76	27	Closed Closed Closed	I) Closed	i) Of1	r  Of 1	-27.7 -27.7	-30.3 -30.4 -30.4	34.1 34.1 34.2 4 -34.2 4 -34.2 34.2 34.2
07:51:56	07:51:53 07:51:54 07:51:55	-6	;	1	28901	0.76	270 270	Closed Closed	Closed Closed	0f1 0f1	f] Of1	-27.7 -27.7	-30.3 -30.3 -30.3	
07:52:00 -6	07:51:56 07:51:57	٠.			28902 28904	0.76	270 270	Closed Closed	Closed Closed	0f1 0f1	f Off	·27.7	-30.3 -30.3	34.1
07:52:05   28904 0.76 270 Closed Closed 0ff 0ff -27.9 -30.5   07:52:06 -6   40   28902 0.76 270 Closed Closed 0ff 0ff -27.9 -30.5   07:52:07   40   28904 0.76 270 Closed Closed 0ff 0ff -28.0 -30.6   07:52:07   40   28904 0.76 270 Closed Closed 0ff 0ff -28.0 -30.6   28905 0.76 270 Closed 0ff 0ff -28.0 -30.6   28005 0.76 270 Closed 0ff 0ff 0ff -28.0 -30.6   28005 0.76 270 Closed 0ff 0ff 0ff -28.0 -30.6   28005 0.76 270 Closed 0ff 0ff 0ff -28.0 -30.6   28005 0.76 270 Closed 0ff 0ff 0ff -28.0 -30.6   28005 0.76 270 Closed 0ff 0ff 0ff -28.0 -30.6   28005 0.76 270 Closed 0ff 0ff 0ff 0ff -28.0 -30.6   28005 0.76 270 Closed 0ff 0ff 0ff 0ff -28.0 -30.6   28005 0.76 270 Closed 0ff 0ff 0ff 0ff 0ff 0ff 0ff 0ff 0ff 0f	07:51:59 07:52:00	-6	40	-86	28903 28905	0.76	270	Ol Closed	i Closed i Closed	1 Of 1	f 0f1	·27.1	30.3	34.1 34.2
-07:52:081 -61   -861 289051 0.765 2701 Closed Closed Off Off -28.01 -30.61	07:52:02 07:52:03	-6	40		28904 28904	I  0.7€	270	Closed Closed	Closed Closed	0f1	f 0f1	27.5	-30.5	-34.3 -34.3
-07:52:081 -61   -861 289051 0.765 2701 Closed Closed Off Off -28.01 -30.61	07:52:04 07:52:05 07:52:06	-6	<u> </u>		28904 28903	0.76	27	Closed Closed	Closed Closed	i of	f Off	-27. -27.	-30. -30.	5 ·34.3 5 ·34.3
07:52:10         -6         28904         0.76         270         Closed Closed Closed Off         0ff         27.8         -30.4           07:52:11         40         28903         0.76         270         Closed Closed Off         0ff         27.7         -30.3           07:52:12         -6         -86         28903         0.76         270         Closed Closed Off         0ff         27.7         -30.3           07:52:13         -6         28901         0.76         270         Closed Closed Off         0ff         27.7         -30.3           07:52:14         -6         28900         0.76         270         Closed Closed Off         0ff         0ff         27.7         -30.3           07:52:15         -6         40         28900         0.76         271         Closed Closed Off         0ff         0ff         27.7         -30.3           07:52:15         -6         -86         28900         0.76         271         Closed Closed Off         0ff         0ff         27.7         -30.3	07:52:07 07:52:08 07:52:09		5	-86	28905 28903	0.76	27	Closed Closed Closed	Closed Closed Closed	1 0f1 1 0f1	f Off	FI .2Ω (	า .จกผ	bi -34.4
07:52:13	07:52:10 07:52:11 07:52:12		40		2890	0.76 0.76 0.76	5 27 5 27	Closed Closed Closed	Closed Closed	1 Of: 1 Of: 2 Of:	f	F -27 '	7 - 30 3	-34.2 3 -34.1 3 -34.1
07:52:16 -6 -86 28900 0.76 271 Closed Closed 0ff 0ff 27.7 30.3	07:52:13 07:52:14 07:52:15		40		28901 28901 28901	0.76 0.76 0.76	5 27 5 27 5 27	Di Closed Di Closed Li Closed	Closed Closed Closed	0 0f	f 0f1 f 0f1	-27. f -27.	-30.	3 -34.1 3 -34.1 3 -34.1
07:52:17   28900 0.76 271 Closed Closed Off Off -27.7 -30.3 07:52:18 -6 28899 0.76 271 Closed Closed Off Off -27.7 -30.3	U/:52:1/	1	i		28900 28900	0.76	5 27 5 27	l Close	d Closed	d 0f	f Of	27:	7 -30.	3 -34.1 3 -34.2 3 -34.2
07:52:18 -6 28899 0.76 271 Closed Closed Off Off -27.7 -30.3 07:52:19 40 28990 0.76 270 Closed Closed Off Off -27.8 -30.4 07:52:20 -6 -86 28990 0.76 270 Closed Closed Off Off -27.9 -30.5 07:52:21 28990 0.76 270 Closed Closed Off Off -28.0 -30.6	A7.E2.2A		<u>} 40</u>		28900 28899	0.70	5 27 5 27	0 Close	Closed Closed	d Of	f Of	f -27.9	-30.	4 -34.2 5 -34.3
07:52:21         6         28900         0.76         270         Closed         Closed         Off         0ff         -28.0         -30.6           07:52:22         -6         28899         0.76         270         Closed         Closed         Off         Off         -28.0         -30.6           07:52:23         40         28898         0.76         270         Closed         Closed         Off         Off         -27.9         -30.6           07:52:24         -6         -86         28898         0.76         270         Closed         Closed         Off         Off         -27.9         -30.5	07:52:22 07:52:22		40		28899 28899	91 A 76	รเ 27	0 Close	d Closed	d Of	f Of	f -28.1	-30.	6 -34.4
07:52:21         28990         0.76         270         Closed Closed Off         Off         28.0         -30.6           07:52:22         -6         28999         0.76         270         Closed Closed Off         Off         28.0         -30.6           07:52:23         40         28898         0.76         270         Closed Closed Off         Off         28.0         -30.6           07:52:25         6         -86         28898         0.76         270         Closed Closed Off         Off         -27.9         -30.5           07:52:25         6         28899         0.76         270         Closed Closed Off         Off         -27.9         -30.5           07:52:27         40         28899         0.76         270         Closed Closed Off         Off         -27.9         -30.6           07:52:27         40         28899         0.76         270         Closed Closed Off         Off         -27.9         -30.6	07:52:25 07:52:25		5		2889 2889	9 0.76 9 0.76 8 0.76	6 27 6 27	0 Close 0 Close	d Closes	d Of	f Of	f -27.	-30. -30.	5 -34.3 5 -34.3 6 -34.4 6 -34.4

R apse	TAT	Latitude: Coarse	Longitude: Coarse	Pressure Altitude	Mach Number	Airspeed: Computed	Anti-Ice	Wing Anti-Ice	Eng 1: Inlet	Inlet	SAT_K.75	SAT_K.85	SAT_K1
ne		(deg)	(deg)	(feet)	(number)	(knots)	(0-closed)	RH Closed (0-closed)	Anti-Ice (1-open)	(1-open)	(deg C)	(deg C)	(deg C
52:28 52:29	-6		-86	28898 28898	0.76 0.76	270 270	Clased Clased	Closed Closed	Off Off	Off Off	-28.0 -28.0	-30.6 -30.6	-34 -34
52:30 52:31	-6	40		28897 28898	0.76 0.76	270 270 270	Closed Closed	Closed Closed	Off Off	Off Off Off	·28.0 28.0 ·27.9	-30.6 -30.6 -30.5	-34 -34 -34
52:32 52:33	-6		-86	28898 28898 28898	0.76 0.76 0.76	270 270 270	Closed	Closed Closed Closed	0ff 0ff 0ff	Off Off	·27.9 ·27.9	-30.5	-34
52:34 52:35	-6	40	-86	28898 28898	0.76	270 270	Closed	Closed	Öff Off	Off Off	-27.9 -27.9	-30.5	-34 -34
52:36 52:37 52:38	-6 -6		-00	28898 28898	0.76 0.76	270 270	Closed	Closed	Öff	Öff Öff	·27.9 ·27.9	-30.5 -30.5	·34
52:39 52:40	-6	40	-86	28899 28900	0.76 0.76	270 270	Closed Closed	Closed Closed	Off Off	Off Off	·28.0 ·28.0	-30.6 -30.6	-34
52:41 52:42	-6			28899 28899	0.76 0.76	270 270	Closed Closed		Off	Off Off	-28.0 -28.0	-30.6	- 34
52:43 52:44	-6	40	-86	28900 28900	0.76 0.76	270	Closed	Closed Closed	Off Off	Off Off	-28.0 -27.9 -27.9	-30.6 -30.5 -30.5	-34
52:45 52:46	-6	40		28900 28901 28902	0.76 0.76 0.76	270 270 270	Closed		0ff 0ff 0ff	0ff 0ff 0ff	-27.9 -27.9 -27.9	-30.5 -30.5	- 34
52:47 52:48 52:49	-6	40	-86	28902 28902	0.76	270	Closed	Closed	Off	Off Off	-27.9	.30.5	-34
52:50 52:51	-6	40		28903 28902	0.76 0.76	270	Closed	Closed	Off	Off Off	-27.9 -27.9	-30.5 -30.5	-3.
52:52 52:53	-6		-86	28902 28902	0.76	270	Closed Closed	Closed	Off Off	Off Off	·27.9 ·27.9	-30.5	-3
52:54 52:55	-6	40		28905 28903	0.76	270	Closed Closed	Closed Closed	Off	Off Off	-27.9 -27.9	-30.5	-3
52:56 52:57	-6		-86	28904 28904	0.76	270	Closed	Closed	Off	0ff 0ff 0ff	-27.9 -27.9 -27.9	-30.5 -30.5	-3 -3 -3
52:58 52:59	-6	40		28903 28905		270	Closed	Closed	Öff	Off Off	-27.9 -27.9	-30.5	-3
53:00 53:01 53:02	-6 -6		-86	28903 28903 28904	0.76	270	Closed	Closed	Off	Off Off	27.9	-30.5	i  -3
53:03 53:04	-6	40	-86	28900 28894	0.76	270	Closed	Closed	Öff	Öff Off	·27.9	-30.5 -30.5	-3 -3
53:05 53:06	-6	<u> </u>		28890 28881 28874	0.76	270 270	Closed Closed	Closed	l  Off	Off Off	-27.9 -27.9	-30.5	il -3
53:07 53:08	-6	40	-86	28856	0.76	270	Closed	Closed	Off	Off Off	-27.9	-30.5	.3
53:09 53:10	-6			28847 28837	0.76	270	) Closed	Closed	l  Off	Off Off Off	-27.9	)  ·30.5	:
53:11 53:12 53:13	-6	40	-86	28827 28801 28792	0.76	270 270 270	Closed	Çlosed	Off	Off Off	-27.8	-30.4	∤  -3
53:14 53:15	-6	40		28777 28766	0.76	270	Closed	Closed	i Off	Off Off	-27.8	30.4 30.4	4
53:16 53:17	-6		-86		0.76	270	Closed	Closed	Off	Off Off	-27.9 -27.9	-30.4 -30.4	∐ -3
53:18	-6	40		28714 28703	0.76 0.76	270 271	Closed Closed	Closed Closed	l Off	Off Off	-27.8	-30.4	-3
53:19 53:20 53:21	.6		-86	28666	0.76	27:	L Closed	l Closed	i off	Off Off Off	.27.8	3 -30.4	I  -3
53:22 53:23	-6	40	-86	28665 28665 28665	0.76	27	L Closed	l Closed	il Off		.27 6	30.2	-3
53:24 53:25 53:26	-6 -6		-00	28665 28665	0.76	27:	Ll Closed	Closed	1 Off	Off	-27.8	-30.3	-3
53:27 53:28	-6	40	-86	28665	0.76	27:	L  Closed	i  Closed	il Off	Off	-27.8 -27.8	-30.4	.3
53:29 53:30	-6			28665 28665	0.76	27	L Closed	Closed	i Off	Off	-27.	-30.4	II -3
53:31 53:32 53:33	-6	40	-86		0.76	27	Closed	Closed	071	Off	-27.8	-30.4	1 -3
53:34 53:35 53:35	-6	40		28665 28665 28665	0.76	273	21 Closed	Closed	i  0f1	Off	-27.8	31 -30 <i>4</i>	-3
53:36	-6		' -8 <del>6</del>		0.79	27	Closed Closed	Closed	i off	Off	-27.9	-30. -30.	3 3
53:38 53:39	-6	40		28665 28665	0.76	27-	Closed Closed	Closed Closed	1 0f1	Off Off	-27. -28.	30.	5 -3
53:40 53:41	-6		-86	28665 28665	0.76	27	4 Closed	Closed Closed	0 0f1	r Off	-28.	-30.6	5 - 3
53:37 53:38 53:39 53:40 53:41 53:42 53:43 53:44 53:45 53:46 53:47	-6	46	o	28665 28665	0.76	27	4  Close	d Close	d  0f1	r  Of1	-28.0	ol -30.0	5 -3
53:44 53:45	-6		-86	28665 28665 28665	5 0.76	27- 27- 27-	4 Closed	d  C]osed	d  0f1	r) Of1	-27.	-30. -30.	51 -3
53:46 53:48	-6	40	-84	28669	5 0.70	5 27	4 Close	d Close	d 0f1	f Off	-27.	91 -30.9	5  -:
53:49	-6	,		28665 28665	5 0.70	51 27	4 Close	d Close	d 0f1	f 0f1	-27.	91 -30.!	51 -3
53:51 53:52	-6	40	-80	28665 28665	5 0.76 5 0.76	5 27 5 27	4l Close	di Close di Close	d Off	f Off	· 27.	9 -30.1 9 -30.1	5I -3
53:51 53:52 53:53 53:54 53:55	-6	5		28665 28665 28665	0.7	6  27	5  Close	di Close	dl Of	f) Of1	ri -28.º	9 -30. 0 -30. 0 -30.	6
53:56	-6	5	-84	2866	0.7	5 27	6 Close 6 Close 6 Close	d Close	al of	f Of	-28.	01 -30.	6 -
53:56 53:57 53:58 53:59 54:00	-6	5 40	م ا	2866 2866 2866	0.7	7 27	6 Close 6 Close	d Close	d Of	f  Of1	fl -28.	01 -30.	ы -:
54:00 54:01	- 6	5	-8	28669 28669	5 0.7 5 0.7	7 27 7 27	6) Close 6) Close	d Close d Close	d Of	f Off	7 -28. f -28.	0 -30. 0 -30. 0 -30.	6 -
54:01 54:02 54:03	-(	4		2866! 2866!	5 0.7	5] 27	6 Close 6 Close	d Close d Close	d 0f d 0f	f 0f1	r) -28.	0ì -30.	6
:54:04 :54:05	-(	1	-84	2866	5 0.7	6 27	6 Close	d  Close	d Of	f Of	fl _2Ω	0 -30. 0 -30.	6  ∹
:54:06 :54:07	-(	4	1 .8	2866 2866	5 0.7	61 27	6 Close	d  Close	d  0f	r  Of	f  -28.	0 -30. 0 -30.	6I -:
54 07 54 08 54 09 54 10 54 11	- (		-8	5 2866 2866 2866	5 0.7	6 27 6 27 6 27	6 Close 6 Close 6 Close	di Close	d) 0f	f Of	f -27. f -27.	0 -30. 9 -30. 8 -30.	61 -3
54:11	.,	4	1 -8	2866 5 2866	5 0.7 5 0.7	6 27 6 27	7 Close	d  Close	d Of	f Of	f -27.	7 7 -30.	3
54:12 54:13 54:14	-(	1		2866 2866	5 0.7 5 0.7	6 27 6 27	7 Close	di Close	dl Of	f Of	f) -27. f) -27.	7  -30. 7  -30.	3 3
:54:15	-(	4	-8	2866 6 2866	5 0.7 5 0.7	6 27 6 27	7 Close 7 Close	d Clase d Clase	d 0f d 0f	f Of	f -27. f -27.	7  -30. 7  -30.	31 -:
:54:17 :54:18		1	1	2866 2866	5 0.7 5 0.7	6] 27	7 Close	d  Close	d  0f	f  Of	f  -27.	7 -30. 7 -30. 7 -30.	3 -

America West Flight 50, COMAIR Flt 3272, Accident, DCA97MA017 Preliminary Data, Revised: March 06, 1997, Organization Name (see system.cfg file)

FDR	TAT	Latitude:	Longitude:	Pressure	Mach	Airspeed:	Wing	Wing Anti-Ice	Eng 1:	Eng 2:	SAT_K.75	SAT_K.85	SAT_K1.0
Elapse Time		(deg)	(deg)	Altitude (feet)	(number)	(knots)	Anti-Ice LH Closed (0-closed)	RH Closed (0-closed)	Inlet Anti-Ice (1-open)		(deg C)	(deg C)	(deg C)
07:54:20 07:54:21	-6		-86	28665 28665	0.76 0.76	277 277 277	Closed Closed Closed	Closed Closed Closed	Off Off	Off Off Off	-27.7 -27.7 -27.7	-30.3 -30.3 -30.3	-34.1 -34.1 -34.1
07:54:22 07:54:23 07:54:24	-6 -6	41	-86	28665 28665 28665	0.76 0.76 0.76	277 277	Closed Closed	Closed Closed	0ff 0ff 0ff 0ff	Off Off Off	-27.7 -27.7 -27.7	-30.3	-34.1 -34.1 -34.1
07:54:25 07:54:26 07:54:27	-6	41		28665 28665 28665	0.76 0.76 0.76	278 278	Closed Closed Closed	Closed Closed Closed	Off Off	Off Off	-27.7   -27.6	-30.3 -30.3	-34.0 -34.0
07:54:28 07:54:29 07:54:30	-6		-86	28665 28665 28665	0.76 0.76 0.76	278 278	Closed Closed Closed	Closed Closed Closed	Off.	Off Off Off	-27.6 -27.6 -27.6	.30.2	-34.0 -34.0 -34.0
07:54:31 07:54:32 07:54:33	-6	41	-86	28665 28665 28665	0.76 0.76 0.76	278	Closed Closed Closed	Closed Closed Closed	Off Off Off	0ff 0ff 0ff	-27.6 -27.6 -27.6 -27.5	1 -30 2	-34.0 -34.0 -34.0
07:54:34 07:54:35 07:54:36	-6 -6	41	-86	28665 28665 28665	0.76 0.76 0.76	278 278	Closed Closed	Closed Closed	Off Off Off	Off Off Off	-27.4	-30.1 -30.0 -30.0	-33.9 -33.8 -33.8
07:54:37 07:54:38 07:54:39	-6	41		28665 28665 28665	0.76 0.76 0.76	279 279	Closed Closed	Closed Closed	Off Off	Off Off Off	-27.4 -27.4	-30.0 -30.0	-33.8 -33.8
07:54:40 07:54:41 07:54:42	-6 -6	**	-86		0.76 0.76 0.76	279 279	Closed Closed	Closed Closed	Off Off	0ff 0ff 0ff	27.4	-30.0 -30.0	-33.8 -33.8 -33.8 -33.8
07:54:43 07:54:44	-6	41	-86	28665 28665	0.76	279	Closed Closed	Closed Closed	Off Off	Öff Off Off	-27.4 -27.4	-30.0 -30.0 -30.0	-33.8
07:54:45 07:54:46 07:54:47	.6	j 41		28665 28665 28665	0.76 0.76 0.76	280 280	Closed Closed Closed	Closed Closed	Off Off	0ff 0ff 0ff	-27.4	30.0	-33.8
07:54:48 07:54:49 07:54:50	-6 -6		-86	28665 28665 28665	0.76	281 281	Closed Closed Closed	Closed Closed	Off Off	Off Off	-27.5 -27.5 -27.5 -27.5	-30.1 -30.1 -30.1	-33.9 -33.9 -33.9 -33.9
07:54:51 07:54:52 07:54:53	-6	41	-86	28665	0.76 0.76	281 281	Closed Closed Closed	Closed Closed	Off Off	Off Off Off	·27.4 ·27.3	-30.0 -29.9	-33.8 -33.7
07:54:54: 07:54:55 07:54:56	-6 -6	41	-86	28665 28665 28665	0.76	281 282	Closed Closed Closed	Closed Closed	Off Off	0ff 0ff 0ff	-27.3 -27.3 -27.3	-29.9 -29.9 -29.9 -29.9	-33.7 -33.7 -33.7
07:54:57 07:54:58 07:54:59	-6	41		28665 28665 28665 28665	0.76	282	Closed	Closed	Off	Off Off Off	·27.3 ·27.3	-29.9 -29.9 -29.9	·33.7 ·33.7
07:55:00 07:55:01 07:55:02	-6 -6		-86		0.76 0.76	282	Closed	Closed	l Off	Off Off Off	27.3	-29.9	-33.7 -33.7 -33.7
07:55:03 07:55:04 07:55:05	-6	41	-86	28665	0.76	283 283	Closed	Closed Closed	Off Off	Off Off Off	-27.3 -27.2	. 29.8	-33.7
07:55:06 07:55:07	-6	41		28665 28665	0.77	283	Closed Closed	Closed Closed	Off Off	Off Off Off	-27.2	-29.7 -29.8	33.6
07:55:08 07:55:09 07:55:10	-6 -6		-86	28665 28665	0.77	284 284	Closed	Closed Closed	0ff 0ff	Off Off Off	-27.2 -27.2	-29.8 -29.8 -29.8	·33.7 -33.7
07:55:11 07:55:12 07:55:13	-6	1	-86	28665	0.77	284 284	Closed	Closed	Off   Off	Off Off	-27.2 -27.2	-29.8 -29.8 -29.7	-33.7 -33.6 -33.5
07:55:14 07:55:15 07:55:16	-5 -5	41	-86	28665 28665 28665	0.77	284	Closed	Closed Closed	Off Off	Off Off Off	26.9	// -Z9.6	-33.4
07:55:17 07:55:18 07:55:19	-5	41		28665 28665 28665	0.76	283 283	Closed Closed	Closed	Off	Off Off Off	-26.8 -26.7	29.5	-33.2
07:55:20 07:55:21 07:55:22	-5 -5		-86	28665 28665 28665	0.76	5 284	Closed	() Closed	i) Off	0ff 0ff 0ff	·26.7	29.3 29.3	-33.1 -33.1 -33.1
07:55:23 07:55:24 07:55:25	-5	41	-86	28665 28665 28665	0.76	284	Closed	Closed	i off	Off Off Off	-26. -26.	-29.3 -29.3	-33.1 -33.1 -33.1
07:55:26 07:55:27 07:55:28	-5 -5	41	-86	28665 28665	0.76	284 284 285	Closed Closed Closed	Closed	il Óff	Off	-26.7	-29.3 -29.3 -29.2	33.1 33.1 -33.0
07:55:29 07:55:30 07:55:31	.5			28665 28665 28665	0.76 0.76	289	Closed Closed	Closed Closed	i Off	Off Off	-26. -26. -26.	29.1 29.1 29.1	-32.9 -32.9 -32.9
AT. EE. 32	-5 -5		-86		0.76 0.76	287 288	Closed Closed	Closed Closed	011	Off Of	·26.6	-29.2 -29.2 -29.1	-33.0 -33.1 -33.0
07:55:32 07:55:34 07:55:35 07:55:36 07:55:37	-4	41	-86	28665	0.77	7 290 7 290	Closed Closed	i Closed	0ff	0f1	-26. -26.	-29.1 -29.0	-33.0 -33.0
07:55:35		41		28665 28665	0.77	7 293 7 293	Closed Closed	i Closed	1 Off	0f1	-26. -26.	31 -28.9	11 -32 9
07:55:40 07:55:41 07:55:42	-4	.	-86	28665 28665	0.77	7 294 7 295	Closed	Closed Closed	off Off	Of t	26.	·29.0 ·29.0 ·28.9 ·28.8	II 32.8
07:55:42 07:55:43 07:55:44 07:55:45	-4	1	-86	28665	0.7	7 29! 7 29!	Closed Closed	Closed	of i	Of i	26.1 26.1	L -28.8 1 -28.8	-32.7 -32.7 -32.7
07:55:46 07:55:47 07:55:48	-4	41	ι -86	2866 2866 2866	0.7	7   29	Closes Closes	i Closed	1 Of 1	Of O	f -26.	0  -28.7	32.6 32.6
07:55:49 07:55:50 07:55:51	.4	41	1	2866 2866 2866	0.7 0.7 0.7	7 290 7 290 7 290	51 Close	d Closed	d 0f1	Off Of	7 -25. 7 -25.	. אר. ום	11 .29 5
07:55:52	!	} \$	-86	2866 2866 2866	0.7 0.7 0.7	7 29: 7 29: 7 29:	Closed Closed Closed	Closed Closed Closed	0 0f1 d 0f1 d 0f1	0f1 0f1	25.	6  -28.3 7  -28.3	-32.3 -32.2 -32.2
07:55:54 07:55:55 07:55:56 07:55:57	4	41	-84	2866	0.7 0.7 0.7	7 30: 7 30: 7 30:	Close Close	d Close	d Off	Of Of	-25. 26.	9 28.4 0 28.5	32.4 32.6
07:55:58 07:55:59 07:56:00	"	41	.84	28642 28592	2 0.7	B 30-	Close Close	d Closed	di Ofi	Of:	fi -26. fi -26.	0] -28.6 0] -28.6	) -32./
07:56:01 07:56:02 07:56:03	-4			2846 2842 2837	3 0.7 3 0.7	8 30 8 30 8 30	Close Close	d Closed	d Off	Of	f -26. f -26.	1 28.7 1 28.8 2 28.9 3 29.0	32.8 32.9 33.0
07:56:04 07:56:05 07:56:06	-4	1	-80		7 0.7 3 0.7	8 30 8 30	Close Close	d Close	d Off	Of Of	f -26. f -26. f -26	2 -29 ( 2 -28 9	1 32 9
07:56:06 07:56:08 07:56:09		4:	-84	2820	6 0.7	B 30 B 30	6 Close 5 Close	d Close	d Off	0f	f 26. f 26.	1 -28. 2 -29. 2 -29.	32.8 32.8
07:56:10 07:56:11	-4	4:	1	2805 2801	7 0.7	7 30 7 30 7 30	6 Close	d Close	d  Off	f Of	f -26. f -26.	2 - 29.0 2 - 28.	)  32.8

America West Flight 50, COMAIR Flt 3272, Accident, DCA97MA017 Preliminary Data, Revised: March 06, 1997, Organization Name (see system.cfg file)

1 0.74 319 C.10sed C.10sed C.0sed C.0	0.74 0.74 0.74 0.74 0.74 0.74 0.74 0.74	7.55 3.20 Closed 7.55 3		0.75 319 00sed 0 0.75 319 00sed 0 0.75 318 00sed 0 0.75 318 00sed 0 0.75 318 00sed 0 0.75 319 00sed 0 0.75 317 00sed 0 0.75 317 00sed 0 0.75 317 00sed 0 0.75 317 00sed 0	0.75 315 0.0860 0.075 0.085 0		0.777 0.777 0.777 0.777 0.777 0.777 0.777 0.777 0.777 0.777	0.77 315 Closed 0.77 316 Closed 0.77 317 Closed 0.77 317 Closed 0.77 318 Closed 0.77 318 Closed 0.77 318 Closed	0.78 0.78 0.77 0.77 0.77 0.77 0.77 315 0.77 315 0.77 315	0.78 315 Closed Cl 0.78 315 Closed Cl 0.78 318 Closed Cl 0.78 317 Cl 0.78 318 Cl 0.78 317 Cl 0.78 318 318 Cl 0.78 318 318 Cl 0.78 318 318 318 318 318 318 318 318 318 31	0.78 314 Closed CO 77 312 Closed CO 77 312 Closed CO 77 312 Closed CO 77 312 Closed CO 77 314 Closed CO 77 3	0.78 315 C 0.884 C 0.78 314 C 0.78	00000000000000000000000000000000000000	Anti-Ice RH Closed (0-closed)
22222222222222222222222222222222222222	20202020202020202020202020202020202020			20000000000000000000000000000000000000			00000000000000000000000000000000000000	CCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCC	Dased Dased Dased Dased Dased Dased Dased Dased	CD 05864 CD 05864 CD 05864 CD 05864 CD 05864 CD 05864 CD 05864 CD 05864 CD 05864	314 312 312 312 312 312 312 313 313 314 314 314 315 316 316 316 317 318 318 318 318 318 318 318 318 318 318	315 316 316 316 315 315 315 314 314 314 314 314 314 314 314 314 314	309 308 308 309 310 310 312 313 313 313 314 315 316 317 318 318 318 318 318 318 318 318 318 318	Computed Anti-Ice Int. (Computed Anti-Ice Int. (Comp
22222222222222222222222222222222222222	20202020202020202020202020202020202020			20000000000000000000000000000000000000			00000000000000000000000000000000000000	CCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCC	Dased Dased Dased Dased Dased Dased Dased Dased	CD 05864 CD 05864 CD 05864 CD 05864 CD 05864 CD 05864 CD 05864 CD 05864 CD 05864	00000000000000000000000000000000000000	CCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCC	00000000000000000000000000000000000000	Anti-Ice RH Closed (0-closed)
							55555555		6555555					Anti-Ice RH Closed (0-closed)
	<del></del>				غامممممقة	<b>12222222</b> 1	200000000000000000000000000000000000000	22222222	2222222	Sed Sed Sed Sed Sed Sed Sed	osed osed	Sed Sed	2222222	35 <u>5</u> 2
55555555	00000000	5555555	5555555			555555			110 110 110 110 110 110	110 011 011 011 011 011 011	1100000		770 000 000 000 000 000 000 000 000 000	Inlet Anti-Ice (1-open)
555555555555555555555555555555555555555														
ช่งใช่เล่นใน นักมา	<b>R</b> 888888888	ঀ৾য়৾য়৾য়৾য়য়য়য়৾য় ৽ ৽	น่ะเหน่นหน่น นาดเกต	ช่ <del>ช่</del> ช่ช่ช่ช่ช่ช่ นับอย่อย่อย่อย	ចំងន់ង់ស់ស់ស់ស <u>់</u> រដ <i>ដែលប្រកូ</i> ស់ក	ស់ដុសសសសម <del>វ</del> ស់សសសស	ช่ฆ่ฆ่ฆ่ฆ่ฆ่ฆ่ อันาอัลอัลอัล	สมสมสมสมสม สมสมสมสมสมสมสมสมสมสมสมสมสมสม	26.3 26.3 26.3 26.3 26.3 26.2	26.7 26.9 26.9 26.9 26.7 26.5	88888888888888888888888888888888888888	2,2,2,2,2,2,2,2,2,2,2,2,2,2,2,2,2,2,2,	25225252525 252445000000	(deg C) (deg C)
<u> </u>	2222222	22222228	10000000			*********	************	***********	బ్రస్తు ప్రస్తున్న స్ట్రామ్లో స్ట్రామ్లో స్ట్రామ్లో స్ట్రామ్లో స్ట్రామ్లో స్ట్రామ్లో స్ట్రామ్లో స్ట్రామ్లో స్ట	ស្តស្តស្តស្តស្ត	នុំនុំនុំនុំនុំនុំនុំ	হার্যমার্থর ব্র	ౙౙౙౙౙౙౙౙ	deg (
·- ·- ·				didididididi Liniani		2,52,52,82,82,82,82,82,82,82,82,82,82,82,82,82	, ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		ॳॷऄऄऄय़ॖख़॔ख़ॺ ॳज़ज़ज़ज़ज़	2020202020 2020202020 2004602020	<u>*</u> **********************************	999999999 66444468	జీజల్లప్రభు లాలు మాలు మాలు మాలు మాలు మాలు మాలు మాల	SAT_ (deg

FDR	TAT	Latitude:	Longitude:	Pressure	Mach	Airspeed: Computed	Wing	Wing Anti-Ice	Eng 1:	Eng 2: Inlet	SAT_K.75	SAT_K.85	SAT_K1.0
Elapse Time		Coarse (deg)	(deg)	Altitude (feet)	(number)	(knots)	LH Closed (0-closed)	RH Closed (0-closed)	Inlet Anti-Ice (1-open)	Anti-Ice	(deg C)	(deg C)	(deg C)
07:58:04 07:58:05 07:58:06	-5 -5		-85	23427 23404 23379	0.73 0.73 0.73	317 317 317	Closed Closed Closed	Closed Closed Closed	Off Off Off	Off Off Off	·24.8 ·24.8 ·24.7	-27.3 -27.2 -27.2 -27.2 -27.1	-30.8 -30.8 -30.7
07:58:07 07:58:08	-5	41	-85	23354 23306 23278	0.73 0.73 0.73	316 316	Closed Closed	Closed Closed	Öff Off Off	Off Off Off	-24.7 -24.7 -24.7 -24.6	-27.2 -27.1 -27.1	-30.7 -30.7 -30.6
07:58:09 07:58:10 07:58:11	-5	41		23250 23224	0.73 0.73	316 316 316	Closed Closed Closed	Closed Closed Closed	Off Off	Off Off	-24.6 -24.5	-27.0 -27.0	-30.5 -30.5
07:58:12 07:58:13 07:58:14	-5 -5		-85	23166 23136 23107	0.73 0.73 0.73	317 317 317	Closed Closed Closed	Closed Closed Closed	Off Off Off	Off Off Off	-24.5 -24.5 -24.5	-26.9 -26.9 -26.9	-30.5 -30.5 -30.5 -30.5 -30.5
07:58:15 07:58:16	-5	41	-85	23079 23020 22988	0.73 0.73 0.73	317	Closed Closed Closed	Closed Closed Closed	Off Off Off	0ff 0ff 0ff	-24.5 -24.5 -24.5 -24.5 -24.5	-26.9 -26.9 -26.9	-30.5 -30.4 -30.4
07:58:17 07:58:18 07:58:19	-5	41		22959 22932	0.73 0.73	317 317	Closed Closed	Closed Closed	Off Off	Off Off	24.4	26.9	-30.4 -30.3
07:58:20 07:58:21 07:58:22	-5 -5		-85	22875 22846 22819	0.73 0.72 0.72	317 317 317	Closed Closed Closed	Closed Closed Closed	Off	Off Off Off	-24.4 -24.3 -24.3	-26.8 -26.8 -26.7	-30.3 -30.2 -30.2
07:58:23 07:58:24 07:58:25	-5	41	-85	22792 22734 22708	0.72 0.72 0.72	317 317 317	Closed Closed Closed	Closed Closed Closed	Off Off Off	Off Off Off	-24.3 -24.2 -24.2 -24.2 -24.1	-26.7 -26.7 -26.6	-30.2 -30.1 -30.1
07:58:26 07:58:27	-5	41	-85	22680 22650 22595	0.72 0.72 0.72	317 316	Closed	Closed Closed	Off Off Off	Off Off Off	-24.2 -24.1 -24.1	-26.6 -26.6 -26.5	-30.0 -30.0 -30.0
07:58:28 07:58:29 07:58:30	-5 -5		-05	22562 22532	0.72 0.72	316 316	Closed Closed	Closed Closed Closed	Off Off	Off Off	-24.1	-26.5 -26.6	-30 0
07:58:31 07:58:32 07:58:33	∙5	41	-85	22501 22443 22410	0.72 0.72 0.72	316 316 316	Closed Closed	Closed Closed Closed	Off Off Off	Off Off Off	-24.3 -24.3 -24.2 -24.2	-26.6 -26.7 -26.7 -26.6	-30.0
07:58:34 07:58:35 07:58:36	-5 -5	41	-85	22381 22351 22287	0.72 0.72 0.72	316 316 316	Closed	Closed Closed Closed	Off Off Off	Off Off Off	-24.2 -24.2 -24.1	-26.6	-30.0 -29.9
07:58:37 07:58:38	·5		-65	22255 22223	0.71 0.71 0.71 0.71	316 315 315	Closed	Closed Closed	Off Off	0ff 0ff 0ff	-24.0 -23.9 -23.8	-26.4	-29.9 -29.8 -29.6 -29.5
07:58:39 07:58:40 07:58:41	-5	41	-85	22192 22122 22091	0.71 0.71	316 317	Closed	Closed Closed Closed	Off Off	Off Off	-23.8	-26.1 -26.1	-29.5 -29.5
07:58:42 07:58:43 07:58:44	-5 -4	41	-85	22057 22024 21957	0.71 0.71 0.71	318	Closed	Closed Closed Closed	Off	Off Off Off	-23.8 -23.8 -23.7	-26.1 -26.0	-29.6 -29.6 -29.5
07:58:45 07:58:46 07:58:47	-4	41		21926 21896 21867	0.71 0.71 0.71	318 318	Closed Closed		Off Off	Off Off Off	-23.6 -23.6	-25.9 -25.9	·29.4
07:58:48 07:58:49	-4		-85	21810 21783	0.71 0.71	318 318	Closed Closed	Closed Closed	Off Off	Off Off	·23.6 ·23.5	-26.0 -25.9 -25.9 -25.9	-29.4 -29.3 -29.3 -29.3
07:58:50 07:58:51 07:58:52	-4 -4	41	-85	21754 21728 21680	0.71 0.71 0.71	318	Closed	Closed Closed Closed	Off Off Off	0ff 0ff 0ff	-23.5 -23.5 -23.4	-25.8	-29.2
07:58:53 07:58:54 07:58:55	-4	41		21656 21632 21606	0.71 0.71 0.71 0.71 0.71	. 317	'l Closed	Closed Closed Closed	Off Off	0ff 0ff 0ff	-23.3	-25.7 -25.6	-29.1 -29.0 -29.0
07:58:56 07:58:57	-4	, ·	-85	21579 21526	0.71	317 317	Closed Closed	Closed	Off Off	0ff 0ff	-23.2 -23.2	-25.6 -25.5	-28.9
07:58:58 07:58:59 07:59:00	-5 -5	41	-85	21502 21473 21448	0.71 0.70 0.70	317 316	Closed	Closed Closed Closed	Off Off	Off Off Off	·23.4	•25.7	-29.0 -29.0 -29.0
07:59:01 07:59:02 07:59:03	-5	41		21402 21379 21356		317 316	Closed	Closed	i  Off	Off Off Off	-23.3	-25.7 -25.6 -25.6	-29.0 -29.0 -28.9
07:59:04 07:59:05 07:59:06	-5 -5	"	-85	21331 21292 21269	0.70 0.70 0.70	316	Closed Closed	Closed Closed	Off Off	Öff Öff Öff	·23.2	·25.6 ·25.5 ·25.4	1 -28.9
07:59:07	-5	41	-85	21249 21229	0.70	314	Closed	Closed	0ff 0ff	Off Off	-23.0	-25.3	-28.5
07:59:09 07:59:10 07:59:11	-5	41		21193 21176 211 <b>6</b> 2	0.69	312 311	Closed	Closed Closed Closed	Off Off	0ff 0ff 0ff	-22.9 -22.9	-25.2 -25.2 -25.2	-28.3 -28.3
07:59:12 07:59:13 07:59:14	-5 -5	1	- 85	21145 21135 21103	0.69 0.69 0.69	1 309	Closed Closed	Closed	Off   Off		-22.8 -22.7 -22.6	-25.1 -25.0 -24.9	-28.1
07:59:15 07:59:16	-5	41	-85	21095 21081	0.68	308	Closed Closed	Closed	Off Off	Off Off	-22.6 -22.5	-24.8 -24.7 -24.6	-27.9 -27.8
07:59:17 07:59:18 07:59:19	-5	41		21071 21051 21047	0.68	305	Closed	Closed	Off   Off	Off Off Off	1 .22 2	24 5	.27 6
07:59:20 07:59:21 07:59:22	-5 -5		-85	21039 21031 21019	0.67	305	Closed	Closed	l  Off	Off Off Off	-22.4	-24.5 -24.5 -24.5 -24.5	-27.6 -27.6 -27.5
07:59:22 07:59:23 07:59:24 07:59:25 07:59:26	-6	41	- 85	21016	0.67	304	Closed Closed	Closed	<u>0ff</u>   0ff	Off Off Off	-22.4	-24.4 -24.5 -24.6	
07:59:27	-6	41	ne.	21001 20999	0.67	303	Closed Closed	Closed	l Off Off	Off Off	1 .22 6	il .24.7	-27.7 -27.8
07:59:28 07:59:29 07:59:30	-6 -6	İ	-85	21000 20998	0.67	301	Closed Closed	Closed	Off   Off	Off Off	-22.5 -22.6	-24.7 -24.7 -24.7	-27.7 -27.6 -27.7
07:59:31 07:59:32 07:59:33	-6	1	-85	21001	0.66	300	Closed	Closed	Off Off	Off	-22.6	-24.7 -24.7 -24.7	·27.7 ·27.7
07:59:34 07:59:35 07:59:36	-6 -6	41	-85	21002 21004	0.66	300 300	Closed Closed	Closed	Off Off	Off Off	-22.7 -22.8	-24.8 -24.9	-27 9
07:59:37 07:59:38	-6			21006 21008	0.66	299 299	Closed	Closed Closed	I Off	Off Off	-22.8	-24.9 -24.9 -24.8 -24.8	-27.8 -27.8 -27.8
07:59:39 07:59:40 07:59:41 07:59:42	-6		- 85	21008	0.66	299 299	Closed	Closed Closed	0ff 0ff	Off Off	-22.7	-24.6 -24.6	-27.8 -27.8 -27.8 -27.8
07:59:42 07:59:43 07:59:44	-6 -6	41	- 85	21011 21010	0.66	299	Closed Closed Closed	Closed	0ff	Off Off	-22.7 -22.7 -22.7	/I -24.E	-27.8 -27.8 -27.8
07:59:45 07:59:46 07:59:47	.6			21008 21009 21006	0.66	299 299 299	Closed Closed	Closed Closed	1 Off	Off Off	-22.7	1 .24.0	1 -2/.0
07:59:48 07:59:49 07:59:50	-6		-85	21006 21007	0.66	299 299	Closed	Closed Closed	Off Off	Off Off	-22. -22.	-24.8 -24.8 -24.8	-27"
07:59:51 07:59:52	·6 -6	41	-85	21005 21003 21003	0.66	5 299	Closed Closed	Closed	1 Off 1 Off	Off Off	1 -22 7	71 -24 5	II -27 A
07:59:53 07:59:54 07:59:55	.6			21002 21001 21000	0.66	299	Closed Closed	Closed	off off	Off Off	-22.7	-24.8 -24.8 -24.8	-27.8 -27.8 -27.8 -27.8
v/:59:55		4]	· <u>l</u>	21000	0.66	299	Closed	Closed	i Off	' Off	1 .22.7	7 -24.8	-27.8

## America West Flight 50, COMAIR Flt 3272, Accident, DCA97MA017 Preliminary Data, Revised: March 06, 1997, Organization Name (see system.cfg file)

FDR	TAT	Latitude:		Pressure	Mach	Airspeed: Computed	Wing	Wing Anti-Ice	Eng 1; Inlet	Eng 2: Inlet	SAT_K.75	SAT_K.85	SAT_K1.0
Elapse Time		Coarse (deg)	(deg)	Altitude (feet)	Number (number)	(knots)	Anti-Ice LH Closed (0-closed)	Anti-Ice RH Closed (0-closed)	Anti-Ice	Inlet Anti-Ice (1-open)	(deg C)	(deg C)	(deg C)
07:59:56 07:59:57	-6		-85	20999 21000	0.66 0.66	299 299	Closed Closed	Closed Closed	Off Off	Off Off	·22.7 ·22.7	-24.8 -24.7	-27.7 -27.7
07:59:58 07:59:59 08:00:00	-6 -6	41	- 85	21002 20999 21001	0.66 0.66 0.66	299 299 299	Closed Closed Closed	Closed Closed Closed	Off Off	Off Off Off	22.7 22.7	-24.7 -24.7 -24.7	-27.7 -27.7 -27.7
08:00:01 08:00:02	-6		-03	21001 21000	0.66 0.66	299 299	Closed Closed	Closed Closed	Off Off	Off Off	-22.7 -22.7 -22.7 -22.7 -22.7 -22.7 -22.7 -22.7	-24.7 -24.7	-27.7 -27.8
08:00:03 08:00:04 08:00:05	-6	41	- 85	21000 21001 21001	0.66 0.66 0.66	300 299 299	Closed Closed Closed	Closed Closed Closed	Off	Off Off Off	-22.7 -22.8 -22.7	-24.8 -24.8 -24.8	-27.8 -27.8 -27.8
08:00:06 08:00:07 08:00:08	-6 -6	41	-85	21001 21003 21004	0.66 0.66 0.66	299 300 300	Closed Closed Closed	Closed Closed Closed	Off Off	Off Off Off	-22.8 -22.7 -22.7 -22.7 -22.7	-24.8 -24.8 -24.8	1 -27.8
08:00:09 08:00:10	6		-85	21001 21001	0.66 0.66	300 300	Closed Closed	Closed Closed	Off Off	Óff Off	-22.8 -22.8	-24.8	·27.8 ·27.8
08:00:11 08:00:12 08:00:13	-6	41	-85	21002 21000 20999	0.66 0.66 0.66	300	Closed Closed Closed	Closed Closed Closed	Off Off Off	Off Off Off	-22.8 -22.8 -22.8	-24.8 -24.8	-27.8 -27.8 -27.8
08:00:14 08:00:15	-6	41	-85	20998 20998 20997	0.66 0.66 0.66	300 300	Closed Closed Closed	Closed Closed Closed	Off Off	Öff Öff Öff	-22.8	-24.8	-27.8 -27.8 -27.8 -27.8
08:00:16 08:00:17 08:00:18	-6 -6			20996 20995	0.66 0.66 0.66	300	Closed Closed	Closed Closed	Off Off	Off Off	-22.8 -22.8 -22.7	-24.8 -24.8 -24.8 -24.8	-27.8 -27.8 -27.8
08:00:19 08:00:20 08:00:21	-6	41	-85	20996 20995 20996	0.66 0.66	299 299 299 299	Closed Closed Closed	Closed Closed Closed	Off	Off Off Off	-22.7 -22.7 -22.7 -22.7	-24.8	-27.8 -27.8 -27.8 -27.8
08:00:22 08:00:23	-6	41	-85	20997 20996 20999	0.66 0.66 0.66	299	Closed Closed Closed	Closed Closed Closed	Off Off	Off Off Off	-22.7 -22.7 -22.7	-24.8 -24.8	-27.8 -27.8 -27.8 -27.8
08:00:24 08:00:25 08:00:26	-6 -6		- 05	21000 21002	0.66 0.66	299 299	Closed Closed	Closed Closed	0ff 0ff	Off Off	-22.7 -22.7 -22.7	-24.8 -24.8 -24.8 -24.8 -24.8	-27.8 -27.8
08:00:27 08:00:28 08:00:29	-6	41	-85	21002 21004 21004	0.66 0.66 0.66 0.66	299 299 299 299	Closed Closed Closed	Closed Closed Closed	Off	Off Off Off	-22.7 -22.7	-24.8 -24.8	-27.8 -27.8
08:00:30 08:00:31	-6 -6	41	-85	21008 21010 21009	0.66 0.66 0.66	299	Closed Closed Closed	Closed Closed Closed	Off Off	Off Off Off	-22.7 -22.7 -22.8	-24.8 -24.8	-27.8 -27.8
08:00:32 08:00:33 08:00:34	-6		-65	21012 21014	0.66 0.66	299 300	Closed Closed	Closed Closed	Off Off	Off Off	-22.8 -22.8	-24.8 -24.8	-27.8 -27.8 -27.8 -27.8
08:00:35 08:00:36 08:00:37	-6	41	-85	21015 21014 21015	0.66 0.66 0.66	300	Closed Closed Closed	Closed Closed Closed	Off	Off Off Off	-22.8 -22.8 -22.8 -22.7	-24.8 -24.8 -24.8	-27.8
08:00:38 08:00:39	-6 -6	41	-85	21015 21014 21013	0.66 0.66 0.66	300 300	Closed Closed Closed	Closed Closed Closed	Off Off	Off Off Off	-22.7 -22.7 -22.7	-24.8	-27.8 -27.8 -27.8
08:00:40 08:00:41 08:00:42	-6		-65	21011 21010	0.66 0.66	300 300	Closed Closed	Closed	Off Off	Off Off	-22.8 -22.8 -22.8	-24.8	-27.8 -27.8
08:00:43 08:00:44 08:00:45	-6	41	-85	21010 21009 21007	0.66 0.66 0.66	300	Closed Closed Closed	Closed Closed Closed	0ff	0ff 0ff 0ff	-22.8	-24.8	-27.8
08:00:46 08:00:47 08:00:48	-6 -6	41	-85	21006 21004 21003	0.66 0.66 0.66	300 300	Closed Closed	Closed Closed Closed	Off Off	Off Off Off	·22.8 ·22.8 ·22.8	-24.8	-27.8
08:00:49 08:00:50	·6			21001 21000	0.66	300 300	Closed Closed	Closed Closed	Off Off	Off Off	-22.8 -22.8	-24.8 -24.8 -24.9	-27.9
08:00:51 08:00:52 08:00:53	-6	41	-85	20999 20998 20998	0.66 0.66 0.66	300	Closed	Closed Closed Closed	Off	0ff 0ff 0ff	-22.8	-24 9	. 77 4
08:00:54 08:00:55 08:00:56	-6 -6	41	-85	20999 20999 21001	0.66 0.66 0.66	300 300	Closed Closed	Closed Closed Closed	Off   Off	Off Off Off	-22.8	1 -24 H	-27.9 -27.8 -27.8 -27.8
08:00:57 08:00:58	-6	.,		21000 21002	0.66 0.66	300 300	Closed Closed	Closed	Off Off	Off Off	-22.8 -22.8	-24.8 -24.8	-27.8
08:00:59 08:01:00 08:01:01	-6	41	-85	21003 21005 21006	0.66 0.66 0.66	300	Closed	Closed Closed Closed	Off Off	Off Off Off	-22.8 -22.8	-24.8 -24.8 -24.9	-27.9 -27.9
08:01:02 08:01:03 08:01:04	-6 -6	41	-85	21004 21002 21001	0.66	300 300	Closed	Closed Closed Closed	Off Off	Off Off Off	·22.8 ·22.8 ·22.8	-24.9 -24.9 -24.8	-27.9
08:01:05 08:01:06 08:01:07	-6	4,		21000 20995	0.66 0.66	299 299	Closed Closed	Closed Closed	Off   Off	Off Off Off	-22.7	-24.8 -24.8 -24.8 -24.7	-27.8 -27.8 -27.7 -27.7
08:01:08 08:01:09	-6	41	-85	20988	0.66 0.66	298 297	Closed Closed	Closed Closed	Off Off	Off Off	·22.6	-24.7 -24.7	.27 6
08:01:10 08:01:11 08:01:12	-6 -6	41	-85	20983 20980 20980	0.66 0.66 0.65	296	Closed	Closed	l Off	0ff 0ff 0ff	-22.7	-24.7 -24.8 -24.7	
08:01:13 08:01:14 08:01:15	-6	41		20980 20980 20979	0.65	295 294	Closed Closed	Closed	l Off	Off Off Off	-22.5 -22.4 -22.4	-24.8 -24.7 -24.6 -24.5	-27.4 -27.3 -27.2
08:01:16 08:01:17	-7		-85	20980 20984	0.65 0.65	292 291	Closed Closed	Closed	Off   Off	Off Off	-22.4	·24.5	27.3 -27.3
08:01:18 08:01:19 08:01:20	.7 .7	41	-85	20989 20991 20990	0.64	291 290 289	Closed	Closed	ij Off	Off Off Off	-22.4	-24.4 -24.4 -24.4 -24.5	·27.2 ·27.2 ·27.2
08:01:21 08:01:22 08:01:23	-7	41		20988 20979 20972	0.64	288 288	Closed Closed	Closed	i Off	Off Off Off	-22.4 -22.3	-24.5 -24.4 -24.3	-27.2 -27.2 -27.1 -27.0
08:01:24 08:01:25	l	41	-85	20963 20955	0.64	287 286	Closed Closed	Closed Closed	Off Off	Off Off	·22.3	-24.3 -24.4	-27.0
08:01:26 08:01:27 08:01:28	.7	41	-85	20933 20922 20911	0.63 0.63	285 284	Closed	Closed	Off   Off	Off Off	-22.3 -22.3 -22.2	-24.3 -24.2 -24.1 -24.1 -24.1	-27.0 -26.9 -26.8
08:01:29 08:01:30 08:01:31	-8	41		20898 20870 20854	0.63 0.63 0.63	283 283 282	Closed Closed	Closed	1 Off 1 Off	Off Off	-22.1 -22.2	-24.1 -24.1 -24.1	-26.7 -26.7 -26.8
08:01:32 08:01:33	-8		-85	20838 20820	0.62 0.62	282 282	Closed	Closed	Off Off	Off Off	-22.2	-24.1	-26.7 -26.6
08:01:34 08:01:35 08:01:36	-8 -8	41	-85	20783 20762 20740	0.62	281	.  Closed	Closed	i Off i Off	Off Off	-22.1 -22.1 -22.2	-23.9 -23.9 -24.0	-26.6 -26.6 -26.7
08:01:37 08:01:38 08:01:39	l	•		20718 20670 20646	0.62	281	Closed	Closed	i Off	Off Off Off	-22.3 -22.2	-24.0 -24.1 -24.1	-26.8 -26.7 -26.7
08:01:40 08:01:41	-8		-85	20621 20595	0.62 0.62	281	Closed Closed	Closed Closed	Off Off	Off Off	-22.2	-24.0 -24.0	-26.6
08:01:42 08:01:43 08:01:44	8· 8·	41	- 85		0.62	280 280 281	Closed Closed	Closed	off off	Off Off Off	1 .22.1	-24.0 -23.9 -23.9	-26.6 -26.5 -26.5
08:01:45 08:01:46 08:01:47	ŀ	1		20466 20413 20385	0.62	281	. Closed	Closed Closed	Off Off	Off Off	-22.1	23.9 -23.9	-26.5 -26.5 -26.5

FDR Elapse	TAT	Latitude: Coarse	Longitude: Coarse	Pressure Altitude	Mach Number	Airspeed: Computed	Wing Anti-Ice	Wing Anti-Ice	Eng 1: Inlet	Eng 2: Inlet	SAT_K.75	SAT_K.85	SAT_K1.0
Time		(deg)	(deg)	(feet)	(number)	(knots)	LH Closed (0-closed)	RH Closed (0-closed)	Anti-Ice	Anti-Ice (1-open)	(deg C)	(deg C)	(deg C)
08:03:40 08:03:41 08:03:42	-6 -6		-85	17622 17616 17608	0.58 0.58 0.58	280 279 279	Closed Closed Closed	Closed Closed Closed	Off Off Off	Off Off Off	-18.7 -18.6	-20.3 -20.3	·22.7 ·22.7
08:03:43 08:03:44	-6	41	-85	17600 17579	0.58 0.58	279 279	Closed Closed	Closed Closed	0ff 0ff 0ff	0ff 0ff 0ff	-18.6 -18.6 -18.6	-20.2	-22.6 -22.6 -22.6
08:03:45 08:03:46 08:03:47	-6	41		17570 17559 17544	0.58 0.58 0.58	279 279 279	Closed Closed Closed	Closed Closed Closed	Off Off	Off Off	-18.6 -18.6 -18.6	-20.2 -20.2 -20.2	-22.6 -22.6 -22.6 -22.6
08:03:48 08:03:49 08:03:50	-6 -6		-85	17516 17503 17487	0.58 0.58 0.58	279 279 279	Closed Closed Closed	Closed Closed Closed	0ff 0ff 0ff	0ff 0ff 0ff	-18.6 -18.6 -18.6	i -20.2	·22.6 ·22.6 ·22.6
08:03:51 08:03:52 08:03:53	-6	41	-85	17469 17437 17419	0.58 0.58 0.58	278 279 279	Closed Closed Closed	Closed Closed	0ff 0ff 0ff	0ff 0ff 0ff	-18.6   -18.5	1 -202	I .22 K
08:03:54 08:03:55	٠6	41		17402 17382	0.58 0.58	278 278	Closed Closed	Closed Closed	Off Off	Öff Off	-18.5 -18.5	-20.1	-22.5 -22.4
08:03:56 08:03:57 08:03:58	·6 ·6		-85	17341 17317 17294	0.58 0.58 0.58	1 278	Closed Closed Closed	Closed	Off	0ff 0ff 0ff	-18.3 -18.2 -18.2	-19.9 -19.8 -19.8	-22.3 -22.2 -22.1 -22.1
08:03:59 08:04:00 08:04:01	-6	41	-85	17269 17218 17189	0.58 0.58 0.58	278 278 278	Closed Closed Closed	Closed	Off	0ff 0ff 0ff	1 .18 1	-19.8 -19.7 -19.7	-22.1 -22.1 -22.1 -22.1 -22.1
08:04:02 08:04:03 08:04:04	-6 -5	41	-85	17162 17134 17078	0.58 0.58 0.58	278 279 279	Closed Closed	Closed Closed	Off Off	Off Off Off	-18.2 -18.1	-19.8   -19.7	-22.1 -22.1
08:04:05 08:04:06	-5			17050 17023	0.57	279	Closed	Closed Closed	Off Off	Off Off	-17.9 -17.9	-19.5	-21.8
08:04:07 08:04:08 08:04:09	-5	41	-85	16996 16941 16914	0.57 0.57 0.5 <u>7</u>	279 279 279	Closed	Closed Closed	0ff 0ff 0ff	0ff 0ff 0ff	1 -17.9	-19.5 -19.5 -19.4 -19.4	-21.8 -21.8 -21.8 -21.7
08:04:10 08:04:11 08:04:12	-5 -5	41	-85	16889 16862 16809	0.57 0.57 0.57	279 278 278	Closed Closed Closed	Closed	0ff 0ff 0ff	0ff 0ff 0ff	-17,7	-19.4 -19.4	1 .21 7
08:04:13 08:04:14 08:04:15	-5	41	33	16783 16755 16726	0.57 0.57 0.57	278 278 278 278	Closed	Closed Closed	01f 0ff	011 011 011	-17.4 -17.4	-19.0 -18.9 -19.0	-21.3
08:04:16 08:04:17	-5	72	-85	16666 16634	0.57 0.57	278 279	Closed Closed	Closed Closed		Off Off	-17.5 -17.7	-19.1 -19.2	-21.4 -21.6 -21.5 -21.4
08:04:18 08:04:19 08:04:20	-5 -5	41	-85	16603 16574 16544	0.57 0.57 0.57	280 279 278	Closed Closed Closed	Closed	Off Off	Off Off Off	-17.5	-19.0	21.4
08:04:21 08:04:22 08:04:23	-5	41		16484 16455 16422	0.57 0.57 0.57	278 278 277	Closed Closed Closed	Closed	Öff	0ff 0ff 0ff	·17.5	1 -19.1	-21.3
08:04:24 08:04:25 08:04:26	-5 -5		-85	16394 16333 16301	0.56 0.56 0.56	277 277 276	Closed Closed Closed	Closed Closed Closed		0ff 0ff 0ff	-17.4 -17.4	-19.1 -19.0	-21.3 -21.2 -21.2
08:04:27 08:04:28	-5	41	-85	16268 16233	0.56	276 276	Closed Closed	Closed	Off Off	Off Off	-17.4 -17.3	-18.9	-21.1
08:04:29 08:04:30 08:04:31	-5	41		16160 16124 16085	0.56 0.56	276 276	Closed Closed	Closed Closed	Off Off	Off Off Off	17.3	18.8	-21.0
08:04:32 08:04:33 08:04:34	-5 -5		-85	16042 15962 15920	0.56 0.56 0.56	276	Closed Closed Closed	Closed	Off	0ff 0ff 0ff	17.2	-18.8 -18.8 -18.8	-21.0 -21.0 -21.0 -21.0
08:04:35 08:04:36 08:04:37	-5	41	-85	15877 15837 15752	0.56 0.56 0.56	277	Closed Closed Closed	Closed Closed	Off Off	0ff 0ff 0ff	.17.1	1 -18.6	-20 9
08:04:38 08:04:39 08:04:40	-5 -5	41	-85	15712 15670 15632	0.56 0.56 0.56	279	Closed	Closed Closed	Off Off	Off Off Off	17.0 17.0	-18.5 -18.6	-20.8
08:04:41 08:04:42	-5 -4		1 .03	15552 15514	0.56	1 280	Closed Closed	Closed Closed	Off Off	Off Off	·16.8 ·16.7	-18.3 -18.2	-20.6 -20.5
08:04:43 08:04:44 08:04:45	-4	41	-85	15480 15445 15378	0.56 0.56	281 281	Closed Closed Closed	Closed	Off	0ff 0ff 0ff	-16.6 -16.6	·18.1 -18.1	-20.4 -20.4
08:04:46 08:04:47 08:04:48	-4 -4	41	-85	15346 15313 15284	0.56	281 281	Closed	Closed Closed	Off Off	Off Off	16.6	-18.2 -18.1	20.4
08:04:49 08:04:50 08:04:51	-4	41		15224 15194 15166	0.56	282 282	Closed	Closed Closed	Off Off	Off Off	16.4 16.4	1 -17.9	-20.2
08:04:52 08:04:53 08:04:54	-4	7.	-85	15137 15084	0.56 0.56	282 282	Closed	Closed Closed	Off Off	Off Off	·16.2	17.7	'
08:04:55 08:04:55 08:04:56 08:04:57	-4 -4	41	-85	15058 15033 15008	0.56 0.56	282 282	Closed	Closed Closed	Off Off	Off Off	16.0	1 .17 6	-19.8 -19.8 -19.6
08:04:58	-4	41		14957 14931 14906	0.56 0.56 0.56	281 281	Closed	ll Closed	l Off	Off	· 15.7	17.3	-19.5 -19.5 -19.5
08:05:00 08:05:01 08:05:02	-4 -4		-85	14881 14833 14807	0.56	282 282 282	Closed	Closed Closed	Off Off	Off Off	·15.7 ·15.7	-17.3 -17.2	-19.9 -19.8 -19.5 -19.5 -19.5 -19.4 -19.4
08:05:03 08:05:04 08:05:05	-4	41	-85	14781 14756 14730	0.56	281 281	Closed	Closed	0ff 0ff	Off Off	-15.6 -15.5	-17.2 -17.0	-19.4 -19.2
08:05:06 08:05:07	-4	41		14678 14649	0.55 0.55	281 281	Closed Closed	Closed Closed	Off Off	Off Off	-15.4 -15.4	-16.9 -16.9	·19.1 19.1
08:05:08 08:05:09 08:05:10 08:05:11	-4 -3		-85	14623 14595 14539 14511	0.55 0.55 0.55 0.55	1 282	Closed Closed Closed	Closed Closed	Off Off	Off Off	15.3 15.3	·16.9	-19.1 -19.0 -18.9
08:05:12 08:05:13	-3	42	-85	14484   14456	0.55	281	Closed	Closed Closed	Off Off	Off Off	15.1	16.5	-18.8 -18.8 -18.7
08:05:14 08:05:15	-3	42	-85	14402 14372	0.55	281 281	Closed Closed	Closed Closed	Off Off	0ff 0ff	15.0 15.0	16.6	-18.7 -18.7
08:05:16 08:05:17 08:05:18	-3 -3			14345 14319 14268	0.55 0.55 0.55	281 281 281	.l Closed	Closed Closed	ll Off	Off Off	14.7	16.2	-18.4 -18.4 -18.4 -18.4
08:05:19 08:05:20 08:05:21	-3	42	-85	14240 14215 14190	0.55 0.55 0.55	281 281 281	Closed Closed Closed	Closed Closed	011	Off Off	14.7 -14.7	16.2	-18.4 -18.3 -18.3 -18.3 -18.3
08:05:22	-3	42	- 85	14140 14116	0.55	281	Closed Closed	Closed Closed	0ff	Off Off	14.6	-16.2 -16.1 -16.0	18.3 18.3 18.1
08:05:24 08:05:25 08:05:26 08:05:27	-3	42		14069 14026 14004	0.55	281 280	Closed	Closed Closed	l Off	0ff 0ff	-14.	-15.8 -15.8	·18.0 -17.9
08:05:27 08:05:28 08:05:29	-3		-85	13983 13962	0.54	280 280 280	Closed Closed	Closed Closed	0f1   0f1	0ff 0ff	-14.3 -14.2	-15.8 -15.8 -15.7	·17.9
08:05:30 08:05:31	-2	42		13919 13895	0.54 0.54	280 280	Closed Closed		0ff 0ff		-14.1 -14.0	-15.6 -15.5	17.7 17.6

DR lapse	TAT	Latitude: Coarse	Longitude: Coarse	Pressure Altitude		Airspeed: Computed	Wing Anti-Ice	Wing Anti-Ice	Eng 1: Inlet	Eng 2: Inlet	SAT_K.75	SAT_K.85	SAT_K1
ine		(deg)	(deg)	(feet)	(number)	(knots)	LH Closed	RH Closed	Anti-Ice (1-open)	Anti-Ice (1-open)	(deg C)	(deg C)	(deg C
:05:32 :05:33	-2		- 85	13872 13851	0.54 0.54	279 279	Closed Closed	Closed Closed	Off Off	Off Off	-14.0 -13.9	-15.4 -15.4	-17 17
:05:34	-2	42		13804 13780	0.54 0.54 0.54 0.54 0.54	279 279	Closed Closed	Closed Closed	011 011	Off Off	13.9 13.9	15.4 15.4	17
:05:36 :05:37	-2		-85	13757 13731	0.54	279	Closed	Closed	0ff 0ff 0ff	Off Off	13.9 -13.9	-15.3 -15.3	17 17 17
05:38 05:39 05:40	·2	42	-85	13683 13658 13634	0.54 0.54 0.54	279	Closed Closed Closed	Closed Closed Closed	Off Off	0ff 0ff 0ff	13.8 13.8 -13.7	15.3 15.3 -15.1	17
05:41 05:42	-2		185	13608 13558	0.54 0.54	279	Closed	C]osed	Off Off	Öff Off	13.6 13.5	15.0 15.0	-17 -17 -17
05:43 05:44	-2	42	-85	13532 13506	0.54	279	Closed Closed	Closed Closed	Off Off	Off Off	13.5 13.5	15.0 15.0	·17
05:45 05:46	-2	40		13480 13429	0.54 0.54 0.54	280 279	Closed Closed		Off Off	Off Off	-13.5 -13.4 -13.2	1 14 9	· 17 · 16 · 16
05:47 05:48	-2	42	-84	13401 13375 13350	0.54 0.54 0.54	279	Closed Closed Closed		Off Off Off	Off Off Off	-13.2 -13.2	14.6 -14.7	I ∗16
05:49 05:50 05:51	-2	42		13297 13273	0.54 0.54	280	Closed	Closed		Off Off	13.2	14.7 14.6	-16 -16
05:52 05:53	-2		-84		0.54 0.54	280 280	Closed	Closed	Off Off	Öff Off	13.1 13.0	14.5 14.4	16
05:54 05:55	-2	42	<u> </u>	13171 13145	0.54 0.54	280 280	Closed Closed		Off Off	Óff Off	·13.0	-14.4 14.4	·16
05:56 05:57	-2		-84	13121 13095	0.54 0.53	280	Closed	Closed	Off Off	Off Off	-12.9 -12.9	-14.4 -14.4	-16
05:58 05:59	-2	42		13047 13024	0.53 0.53	280	Closed	Closed	Off	Off Off	12.9 -12.9 -12.7	14.4 14.3	-16 -16 -16
06:00 06:01 06:02	·2 -2		-84	13001 12979 12933	0.53 0.53 0.53	279	Closed	Closed	Off	Off Off Off	12.6 12.6	14.2 14.0 -14.0	-16
06:03	-2	42	-84	12913 12892	0.53	279	Closed	Closed	Öff Öff	Ŏff Off	-12.6 -12.5	-14.0 -14.0	-10
06:05 06:06	-2		"	12871 12833	0.53	278 278	Closed	Closed	Off	Öff Off	-12.5 12.5	13.9 13.9	1 .11
06:07 06:08	-1	42	-84	12815 12797	0.53 0.53 0.53	1 278	Closed Closed	Closed	Off Off	Off Off	-12.4 -12.3 -12.1	-13.8 -13.7 -13.5	1 -1!
06:09 06:10	-1			12781 12750	0.53	277	Closed	Closed		Off Off	12.1	i ⋅13.5	1 1
06:11 06:12	-1	42	-84	12736 12722	0.53	276	Closed	Closed	0ff	Off Off	12.1 12.0	-13.5 -13.5	1 1
06:13 06:14	-1	40		12708 12684	0.52	275	Closed	Closed	Off		-12.0 -11.9 -11.9	-13.4 -13.3 -13.3	-1 -1 -1
06:15 06:16 06:17	-2	42	-84	12672 12661 12650	0.52 0.52 0.52	274	Closed	Closed	Off	Off Off	-12 0 -12 0 -12 0	13.4	-1
06:18 06:19	-2	42		12632 12624	0.52	273	Closed	Closed	Off	Öff Off	-12.0 -12.0	13.4 -13.4 -13.4	1 -1
06:20 06:21	-2		-84	12618	0.52	271	Closed Closed	Closed	Off	Off Off	-11.9 -11.8	13.3 13.2	1
06:22 06:23	-2	42		12613 12606 12604	0.51	270 269	Closed Closed	Closed Closed	Off Off	Off Off	-11.8 -11.7	·13.2 -13.1	1
06:24 06:25	-2		-84	12603 12604	0.51	267	Closed	Closed	Off Off	Off Off	-11.6	-13.0	1
06:26 06:27	-2	42	64	12605 12607	0.50	265	Closed	Closed	Off	Off Off	-11.7 -11.7 -11.6	-13.0 -13.1	-1
06:28 06:29 06:30	-2 -2		-84	12608 12611 12615	0.50	263	Closed Closed Closed	Closed	Off	0ff 0ff 0ff	11.5 11.5	13.0 12.9 12.8	-1
06:31 06:32	-2	42	-84	12620	0.50	261	. Closed	Closed	Off	Öff Off	11.4	12.7 12.8	-1
06:33 06:34	-2			12627 12637	0.49	259 258	Closed Closed	Closed	Off Off	Off Off	11.5	-12.8 12.7	1
06:35 06:36	-2	42	-84	12642 12647	0.49	257 256	Closed Closed		Off	Off Off	-11.4 -11.5 -11.5	12.7	1
06:37 06:38	-2			12654 12665	0.49	255	Closed Closed	Closed	Off	Off Off	-11.5	-12.7	-1
06:39 06:40 06:41	-2	42	-84	12671 12677 12682	0.48	254	Closed	Closed	Off	Off Off Off	11.4	-12.6	1
06:42 06:43	-2	42		12691 12695	0.48	253	Closed	Closed	Ŏŕf		-11.5 -11.5	-12.7 -12.7	1
06:44 06:45	-2		-84		0.48	252	Closed	Closed	Off	Off Off	11.5	·12.7	1 .1
06:46	-2	1 42		12703 12704	0.48	252 251	'l Closed	Closed	Off Off	Off Off	·11.5	-12.7 -12.7 -12.6	
06:48 06:49 06:50	-2		-84	12703	0.48	251 251	Closed Closed	Closed	Off	l Off	11.5 -11.5	-12.6 -12.6	1
06:511	-2	42		12700 12698	0.48	251	Closed	Closed	Off		11.5	·12.6	1
06:52 06:53	·2 ·2		-84	12696 12693 12687	0.48 0.48 0.48	251 251 251 251 251 251 251	Closed Closed Closed	Closed	l  Off	Off Off Off	11.4	12.6 12.6	1
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186:00	-2			12676 12668	0.48	3 250	Closed	li Closed	ll Off	Óff	11.4	-12.6 -12.6	- <u>î</u> -1
06:59	-2	42	-84	12665 12661	0.48	3 250 3 250	Closed Closed	Closed Closed	0ff 0ff	Off Off	11.4	12.5	1 1
07:01 07:02	-2			12658 12650	0.48	3 250 3 250	Closed Closed	Closed	Off Off	Off Off	11.4	12.5	-1
07:03 07:04	-2	42	-84		0.48 0.48	250 250	) Closed	Closed	ll Off	Off Off	-11.4 -11.4	12.5	1
07:04 07:05 07:06 07:07	-2	42		12644 12642 12641	0.48 0.48 0.48 0.48	250 250 250	Closed Closed Closed	ll Closed	l  Off	Off Off Off	11.4	-12.5	-1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -
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07:10 07:11	-2	1 42		12642 12643	0.47	71 249	ii Ciosed	l  Closed	ll Off	Off	11.3	-12.5 -12.5 -12.5 -12.5 -12.4 -12.4	1
07:12 07:13	-2		-84	12645 12646	0.47	249	Closed Closed	Closed	Off   Off	Off Off	11.3	·12.4	i
07:14 07:15	-2	42		12651 12654	0.47	249	Closed Closed	Closed Closed	Off Off	Off Off	11.3	12.4	:t
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07:20 07:21 07:22 07:23	-3		-84	12668 12669 12672	0.47	7] 249	Closed	ll Closed	ll Off	Off	11.6	·12.6	1
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Ž. ÞÍ.	6.51. 6.51. 6.51. 6.51.	4.II.	1110	310	paso[j paso[j	paso()	092	74.0	12675		'	2·	PE:80:80
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1.41.	S.SI	£.11.	110 110	110	paso[3	pasold	S20	<u>ζ</u> τ.ο	12921 12921 12924 12921 12921	.a.			82:80:80 62:80:80
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Ž:4į-	<u> </u>	\$ <u> </u>	110	110	paso(j	pasolo	SZO	84.0	15928	<u>ــــــــــــــــــــــــــــــــــــ</u>			TZ:80:80
		4.II- 4.II-	110	110 110	pasolo	pasol3	520 520	84.0 84.0	15926 15926	<del>1</del> 48-	Z <del>1</del>	Z-	02:80:80 61:80:80
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1.41-	12.4	£.11.	110	110	pasota pasota	paso[j paso[j	249 549	74.0   74.0	12921		GP .	z-	72:70:80 82:70:80
<u>                                     </u>	4. <u>51</u> .	E. II - E. II - E. II - E. II -	110 110 110	110	paso[j paso[j	paso[j paso[j	249 249	74.0 74.0 74.0	15998 15998	<b>4</b> 8∙	ì	Z	75:70:80 95:70:80
1.41-	12.4	£.11.	110	110	paso[)	paso[j	549	74.0	T5992	70	45		22:70:80
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Ĭ 'ÞĬ-	12.4	È: tt.	110 110 110	110	pasoid	idəsoin i	249	74.0	TS990 15990		24	z-	05:70:80 05:70:80
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2.41- 2.41- 1.41-	7.51- 7.51- 8.51- 4.51-	Ď· ŤŤ-	110	110	paso()	paso[3	249	74.0 74.0	15924 15924		"	2.	S4: 70:80
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₽.₽[- ₽.Δ[-	7.51- 7.51- 7.51- 7.51- 7.51-	9,11- 9,11- 9,11- 9,11-	110 110	110 110	paso[3	paso[3	249 549	ζ <b>ν</b> : 0	15657 12660			ε-	75:70:80 75:70:80
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p'pl-	7.51.	<u> </u>	1110	110	pesoin	paso[j	520	Ι <b>Ζ</b> Φ΄Ο	15664		"	ε-	46:70:80
5.4 <u>1.</u>			110 110	110 110	pesolj pesolj	paso[3	549 549	74.0 74.0	15998	<b>№</b> 8-	L	<u>  [-                                   </u>	SE: 70:80 EE: 70:80
£. Þ.L -	7. <u>51</u> -	ă.II-	110	110	pasolo	paso[j	249	Z† 0	J2669		45	c.	TE: 20:80
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£.4£-	7:51.	֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓	110 110 110	1110	paso[j	pasoio	6 <del>1</del> 2	ĮŽ <u>¥</u> :ŏ	12674 12674 12674		-	€-	92:70:80
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() 6ap)	() 5ap)	(j Bap)	(J-obeu)	(J-obeu)	(pəso[ɔ-0)	(0-closed)	(knots)	(number)	(1991)	(бәр)	(fiap)		
(2 nah)	( (dec (	(App (?)	Ant1-Ice	Anti-Ice	L Dasol Jun	ไกลรดเกมา				1			9mlT
SAL_KI.0	58.X_TAS	ST.X_TAC	injet Eng 2:	Iujet Eud I:	enti esi-isna	Ming Anti-Ice	Airspeed: Computed	Mach	Pressure Slittude	Longitude:	Latitude: Coarse	101	Ejsbae Ejsbae
			<b></b>										

FDR	TAT	Latitude:	Longitude:	Pressure	Mach	Airspeed:	Wing	Wing	Eng 1: Inlet	Eng 2: Inlet	SAT_K.75	SAT_K.85	SAT_K1.0
Elapse Time		Coarse (deg)	(deg)	Altitude (feet)	Number (number)	(knots)	Anti-Ice LH Closed (0-closed)	Anti-Ice RH Closed (0-closed)	Inlet Anti-Ice (1-open)	Anti-Ice	(deg C)	(deg C)	(deg C)
08:09:16 08:09:17	-2		-84	12659 12655	0.48 0.48	250 250	Closed Closed	Closed	Off Off	Off Off	-11.4 -11.4	-12.5	-14.2
08:09:18 08:09:19	-2	42		12649 12644	0.48 0.48	250 250	Closed Closed	Closed Closed	Off Off	Off Off	: <u>11</u> .4 :11.4	-12.5 -12.5	-14.2 -14.2 -14.2 -14.2 -14.2 -14.2 -14.1 -14.1
08:09:20 08:09:21 08:09:22	-2 -2		-84	12641 12635 12624	0.47 0.47 0.47	250 250 249	Closed Closed Closed	Closed	Off Off Off	Off Off Off	-11.4 -11.3 -11.3	-12.5 -12.5 -12.5	-14.2 -14.2 -14.1
08:09:23 08:09:24	-2	42	-84	12617 12610	0.47 0.47	249 249	Closed Closed	Closed Closed	Off Off	Off Off	-11.3 -11.3 -11.3	-12.4	•14,1
08:09:25 08:09:26 08:09:27	-2	42		12601 12581 12571	0.47 0.47 0.47	249 249 249	Closed Closed Closed	Closed Closed	0ff 0ff 0ff	0ff 0ff 0ff	-11.3 -11.3 -11.3	-12.4 -12.4 -12.4	-14.1 -14.1 -14.0
08:09:28 08:09:29 08:09:30	-2 -2		-84	12559 12546 12518	0.47 0.47 0.47	248 248 248	C1osed		Off Off Off	Off Off Off	-11.3 -11.2 -11.2 -11.2	-12.4 -12.4 -12.3	-14.0 -14.0 -14.0
08:09:31 08:09:32	-2	42	-84	12502 12485	0.47	248 248	Closed Closed	Closed Closed	Off Open	Off Off	I -11.Z	1 -12.3	-14.0 -13.9
08:09:33 08:09:34 08:09:35	-2	42		12468 12429 12409	0.47 0.47 0.47	248 248 248	Closed		Open Open Open	Off Off Off	-11.2 -11.2 -11.2 -11.1	1 -12.3	-13.9 -13.9 -13.9
08:09:36 08:09:37 08:09:38	-2 -2		-84	12387 12366 12320	0.47 0.47 0.47	248 249 249	Closed Closed		Open Open	Off Off Off	-11.2 -11.2 -11.2	-12.3 -12.3	-13.9 -13.9
08:09:39 08:09:40	-2	42	-84	12297 12275	0.47	249 249	Closed Closed	Closed	Open Open Open	Off Off	-11.1 -11.0	-12.3 -12.1	-13.9 -13.9 -13.8
08:09:41 08:09:42 08:09:43	.2	42		12253 12214 12196	0.47 0.47 0.47	249 249 249	Closed Closed	Closed Closed	Open Open Open	0ff 0ff 0ff	-10.9 -10.9 -10.9	-12.0	-13.8 -13.7 -13.7 -13.7
08:09:44 08:09:45	-2	72	-84	12179 12163	0.47 0.47	249 248	Closed Closed	Closed Closed	Open Open	Off Off	-10.9 -10.9	-12.0 -12.0	13.6
08:09:46 08:09:47 08:09:48	-2	42	-84	12136 12124 12112	0.47 0.47 0.47	248 248 248	Closed	Closed Closed Closed	Open Open Open	Off Off Off	-10.9 -10.8 -10.8	-12.0	
08:09:49 08:09:50	.2			12102 12083	0.47 0.47	248 248 248	Closed	Closed Closed	Open Open	Off Open	·10.8 ·10.8	-11.9 -12.0	·13.6 ·13.6
08:09:51 08:09:52 08:09:53	-2	42	-84	12076 12067 12058	0.47 0.47 0.47	249 249 249	Closed Closed	Closed Closed	Open Open Open	Open Open Open	-10.8 -10.7 -10.6	1 -11.7	1 .13.4
08:09:54 08:09:55 08:09:56	-2 -2	42	-84	12041 12031 12023	0.47 0.47 0.47	250 250 250	Closed	Closed	Open Open Open	Open Open Open	-10.6 -10.7 -10.7	-11.7 -11.8 -11.8	-13.4 -13.4
08:09:57 08:09:58	-2			12014 11998	0.47 0.47	250 250	Closed Closed	Closed Closed	Open Open	Open Open	-10.7 -10.7	11.8	-13.5 -13.5
08:09:59 08:10:00 08:10:01	-2	42	-84	11989 11980 11973	0.47 0.47 0.47	250 250 250	Closed	Closed	Open Open Open	Open Open Open	-10.7 -10.7 -10.7	-11.8	-13.5 -13.4 -13.4
08:10:02 08:10:03	-2	42		11956 11946	0.47 0.47	250 250	Closed Closed	Closed Closed	Open Open	Open Open	·10.7	11.8	13.4
08:10:04 08:10:05 08:10:06	-2 -2		-84	11937 11925 11902	0.47 0.47 0.47	250 249 249	Closed Closed Closed	Closed	Open Open Open	Open Open Open	-10.6 -10.6 -10.6	-11.7	-13.4 -13.3 -13.3 -13.3 -13.3 -13.3
08:10:07 08:10:08 08:10:09	-2	42	-84	11889 11876 11860	0.47 0.47 0.47	249 248 248	Closed Closed Closed	Closed Closed	Open Open Open	Open Open Open	-10.6 -10.5 -10.5	11.7	-13.3 -13.3
08:10:10 08:10:11	-2	42		11828 11809	0.46 0.46	248 248	Closed Closed	Closed Closed	Open Open	Open Open Open	-10.5 -10.5	11.6	13.6
08:10:12 08:10:13 08:10:14	-2 -2		-84	11791 11772 11731	0.46 0.46 0.46	248 248 248	Closed	i Closed	Open Open Open	Open Open Open	-10.5 -10.5 -10.5	-11.6	-13.2
08:10:15 08:10:16	-2	42	-84	11710 11688	0.46 0.46	248 248	Closed Closed	Closed Closed	Open Open	Open Open	-10.4   -10.3	11.5	
08:10:17 08:10:18 08:10:19	-2	42		11667 11628 11610	0.46 0.46 0.46	248 248 247	Closed	Closed	Ореп Ореп Ореп	Open Open Open	-10.2 -10.2 -10.2	-11.2	I -12.B
08:10:20 08:10:21 08:10:22	-2 -2		-84	11593 11578 11548	0.46 0.46 0.46	247	Closed Closed Closed	Closed	Open Open	Open Open	-10.1 -10.1	-11.2	12.8
08:10:23 08:10:24	-2	42	-84	11535 11524	0.46	247 246	Closed Closed	Closed Closed	Open Open Open	Open Open	-10.1 -10.0	1 .11.1	-12.8 -12.7 -12.7 -12.7
08:10:25 08:10:26 08:10:27	-2	42		11514 11494 11486	0.46 0.46 0.46	245	Closed	Closed	Open Open Open	Open Open Open	-10.0	1 -11.1	1 -12.6
08:10:28 08:10:29	-2	, -	-84	11479 11475	0.45 0.45	243 241	Closed Closed	Closed	Open Open	Open Open	9.8 9.8	11.0	12.7
08:10:30 08:10:31 08:10:32	-2 -2	42	-84		0.45 0.45 0.44	240 239 238	Closed Closed Closed	Closed Closed	Open Open Open	Open Open Open	-9.6	16 7	12.1 12.1 12.1
08:10:31 08:10:32 08:10:33 08:10:34 08:10:35	-2	42		11453 11439 11432	0.44 0.44 0.44	1 237	Closed Closed Closed	Closed Closed	Open Open	Open	-9.7 -9.6 -9.6	1 -10.7	-12.2 -12.1
08:10:36	-2	72	-84	11424 11415	0.44	234	Closed Closed	Closed Closed	Open Open	Open Open	·9.5	-10.6 -10.5	11.9
08:10:38 08:10:39 08:10:40	-2 -2	42	-84	11396 11385 11374	0.43 0.43 0.43	232	l Closed	ll C1osed	Open Open Open	j Open	9.4	-10.4 -10.4	.11 7
08:10:41 08:10:42	1	1		11365 11342 11330	0.43 0.43 0.43	1 230	Closed Closed	Closed Closed	Open Open	Open Open	9.5	-10.4 -10.5 -10.5 -10.4	-11.8 -11.8 -11.7
08:10:43 08:10:44 08:10:45	1	42	-84		0.42	228	Closed	Closed	Open Open Open	Open		. 10.3	11.6
08:10:46 08:10:47	-2	42		11284 11273	0.42 0.42 0.42 0.42 0.42	226 226	Closed	Closed Closed	l Open	Open Open	9.2	-10.3 -10.2 -10.2 -10.1	-11.5 -11.4
08:10:48 08:10:49 08:10:50	-2		-84	11249 11225	0.42 0.42 0.42 0.42	225 225 224 223	Closed Closed Closed	Closed   Closed	Open Open	Open Open	-9.1 -9.1	· 10.1 · 10.1 · 10.0	-11.4 -11.3
		42	-84	11214	0.42 0.41 0.41	222	Closed Closed Closed	Closed	Open Open	Open Open	·9.1	-10.0 -9.9 -9.9	-11.3 -11.2
08:10:52 08:10:53 08:10:54 08:10:55 08:10:56 08:10:57	.2	42		11166 11154	0.41	221	Closed	Closed   Closed	Open Open	Open Open	9.0	-10.0 -10.0	11.2
			-84	11141 11129 11101	0.41 0.41 0.40	219 219 218	Closed Closed	Closed   Closed	Open Open	Open Open	8.9	9.8	-11.0 -10.9 -10 g
79.17.50	1	42	- 84	11087 11073	0.40	217	Closed Closed	Closed Closed	Open Open	Open Open	8.7		10.9
08:11:00 08:11:01 08:11:02 08:11:03 08:11:04 08:11:05	.2	1 42	:	11056 11026 11010	0.40	1 216	l Clased	Closed   Closed	Open Open	i Open	-8.8	-9.8 -9.7 -9.7	10.9 10.9
08:11:04 08:11:05 08:11:05	-2	]	-84	10996 10980 10951	0.40 0.40 0.40	215 215	Closed	Closed Closed	Open Open	Open Open	-8.6	-9.6 -9.6 -9.5	10.8
08:11:07		42	:	10936	0.40	214	Closed Closed			Open Open	-8./	9.5	10.7

FDR	TAT	Latitude:	Longitude:			Airspeed:		Wing Anti-Ice	Eng 1: Inlet	Eng 2: Inlet	SAT_K.75	SAT_K.85	SAT_K1.0
Elapse Time		Coarse (deg)	Coarse (deg)	Altitude (feet)	Number (number)	(knots)	Anti-Ice LH Closed (0-closed)	Anti-Ice RH Closed (0-closed)	Anti-Ice	Inlet Anti-Ice (1-open)	(deg C)	(deg C)	(deg C)
08:11:08 08:11:09	-2		-84	10922 10908	0.39 0.39	213 213	Closed Closed	Closed Closed	Open Open	Open Open	-8.7 -8.6	.9.5 .9.5	-10.7 -10.6
08:11:10 08:11:11 08:11:12	-2 -2	42	-84	10878 10863 10849	0.39 0.39 0.39	212 212 212	Closed Closed Closed	Closed Closed Closed	Open Open Open	Open Open Open	-8.6 -8.6 -8.6	-9.4	-10.6 -10.5 -10.5
08:11:13 08:11:14	-2	40		10832 10805	0.39 0.39	211 211	Closed Closed	Closed Closed	Open Open	Open Open	-8.5 -8.5	-9.3	-10.5 -10.5
08:11:15 08:11:16 08:11:17	-2	42	-84	10791 10778 10765	0.39 0.39 0.39	210 210 209	Closed Closed Closed	Closed Closed Closed	Open Open Open	Open Open Open	-8.5 -8.4 -8.4	-9.3 -9.2	-10.4 -10.4 -10.3
08:11:18 08:11:19	-2 -2	42	-84	10739 10727 10715	0.38 0.38 0.38	208 208 208	Closed Closed Closed	Closed Closed Closed	Open Open Open	Open Open Open	-8.3 -8.3 -8.3	-9.2 -9.1 -9.0	-10.2 -10.2 -10.1
08:11:20 08:11:21 08:11:22	.2		-04	10702 10679	0.38 0.38	207 206	Closed Closed	Closed Closed	Open Open	Open Open	-8.2 -8.2 -8.2	-9.0 -9.0	-10.1 -10.1
08:11:23 08:11:24 08:11:25	-2	42	-84	10666 10655 10644	0.38 0.38 0.37	205 204 204	Closed Closed Closed	Closed Closed Closed	Open Open Open	Open Open Open	-8.2 -8.1 -8.1	-9.0 -8.9 -8.9	·10.0
08:11:26 08:11:27	-3	42	94	10619 10606	0.37 0.37	203 202	Closed Closed	Closed Closed	Open Open	Open Open	-8.4 -8.7 -8.6	-9.3 -9.5	-9.9 -10.2 -10.5 -10.4
08:11:28 08:11:29 08:11:30	-3 -4		-84	10593 10581 10553	0.37 0.37 0.37	202 200 200	Closed	Closed Closed Closed	Open Open Open	Open Open Open	-8.6 -8.9	·9.4 ·9.6	-10.4 -10.6
08:11:31 08:11:32 08:11:33	-4	42	-84	10539 10527 10515	0.37 0.36 0.36	200 199 199	Closed	Closed Closed Closed	Open Open Open	Open Open Open	-9.0 -9.0 -9.0	-9.7	-10.7 -10.7 -10.6
08:11:34 08:11:35	-4	42		10490 10478	0.36 0.36	198	Closed	Closed Closed	Open Open	Open Open	-9.0 -9.1	·9.7	-10.7 -10.7
08:11:36 08:11:37 08:11:38	-4 -4		-84	10465 10453 10427	0.36 0.36 0.36	196 195 194 194	Closed	Closed Closed Closed		Open Open Open	.9.1 -9.0 -9.0	-9.7 -9.7	-10.7 -10.6
08:11:39 08:11:40	-4	42	-84	10413 10397	0.35	193 194	Closed	Closed Closed	Open Open	Open Open	-9.0 -9.0	-9.7 -9.6	-10.6 -10.6
08:11:41 08:11:42 08:11:43	-4	42		10382 10347 10328	0.35 0.35 0.35	193 194 193	Closed	Closed Closed Closed	Open Open	Open Open Open	-8.9 -8.9 -8.9	-9.6 -9.6	·10.5
08:11:44 08:11:45 08:11:46	·4 ·4		-84	10310 10288 10249	0.35 0.35 0.35	192 193 192	Closed Closed	Clased Clased Clased	Open Open	Open Open Open	-8.9 -8.9 -8.9	-9.5	1 .10.5
08:11:47 08:11:48	-4	42	-84	10229 10210	0.35 0.35	192 191	Closed Closed	Closed Closed	Open Open	Open Open	-8.9 -8.7	-9.5 -9.4	-10.3
08:11:49 08:11:50 08:11:51	-4	42		10190 10150 10130	0.35 0.35 0.35	191 191 192	Closed Closed Closed	Closed Closed Closed	0pen	Open Open Open	-8.6 -8.7 -8.6	-9.3 -9.3	-10.2 -10.2 -10.2
08:11:52 08:11:53 08:11:54	-4 -4		-84	10110 10091 10053	0.35 0.35 0.35	192 192 191	Closed	Closed Closed Closed	Open Open	Open Open Open	·8.6	-9.3	1 -10.2
08:11:55 08:11:56	-4	42	-84	10032 10012	0.35	191 191	Closed	Closed Closed	Open Open	Open Open	-8.5 -8.5	.9.2	-10.1
08:11:57 08:11:58 08:11:59	-4	42		9991 9949 9929	0.35 0.35 0.35	192 192 192	l Closed	Closed Closed Closed	. Open	Open Open Open	-8.5 -8.4 -8.3	-9.0	
08:12:00 08:12:01	-4		-84	9910 9890	0.35 0.35	191 190	Closed Closed	Closed Closed	Open Open	Open Open	-8.3 -8.3 -8.3	I -8.9	-9.9 -9.8
08:12:02 08:12:03 08:12:04	-4	42	-84	9850 9829 9807	0.35 0.34 0.34	190 190 190	Closed	Closed Closed Closed	Open .	Open Open Open	-8.2 -8.2	-8.9 -8.9 -8.8	-9.8
08:12:05 08:12:06	-4	40		9783 9737	0.34 0.34	190 190	Closed Closed	Closed Closed	Open Open	Open Open	-8.2 -8.2	-8.8 -8.8	-9.7 -9.7
08:12:07 08:12:08 08:12:09 08:12:10	٠3	42	-84	9715 9694 9671	0.34 0.35 0.35	191 192 192	: Closed	Closed Closed Closed	Open Open	Open Open Open	-8.2 -8.1 -8.0	-8.7 -8.6	9.6
08:12:11	·3	42	-84	9629 9610 9588	0.35 0.35 0.34		Closed	Closed Closed Closed	Open Open Open	Open Open Open	-8.0 -8.0 -8.0	-8.6	-9.5
08:12:12 08:12:13 08:12:14	-3			9569 9527	0.34 0.34	189 190	Closed Closed	Closed Closed	Open Open	Open Open	-8.0 -7.9	-8.6 -8.6	-9.5 -9.5
08:12:15 08:12:16 08:12:17	.3	42	-84	9505 9484 9464	0.34	191 192	Closed Closed	Closed	Open Open	Open Open Open	-7.6	-8.4 -8.2	9.3
08:12:18 08:12:19 08:12:20	-3	42	-84	9419 9394 9371	0.34 0.34 0.34	190	Closed	Closed Closed Closed	l Open	Open Open Open	-7.6 -7.6	.8.2	.9.1 .9.1
08:12:21 08:12:22	-3	40	"	9349 9297	0.34 0.34	190 191	Closed Closed	Closed Closed	Open Open	Open Open	-7.6 -7.6	·8.2	.9.1
08:12:23 08:12:24 08:12:25	-3	42	-84	9274 9252 9229	0.34 0.34 0.34	191	. Closed	Closed	i Open	Open Open Open	-7.7	-8.2 -8.3 -8.3	.9.2 .9.2 .9.2
08:12:25 08:12:26 08:12:27	-3 -3	42	-84	9183 9160 9140	0.34 0.34 0.34	1 193	Closed	Closed Closed	Open Open	Open Open	-7.5	-8.2 -8.1 -8.1	-9.1 -9.0
08:12:28 08:12:29 08:12:30 08:12:31	-3			9119 9080	0.34	1 192	Closed Closed	Closed	Open Open	Open Open Open	-7.5	-8.1 -8.1	1 .9 1
08:12:31 08:12:32 08:12:33 08:12:34	-2	42	-84	9059 9041 9020	0.34	193 191 191	Closed Closed	Closed	Open Open	Open Open Open	·7.4 ·7.3 ·7.1	-8.1 -7.9 -7.7	·8.9 ·8.8
08:12:351	.2	42		8977 8955	0.34 0.34	190 190	Closed Closed	Closed Closed	Open Open	Open Open	-7.1 -7.0	:/:/	8.
08:12:36 08:12:37 08:12:38	·2 ·2		-84	8910 8866	0.34	191 192	Closed Closed	Closed Closed	l Open Open	Open Open Open	-7.1 -7.2	-7.6 -7.7 -7.7	8.6 8.6
08:12:39 08:12:40 08:12:41 08:12:42	-2	42	-84	8842	0.34	193 192	Closed Closed	Closed	l Open Open	Open Open Open	-7.0	-7.8	-6.7
00:12:43	-2	42		8764 8744	0.34	191 191	Closed Closed	Closed Closed	l Open Open	Open Open	-6.9 -6.8	JI -7.5	l -8.3
08:12:44 08:12:45 08:12:46	-2 -2		-84	8724 8704 8667	0.34 0.34 0.34	189 190 190	) Closed	Closed	l Open Open	Open	I -6.8	-7.4 -7.4 -7.5	-8. -8.
08:12:46 08:12:47 08:12:48 08:12:49	-2	! 42	- 84	8650 8631	0.34	190 191	Closed Closed	Closed	l Open Open	Open Open	-7.0	-7.6	-8.5
08:12:50 08:12:51	-2	42		8613 8583 8569	0.33	189 188	Closed Closed	Closed Closed	i Open	Open	-7.0 -7.0	·7.6	-8.4
08:12:52 08:12:53	-2 -3		-84	8558 8546 8526	0.33	188 187	Closed Closed	Closed	Open Open	Open Open	-6.9	7.5 -7.5	-8. -8.3
08:12:54 08:12:55 08:12:56	-3	42	-84	8516 8507	0.33 0.33	186 186	Closed Closed	Closed	l Open Open	Open Open	-7.1 -7.0	7.7	'l -8.
08:12:57 08:12:58 08:12:59	-3	42		8498 8482 8474	0.33	186 185 184	Closed	Closed	l Open I Open	Open Open	·  -7.0	)  -7.6	i  8.4

FDR	TAT	Latitude:	Long I tude :	Pressure	Mach	Airspeed:	Wing	Wing	Eng 1:	Eng 2:	SAT_K.75	SAT_K.85	SAT_K1.0
Elapse Time		Coarse (deg)	Coarse (deg)	Altitude (feet)	Number (number)	(knots)	Anti-Ice LH Closed (0-closed)	Anti-Ice RH Closed (0-closed)	Inlet Anti-Ice (1-open)	Inlet	(deg C)	(deg C)	(deg C)
08:13:00	-3	(ueg)	-84	8464	0.32	184	Closed	Closed	Open	Open	-7.0	·7.6	
08:13:01 08:13:02 08:13:03	-3	42		8455 8437 8429	0.32 0.32 0.32	184 183 182	Closed Closed Closed	Closed Closed Closed	Open Open Open	Open Open Open	-6.9 -6.9 -6.9	7.5 -7.5 -7.5	8.3 8.2
08:13:03 08:13:04 08:13:05	-3	,_	-84	8422 8417	0.32 0.32	181 180	Closed Closed	Closed Closed	Open Open	Open Open	-6.9 -6.8	7.4	8.3 8.2 8.2 8.1 8.1
08:13:06 08:13:07 08:13:08	-3	42	-84	8411 8411 8416	0.32 0.32 0.31	179 178 176	Closed Closed Closed	Closed Closed Closed	Open Open Open	Open Open Open	-6.8 -6.8	·7.3 -7.3	8.1
08:13:09 08:13:10	-3			8421 8436	0.31	174 172	Open Open	Open Open	Open Open	Open Open	-6.8 -6.7	.7.4 .7.4 .7.3	-8.0 -7.9
08:13:11 08:13:12 08:13:13	-3	42	-84	8441 8446 8447	0.30 0.30 0.30	171 169 168	Open Open Open	Open Open Open		Open Open Open	·6.6 ·6.7 ·6.8	·7.2 7.2 ·7.3 ·7.3 -7.2	-7.8 -7.9 -7.9 -7.9
08:13:14 08:13:15	-3	42		8438 8428	0.30 0.30	167 167	Open Open	Open Open	Open Open	Open Open	-6.7 -6.7	-7.3 -7.2	-7.9 -7.9
08:13:16 08:13:17	-3 -3		-84	8417 8402 8370	0.29 0.29 0.29 0.29	167 167 167	Open Open Open	Open Open Open	Open Open Open	Open Open Open	-6.7 -6.7	-7.2 -7.2 -7.2	-7.9 -7.9
08:13:18 08:13:19 08:13:20	.3	42	-84	8354 8337	0.29 0.29 0.29	167 168	Open Open	Open Open	Open Open	Open Open	-6.7 -6.7 -6.7	-7.2 -7.2	7.9
08:13:20 08:13:21 08:13:22 08:13:23	.3	42		8321 8290 8274	0.29 0.30 0.30	168 168 169	Open Open Open	Open Open Open		Open Open Open	-6.7 -6.7 -6.8	.7.2 -7.2 -7.2 -7.2	-7.9 -7.9 -7.9 -7.9 -7.9 -7.9
08:13:24	-3	42	-84	8260 8244	0.30 0.30		Open	Open Open	Open Open	Open Open	-6.8	.7.2	1 7.9
08:13:25 08:13:26 08:13:27	-3	42	-84	8216 8202 8188	0.30 0.30 0.30	170 170	Open Open	Open Open	Open Open	Open Open	-6.8 -6.8 -6.8	1 •7.3	1 -8.0
08:13:28 08:13:29 08:13:30	-3 -3		-84	8173 8140	0.30	170 170 171	] Open	Open	) Open	Open Open Open	-6.8 -6.8	I ⋅7.3	-8.0 -8.0
08:13:30 08:13:31 08:13:32	-3	42	-84	8123 8106	0.30	170	Open Open	Open Open	Open	Open Open	6.8	l /.s	-8.0
08:13:33 08:13:34 08:13:35	-3	42		8089 8056 8037	0.30 0.30 0.30	171 171 172	Open Open Open	Open	Q pen	Open Open Open	-6.8 -6.7 -6.6	-7.3 -7.3 -7.2 -7.1	1 -7 R
08:13:35 08:13:36 08:13:37	-3		-84	8022 8008	0.30	172 171	Open Open	Open Open	Open Open	Open Open	·6.6	7:1	7.8
08:13:38 08:13:39 08:13:40	-3	42	-84	7979 7966 7953	0.30 0.30 0.30	171 170 171			Open	Open Open Open	-6.6 -6.6	-7.1	7.8
08:13:41 08:13:42	.3			7940 7916	0.30	拐	Open Open	Open Open	Open Open	Open Open	-6.5 -6.5	7.0	:7.7
08:13:43 08:13:44 08:13:45	-3	42	-84	7904 7893 7883	0.30	170	0pen	) Open	Open	Open Open Open	-6.5 -6.5	1 -7.0	·7.7
08:13:46 08:13:47	-3	42		7859 7848	1 0.30	171 170	Open Open			Open Open	-6.5 -6.5 -6.5	·7.0	7.7
08:13:48 08:13:49	-3		-84	7836 7823 7799	1 0.30	1 170	0pen			Open Open Open	-6.5 -6.5 -6.5	-7.0 -7.0 -7.0	ıI -76
08:13:50 08:13:51 08:13:52	-3	42	-84	7788 7776	0.29	169 169 169	Open Open	Open Open	Open Open	Open Open	-6.4	-6.9	7.6 7.6
08:13:53 08:13:54 08:13:55	-3	42		7763 7738 7726	0.29	169 169 168	Open Open	( Open	. Open	Open Open Open	-6.4 -6.4 -6.4	1 - 6.9	II .7 K
08:13:56 08:13:57	-3		-84	7711 7697	0.29	169	Open	Open	Open	Open Open	-6.4 -6.4	6.9	·7.6
08:13:58 08:13:59	-3	42		7669 7652	0.29	168 169	Open Open	Open Open	Open Open	Open Open	6.4	6.9	-7.6
08:14:00 08:14:01 08:14:02	-3 -3		-84	7639 7622 7594	0.29	169 169 168	l 0pen	Open	Open	Open Open Open	6.3 -6.2 -6.2	-6.6	-/.3
08:14:03 08:14:04	-3	42	-84	7577 7560	0.29	169	Open Open	Open Open	Open Open	Open Open	-6.2 -6.2	-6.6 -6.6	
08:14:05 08:14:06 08:14:07		42		7545 7515 7498	0.29	169	0 pen	Open	Open	Open Open Open	-6.2	-6.6 -6.6	.7.3 7.3
08:14:08 08:14:09	1	"-	-84	7484 7468	0.29 0.29	169 169	Open Open	Open Open	Open Open	Open Open	.6.2	-6.6	.7.3 -7.3
08:14:10 08:14:11 08:14:12	1	42	-84	7437 7422 7407	0.29 0.29	170 170 170	i Open	) Open	Open	Open Open Open	-5.9	-6.5 -6.4	7.2
08:14:13 08:14:14	-2			7393 7363	0.29	169 169	Open Open	Open Open	Open Open	Open Open	-6.0	∙6.4	7:1
08:14:15 08:14:16 08:14:17	-2	42	-84	7348 7333 7319	0.29	170	Open	i Open	i Open	Open Open Open	1 -5.9	-6.4 -6.4	7.1
08:14:17 08:14:18 08:14:19		42		7289 7276	0.29 0.29	170 170	Open Open	Open Open	Open Open	Open Open	-5.9 -5.9	6.4	-7.1
08:14:20 08:14:21 08:14:22			-84	7246	0.29	l 170	Open Open	ı∣ 0pen	ı  Open	Open	-5.9	-6.4	7:1
08:14:23 08:14:24	.2	42	-84		1 0 20	1 170	) Open	ı  Open	ı  Open	Open Open	-5.9	1 -6.4	7.1
08:14:25 08:14:26 08:14:27	<u>)</u> -2	42		7172 7143 7129	0.29 0.29 0.29	169 170 169	) Open	ı  Open	ı  Open	Open	-5.9	· 6.4	
08:14:28 08:14:29	-2		-84		0.29	170 170	Open	Closed	Open	0pen	-5.9 -5.9	-6.4 -6.4	7.0
08:14:30 08:14:31	-2	42		7070 7057	0.29 0.29	170 170	Closed	ll Closed	l Open Open	Open Open	-5.9 -5.9	6.4	7.1
08:14:32 08:14:33 08:14:34 08:14:35	.2		-84	7028 6999	0.29	170 170 170	Closed Closed	i Closed	i] Open	Open	ıl -5.9	1 6.4	-7.0 -7.0
08:14:35 08:14:36	-2	42	-84	6985	0.29	170	Closed Closed	Closed Closed	l Open Open	Open Open		-6. -6.	7.0
08:14:36 08:14:37 08:14:38 08:14:39	-2	42		6955 6923 6908	0.29	11 160	Closed	Closed	il Open	i Open	.[ -5.9	-6.3 -6.3	ti -7 B
08:14:40			-84	6894 6881	0.29	168 169	Closed	Closed Closed	i Open i Open	Open Open	-5.9 -5.8	·6.3	·7.0
08:14:42 08:14:43 08:14:44		42	-84	6856 6845 6834	0.29 0.29 0.29	166 167	Closed	t Closed	t Open	) Open	II *3.6	11 · D. 3	-6.9 -6.9
08:14:45 08:14:46	-2			6824 6804	0.28 0.28	166 165	Closed Closed	Closed Closed	i Open I Open	Open Open	-5.8	-6.2 -6.2	6.9 6.8 6.8 6.8 6.7 6.7 6.7
08:14:47 08:14:48 08:14:49	-2	42	-84	6794 6783 6771	0.28 0.28	165 165	Closed	i Closed	i  Open	Open	-5.7 -5.7	-6.2 -6.1	6.8
08:14:50 08:14:51	1 -2	42	:	6742 6728	! 0.2E	164 164 163	Closed Closed	i Closed	i∮ 0ʻpen	ı∣ 0pen	ı  -5.7	6.1	6.7

DR lapse	TAT	Latitude: Coarse	Longitude: Coarse	Pressure Altitude		Airspeed: Computed	Wing Anti-Ice	Wing Anti-Ice	Eng 1: Inlet	Eng 2: Inlet	SAT_K.75	SAT_K.85	SAT_K1.
ime		(deg)	(deg)	(feet)	(number)	(knots)	LH Closed (0-closed)	RH Closed (0-closed)	Anti-Ice (1-open)	Anti-Ice (1-open)	(deg C)	(deg C)	(deg C)
:14:52 :14:53	-2		-84	6714 6701	0.28 0.28 0.28	163 163 162	Closed Closed	Closed Closed	Open Open	Open Open	-5.6 -5.6	-6.0 -6.0	-6 -6
:14:54 :14:55 :14:56	-2 -2	42	-84	6671 6656 6639	0.28 0.28 0.28	162 162 162	Closed Closed Closed	Closed Closed Closed	Open Open Open	Open Open Open	·5.6 ·5.6 ·5.6	-6.0 -6.0 -6.0	-6
:14:57 :14:58	-2		"	6624 6592	0.28 0.27 0.27	161 161	Closed Closed	Closed Closed	Open Open	Open Open	-5.5 -5.5 -5.5	I ∙6.0	۱ -6.
:14:59	-2	42	-84	6575 6559	0.27	161 161	Closed	Closed	Open Open	Open Open	·5.5	-5.9 -5.9 -5.9	6
:15:01 :15:02	-2	42		6543 6510 6493	0.27 0.27 0.27	161 161 160	Closed Closed Closed	Closed Closed Closed	Open Open Open	Open Open Open	-5.5 -5.5 -5.5	-5.9	6
:15:03 :15:04 :15:05	-2		-84	6478 6462	0.27	160 160	Closed Closed	Closed Closed	Open Open	Open Open	-5.5 -5.5	-5.9 -5.9 -5.9	.6 .6
:15:06 :15:07	-2	42		6429 6412	0.27 0.27	160 160	Closed Closed	Closed	Open Open	Open Open	·5.5	5.9	-6
:15:08 :15:09 :15:10	-2 -2		-84	6395 6378 6344	0.27	160 160 160	Closed Closed Closed		Open Open Open	Open Open Open		∙5.8	.6
: 15:11 : 15:12	-2	42	-84	6327 6309	0.27	160 160	Closed Closed	Closed Closed	Open Open	Open Open	-5.5 -5.5	1 -5.8	6
: 15:13 : 15:14 : 15:15	-2	42		6291 6258 6241	0.27 0.27 0.27	160 160 160	Closed Closed Closed	Closed	Open Open Open	Open Open Open	-5.5	-5.8 -5.8 -5.8	.6
15 16 15 17	-2	7	-84	6225 6208	0.27	161 161	Closed Closed	Closed	Open Open	Open Open	5.5	-5.9	
3:15:18 3:15:19 3:15:20	-2	42		6176 6162	0.27	161 161	Closed Closed	Closed Closed	Open Open	Open Open	·5.5   ·5.5	I -5.9	
: 15:20 : 15:21 : 15:22	-2 -2	1	-84	6147 6132 6103	0.27	162 162 162	Closed Closed Closed	Closed		Open Open Open	<b>∙</b> 5.5	5.9 5.9 5.7	:
:15:23 :15:24	-2	42	-84	6089	0.27	162	Closed	Closed	Open Open	Open Open	5.2	-5.6	- 1
3:15:25 3:15:26	-2			6062 6035	0.27	161 161	Closed Closed	Closed Closed	Open Open	Open Open	-5.2	-5.6 -5.6	
:15:27 :15:28 :15:29	-2	42	-84	6022 6008 5995	0.27	161 161 161	Closed Closed Closed	Closed	Open	Open Open Open	5.2	-5.6 -5.6	1 -(
15:30 15:31	-2	42		5967 5953	0.27	161 161	Closed		Open Open	Open Open	5.4	5.7	1 -
:15:32 :15:33	-2		-84	5940 5926	0.27 0.27	161 160	Closed Closed	Closed Closed		Open Open	-5.4	5.8	- 1
3:15:34 3:15:35	2	42	-84	5898 5883 5868	0.27 0.27 0.27	161 160 160	Closed	Closed	Open		-5.4	-5.8 -5.8 -5.8	-(
: 15:36 : 15:37 : 15:38	-2			5849 5817	0.27	160 160	Closed Closed Closed	Closed	Open	Open Open Open	-5.4	-5.8	
:15:39 :15:40	-2	42	-84	5800 5784	0.27	160 159 159	Closed	Closed Closed	Open Open	Open Open	-5.4 -5.4	-5.8	-
:15:41 :15:42	-2			5766 5732 5715	1 0.27	159 159 159	Closed	Closed	Open	Open Open Open	5.4	-5.8	-1
:15:43 :15:44 :15:45	-2	42	-84	5697 5680	0.27	159 159	Closed	C1osed	Open	Open Open	-5.4	5.7	
15:46 1:15:47	-2	42		5643 5624	0.27 0.27	159 159	Closed Closed	Closed Closed	Open Open	Open Open	-5.4 -5.3	5.7 5.7	
:15:48 :15:49	-2 -2		-84	5607 5590 5556	0.27 0.26 0.26	159 159	Closed	Closed	] Open	Open Open	-5.3	-5.7	-
:15:50 :15:51 :15:52 :15:53	-2	42	-84	5538 5521	0.26	158 158 158	Closed Closed Closed	Closed		Open Open Open	-5.3	-5.7	
3:15:53 3:15:54 3:15:55	-3	İ		5503 5466	0.26 0.26	158 158	Closed Closed	Closed Closed	Open Open	Open Open	5.5	-5.9 -5.9	
15:55 15:56 15:57	-3	42	-84	5445 5426 5405	0.26	156	Closed Closed Closed	Closed	Open	Open	-5.5	5.9	-
15:58 3:15:59	-3	42		5364 5342	0.26	156	Closed	Closed	Open	Open	5.6	. 1 .6.0	- :
3:16:00 3:16:01	-3		-84	5320 5297	0.26	157	Closed	Closed Closed	Open Open	Open Open	-5.7 -5.7	·6.1	1 :
: 16:02 : 16:03 : 16:04	-3	42	-84	5252 5229 5204	0.26 0.26	157 157	Closed Closed Closed	ll Closed	l Open		l ∙5.7	-6.0 -6.1	
:16:05 :16:06	-3			5182 5136	1 0.26	158 157 158	Closed	Closed	l Open	Open	-5.7	6.1	:
16:05 16:06 16:07 16:08	-3	42	-84	5112 5089	0.26	158 159 160	Closed	Closed Closed	l Open Open	Open Open	-5.8 -5.7	-6.1 -6.0	:
3:16:09 3:16:10 3:16:11	-3	42		5067 5025 5005	0.25 0.27 0.27	160 161 161	Closed	Closed	l  Open	Open	1 -5.6	·5.9 ·5.9 ·6.0	
:16:12 :16:13	-3		-84	4986 4968	0.27 0.27	162 161	Closed	Closed Closed	Open Open	Open	-5.6 -5.6	-6.0 -6.0	[
1:10:14	-2	42		4932 4915	0.27	163	Closed	Closed	Open Open	Open Open	5.4	-5.8 -5.7	:
:16:16 :16:17 :16:18	-2 -2		-84	4898 4882 4849	! 0.27	161 162 162	Closed	Closed	l  Open	Open	5.4	-5.7 -5.8 -5.8	
5: Ib: IVI	.2	42	-84	4833 4817	0.27	162	Closed	Closed	0pen	) Open	·5.4	-5.8	-
:16:20 :16:21 :16:22	- 2	:		4801 4772	0.27	162 162	Closed	il Closed	i Open Open	Open Open	5.3 5.3	-5.7 -5.7 -5.7	:
8:16:24 8:16:25	-2		-84	4756 4741 4727	. 0.27	163 162 162	l Closed	l  Closed	l  Open	∣ 0jpen	-5.3 -5.2	-5.6 -5.6	
8:16:23 8:16:24 8:16:25 8:16:26 8:16:27	-2	42		4698 4684	0.27	162	Closed Closed	Closed Closed	l Open Open	Open Open	5.1	5.5	
16:28 16:29 16:30 16:31	-2		-84	4670 4657	'l 0.27	162 161 162	Closed	i  Closed	l  Open	∣ 0pen	ı  ⋅5.1	5.5 -5.5	-
3:16:30 3:16:31 3:16:32	-2 -2	[ 42	-84	4629 4616 4602	0.27 0.27 0.26	162 161 161	. Closed	il Closed	l  Open	Open	5.1	1 .5 5	
3:16:32 3:16:33 3:16:34 3:16:35	-2			4588 4559	0.26 0.26	161 161	. Closed	Closed	l Open Open	Open Open	·5.1   ·5.1	-5.4 -5.4	
8:16:35 8:16:36 8:16:37	-2	42	-84	4544 4533	0.26	161	Closed	Closed	l Open Open	Open Open	5.1 5.1	5.4 -5.4	
8:16:37 8:16:38 8:16:39	-2	42	,	4515 4485 4469	i 0.26	161 161 163	Closed	l Closed	ll Open	) Open	.5.1	-5.4 -5.4	-
8:16:40 8:16:41 8:16:42	-2		-84	4455 4440	0.26	161 161	Closed	Closed	l  Oper	ı  Open	1 4.9	-5.4 -5.2 -5.2	-
8:16:42 8:16:43	- 2	42	,	4411 4397	. 0.26	161 161	Closed	i Closed	i Open	ı  Open	-4.6 -4.6	-5.2	:

FDR	TAT	Latitude:	Longitude:	Pressure	Mach Number	Airspeed:	Wing Anti-Ice	Wing Anti-Ice	Eng 1: Inlet	Eng 2: Inlet	SAT_K.75	SAT_K.85	SAT_K1.0
Elapse Time		Coarse (deg)	Coarse (deg)	Altitude (feet)	(number)	(knots)	LH Closed (0-closed)	RH Closed (0-closed)	Anti-Ice (1-open)	Anti-Ice	(deg C)	(deg C)	(deg C)
08:16:44 08:16:45	- 2		-84	4382 4368	0.26 0.26 0.26	161 160	Closed Closed	Closed Closed	Open Open	Open Open	-4.8 -4.8	-5.2 -5.1 -5.1	-5.7 -5.7
08:16:46 08:16:47 08:16:48	·2 ·2	42	-84	4340 4325 4310	0.26 0.26 0.26	160 160 160	Clased Clased Clased	Closed Closed Closed	Open Open Open	Open Open Open	-4.8 -4.8	-5.1 -5.1 -5.1	-5.7 -5.7 -5.7 -5.7 -5.7
08:16:49 08:16:50 08:16:51	-2	42		4295 4264 4248	0.26 0.26	160 160	Closed Closed Closed	Closed Closed Closed	Open Open Open	Open Open Open	·4.8 ·4.8 -4.8	-5.1 -5.1	5.7
08:16:52 08:16:53 08:16:54	·2 -2		-84	4233 4218 4192	0.26 0.26 0.26	162 162 161	Closed Closed Closed	Closed Closed Closed	Open Open Open	Open Open Open	-4.8 -4.8 -4.8	-5.1 -5.1 -5.2	-5.7 -5.7 -5.7
08:16:55 08:16:56 08:16:57	-2	42	-84	4180 4170 4161	0.26 0.26 0.26	161 160 159	Closed Closed Closed	Closed Closed Closed	Open Open Open	Open Open Open	-4.7 -4.6 -4.5	-5.1 -5.0 -4.9	-5.7 -5.5 -5.4
08:16:58 08:16:59	-2	42		4142 4133	0.26 0.26	159 158	Closed Closed	Closed Closed	Open Open	Open Open	-4.5 -4.5	-4.8 -4.8	5.4
08:17:00 08:17:01 08:17:02	-2 -2		-84	4125 4119 4104	0.26 0.26 0.26	158 157 158	Closed Closed Closed	Closed Closed Closed		Open Open Open	-4.4 -4.4 -4.4	-4.8 -4.8	ຸ ກຸກຄຸນຄຸນຄຸນ ກຸກຄຸນຄຸນຄຸນຄຸນຄຸນຄຸນຄຸນຄຸນຄຸນຄຸນຄຸນຄຸນຄຸນຄ
08:17:03 08:17:04 08:17:05	-2	42	-84	4097 4091 4084	0.26 0.26 0.26	157 158 158	Closed Closed Closed	Closed Closed Closed	0pen	Open Open Open	-4.4 -4.4 -4.4	4.7	•5.3 •5.3 •5.3
08:17:06 08:17:07 08:17:08	-2 -2	42	-84	4069 4061 4053	0.26 0.26 0.26	158 159 159	Closed Closed Closed	Closed Closed Closed	Open	Open Open Open	-4.4 -4.4	-4.7 -4.8	5.3
08:17:09 08:17:10	-2	40		4046 4030 4022	0.26 0.26	159 159	Closed Closed Closed	Closed Closed	Open Open	Open Open Open	-4.4 -4.4 -4.5	-4.8 -4.8	-5.3 -5.3
08:17:11 08:17:12 08:17:13	-2	42	-84	4014 4006	0.26 0.26	159 159	Closed Closed	Closed Closed	Open Open	Open Open	-4.5 -4.5 -4.4	-4.8 -4.8	-5.3 -5.3
08:17:14 08:17:15 08:17:16	-2	42	-84	3990 3982 3974	0.26 0.26 0.26 0.26	159 159 160	Closed Closed Closed	Closed Closed	Open Open	Open Open Open	-4.4	-4.8 -4.8	-5.3 -5.3
08:17:17 08:17:18 08:17:19	-2	42		3966 3950 3942	0.26	160 160 160	Closed Closed Closed	Closed	Open	Open Open Open	-4.4 -4.4 -4.4	4.8	·5.3 ·5.3 ·5.3
08:17:20 08:17:21 08:17:22	-2 -2		-84	3934 3925 3908	0.26 0.26 0.26 0.26	160	j Closed	Closed Closed	Open Open	Open Open Open	-4.5 -4.5 -4.5	4.8	-5.3 -5.4
08:17:23 08:17:24	-2	42	-84	3901 3893 3884	0.26	1	Closed Closed	Closed Closed	Open Open	Open Open Open	-4.5 -4.5 -4.5	-4.8 -4.8	-5.4 -5.4
08:17:25 08:17:26 08:17:27	-2	42		3868 3860	0.26	161	Closed Closed	Closed Closed	Open Open	Open Open	-4.5	-4.9	-5.4
08:17:28 08:17:29 08:17:30	-2 -2		-84	3852 3844 3827	0.26	161 161	Closed Closed Closed	Closed Closed	Open Open	i Open	-4.4 -4.3 -4.3	-4.6 -4.6	-5.2 -5.2
08:17:31 08:17:32 08:17:33	-2	42	-84	3819 3811 3802	0.26 0.26	161 160		Closed Closed Closed	Open Open	Open Open Open	4.3	4.6	-5.2
08:17:34 08:17:35 08:17:36	-2 -2	42	-84	3786 3778 3772	1 0.26	160		Closed	Open	Open Open Open	-4.2	-4.6 -4.6	5.1
08:17:37 08:17:38 08:17:39	-2	42	-	3764 3750 3744	0.26 0.26	160 161 161	Closed Closed Closed	Closed	Open Open	Open Open Open	-4.2 -4.2 -4.2 -4.2	-4.6 -4.6 -4.6	-5.1 -5.1 -5.1
08:17:40 08:17:41 08:17:42	-2 -2	74	-84	3738 3732 3722	0.26 0.26	161 161	Closed Closed	Closed Closed	Open Open	Open Open	-4.2 -4.2 -4.2	-4.6 -4.6	-5.1 -5.1
08:17:43 08:17:44	-2	42	-84	3717 3713	0.26 0.26	162 161	Closed Closed	Closed Closed	Open Open	Open Open	-4.2	-4.6	5.1 -5.1
08:17:45 08:17:46 08:17:47	-2	42		3710 3703 3700	0.26 0.26	160 160	Closed Closed	Closed Closed	Open Open	Open Open	-4.2 -4.2 -4.2	4.6	5.1
08:17:48 08:17:49 08:17:50	-2 -2		84	3696 3694 3687	0.26	160 161	Closed	Closed	l Open	Open	-4.2 -4.2 -4.2	4.6	-5.1 -5.1
08:17:51 08:17:52 08:17:53	-2	42	-84	3686 3684 3682	0.26	159	Closed	Closed	l Open	) Open	-4.2 -4.2 -4.2	-4.5 -4.5 -4.5	-5.1
08:17:54 08:17:55 08:17:56	-2 -2	42	- 84	3680 3680 3680	0.26 0.26	160 160	Closed Closed	Closed Closed	l Open Open	Open Open	4.2	-4.5	-5.1 -5.1
08:17:57 08:17:58 08:17:59	-2		ļ	3681 3682 3683	0.26 0.26	159 159	Closed Closed	Closed	Open Open	Open Open	-4.2	-4.5 -4.5	-5.0
08:18:00 08:18:01 08:18:02	-2 -2		-84	3683 3685 3686	0.26 0.25	159 159 158	l Closed	Closed	Open Open	Open Open	-4.1 -4.1	-4.5 -4.5 -4.5	-5.0 -5.0 -5.0 -5.0
08:18:03 08:18:04 08:18:05		, 42	-84	3687 3687	0.26	159	Closed Closed	Closed Closed	Open Open	Open Open	-4.1	.  -4.5	-5.0
08:18:06 08:18:07	-2	1 42		3687 3689 3689	0.26	160 160	Closed Closed	Closed Closed	Open Open	Open Open	-4.2	-4.5 -4.5 -4.5	-5.0 -5.1 -5.1 -5.0 -5.0 -5.0
08:18:08 08:18:09 08:18:10			-84	3688 3687	0.26 0.26 0.26	160 159 158	Closed Closed	l  Closed	i  Open	i Open	-4.2 -4.1 -4.1	-4.5 -4.5 -4.5	-5.0 -5.0 -5.0
08:18:11 08:18:12 08:18:13	-2	42	-84	3689 3688 3688	0.26	159 160 161	Closed	Closed	0pen	Open			
08:18:14 08:18:15	-2	1 42		3688 3689	0.26	159	Closed	Closed Closed	l Open I Open	Open Open	-4.2 -4.2	-4.5 -4.5	5.0 5.1
08:18:16 08:18:17 08:18:18 08:18:19			-84	3688 3687	0.26	i  159	Closed	Closed Closed	i Open Open	Open Open	-4.2 -4.2	-4.5 -4.5 -4.5	il -5.0
08:18:20 08:18:21	·2	}	-84	3683	0.26 0.26	161 160	Closed Closed	Closed Closed	Open Open	Open Open	-4.1 -4.2	-4.5 -4.5 -4.5	-5.0
08:18:22 08:18:23 08:18:24	-2 -2	42	-84	3683 3682 3682	0.26 0.26 0.26	160 159 160	Closed Closed	Closed Closed	i Open i Open	) Open Open	-4.2 -4.2	-4.5 -4.5 -4.5	-5.0 -5.1 -5.1
08:18:25 08:18:26 08:18:27	-2	1		3682 3681 3682	0.26	161 161	Closed Closed	Closed Closed	i Open i Open	Open Open	-4.2 -4.2	-4.5 -4.6 -4.6	5.1
08:18:28 08:18:29 08:18:30			-84		0.26	150 158	Closed	Closed Closed	Oper Oper	Open Open	-4. -4.	-4.6 -4.6	-5.1 -5.1
08:18:31 08:18:32 08:18:33	.2	42	-84	3680	0.26	160	Closed Closed	Closed Closed	i Oper i Oper	Open Open	-4.2	-4.5 -4.5 -4.5 -4.5	-5.1 -5.1 -5.1 -5.1 -5.1 -5.1 -5.1
08:18:34 08:18:35	] -2	42		3682 3683	!  0.2€	160 161	)  Closed	1 Closed	1 Oper	ı Open	-4.2	4.	·5.1 ·5.1

DR Japse	TAT	Latitude: Coarse	Longitude: Coarse	Pressure Altitude	Mach Number	Airspeed: Computed	Anti-Ice	Wing Anti-Ice	Eng 1: Injet	Eng 2: Inlet	SAT_K.75	SAT_K.85	SAT_K1.
ime		(deg)	(deg)	(feet)	(number)	(knots)	(0-closed)	RH Closed (0-closed)	(1-open)	Anti-Ice (1-open)	(deg C)	(deg C)	(deg C)
:18:36 :18:37 :18:38	·2 -2		-84	3682 3682 3684	0.26 0.26 0.26 0.26	161 162 162	Closed Open Open	Closed Open Open	Open Open Open	Open Open Open	-4.2 -4.2 -4.2 -4.2 -4.2 -4.2 -4.2	-4.6 -4.6 -4.6	·5.
:18:39 :18:40	-2	42	-84	3684 3685	0.26 0.26	161 161	Open Open	Open Open	Open Open	Open Open	-4.2 -4.2	-4.6 -4.6	.5. -5. -5.
:18:41 :18:42 :18:43	-2	42		3687 3687 3686	0.26 0.26 0.26 0.26	160 162 162	Open Open Open	Open Open Open	Open Open Open	Open Open Open	-4.2 -4.2	-4.6 -4.6 -4.6	-5. -5. -5.
:18:44 :18:45	.2		-84	3686 3684	0.26 0.26	162 162	Open Open	Open Open	Open Open	Open Open	-42	·4.6 -4.6	·5.
:18:46 :18:47 :18:48	-2 -2	42	-84	3676 3671 3663	0.26 0.26 0.26	162 162 163	Open Open Open	Open Open Open	Open Open Open	Open Open Open	-4.3 -4.3 -4.3 -4.3 -4.3	-4.6 -4.6 -4.6	55555555
18:49 :18:50 :18:51	-2		-04	3655 3638	0.26	163 163	Open Open	Open Open	Open Open	Open Open	-4.3 -4.3 -4.3	-4.6 -4.6	·5.
:18:51 :18:52 :18:53	-2	42	-84	3627 3615 3607	0.26 0.26 0.26	163		Open Open Open		Open Open Open	-4.3 -4.3 -4.3	-4.6 -4.7 -4.6	5. 5. 5.
1:18:54 1:18:55	-1	42		3575 3559	0.26 0.27	164 164	Open Open	Open Open	Open Open	Open Open	-4.2 -4.1	-4.5 -4.4	· · · · · · · · · · · · · · · · · · ·
1:18:56 1:18:57 1:18:58	-1 -1		-84	3547 3536 3512	0.27 0.26 0.26	164	Open	Open Open Open	Open Open Open	Open Open Open	-4.1 -4.1 -4.1	-4.4 -4.5 -4.5	I -5.
:18:59	-1	42	-84	3500 3485	0.26	164 164	Open Open	Open Open	Open Open	Open Open	-4.1 -4.1	-4.4 -4.4	
: 19:01 : 19:02 : 19:03	-1	42		3473 3441 3425	0.26 0.26 0.26	165	Open	Open Open Open	Open (	Open Open Open	-4.1 -4.0 -4.0	-4.4 -4.4 -4.4	-5.
:19:04 :19:05	.1	72	-84	3412 3396	0.26 0.26	165 164	Open Open	Open Open	Open Open	Open Open	-4.0 -4.0	-4.4 -4.4	-5. -4.
:19:06 :19:07 :19:08	-1	42	-84	3364 3349	0.26	163	Open	Open Open Open	Open Open Open	Open Open Open	-4.0 -4.0 -4.1	.4,4	-4 -4
:19:09 :19:10	-1 -1		-04	3330 3309 3270	0.27	165 166	Open Open	Open Open	Open Open	Open Open	-4.1 -4.1	-4.4 -4.5	-5
3:19:11 3:19:12 3:19:13	-1	42	-84	3255 3236 3219	0.27 0.27 0.27	165 165 166	Open Open	Open Open Open	Open Open Open	Open Open Open	-4.1 -4.0 -3.8	-4.3	-4
3:19:14 3:19:15	-1	42		3187 3172	0.26	165 165	Open Open	Open Open	Open Open	Open Open	-3.8 -3.8	·4.2	-4
: 19:16 : 19:17 : 19:18	-1 -1		-84	3157 3142 3116	0.26 0.26	163 166 167	Open	Open Open Open	Qpen	Open Open Open	-3.8 -3.8 -3.8	-4.2	-4 -4
3:19:19 3:19:20	-1	42	-84	3107 3095	0.27 0.26	165 165	Open Open	Open Open	Open Open	Open Open	-3.8 -3.8	-4.2 -4.2	-4 -4
:19:21 :19:22 :19:23	-1	42		3082 3059 3046	0.26 0.26 0.26	163	Open Comment		Open	Open Open Open	-3.8 -3.8 -3.7	-4.2 -4.2 -4.1	-4 -4
19:24 :19:25	-1	42	-84	3038 3024	0.26	163 163	Open Open	0pen	Open Open	Open Open	-3.7 -3.7	-4:I -4:I	-4
:19:26 :19:27 :19:28	-1	42	-84	3004 2992	0.26 0.26	161 162 162	!  Open	0pen	Open	Open Open	-3.7	-4.0 -4.0	-4
:19:29 :19:30	·1 ·1		-04	2981 2973 2953	0.26	159	Open Open	Open Open Open	Open Open	Open Open Open	-3.7 -3.7 -3.6	-4.0	-4
3:19:31 3:19:32 3:19:33	-1	42	-84	2944 2937 2929	0.25 0.25 0.25 0.25	160 158 159	Closed	Open Closed	0pen	Open Open	-3.6 -3.6 -3.5	-4.0	-4
19:34 19:35	-1	42	1	2912 2901	0.25 0.25	158 158	Closed	Closed	l Open	Open Open Open	-3.5	-3.8	-4
3:19:36 3:19:37	.1		-84	2890 2877	0.25	153 153 154	ii Closed	Closed Closed	0pen Open	Open Open	-3.6	-3.9 -4.1	-4
1:19:38 1:19:39 1:19:40	-1 -1	42	-84	2853 2842 2830		152	?  Closed		l Open	Open Open Open	·3.7 ·3.7	-4.0	-4
3:19:41 3:19:42	-1	ļ <u>.</u>		2817 2793	0.24 0.24	151 149	Closed Closed	Closed	Open Open	Open Open	-3.6 -3.6 -3.5	-3.9 -3.8	-4 -4
:19:43 :19:44 :19:45	-1	42	-84	2778 2764 2747	0.23	144	Closed	Closed	l Open	Open Open Open	-3.4 -3.4	-3.7	-4
:19:46 :19:47	-1	42		2715 2699	Λ 23	144	Closed	Closed	l 0pen	Open	-3.4 -3.3	3.7	-4
:19:48 :19:49 :19:50	-1 -1		-84	2685 2665 2636	0.23	143 144 141	Closed	Closed	l∣ 0òpen	Open	-3.1 -3.1	-3.5 -3.4 -3.3	333
: 19:51 : 19:52 : 19:53 : 19:54	-1	42	-84	2619 2605	0.23 0.23	141 144	l) Closed	Closed	l Open Open	Open Open	-3.1	3.4	3
19:53 19:54 19:55	.1	42		2592 2565 2553	0.23 0.23	142 142	Closed Closed Closed	Çlosed	l Open	Open Open Open	-3.1 -3.1	·3.4 ·3.3 ·3.3	333
:19:56 :19:57	1		-84	2541 2529	0.22 0.22	141	Closed	Closed	Open Open	Open Open	-3.0 -3.0	·3.3	.3
:19:58 :19:59 :20:00	-1 -1	42	- 84	2509 2499 2490	0.22	139	Closed	Closed	l Open	Open	-3.0 -3.0	-3.3 -3.3 -3.2 -3.2 -3.2 -3.2	3000
:20:00 :20:01 :20:02 :20:03	-1			2482 2461	0.22	138	Closed	Closed Closed	Dpen Open	Open Open	-2.9	-3.2	
:20:03	-1	42	-84	2454 2444 2434	0.22	130	Closed	Closed	i Open	Open	-2.9	-3.2 -3.2 -3.1	-39
:20:06 :20:07	-1	42		2418 2409	0.22	13 13	Closed Closed	Closed Closed	i Open i Open	Open Open	2.9	-3.1 -3.1	
1:20:04 1:20:05 1:20:06 1:20:07 1:20:08 1:20:09	-1 -1		-84	2401 2393 2376	0.22	21 133	7 Closed	Closed	i Open	) Open	-2.9	-3.1 -3.1 -3.1 -3.1	
:50:12	1	42	-84	2364	0.22	13	7 Closed	Closed	i Open	Open Open	-2.9	3.1 -3.1	.  •3
20:13 :20:14 :20:15	-1	42		2343 2321 2310 2300	0.21 0.21 0.21	li 130	5 Closed	i  Closed	i Oper	ı Open	d -2.9	-3.1 -3.1 -3.1	
3:20:16 3:20:17	-1	.	-84	2290	11 0.21	li 130	7 Closed	Closed Closed	Dper Oper	i Open Open	2.5	-3.1 -3.1	
3:20:18 3:20:19	-1	42	-84	2272 2262	0.21 0.21 0.22	130 1 130 2 130	B Closed	Closed	l Oper	ı Open	-2.9	-3.1 -3.1	
8:20:20 8:20:21 8:20:22	-1			2248 2227	0.22	7 13 <b>9</b>	9 Closed	Closed Closed	1 Oper	i Open Open	3.1	3.4	.3
8:20:23  8-20-24	-1	42	-84	2216	0.22	133	B Closed	Closed Closed	1 Oper 1 Oper	Open Open			-3
8:20:25 8:20:26 8:20:27	٠1	42	.]	2192 2165 2155	0.22	13 13 13 13	Closed Closed Closed	i Closed	i Oper	) Open	-2.9	-3.1 -3.1 -3.2	-3

FOR Elapse	TAT	Latitude: Coarse	Longitude: Coarse	Pressure Altitude	Mach	Airspeed: Computed	Wing Anti-Ice	Wing Anti-Ice	Eng 1: Inlet	Eng 2: Inlet	SAT_K.75	SAT_K.85	SAT_K1.0
Time		(deg)	(deg)	(feet)	(number)	(knots)	LH Closed (0-closed)	RH Closed (0-closed)	Anti-Ice (1-open)	Anti-Ice (1-open)	(deg C)	(deg C)	(deg C)
08:20:28 08:20:29	-1		-84	2142 2130	0.22 0.22	138 139	Closed Closed	Closed Closed	Open Open	Open Open	-3.0 -3.1	-3.3 -3.4	-3.7 -3.8
08:20:30 08:20:31 08:20:32	-1 -1	42	-84	2106 2093 2083	0.22	137 137 136	Closed Closed Closed	Closed Closed Closed	Open Open	Open Open Open	-3.1 -3.1 -3.1	·3.4 ·3.4 ·3.4	3.7 3.7 3.7
08:20:33 08:20:34	-1		"	2073 2051	0.21	136 135	Closed Closed	Closed Closed	Open Open	Open Open	·3.1 2.9 ·2.8	-3.3	-3.7
08:20:35 08:20:36 08:20:37	-1	42	-84	2040 2030 2019	0.21	134	Closed Closed Closed	Closed Closed Closed		Open Open Open	-2.8	.3.1	-3.4 -3.5 -3.5
08:20:38 08:20:39	-1	42		2001 1993	0.22	137 139	Closed Closed	Closed Closed	Open Open	Open Open	·2.8 ·2.7 ·2.7	-3.0 -2.9 -2.9	-3.4 -3.3 -3.3
08:20:40 08:20:41	·1		-84	1984 1974 1950	0.22	136	Closed Closed Closed	Closed Closed Closed	Open	Open Open Open	-2.7 -2.6 -2.6	1 -2.9	3.3
08:20:42 08:20:43 08:20:44	-1	42	-84	1943 1934	0.21	137	Closed	Closed	0pen	Open Open	-2.6 -2.6 -2.6	2.9	-3.2
08:20:45 08:20:46 08:20:47	-1			1921 1897	0.21	135 138	Closed Closed	Closed	Open Open	Open Open	-2.6 -2.6 -2.6	2.8	3.
08:20:47 08:20:48 08:20:49	-1	42	-84	1891 1882 1869	0.21	134 136	Closed Closed Closed	Closed Closed Closed	Open	Open Open Open	2.6	2.8 -2.9 -2.9	3.2
08:20:50 08:20:51	0	42		1848 1842	0.21	137	Closed Closed	Closed Closed	0pen		·2.5	2.6	3.0
08:20:52 08:20:53 08:20:54	. 0		-84	1832 1819 1801	0.21 0.21	135 136	Closed Closed Closed	Closed Closed Closed	Open Open	Open Open Open	-2.3 -2.3 -2.3	-2.6 -2.6	2.0
08:20:55 08:20:56	0	42	-84	1795 1784	0.21	133	Closed Closed	Closed	Open	Open Open	2.3	2.5	2.0
08:20:57 08:20:58 08:20:59	0	42		1776 1760 1753	0.22	135 139 138	Closed Closed Closed	Closed	Open	Open Open Open	2.2	2.3	2.
08:21:00 08:21:01	0		-84	1744 1735	0.22 0.22	139 138	Closed Closed	Closed Closed	Open Open	Open Open	-2.3 -2.4 -2.5	·2.5	-2.
08:21:02 08:21:03 08:21:04	-1 -1	42	-84	1712 1703 1693	0.21 0.21 0.21	137 136 134	Closed Closed Closed	Closed	l  Open	Open Open Open	·2.5	2.8 2.8 2.8	1 -3.
08:21:05 08:21:06	-1			1686 1666	0.21	132	Closed Closed	Closed Closed	Open Open	Open Open	.2.6	-2.7 -2.8 -2.9	-3.
08:21:07 08:21:08 08:21:09	-1	42	-84	1656 1647 1637	0.21	133	Closed		0pen	Open Open Open		3.0	.3.
08:21:10 08:21:11	-1	42		1616 1608	0.21	138	Closed Closed	Closed	Open Open	Open Open	2.8	·3.0 ·3.1	3.
08:21:12 08:21:13 08:21:14	-1 -1		-84	1596 1586 1562	i 0.22	139 139 141	Closed	Closed	l  Open	Open	-2.7	·3.0 2.9 2.9	3.
08:21:15 08:21:16	-1	42	-84	1550 1539 1529	0.22	141	Closed	Closed	l Open	Open Open	2.7	'I .7 0	3.
08:21:17 08:21:18 08:21:19	0			1529 1506 1496	0.22	!  141	Closed	Closed	i  Open	l Open	1 .2.5	3.0 2.9 2.8 2.7 2.7 2.7	3.
08:21:20 08:21:21	0	<u>'</u>	-84	1483 1471	0.22	! 140	Closed	Closed Closed	Open   Open	Open Open	2.4	·2.7	·3.
08:21:22 08:21:23	0	42	-84	1448 1437 1425	' 0.21	.  138	Closed	Closed	l Open	Open Open	-2.4	1 .7.0	ı -J.
08:21:24 08:21:25 08:21:26	0		-84	1414	0.21	.1 137	Closed	Closed	i Open	Open Open	2.3	1 .26	.2
08:21:27 08:21:28	0	42	-84	1386 1376	0.21	136	Closed	Closed Closed	l Open I Open	Open Open	-2.3	-2.5	·2. ·2.
08:21:29 08:21:30 08:21:31	0	42		1365 1354 1328	0.21 0.21 0.21	.  135	i Closed	[ Closed	lj Open	∣ 0jpen	2.3	·2.6 -2.5 -2.5 -2.5 -2.5	-2. -2.
08:21:32 08:21:33	0		-84	1319 1310	0.21	135	Closed	Closed Closed	Open Open	Open Open	2.3	2.5	2.
08:21:34 08:21:35 08:21:36	0	42	-84	1301 1309 1314	0.20	130	Closed	Closed	i  Open	i Open	-2.2	-2.4 -2.4 -2.5 -2.5	-2. -2. -2.
08:21:37 08:21:38 08:21:39	C	,		1314 1315	0.20	) 128 ) 129	Closed	Closed	l Open Open	Open Open	1.8	·2.3 ·2.0 ·1.6	·2. ·2. ·2.
08:21:40 08:21:41	C	42	- 84	1308 1305 1305	0.19	113	Closed	Closed	i] Oper	0per	1.6	1.8	-2. -2.
	0	42	,	1307	7 0.18	111	Closed Closed	l Closed	i Oper i Oper	l Oper Oper	ıl -16	il -19	-2.
08:21:43 08:21:44 08:21:45 08:21:46 08:21:47	(		-84	1307 1302 1306	2 0.16	7 105 5 105 5 96	Closed	( Chosed	1l Oòer	i Oper	1.6	-1.9	-2. -1.
08:21:47 08:21:48		42	-84	1306	5 0.19 5 0.19	5 94 L 96	Closed	Closed Closed	1 Oper 1 Oper	Oper Oper	1 -1.3	-1.6	- <u>1.</u>
08:21:47 08:21:48 08:21:49 08:21:50 08:21:51 08:21:52 08:21:53 08:21:54	(	42	,	1311 1312 1315	יו חוכ	≀l Ω*	Closed	i) Closed	1 Oper	ı  Oper	ıl -1.3	II -1.4	ll ·1.
08:21:52 08:21:53	-1	·[	-84	1323 1326 1329	3 0.13 5 0.13	80 77 3	Closer	i Closed	d Oper d Oper	i Oper i Oper		U -1.5	1.1.
NG: 21:001	-1	1 42	-84	1329	0:1	i <i>'i</i>	Closed	i Closed	d Oper	i Oper	ıl -1.3	1.	1 -1:
08:21:56 08:21:57 08:21:58	-1			1333 1333	0.0	6	Closed	Closed Closed	d Oper d Oper	Oper Oper	1:1	)  -1.0	-0.
08:21:59 08:22:00	-1	42	-84	1333 1336	3 0.00 5 0.01	0 6 1 5	Closed Closed Closed	i Closed	d Oper d Oper	n Oper Oper	·0.	-0.9	-0.
08:22:02 08:22:03	-1	42		133 133 133	71 0.01	DI 5:	Si Closed	Closed Closed	d Oper d Oper	n Oper n Oper	1	·1.0	1
08:21:57 08:21:58 08:21:59 08:22:00 08:22:01 08:22:02 08:22:03 08:22:04 08:22:06 08:22:06 08:22:07 08:22:08 08:22:09 08:22:10	-1		-84	133 133	9 0.0	50	Close	Closed Closed	d Oper d Oper	n Oper n Oper	1	1.0	:1:
08:22:06 08:22:07 08:22:08	-1 -1	1 42	-84	1339 1339 1339	9 0.00 9 0.00	0 4	Closed Closed Closed	i Closed	d∣ 0per	ւ∖ Oper	1	1.0	3 -1:
08:22:09 08:22:10	-1	ı İ		1339 1340	9 0.0	0 3	31 Closed	Closed Closed	d Oper d Oper	n Oper n Oper		-1.0	3 :1:
08:22:11 08:22:12 08:22:13	-1	42	-84	1339 1340 1339	0.0	0]	Closed Closed Closed	d Close	d Oper	n Oper	1	·1.0	1:
08:22:14 08:22:15	-1	42	2	133 134 134 134	0.0	0   0	Close	d Closed	d Oper	n Oper n Oper	ן; ו	-1.0 -1.0	າໄ -1.
08:22:11 08:22:12 08:22:13 08:22:14 08:22:15 08:22:16 08:22:17 08:22:18 08:22:19	-:		-84	134 134 134	5  0.0	0	Close Close Close	d) Close	dì Oper	n Oper n Oper	חן ח	-1.0 -1.0 -1.0	)  -1.
08:22:19	٠.	4:	2	134	5 0.0	ŏ	Close	d Close	d Oper	1 Opei 1 Opei		1 1.0	

FDR Elapse	TAT	Latitude: Coarse	Longitude: Coarse	Pressure Altitude	Mach Number	Airspeed: Computed	Wing Anti-Ice	Wing Anti-Ice	Eng 1: Inlet	Eng 2: Inlet	SAT_K.75	SAT_K.85	SAT_K1.0
Time		(deg)	(deg)	(feet)	(number)	(knots)	LH Closed (0-closed)	RM Closed (0-closed)	Anti-Ice (1-open)	Anti-Ice	(deg C)	(deg C)	(deg C)
08:22:20 08:22:21	-1		-84	1345 1345	0.00 0.00 0.00		Closed Closed	Closed Closed	Open Open	Open Open		·1.0 ·1.0	-1.0 -1.0
08:22:22 08:22:23 08:22:24	-1	42		1344 1344	0.00		Closed Closed	Closed Closed	Open Open	Open Open		-1.0 -1.0	-1.0 -1.0
08:22:25	-1		-84	1344 1344	0.00		Closed Closed Closed	Closed Closed Closed	Open Open	Open Open Open		·1.0	-1.0 -1.0 -1.0
08:22:26 08:22:27 08:22:28	-1	42	-84	1343 1343 1343	0.00 0.00 0.00		Closed	Closed	Open Open Open	Open Open		·1.0 -1.0 ·1.0	
08:22:29 08:22:30	-1			1343 1343	0.00		Closed	Closed	Open Open	Open Open		1.0	1.0
08:22:31 08:22:32	-1	42	-84	1343 1343	0.00 0.00	]	Closed Closed	Closed Closed	Open Open	Open Open		-1.0 -1.0	-1.0 -1.0
08:22:33 08:22:34	-1			1343 1343	0.00 0.00		Closed Closed	Closed Closed	Open Open	Open Open		-1.0 -1.0	-1.0 -1.0
08:22:35 08:22:36	-1	42	-84	1342 1342	0.00		Closed Closed	Closed Closed	Open Open	Open Open		·1.0	-1.0
08:22:37 08:22:38 08:22:39	-1	42		1342 1343 1342	0.00 0.00 0.00		Closed Closed Closed	Closed Closed Closed	0pen	Open Open Open		-1.0 -1.0 -1.0	-1.0 -1.0 -1.0
08:22:40 08:22:41	-1		-84	1343 1342	0.00		Closed	Closed	0pen	Open Open		1.0	1.0
08:22:42 08:22:43	-1	42		1342 1342	0.00		Closed Closed	Closed Closed	Open Open	Open Open		-1.0 -1.0	·1.0 ·1.0
08:22:44 08:22:45	-1		-84	1342 1342	0.00 0.00		Closed Closed	Closed Closed	Open	Open Open		-1.0 -1.0	-1.0 -1.0
08:22:46 08:22:47	-1	42		1342 1342	0.00		Closed Closed	Closed Closed	Open Open	Open Open		-1.0 -1.0	-1.0 -1.0 -1.0
08:22:48 08:22:49 08:22:50	·1 ·1		.84	1341 1341 1342	0.00 0.00 0.00		Closed Closed Closed	Closed Closed Closed	Open	Open Open Open		-1.0 -1.0 -0.8	-1.0
08:22:51 08:22:52	-1	42	-84	1341	0.00		Closed	Closed	Open	Open Open		-0.7	-0.7 -0.7
08:22:53 08:22:54 08:22:55	0			1342 1342	0.00		Closed Closed	Closed Closed	Open Open	Open Open		·0.7	·0.7
08:22:56	0	42	-84	1342 1342	0.00		Closed Closed	Closed Closed	Open Open	Open Open		-0.5 -0.4	-0.5 -0.4
08:22:57 08:22:58	0	42		1342 1344 1343	0.00 0.00 0.00		Closed Closed Closed	Closed	Q Open	Open Open Open		-0.2 -0.1 0.0	-0.2 -0.1 0.0
08:22:59 08:23:00 08:23:01	0	42	-84	1343 1343 1343	0.00	<del> </del>	Closed	Closed Closed Closed	Open	Open Open		0.0	
08:23:02	0	42		1344 1343	0.00		Closed	Closed	Open	Open Open		0.0	0.0
08:23:03 08:23:04 08:23:05 08:23:06	0	, ·-	-84	1344 1343	0.00		Closed	Closed	Open Open	Open Open		0.0	0.0
08:23:07	0	42		1344 1343	0.00	I	Closed Closed	Closed Closed	Open Open	Open Open		0.0	0.0
08:23:08 08:23:09	0		-84	1343 1343	0.00	l	Closed	Closed	Open	Open Open		0.0	1 0.0
08:23:10 08:23:11 08:23:12	0	42	-84	1343 1343 1343	0.00 0.00 0.00		Closed Closed Closed		0pen	Open Open Open		-0.2 -0.3	-0.1 -0.2
08:23:13 08:23:14	0		107	1343 1343	0.00	Į.	Closed	Closed	l Open	Open Open		-0.3 -0.3 -0.4	-0.2 -0.3 -0.4
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America West Flight 50, COMAIR Fit 3272, Accident, DCA97MA017 Preliminary Data, Revised: March 06, 1997, Organization Name (see system.cfg file)

FDR	TAT	Latitude:	Long   tude :	Pressure	Mach	Airspeed:	Wing	Wing Anti-Ice	Eng 1: Inlet	Eng 2: Inlet	SAT_K.75	SAT_K.85	SAT_K1.0
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