DOCKET NO. **5A- 516**

EXHIBIT NO. **10A**

NATIONAL TRANSPORTATION SAFETY BOARD
WASHINGTON, D.C

FLIGHT DATA RECORDER (FDR)
GROUP CHARIMAN'S FACTUAL REPORT

Revision 1*(February 15, 2000)*

NATIONAL TRANSPORTATION SAFETY BOARD

Office of Research and Engineering
Washington, D.C. 20594

February 15, 2000

Flight Data Recorder - 10A

Group Chairman's Factual Report-Revision 1
by Dennis R. Grossi

A. ACCIDENT

Location:	East Moriches, N.Y.
Date:	July 17, 1996
Time:	2031 local standard time
Aircraft:	Trans World Airlines (TWA) Flt. 800, B-747-131, N93119
NTSB Number:	DCA96MA070

B. GROUP

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Member: Joseph Bracken
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C. SUMMARY

Revision Note: *The original Flight Recorder Factual Report stated power was interrupted as the first 2 bits of the 8-bit postamble were being written (to the tape). However, it has been determined that the entire postamble was present and that the last data recorded for Flight 800 was a partial data word, specifically word 4, bits 1-9. This is discussed in detail in Addendum 2 to the FDR Group Chairman's factual report and in Section E of this report.*

Also, the FDR recovery software used to produce the tabular listing in the original FDR Factual Report was designed to process a standard 64-word, 1 second data frame, not the 43-word, 0.67188-second data frame used by the TWA800 FDR system. Algorithms added to the software properly addressed the timing of the data frames but introduced timing offsets within each data frame ranging linearly from 0.005 seconds for the 1st word to 0.22 seconds for the 43rd word. The software was revised to correctly define the time of each parameter within each 0.67188-second data frame.

On July 17, 1996, about 2031 eastern daylight time, a Boeing 747-131, N93119, operated as Trans World Airlines Flight 800 (TWA800), crashed into the Atlantic Ocean, about 8 miles south of East Moriches, New York, after taking off from John F. Kennedy International Airport (JFK), Jamaica, New York. All 230 people aboard the airplane were killed. The airplane, which was operated under Title 14 Code of Federal Regulations (CFR) Part 121, was bound for Charles De Gaulle International Airport (CDG), Paris France. The flight data recorder (FDR) and cockpit voice recorder (CVR) ended simultaneously, about 13 minutes after takeoff.

The FDR, a Sundstrand Model UFDR (s/n 10291), was recovered from the Atlantic Ocean on July 24, 1996, and transported to the Safety Board's FDR Laboratory in the custody of the Federal Bureau of Investigation (FBI). The FDR arrived at the Safety Board's Laboratory at approximately 3:00 AM, on July 25, 1996. The damaged recorder was disassembled and the magnetic tape recording medium removed for playback. The initial readout of the recorded data was performed on July 25, 1996.

The following is a brief summary of the data recovered during the accident flight and the prior landing. All times will reference local time unless otherwise noted:

- The data recorded during the approach and landing at JFK prior to the accident flight are consistent with normal operation.

- The FDR operated continuously from the start of the takeoff roll until the recording stopped at 20:31:12, approximately 12 ½ minutes into the flight. The data recorded during this period were consistent with a normal departure and climb.

- The interruption in the recording at 20:31:12 was consistent with the loss of electrical power to the recorder.

- At the time the recording stopped, the data indicate a wings level climb, with the parameters of vertical and longitudinal acceleration indicating normal aircraft loads.

- A correlation of the timing for the last 7 Air Traffic Control (ATC) radio transmissions from flight 800, as recorded by Boston Air Route Traffic Control Center (ARTCC) and the FDR was established.

D. DETAILS OF INVESTIGATION

1. Description of Data

The accident airplane's FDR data were first processed by a Data Acquisition Unit (DAU) and Central Electronics Unit (CEU) before being sent to the FDR via ARINC 563 serial binary data stream. The ARINC 563 data protocol is unique to L1011 and B747 airplanes operated by TWA. The DAU function is to gather and convert analog flight data parameters to digital data for transmission to the CEU. The CEU is a general purpose digital computer with various airplane data functions, one of which is to provide a serial binary data stream to the FDR at a rate of 768 bits/sec.

The ARINC 563 serial binary data input to the FDR is time division multiplexed, with parameter identification established by means of word slot and bit position. The data stream is composed of "frames," which are groupings of 43 separate words with each word 12-bits in length. The first word in each frame is a 12-bit synchronization (sync) word. Because the CEU produces 768 bits per second (64 separate 12-bit words), the sync words appear in the data steam every 0.67188 seconds (43 divided by 64)[1]. The data stream is "in sync" when the sync words appear at the proper 43-word interval. If the data stream is interrupted or corrupted in some way, the sync word will not be found at the proper interval, and the time reference will be lost until the pattern can be re-established.

The data stream is passed from the CEU to the FDR, where it is held in one of two RAM[2] buffers until a full 768 bits have been stored. When the FDR's buffer is full, an 8-bit preamble and an 8-bit postamble are added to identify the beginning and the end of each data block. The data are then recorded onto ¼-inch magnetic tape within a crash-protected enclosure. While a completed data block is being transferred from one buffer to the tape, input data from the CEU are stored in the other buffer.

The FDR's 8 track tape moves at 5 inches per second (ips), and records on one track at a time. Data are written on the tape at the rate of 11.4 kilo bits per second; consequently, since the tape is moving at 5 ips, approximately 0.344[3] inches of tape are required to record a one second segment of data containing 784 bits. Each one second data segment is written in about .069 seconds.

This model FDR also uses a continuous Checkstroke™ data checking process where it writes 1 second of data to tape, rewinds the tape to the beginning of the 1 second data block it just wrote (reading the tape data while rewinding), compares the tape data to the buffer data, advances the tape slightly past the end of the block it just wrote[4], and then starts the Checkstroke™ process all over again for the next second of data. If the FDR finds

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[1] As a result of the .67 second interval between sync words, the per-second sample rate for each parameter is equal to the number of samples per frame divided by 0.67188. For example, vertical acceleration is sampled 3 times per frame, or 3/0.67188. = 4.47

[2] The Random Access Memory (RAM) consist of two static CMOS 256 x 4 chips.

[3] The number is a result of the calculation ((784bits/11400 bits per second)*5ips = .3438596). The Sundstrand Data Control manual reports this value as .36 inches.

[4] The "no data" area created by the slight tape advance at the end of each data block is referred to as the inter-record gap.

8 consecutive seconds of Checkstroke™ mis-compares, it will send an indication of an FDR fault to the flightcrew.

The oldest FDR data are erased before recording the newest FDR data. End-of-tape sensors at both ends of the tape provide the signal to reverse the drive motor direction and switch the record electronics to the next track. Recording time for one end-to-end pass on the tape track is 3.125 hours. There are 8 tracks, thus the recorder will continuously record and retain the last 25 hours of flight data.

2. Examination of Recorder

The FDR was extensively damaged by impact. However, the crash enclosure remained intact, and the tape recording medium displayed no evidence of mechanical damage or excessive wear. The unspooled portion of the tape showed some discoloration. The tape discoloration and staining was most evident on the portion of the tape that was in contact with the recording and playback heads. There was no evidence of fire damage.

3. Readout and Evaluation

a. Readout

The original magnetic tape recording medium was removed from the damaged FDR, cleaned, dried and mounted on an tape transport for playback. The data were transcribed to a disk file for further processing.

The transcription process utilized the Safety Board's Recovery Analysis and Presentation System (RAPS). RAPS processes the raw analog wave form signal from an original or copy tape. The unshaped Bi-Phase data output produced by the FDR is digitized and decoded into binary data. RAPS also removes the preamble and postamble from the data stream and performs sync detection. When sync is lost the digitized wave form for the problem data are stored for further analysis.

The data were reduced from the recorded decimal values (0 to 4095) to engineering units and discrete values (e.g., feet, degrees, knots, on, off, etc.) by conversion algorithms obtained from the operator. Attachment I contains a listing of all recorded parameters.

b. Evaluation

An examination of the recovered data indicated that the FDR operated normally. However, some parameters recorded anomalous or erratic values.

Two sync losses occurred during the flight. The first loss, which occurred at 20:25:21, was the result of a distortion in the recorded wave form. The second sync loss occurred at 20:26:20 and involved an invalid sync word. In both instances the wave form analysis feature of RAPS was used to recover all of the data from the problem areas.

The recovered data contained some random anomalous values for nearly every parameter. However, the following parameters contained frequent data anomalies during Flight 800 and prior flights:

Aileron Position - The recorded values were noisy and erratic.

Thrust Reverse Engine No. 3 - During the landing at JFK, the "Transit" indication was displayed during the period that the other 3 engines were indicating a "Deployed" condition. The thrust reverser on engine number 3 had been locked out during previous maintenance, and was being carried as a Minimum Equipment List (MEL) item.

Altitude Coarse - Indicated erroneous altitude values and was unusable.

Altitude Fine - Occasionally displayed noisy values.

Leading Edge Flap Left No. 3 Transit - With the flaps retracted, the "Transit" indication remained on. With the flaps in the extend position the "Transit" condition indicated "Extended". The maintenance log contains the following entry: "July 15th, 3L LE flap Amber Lt. Stays on with LE Flaps Up and Retracted electrically. FWD panel lights ops check O.K."

Indicated Airspeed - The recorded values were occasionally erratic.

Due to the absence of valid altitude-coarse data, the altitude time history was computed from the parameter altitude-fine. The parameter altitude-fine records values from 0 to 5,000 feet, cycling through zero at 5,000 foot increments. Normally the parameter altitude-coarse is referenced to determine pressure altitude values outside the 0 to 5,000 foot range. The absence of valid altitude coarse values will not affect the quality of the computed pressure altitude time history.

When TWA Flight 800 took the active runway prior to takeoff, the actual pressure altitude at the runway surface was negative 135 feet (12' *runway elevation* + (-147') *sea level pressure altitude*[5]). The pressure altitude values recorded while on the runway and shortly after liftoff were negative because the barometric pressure was higher than 29.92" Hg.

The altitude fine values ascended through the maximum value (5,000 feet) 3 times during the accident flight, with the first transition occurring shortly after takeoff. In order to derive the FDR pressure altitudes, the altitude fine values (4,895 feet) recorded while the airplane was on the runway and not moving, were converted by subtracting 5,000 feet. This produced a negative 105 feet FDR pressure altitude while on the runway. The FDR altitude-fine values following the first transition required no correction. The altitude-fine values recorded following the next two 5,000 foot transitions were incremented by 5,000 and 10,000 feet, respectively.

[5] The following barometric pressure observation were recorded at JFK (23:23z , 7/17, 30.07 inches of Hg.) (00:51z, 7/18, 30.08 inches of Hg.). A barometric pressure of 30.08 inches of Hg. = -147 feet at sea level.

All of the FDR-derived pressure altitude values were increased by 127 feet to obtain Mean Sea Level (MSL) altitude values. The altitude in feet MSL were computed as follows:

MSL Altitude (ft.) = FDR pressure altitude (ft.) + 127 ft.

Where; 127 feet = 12+10+105

-105 feet (pressure altitude recorded while on runway)
12 feet (runway elevation)
10 feet (approximate elevation of altitude sensor above runway)

E. Boston ARTCC, DFDR & CVR Time Correlation

The local time reference was established through the correlation of the last 7 VHF radio transmissions made by TWA 800 and recorded by the FDR, CVR and Boston ARTCC. The following table displays the correlation point and the corresponding transmission times:

CVR, FDR and Boston Center Time Correlation

CVR (Min:Sec.*)			Boston Center *			FDR Mic Keying (Actual)			FDR Mic Keying (Adjusted)**		
start	end	delta	start	end	delta	open	closed	delta	open	closed	delta
24:41.7	24:48.9	7.20	0024:41.8	0024:49.1	7.30	0024:41.48	0024:49.54	8.06	0024:41.80	0024:49.10	7.30
24:53.4	24:56.7	3.30	0024:53.5	0024:56.8	3.30	0024:52.90	0024:56.93	4.03	0024:53.50	0024:56.80	3.30
25:34.5	25:42.1	7.60	0025:34.6	0025:42.2	7.60	0025:33.88	0025:42.62	8.74	0025:34.60	0025:42.20	7.60
25:47.1	25:53.3	6.20	0025:47.2	0025:53.4	6.20	0025:46.65	0025:53.37	6.72	0025:47.20	0025:53.37	6.17
26:30.3	26:34.3	4.00	0026:30.3	0026:34.3	4.00	0026:29.65	0026:34.35	4.70	0026:30.30	0026:34.30	4.00
28:20.6	28:23.7	3.10	0028:20.8	0028:23.9	3.10	#	#	n/a	#0028:20.80	#0028:23.90	3.10
30:19.2	30:23.7	4.50	0030:19.4	0030:23.9	4.50	0030:18.76	0030:24.13	5.37	0030:19.40	0030:23.90	4.50

* TWA 800 transmissions recorded by Boston Center. Time in UTC (local time 2000 EDT)

** The duration of each ATC transmission made by TWA 800 and recorded by Boston Center was applied to determine the precise start and stop times displayed

This transmission was overlapped by a transmission to TWA's Flight Information Center from a second transmitter. Therefore, the start and termination of this transmission was established from the corresponding transmission recorded by the CVR and Boston Center. This FDR system groups all VHF transmissions into a single discrete parameter. Therefore, overlapping transmissions from any of the 3 VHF transmitters will be recorded by the FDR as a single transmission.

The correlation points all agreed to within a second. The FDR samples microphone keying for 1/768th of a second every 0.671875 seconds. Therefore, if the microphone is keyed just after the microphone discrete is interrogated it will not be recorded until 0.67 second have elapsed when the next sample is taken. If it is keyed for less than a 0.67 seconds it may not be recorded at all. The radio transmission referenced in the ARTCC and CVR transcript, were established by the CVR specialist manually recording the start and stop of each event.

The loss of power to the CVR and FDR are consistent. The CVR factual report places the end of the CVR recording at 20:31:12.5. The time of the last recorded FDR data value (word 4 bit 9 of the last subframe) is 20:31:11.96. The next bit begins the 8 bit postamble, which is recorded in its entirety. In this instance, the power was interrupted after

the 8-bit postamble was written but before the next preamble was started. Since the data record is written in about .069 seconds, there is 0.931 (1-0.069) seconds before the next preamble is written. Therefore, power loss to the FDR occurred sometime between 0 and 0.931 seconds after the final postamble, and the end of the FDR recording can be computed as follows:

20:31:11.96 *(time last FDR data word value recorded – word 4 bit 9)*
+(00:00:00.00 – 00:00:00.93) *(range of times between final postamble and next preamble)*

(20:31:11.96 – 20:31:12.89) ***(range of times during which power loss to FDR occurred)***

F. Data Printout

Attachment II contains a tabular printout of selected parameters from 20:18:40 to the end of the data recorded for Flight 800:

Local Time	MSL Altitude	IAS (Airspeed)
Roll Angle	Elevator Position Right	Magnetic Heading
Pitch Angle	Longitudinal Acceleration	Vertical Acceleration
EPR Engines (1-4)	Rudder Position (upper)	Angle of Attack
VHF (Microphone Keying)	Pitch Trim Stab Position	

A tabular printout of the remaining parameters recorded during the accident flight, and all parameters for an approximate 3 minute period covering the prior landing at JFK are in an Addendum to this report which is contained in the Public Docket under separate cover. The trailing edge flap parameters (lt. & rt. Inboard) and (lt. & rt. Outboard) have been combined as Inboard and Outboard in the tabular listings.

G. <u>Data Plots</u>

Attachment III contains the following 13 parameters plotted as a function of local time. The data are presented in 8 successive plots starting at 20:18:40 and continuing to the end of the data recorded for Flight 800:

MSL Altitude	VHF (Microphone Keying)	IAS (Airspeed)
Roll Angle	Elevator Position Right	Magnetic Heading
Pitch Angle	Longitudinal Acceleration	Vertical Acceleration
EPR Engines (1-4)	Rudder Position (upper)	Angle of Attack
Pitch Trim Stab Position		

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ATTACHMENT I

Parameter Listing

PARAMETER NAME	RESOLUTION	WORD LOCATION(S)
1. TIME	1/768 SEC.	1
2. PRESSURE ALTITUDE COURSE PRESSURE ALTITUDE FINE	135 FT. 5 FT.	16 17
3. AIRSPEED	.5 KNOT	38
4. VERTICAL ACCELERATION	0.009 "G"	11,29,42
5. LONGITUDINAL ACCELERATION	0.002 "G"	12,30,43
6. ANGLE OF ATTACK	0.15	15,33
7. MAGNETIC HEADING	0.356	18
8. PITCH ATTITUDE	0.356	19
9. ROLL ATTITUDE	0.356	20
10. PITCH TRIM (STAB)	0.045	27
11. AILERON POSITION RT. INBD.	.02	28
12. ELEVATOR POSITION LT. ELEVATOR POSITION RT.	.0549	21,22
13. RUDDER POSITION UPPER. RUDDER POSITION LOWER.	.09	13,31 14,32
14. FLAP POSITION RT. INBOARD FLAP POSITION LT. INBOARD FLAP POSITION LT. OUTBOARD FLAP POSITION RT. OUTBOARD	*	23 24 25 26
15. LEADING EDGE LT. SET 1 LEADING EDGE LT. SET 2 LEADING EDGE LT. SET 3 LEADING EDGE LT. SET 4 LEADING EDGE RT. SET 1 LEADING EDGE RT. SET 2 LEADING EDGE RT. SET 3 LEADING EDGE RT. SET 4	*Discrete Values* EXT = Extend TRANS = Transit RETRCT = Retract	39 (bits 10-11) 39 (bits 7 - 9) 39 (bits 5 - 6) 39 (bits 2 - 3) 40 (bits 10-11) 40 (bits 7 - 9) 40 (bits 5 - 6) 40 (bits 2 - 3)
16. EPR ENGINE NO. 1 EPR ENGINE NO. 2 EPR ENGINE NO. 3 EPR ENGINE NO. 4	.001	34 35 36 37
17. THRUST REVERSER ENG 1 THRUST REVERSER ENG 2 THRUST REVERSER ENG 3 THRUST REVERSER ENG 4	*Discrete Values* TRANS = Transit STOW = Stow DEP = Deploy	41 (bits 6 & 11) 41 (bits 5 & 10) 41 (bits 3 & 9) 41 (bits 2 & 7)
18. VHF 1,2&3 Microphone Keying	*Discrete Values* KEY = Keyed OFF = Not Keyed	39 (bit 1)

** Non linear parameter defined with two unique equations.*

ATTACHMENT II

Tabular Data

TWA Flt. 800

B747-131, Takeoff to End of Data
Tabular Data No. 1, Revised December 22, 1999

National Transportation Safety Board

Local Time (ref. CVR)	MSL Alt. (FEET)	IAS (KNOTS)	Pitch Angle (degrees)	Elevator Position Right (degrees)	Mag. Heading (degrees)	Roll Angle (degrees)	Rudder Position (upper) (degrees)	Angle of Attack (degrees)	EPR Engine 1 (ratio)	EPR Engine 2 (ratio)	EPR Engine 3 (ratio)	EPR Engine 4 (ratio)	Long. Accel (g)	Vert. Accel. (g)	VHF	Pitch Trim Stal Pos (degrees
20:18:40	22.00	83	-0.7	0.0	222	-1	4.14	-25	1.02	1.01	1.01	1.01	0.00	0.97	Off	6
							3.96	-25					0.00	0.97	Off	
							3.96	-25					0.00	0.97		
													0.00	0.97		
													0.01	0.96		
20:18:41	22.00	83	-0.7	0.0	223	-1	3.96	-25	1.02	1.01	1.01	1.01	0.00	0.97	Off	6
	22.00		-0.7	0.0	223	-1	3.78	-25	1.02	1.01	1.01	1.01	0.00	0.97		6
							3.69	-25					0.00	0.96		
													0.00	0.97		
20:18:42	22.00	83	-0.7	0.0	224	-1	2.88	-25	1.02	1.01	1.01	1.01	0.00	0.96	Off	6
		83					2.43	-25					0.00	0.97	Off	
							1.89	-21					0.01	0.96		
													0.00	0.96		
													0.01	0.96		
20:18:43	22.00	83	-0.7	0.0	224	-1	1.53	-25	1.02	1.01	1.01	1.01	0.00	0.96	Off	6
	22.00		-0.7	0.0	224	-1	1.17	-21	1.02	1.01	1.01		0.00	0.97		6
							0.72	-25					0.01	0.95		
													0.00	0.97		
20:18:44	22.00	83	-0.7	0.0	225	-1	0.27	-25	1.02	1.01	1.01	1.01	0.00	0.96	Off	6
		83					-0.09	-25				1.01	0.01	0.96	Off	
							-0.90						0.00	0.97		
													0.01	0.96		
													0.00	0.96		
20:18:45	22.00	83	-0.7	0.0	224	-1	-1.35	-25	1.02	1.01	1.01	1.01	0.00	0.97	Off	6
	22.00		-0.7	0.0	225	-1	-1.53	-25	1.02	1.01			0.00	0.96		6
							-1.53	-25					0.00	0.97		
								-25					0.01	0.95		
20:18:46	22.00	83	-0.7	0.0	225	-1	-1.26	-25	1.02	1.01	1.01	1.01	0.00	0.97	Off	6
		83					-1.06	-25			1.01	1.01	0.01	0.96	Off	
							-0.72						0.01	0.96		
													0.01	0.97		
													0.01	0.96		
20:18:47	22.00	83	-0.7	0.0	225	-1	-0.63	-25	1.02	1.00	1.01	1.01	0.00	0.97	Off	6
	22.00		-0.7	0.0	225	-1	-0.72	-25	1.03				0.01	0.97		6
							-0.72	-25					0.01	0.95		
								-25					0.01	0.97		
20:18:48	22.00	266	-0.7	0.0	225	-1	-0.72	-21	1.03	1.01	1.01	1.01	0.01	0.96	Off	6
		83					-0.63	-25		1.01	1.02	1.02	0.01	0.95	Off	
													0.01	0.97		
													0.01	0.96		
													0.01	0.96		
20:18:49	22.00	83	-0.7	0.0	225	-1	-0.54	-25	1.04	1.01	1.03	1.03	0.01	0.96	Off	6
	22.00		-0.7	0.0	226	-1	-0.54	-25					0.02	0.96		6
							-0.63	-25					0.02	0.96		
							-0.54	-25					0.02	0.97		
20:18:50	22.00	42	-0.7	0.0	226	-1	-0.45	-25	1.05	1.01	1.04	1.04	0.03	0.96	Off	6
		42					-0.18	-25	1.07	1.02	1.05	1.05	0.03	0.96	Off	
													0.04	0.97		
														0.97		
20:18:51	22.00	42	-0.7	0.0	226	-1	-0.18	-25	1.09	1.03	1.07	1.07	0.04	0.96	Off	6
	22.00		-0.7	0.0	226	-1	-0.18	-25					0.05	0.96		6
							-0.18	-22					0.05	0.96		
							-0.18						0.06	0.96		
													0.06			
20:18:52	22.00	42	-0.7	0.1	226	-1	-0.18	-18	1.10	1.04	1.08	1.08	0.06	0.97	Off	6
		42					-0.09	-17	1.10	1.06	1.09	1.10	0.07	0.97	Off	
								-15					0.07	0.96		
													0.08	0.96		
20:18:53	22.00	42	-0.7	-0.1	226	-1	0.00	-10	1.11	1.07	1.10	1.10	0.08	0.97	Off	6
	22.00		-0.7	0.0	226	-1	0.00	-12					0.08	0.97		6
							0.72	-13					0.08	0.97		
							1.62						0.09	0.96		
													0.09	0.96		
20:18:54	22.00	48	-0.7	0.0	226	-1	2.34	-12	1.11	1.09	1.11	1.11	0.09	0.97	Off	6
		42					2.97	-11	1.12	1.10	1.12	1.12	0.09	0.96	Off	
								-5					0.10	0.96		
													0.10	0.97		
20:18:55	22.00	42	-0.7	0.0	226	-1	4.05	1	1.13	1.11	1.13	1.13	0.10	0.96	Off	6
	22.00		-0.7	0.1	226	-1	4.23	1					0.10	0.97		6
							4.50	1					0.11	0.97		
													0.11	0.96		
													0.11	0.96		
20:18:56	27.00	42	-0.7	0.0	229	-1	4.68	1	1.15	1.12	1.14	1.15	0.12	0.96	Off	6
		54					5.85	1	1.17	1.14	1.16	1.17	0.12	0.97	Off	
							6.03	1					0.13	0.96		
													0.13	0.97		
20:18:57	22.00	42	-0.7	0.0	226	-1	6.57	1	1.19	1.16	1.18	1.19	0.13	0.96	Off	6
	22.00		-0.7	0.0	226	-1	6.57	1					0.14	0.96		6
							6.75	2					0.14	0.98		
													0.14	0.97		
														0.96		
20:18:58	22.00	42	-0.7	0.0	226	-1	6.48	1	1.21	1.17	1.19	1.21	0.15	0.97	Off	6
		52					5.94	2	1.24	1.19	1.21	1.26	0.15	0.96	Off	
							5.31	2					0.16	0.97		
													0.16	0.98		
													0.17			
20:18:59	27.00	48	-0.4	-2.3	228	-1	5.13	2	1.28	1.21	1.24	1.30	0.17	0.97	Off	6
	22.00		-0.7	-3.1	226	-1	5.04	2					0.18	0.95		6
							5.13	2					0.18	0.95		
													0.18	0.98		
20:19:00	22.00	42	-0.4	-7.7	226	-1	5.22	2	1.31	1.22	1.26	1.33	0.18	0.97	Off	6
		42					5.31	2	1.34	1.23	1.28	1.34	0.19	0.97	Off	
							5.49	2					0.20	0.95		
													0.19	0.97		
													0.19	0.98		
20:19:01	22.00	42	-0.4	-6.6	226	-1	5.49	2	1.35	1.24	1.30	1.35	0.20	0.93	Off	6
	22.00		-0.4	-6.4	225	-1	5.49	2					0.20	0.94		6
							5.49	2					0.19	0.99		
													0.20	0.98		
20:19:02	22.00	42	-0.4	-6.3	226	-1	5.31	2	1.36	1.25	1.31	1.35	0.20	0.93	Off	6
		44					5.31	3	1.37	1.29	1.32	1.36	0.20	0.96	Off	
							4.95	3					0.20	0.99		
													0.21	0.94		
													0.21	0.95		
20:19:03	22.00	54	-0.4	-7.9	226	-1	3.69	3	1.37	1.32	1.32	1.73	0.21	0.98	Off	6
	22.00		-0.4	-8.2	226	-1	0.36	3					0.21	0.98		
							0.45	3					0.21	0.98		
													0.21	0.98		
20:19:04	22.00	46	-0.4	-7.8	226	-1	0.00	3	1.37	1.35	1.32	1.37	0.21	0.94	Off	6
		48					0.00	3	1.37	1.37	1.33	1.37	0.21	0.98	Off	6
							-2.43	3					0.21	0.98		

Local Time (ref. CVR)	MSL Alt. (FEET)	IAS (KNOTS)	Pitch Angle (degrees)	Elevator Position Right (degrees)	Mag. Heading (degrees)	Roll Angle (degrees)	Rudder Position (upper) (degrees)	Angle of Attack (degrees)	EPR Engine 1 (ratio)	EPR Engine 2 (ratio)	EPR Engine 3 (ratio)	EPR Engine 4 (ratio)	Long. Accel (g)	Vert. Accel. (g)	VHF	Pitch Trim Stal Pos (degrees
													0.21	0.96		
													0.21	0.96		
20:19:05	22.00	51	-0.7	-7.1	226	-1	-7.29	4	1.37	1.38	1.33	1.37	0.21	0.94	Off	6
	22.00		-0.7	-6.6	226	0	-9.45	4					0.21	0.95		
							-8.19	3					0.21	0.94		
													0.20	0.97		
20:19:06	22.00	53	-0.7	-7.1	226	-1	-7.56	3	1.37	1.38	1.34	1.37	0.21	0.97	Off	6
		54					-1.71	4	1.37	1.38	1.34	1.37	0.22	0.88	Off	6
							-1.80	4					0.21	0.94		
													0.21	1.00		
													0.21	0.95		
20:19:07	22.00	56	-0.7	-7.6	226	-1	-3.60	3	1.37	1.38	1.34	1.37	0.20	0.95	Off	6
	22.00		-0.7	-6.6	226	-1	-5.04	4					0.21	0.94		
							-5.76	3					0.21	0.93		
													0.20	0.97		
20:19:08	22.00	63	-0.7	-7.6	226	-1	-5.49	3	1.37	1.38	1.34	1.37	0.21	0.99	Off	6
		60					-2.43	3	1.37	1.38	1.34	1.37	0.21	0.94	Off	6
							-0.45	4					0.21	0.92		
													0.20	0.99		
													0.21	0.98		
20:19:09	22.00	64	-0.7	-7.4	225	-1	-0.63	4	1.36	1.38	1.34	1.37	0.21	0.92	Off	6
	22.00		-0.7	-7.4	225	0	-2.34	3					0.21	0.97		
							-5.13	4					0.20	1.00		
													0.20	0.97		
20:19:10	22.00	68	-0.7	-7.1	225	0	-4.32	4	1.36	1.37	1.34	1.37	0.21	0.92	Off	6
		70					-4.59	3	1.36	1.37	1.34	1.37	0.20	0.98	Off	6
							-3.78	5					0.20	0.99		
													0.21	0.94		
													0.20	0.98		
20:19:11	27.00	70	-0.7	-7.0	225	0	-3.60	4	1.36	1.36	1.33	1.37	0.19	1.00	Off	6
	22.00		-0.7	-7.6	225	0	-2.16	6					0.20	0.92		
							-1.89	3					0.19	0.94		
													0.20	0.98		
20:19:12	22.00	75	-0.7	-8.4	225	0	0.00	4	1.35	1.35	1.33	1.37	0.20	0.96	Off	6
		89					0.90	4	1.35	1.35	1.33	1.37	0.19	0.98	Off	6
							2.43	4					0.20	0.97		
													0.20	0.97		
													0.19	0.98		
20:19:13	22.00	86	-0.7	-8.0	225	-1	-0.72	4	1.35	1.35	1.34	1.37	0.19	0.97	Off	6
	22.00		-0.7		225	-1	-1.80	4					0.19	0.96		
							-4.32	4					0.19	0.98		
													0.19	0.97		
20:19:14	22.00	82	-0.7	-7.1	226	-1	-6.12	3	1.35	1.35	1.34	1.37	0.20	0.95	Off	6
		87		-5.9			-7.29	3	1.35	1.35	1.34	1.36	0.19	0.95	Off	6
							-7.20	3					0.19	0.99		
													0.19	0.98		
														0.94		
20:19:15	27.00	86	-0.7	-5.9	226	-1	-5.85	3	1.35	1.35	1.34	1.37	0.19	0.95	Off	6
	27.00		-0.7		226	0	-5.13	3					0.19	0.96		
							-3.51	3					0.19	0.95		
													0.19	0.97		
													0.19			
20:19:16	27.00	92	-0.7	-6.7	226	0	-2.79	3	1.35	1.35	1.34	1.37	0.19	0.94	Off	6
		94		-7.4			0.72	3	1.35	1.35	1.34	1.37	0.19	0.96	Off	6
							-0.54	4					0.18	1.00		
													0.19	0.94		
20:19:17	27.00	97	-0.7	-7.0	225	0	-0.90	3	1.35	1.35	1.34	1.37	0.19	0.93	Off	6
	27.00		-0.7		225		-0.18	3					0.18	0.98		
							-0.90	3					0.18	0.98		
													0.19	0.93		
													0.18	0.92		
20:19:18	27.00	101	-0.7	-6.3	225	0	-0.36	3	1.35	1.34	1.34	1.37	0.18	0.98	Off	6
		102		-6.5		0	0.18	3	1.35	1.34	1.34	1.36	0.19	0.95	Off	6
							-0.18	3					0.18	0.94		
													0.18	0.97		
20:19:19	27.00	104	-0.7	-6.7	225	0	-0.36	3	1.35	1.34	1.34	1.36	0.18	0.98	Off	6
	27.00				225		-0.18	3					0.17	0.94		
							-0.54	3					0.19	0.96		
													0.18	0.98		
													0.18	0.95		
20:19:20	27.00	107	-0.7	-7.0	225	0	-0.54	3	1.35	1.34	1.34	1.36	0.18	0.94	Off	6
		86	-0.7	-6.6		0	-2.61	3	1.35	1.34	1.34	1.36	0.18	0.94	Off	6
							-3.24	3					0.18	0.98		
													0.18	0.98		
20:19:21	27.00	86	-0.7	-6.2	225	0	-2.79	3	1.35	1.34	1.34	1.36	0.18	0.94	Off	6
	27.00						-2.07	4					0.18	0.90		
							0.00	3					0.17	0.98		
													0.17	-0.30		
													0.18	0.91		
20:19:22	32.00	111	-0.7	32.9	225	0	0.18	3	1.35	1.34	1.34	1.36	0.17	0.97	Off	6
		90	-0.7	-6.6	228	-4	0.09	3	1.35	1.34	1.34	1.36	0.17	0.98		6
							-0.81	3					0.17	0.96		
													0.18	0.96		
20:19:23	27.00	110	-0.7	-5.8	225	0	-1.89	3	1.35	1.34	1.34	1.36	0.17	0.98	Off	6
							-3.51	3					0.17	0.97	Off	
							-3.06	3					0.18	0.94		
													0.17	0.98		
													0.17	0.98		
20:19:24	27.00	88	-0.7	-5.5	225	0	-0.09	3	1.35	1.33	1.34	1.35	0.17	0.93	Off	6
	27.00		-0.7	-4.9	225	0	0.72	3	1.35	1.33	1.34	1.36	0.17	0.97		6
							-1.17	3					0.16	0.98		
													0.17	0.94		
20:19:25	27.00	122	-0.7	-4.3	225	0	-1.53	3	1.35	1.33	1.34	1.36	0.16	0.97	Off	6
		124					-2.61	3					0.17	0.94	Off	
							0.09	3					0.17	0.98		
													0.17	0.97		
													0.17	0.95		
20:19:26	27.00	124	-0.7	-4.0	225	0	0.45	3	1.35	1.33	1.34	1.36	0.16	0.95	Off	6
	27.00		-0.4	-3.8	225	0	0.18	3	1.35	1.33	1.34		0.16	0.97		6
							0.00	3					0.17	0.98		
													0.17	0.98		
20:19:27	32.00	128	-0.7	-3.3	228	0	-2.25	3	1.35	1.33	1.34	1.36	0.17	0.93	On	6
		130					-2.29	2				1.36	0.16	0.95	On	
							0.00						0.16	0.98		
													0.17	0.98		
													0.16	0.95		
20:19:28	27.00	99	-0.4	-3.7	225	0	0.00	3	1.35	1.33	1.34	1.36	0.16	0.93	Off	6
	27.00		-0.4	-3.6	225	0	0.00	3	1.35	1.33			0.16	0.96		6
							0.00	3					0.16	1.00		
								3					0.16	0.95		
20:19:29	27.00	99	-0.4	-2.5	225	0	-1.08	3	1.34	1.33	1.34	1.36	0.17	0.95	Off	6
		100					-1.62	3			1.34	1.36	0.15	1.01	Off	

Local Time (ref. CVR)	MSL Alt. (FEET)	IAS (KNOTS)	Pitch Angle (degrees)	Elevator Position Right (degrees)	Mag. Heading (degrees)	Roll Angle (degrees)	Rudder Position (upper) (degrees)	Angle of Attack (degrees)	EPR Engine 1 (ratio)	EPR Engine 2 (ratio)	EPR Engine 3 (ratio)	EPR Engine 4 (ratio)	Long. Accel (g)	Vert. Accel. (g)	VHF	Pitch Trim Stal Pos (degrees
							-1.17						0.16	0.93		
													0.17	0.90		
													0.16	0.94		
20:19:30	27.00	100	-0.4	-2.1	225	0	-1.80	3	1.34	1.33	1.34	1.36	0.16	0.99	Off	6
	27.00		-0.4	-1.6	225	0	-1.71	3	1.34				0.17	0.93		6
							-1.17	3					0.16	0.95		
								3					0.16	0.96		
20:19:31	27.00	104	-0.4	-1.9	225	0	0.18	4	1.34	1.33	1.34	1.36	0.16	0.97	Off	6
		105					0.36	3		1.33	1.34	1.36	0.16	0.97	Off	
													0.16	0.96		
													0.15	0.95		
													0.16	0.98		
20:19:32	27.00	105	-0.4	-1.5	227	0	0.09	3	1.35	1.33	1.34	1.36	0.16	0.98	Off	6
	22.00		-0.4	-1.5	225	1	-1.26	3					0.15	0.96		6
							-1.35	3					0.16	0.98		
							-1.26	3					0.16	0.97		
20:19:33	22.00	106	-0.4	-1.2	225	1	-1.53	3	1.34	1.33	1.34	1.36	0.16	0.97	Off	6
		110					-2.34	3	1.34	1.33	1.34	1.36	0.16	0.95	On	
													0.16	0.95		
													0.16	0.97		
														0.96		
20:19:34	22.00	110	0.0	-0.9	225	1	-1.17	3	1.34	1.33	1.34	1.35	0.16	0.96	Off	6
	22.00		0.0	0.8	225	1	-1.35	3					0.16	0.96		6
							-0.09	3					0.15	0.95		
							0.09						0.16	0.96		
													0.16			
20:19:35	22.00	113	0.4	3.2	225	1	-0.18	3	1.34	1.33	1.34	1.36	0.16	0.97	Off	6
		150					-1.08	4	1.34	1.33	1.34	1.36	0.16	0.95	Off	
								3					0.16	0.97		
													0.17	0.97		
20:19:36	22.00	118	0.7	3.9	225	1	-1.80	4	1.34	1.33	1.34	1.36	0.17	0.98	Off	6
	22.00		1.4	4.6	228	1	-1.89	4					0.18	0.93		6
							-1.62	4					0.18	0.95		
							-1.62						0.18	0.96		
													0.19	0.98		
20:19:37	12.00	120	2.5	4.9	226	1	-1.44	4	1.34	1.33	1.67	1.35	0.19	0.97	Off	6
		156					-1.35	4	1.34	1.33	1.34	1.36	0.19	0.96	Off	
								4					0.20	0.95		
													0.21	0.95		
20:19:38	12.00	156	3.6	4.8	226	1	-1.17	5	1.34	1.33	1.34	1.36	0.21	0.96	Off	6
	7.00		4.3	5.3	226	1	-0.99	6					0.21	0.96		6
							-1.08	6					0.22	0.94		
													0.22	0.95		
													0.23	0.97		
20:19:39	7.00	126	5.8	5.8	226	1	-1.08	7	1.34	1.33	1.34	1.35	0.23	0.98	Off	6
		128					-1.26	7	1.34	1.33	1.34	1.35	0.24	0.96	Off	
							-1.26	7					0.24	0.97		
													0.24	0.99		
20:19:40	2.00	128	6.5	7.3	226	1	-0.99	8	1.34	1.33	1.34	1.35	0.25	0.98	Off	6
	-3.00		7.9	7.4	226	1	-0.54	8					0.26	0.94		6
							-0.54	9					0.25	0.98		
													0.26	0.98		
														1.02		
20:19:41	2.00	134	9.7	7.4	229	0	-0.90	10	1.34	1.33	1.34	1.35	0.26	1.02	Off	6
		162					-1.35	10	1.34	1.33	1.34	1.35	0.28	1.05	Off	
							-1.26	11					0.28	1.07		
													0.29	1.08		
													0.29			
20:19:42	-3.00	131	10.8	7.6	225	0	-0.72	11	1.34	1.33	1.34	1.35	0.29	1.06	Off	6
	7.00		11.2	7.8	225	0	-0.36	11					0.29	1.06		6
							-0.18	11					0.29	1.07		
													0.29	1.08		
20:19:43	12.00	131	11.5	7.9	225	0	-0.36	11	1.34	1.33	1.34	1.35	0.28	1.07	Off	6
		136					-0.63	11	1.34	1.33	1.34	1.35	0.28	1.05	Off	
							-1.08	11					0.28	1.06		
													0.28	1.04		
													0.27	1.05		
20:19:44	27.00	136	12.2	7.4	225	-1	-1.35	11	1.34	1.33	1.33	1.35	0.27	1.05	Off	6
	42.00		12.2	6.9	225	-1	-1.44	11					0.27	1.04		6
							-1.35	11					0.27	1.04		
													0.27	1.04		
20:19:45	57.00	134	13.3	5.9	225	-1	-1.17	11	1.34	1.33	1.33	1.35	0.28	1.06	Off	6
		166					-0.72	11	1.34	1.33	1.33	1.35	0.28	1.07	Off	
							-0.72	12					0.28	1.08		
													0.28	1.10		
													0.28	1.10		
20:19:46	72.00	154	14.8	4.8	226	-1	-0.90	12	1.34	1.33	1.33	1.35	0.29	1.09	Off	6
	97.00		15.5	4.5	226	-1	-1.17	12					0.28	1.09		
							-1.08	11					0.28	1.08		
													0.28	1.08		
20:19:47	127.00	166	15.8	4.1	226	-1	-0.72	11	1.34	1.32	1.33	1.35	0.28	1.07	Off	6
		167					-0.18	11	1.33	1.32	1.33	1.35	0.28	1.07	Off	6
							-0.09	11					0.28	1.07		
													0.27	1.06		
													0.27	1.07		
20:19:48	152.00	166	16.6	3.0	226	-1	-0.36	11	1.33	1.32	1.33	1.34	0.27	1.06	Off	6
	177.00		16.9	2.3	226	-1	-0.36	11					0.27	1.06		
							-0.45	11					0.27	1.05		
													0.27	1.04		
20:19:49	207.00	164	16.6	1.7	226	-1	-0.45	11	1.33	1.32	1.33	1.34	0.27	1.05	Off	6
		164					-0.54	11	1.33	1.32	1.33	1.34	0.26	1.04	Off	6
							-0.72	11					0.26	1.01		
													0.25	0.98		
													0.26	0.98		
20:19:50	232.00	135	16.2	2.4	226	-2	-0.90	10	1.33	1.31	1.32	1.34	0.25	0.97	Off	6
	262.00		16.9	2.3	226	-3	-0.99	10					0.25	0.95		
							-0.99	10					0.24	0.93		
													0.25	0.92		
20:19:51	292.00	150	16.9	2.4	226	-5	-0.99	10	1.33	1.32	1.33	1.34	0.24	0.91	Off	6
		161					-1.26	10	1.33	1.32	1.33	1.34	0.24	0.92	Off	6
							-1.35	10					0.25	0.93		
													0.25	0.94		
													0.25	0.94		
20:19:52	322.00	161	16.9	2.1	226	-6	-1.26	10	1.33	1.32	1.33	1.34	0.25	0.93	Off	6
	347.00		17.3	2.1	226	-7	-1.08	10					0.26	0.93		
							-0.90	11					0.26	0.93		
													0.26	0.93		
20:19:53	372.00	160	17.3	1.6	225	-8	-0.63	10	1.33	1.32	1.33	1.35	0.25	0.94	Off	6
		160					-0.54	11	1.33	1.32	1.33	1.35	0.26	0.93	Off	6
							-0.54	11					0.26	0.92		
													0.26	0.91		
													0.26	0.90		

Local Time (ref. CVR)	MSL Alt. (FEET)	IAS (KNOTS)	Pitch Angle (degrees)	Elevator Position Right (degrees)	Mag. Heading (degrees)	Roll Angle (degrees)	Rudder Position (upper) (degrees)	Angle of Attack (degrees)	EPR Engine 1 (ratio)	EPR Engine 2 (ratio)	EPR Engine 3 (ratio)	EPR Engine 4 (ratio)	Long. Accel (g)	Vert. Accel. (g)	VHF	Pitch Trim Stal Pos (degrees
20:19:54	397.00	159	16.2	1.9	225	-9	-0.63	10	1.33	1.32	1.33	1.35	0.26	0.90	On	6
	422.00		15.8	1.8	224	-9	-0.81	10					0.26	0.89		
							-0.72	10					0.26	0.89		
													0.26	0.89		
20:19:55	447.00	156	16.6	1.9	224	-10	-0.36	10	1.33	1.32	1.33	1.34	0.26	0.87	Off	6
		144					-0.18	10	1.33	1.32	1.33	1.34	0.26	0.87	Off	6
							0.00	9					0.25	0.86		
													0.25	0.85		
													0.25	0.84		
20:19:56	467.00	156	15.8	2.1	223	-10	0.00	9	1.33	1.32	1.33	1.34	0.25	0.83	Off	6
	487.00		15.8		222	-10	0.18	10					0.25	0.83		
							0.00	10					0.25	0.83		
													0.25	0.84		
20:19:57	507.00	125	15.8	3.0	222	-10	0.00	10	1.33	1.32	1.33	1.35	0.25	0.84	Off	6
		123		2.5			0.00	10	1.33	1.32	1.33	1.34	0.26	0.84	Off	6
							0.00	10					0.26	0.85		
													0.26	0.87		
														0.89		
20:19:58	522.00	154	16.2	2.1	221	-10	0.00	11	1.33	1.32	1.33	1.35	0.27	0.89	Off	6
	542.00		16.2		220	-11	0.00	11					0.27	0.89		
							-0.36	11					0.27	0.90		
													0.28	0.92		
													0.28			
20:19:59	557.00	152	15.5	1.7	219	-12	-0.36	11	1.33	1.32	1.33	1.35	0.28	0.92	Off	6
		154		2.0			-0.27	11	1.33	1.32	1.33	1.35	0.27	0.90	Off	6
							-0.18	10					0.27	0.89		
													0.27	0.86		
20:20:00	577.00	144	15.1	2.5	219	-12	0.00	11	1.33	1.32	1.33	1.35	0.27	0.86	On	6
	587.00		15.1		217		0.00	10					0.27	0.88		
							0.00	11					0.27	0.88		
													0.27	0.87		
													0.27	0.87		
20:20:01	607.00	154	14.8	2.9	217	-11	0.00	11	1.33	1.32	1.33	1.35	0.27	0.88	Off	6
		152		2.9		-12	0.00	11	1.34	1.32	1.33	1.35	0.27	0.89	Off	6
							-0.18	11					0.27	0.89		
													0.28	0.89		
20:20:02	622.00	154	14.8	2.9	216	-12	-0.54	11	1.34	1.32	1.34	1.35	0.28	0.89	Off	6
	637.00				215		-0.54	11					0.28	0.90		
							-0.72	11					0.28	0.91		
													0.28	0.92		
													0.28	0.93		
20:20:03	652.00	155	14.8	2.8	214	-12	-0.72	11	1.34	1.32	1.33	1.35	0.29	0.93	Off	6
		154	14.8	2.5		-12	-0.72	12	1.34	1.32	1.33	1.35	0.28	0.93	Off	6
							-0.54	11					0.28	0.94		
													0.29	0.95		
20:20:04	667.00	152	14.8	2.7	213	-13	-0.45	11	1.34	1.32	1.34	1.35	0.29	0.94	Off	6
	682.00						-0.45	11					0.29	0.95		
							-0.36	11					0.28	0.94		
													0.28	0.93		
													0.28	0.91		
20:20:05	697.00	120	14.4	3.0	212	-13	-0.36	11	1.34	1.32	1.33	1.35	0.28	0.91	On	6
		154	14.4	2.9	211	-12	-0.18	11	1.34	1.32	1.34	1.35	0.28	0.90		6
							-0.18	11					0.27	0.90		
													0.28	0.89		
20:20:06	707.00	154	14.0	2.6	210	-12	-0.36	11	1.34	1.32	1.33	1.35	0.28	0.89	On	6
							-0.54	11					0.28	0.91	Off	
							-0.90	11					0.28	0.92		
													0.28	0.92		
													0.28	0.92		
20:20:07	722.00	122	14.0	2.6	209	-13	-0.63	11	1.34	1.32	1.33	1.35	0.28	0.91	Off	6
	737.00		13.7	2.6	208	-12	-0.36	11	1.34	1.32	1.33	1.35	0.28	0.90		6
							0.00	11					0.28	0.90		
													0.28	0.90		
20:20:08	747.00	153	13.3	2.5	207	-11	0.18	11	1.34	1.32	1.34	1.35	0.28	0.90	Off	6
		154					0.54	12					0.28	0.90	Off	
							0.63	11					0.28	0.91		
													0.27	0.91		
													0.28	0.92		
20:20:09	757.00	120	13.3	2.4	206	-10	0.72	11	1.34	1.32	1.33	1.35	0.28	0.91	On	6
	767.00		13.0	2.4	206	-9	0.72	11	1.34	1.32	1.34		0.27	0.91		6
							0.72	11					0.27	0.90		
													0.27	0.88		
20:20:10	737.00	138	13.0	2.6	207	-8	0.54	11	1.34	1.32	1.34	1.35	0.27	0.86	Off	6
		125					0.27	11				1.35	0.27	0.87	Off	
							0.00						0.27	0.90		
													0.27	0.91		
													0.27	0.90		
20:20:11	787.00	128	12.6	2.5	204	-7	-0.09	11	1.34	1.32	1.34	1.35	0.28	0.92	Off	6
	797.00		12.6	2.4	203	-7	-0.09	11	1.34	1.32			0.28	0.94		6
							-0.09	11					0.28	0.94		
								11					0.28	0.92		
20:20:12	807.00	124	12.6	2.5	203	-6	-0.09	11	1.34	1.32	1.33	1.34	0.28	0.91	Off	6
		156					-0.18	11			1.33	1.35	0.27	0.92	Off	
							-0.09						0.28	0.93		
													0.28	0.93		
													0.27	0.93		
20:20:13	812.00	128	12.6	2.3	202	-5	0.00	12	1.34	1.32	1.33	1.35	0.27	0.93	Off	6
	822.00		12.2	2.1	202	-4	0.00	11	1.33				0.28	0.93		6
							0.00	11					0.27	0.94		
								11					0.27	0.92		
20:20:14	832.00	130	12.2	2.1	202	-3	0.00	11	1.33	1.32	1.33	1.35	0.27	0.92	On	6
		159					0.00	11		1.31	1.33	1.35	0.27	0.92	On	
													0.27	0.93		
													0.27	0.93		
													0.26	0.93		
20:20:15	797.00	160	12.2	1.9	203	-2	0.00	11	1.33	1.31	1.33	1.34	0.27	0.92	On	6
	852.00		12.2	1.7	201	-1	0.00	11					0.27	0.93		6
							0.00	11					0.27	0.93		
							0.00	11					0.27	0.93		
20:20:16	862.00	160	12.2	2.1	201	0	0.18	11	1.34	1.31	1.33	1.35	0.27	0.94	On	6
		132					0.16	11	1.33	1.31	1.33	1.35	0.27	0.93	On	
													0.27	0.93		
													0.27	0.93		
														0.93		
20:20:17	872.00	161	11.9	2.2	201	0	0.09	10	1.34	1.31	1.33	1.35	0.26	0.93	On	6
	882.00		11.9	1.9	202	0	0.00	10					0.26	0.92		6
							0.00	10					0.26	0.91		
							-0.09						0.26	0.90		
													0.26			
20:20:18	892.00	162	11.9	1.6	202	0	-0.18	10	1.34	1.31	1.33	1.35	0.26	0.91	On	6
		162					-0.27	11	1.34	1.31	1.33	1.35	0.26	0.92	On	
								10					0.26	0.95		

Local Time (ref. CVR)	MSL Alt. (FEET)	IAS (KNOTS)	Pitch Angle (degrees)	Elevator Position Right (degrees)	Mag. Heading (degrees)	Roll Angle (degrees)	Rudder Position (upper) (degrees)	Angle of Attack (degrees)	EPR Engine 1 (ratio)	EPR Engine 2 (ratio)	EPR Engine 3 (ratio)	EPR Engine 4 (ratio)	Long. Accel (g)	Vert. Accel. (g)	VHF	Pitch Trim Stal Pos (degrees
													0.27	0.95		
20:20:19	902.00	162	11.9	1.2	202	1	0.00	10	1.34	1.32	1.33	1.35	0.26	0.94	Off	6
	867.00		11.9	0.6	204	1	0.09	10					0.26	0.93		6
							0.36	10					0.26	0.93		
							0.36						0.26	0.93		
													0.26	0.92		
20:20:20	922.00	162	11.5	0.4	202	2	0.36	10	1.34	1.31	1.33	1.35	0.26	0.91	Off	6
		163					0.18	10	1.34	1.32	1.33	1.35	0.25	0.90	Off	
								10					0.25	0.90		
													0.25	0.89		
20:20:21	932.00	163	11.2	0.2	203	1	0.09	10	1.34	1.31	1.33	1.35	0.25	0.89	Off	6
	942.00		10.6	0.2	203	1	0.00	10					0.25	0.89		6
							0.00	10					0.25	0.89		
													0.25	0.89		
													0.25	0.87		
20:20:22	952.00	164	10.4	0.1	203	1	-0.09	9	1.34	1.32	1.33	1.35	0.25	0.87	Off	6
		165					-0.09	9	1.34	1.31	1.33	1.35	0.24	0.87	Off	
							-0.09	9					0.25	0.89		
													0.25	0.90		
20:20:23	957.00	166	9.7	0.2	203	0	-0.09	10	1.33	1.31	1.33	1.35	0.25	0.89	Off	6
	967.00		10.1	0.1	204	-1	-0.18	10					0.25	0.90		6
							-0.18	9					0.25	0.91		
													0.25	0.92		
														0.92		
20:20:24	927.00	168	9.4	0.2	206	-1	0.00	9	1.34	1.31	1.33	1.35	0.25	0.91	Off	6
		167					0.36	9	1.33	1.31	1.33	1.35	0.25	0.90	Off	
							0.72	8					0.25	0.90		
													0.24	0.90		
													0.25			
20:20:25	982.00	168	9.4	0.2	204	-1	1.17	9	1.33	1.31	1.33	1.35	0.24	0.89	On	6
	987.00		9.4	0.2	204	0	1.35	9					0.24	0.88		6
							1.08	8					0.24	0.88		
													0.24	0.89		
20:20:26	992.00	169	8.6	0.2	204	0	0.90	9	1.33	1.32	1.33	1.35	0.24	0.89	On	6
		170					0.72	9	1.34	1.31	1.33	1.35	0.24	0.88	On	
							0.63	9					0.24	0.88		
													0.24	0.90		
													0.24	0.92		
20:20:27	997.00	170	8.6	0.1	204	0	0.72	9	1.33	1.32	1.33	1.34	0.24	0.92	On	6
	1002.00		8.3	0.3	204	-1	0.63	9					0.24	0.92		6
							0.63	9					1.57	0.92		
													0.24	0.91		
20:20:28	1002.00	170	7.9	0.9	204	-1	0.54	9	1.33	1.31	1.33	1.35	0.24	0.90	On	6
		172					0.45	9	1.33	1.31	1.33	1.35	0.24	0.91	Off	
							0.45	8					0.24	0.91		
													0.24	0.91		
													0.24	0.91		
20:20:29	1012.00	172	8.3	1.0	205	-1	0.45	8	1.33	1.31	1.33	1.35	0.24	0.90	Off	6
	1012.00		8.3	0.7	204	-1	0.45	8					0.24	0.91		
							0.45	8					0.24	0.91		
													0.24	0.91		
20:20:30	1017.00	173	8.3	0.9	204	-1	0.45	8	1.33	1.31	1.33	1.34	0.24	0.92	Off	6
		173					0.54	8	1.33	1.31	1.33	1.34	0.24	0.91	Off	6
							0.72	8					0.24	0.92		
													0.24	0.92		
													0.24	0.93		
20:20:31	1022.00	174	8.3	0.9	204	0	0.72	8	1.33	1.31	1.33	1.34	0.24	0.93	Off	6
	1022.00		8.3	0.4	204	0	0.81	8					0.24	0.94		
							0.90	8					0.24	0.95		
													0.24	0.95		
20:20:32	1022.00	161	7.9	0.2	203	0	0.90	8	1.33	1.31	1.33	1.34	0.24	0.97	Off	6
		176					0.90	8	1.33	1.31	1.33	1.34	0.24	0.97	Off	6
							1.08	8					0.24	0.98		
													0.25	0.98		
													0.24	0.97		
20:20:33	1027.00	178	7.6	0.5	203	1	0.90	8	1.33	1.31	1.33	1.34	0.24	0.97	Off	6
	1032.00		7.9	0.9	203	0	0.63	8					0.24	0.94		
							0.27	8					0.23	0.93		
													0.23	0.93		
20:20:34	1037.00	164	8.3	0.7	203	0	0.27	8	1.33	1.31	1.33	1.34	0.23	0.93	Off	6
		180					0.27	8	1.33	1.31	1.33	1.34	0.23	0.94	Off	6
							0.18	8					0.23	0.94		
													0.23	0.96		
													0.24	0.96		
20:20:35	1037.00	180	8.3	0.9	203	0	0.09	8	1.33	1.30	1.33	1.34	0.23	0.97	Off	6
	1047.00		8.6	0.7	203	0	0.18	8					0.23	0.97		
							0.18	8					0.24	0.97		
													0.24	0.98		
20:20:36	1047.00	180	8.6	1.5	203	0	0.18	8	1.33	1.31	1.33	1.34	0.24	0.98	Off	6
		182					0.18	8	1.33	1.31	1.33	1.34	0.24	0.98	Off	6
							0.18	8					0.24	0.98		
													0.24	0.98		
													0.24	1.00		
20:20:37	1052.00	183	9.0	0.5	203	0	0.18	8	1.33	1.31	1.33	1.34	0.24	1.01	Off	6
	1062.00		9.0	0.0	203	0	0.00	8					0.24	1.04		
							0.00	9					0.24	1.04		
													0.24	1.04		
20:20:38	1067.00	184	9.4	0.1	203	0	0.00	8	1.33	1.31	1.33	1.34	0.24	1.03	Off	6
		155					0.18	8	1.33	1.30	1.33	1.34	0.24	1.04	Off	6
							0.36	8					0.24	1.04		
													0.24	1.03		
													0.24	1.00		
20:20:39	1077.00	186	9.4	0.1	203	0	0.54	7	1.33	1.31	1.33	1.34	0.23	0.99	Off	6
	1087.00		9.4		203	0	0.54	7					0.23	0.99		
							0.63	7					0.23	0.99		
													0.22	0.98		
20:20:40	1102.00	187	9.4	0.0	203	0	0.72	7	1.33	1.30	1.33	1.34	0.23	0.97	Off	6
		173		0.0			0.54	7	1.33	1.30	1.33	1.34	0.22	0.97	Off	6
							0.54	7					0.23	0.98		
													0.22	0.98		
														0.99		
20:20:41	1107.00	186	9.7	0.0	203	1	0.54	7	1.33	1.30	1.33	1.34	0.23	0.98	Off	6
	1122.00		9.7		203	1	0.45	7					0.23	0.98		
							0.36	7					0.23	0.98		
													0.22	0.98		
													0.22			
20:20:42	1137.00	186	9.0	0.0	204	1	0.27	7	1.33	1.30	1.33	1.34	0.23	0.96	Off	5
		188		0.0			0.18	7	1.33	1.31	1.33	1.34	0.22	0.95	Off	5
							0.00	7					0.22	0.94		
													0.21	0.92		
20:20:43	1147.00	177	9.4	0.0	204	0	0.00	7	1.33	1.30	1.33	1.34	0.21	0.93	Off	5
	1162.00		9.4		204		0.18	7					0.22	0.92		

Local Time (ref. CVR)	MSL Alt. (FEET)	IAS (KNOTS)	Pitch Angle (degrees)	Elevator Position Right (degrees)	Mag. Heading (degrees)	Roll Angle (degrees)	Rudder Position (upper) (degrees)	Angle of Attack (degrees)	EPR Engine 1 (ratio)	EPR Engine 2 (ratio)	EPR Engine 3 (ratio)	EPR Engine 4 (ratio)	Long. Accel (g)	Vert. Accel. (g)	VHF	Pitch Trim Stal Pos (degrees
							0.36	7					0.21	0.94		
													0.21	0.94		
													0.21	0.94		
20:20:44	1177.00	188	8.6	0.0	204	1	0.54	7	1.33	1.30	1.33	1.34	0.21	0.93	Off	5
		188		0.0		1	0.72	7	1.33	1.31	1.33	1.34	0.21	0.93	Off	5
							0.72	7					0.21	0.92		
													0.21	0.91		
20:20:45	1187.00	189	8.3	0.0	204	0	0.54	6	1.33	1.30	1.33	1.34	0.21	0.91	Off	5
	1202.00				204		0.18	6					0.21	0.90		
							0.18	6					0.21	0.88		
													0.20	0.88		
													0.20	0.88		
20:20:46	1207.00	189	8.3	0.0	204	0	0.45	7	1.33	1.31	1.33	1.34	0.20	0.89	Off	5
		190	7.6	0.2		0	0.72	6	1.33	1.31	1.33	1.34	0.20	0.88	Off	5
							0.63	7					0.20	0.87		
													0.20	0.88		
20:20:47	1217.00	177	7.6	0.4	204	0	0.54	6	1.33	1.30	1.33	1.34	0.20	0.89	Off	5
	1232.00						0.36	7					0.20	0.89		
							0.45	6					0.20	0.88		
													0.20	0.87		
													0.20	0.87		
20:20:48	1237.00	162	7.2	0.7	204	0	0.36	6	1.33	1.31	1.33	1.34	0.20	0.89	On	5
		194	7.2	1.2	204	0	0.18	6	1.33	1.30	1.33	1.34	0.20	0.90		5
							0.00	7					0.20	0.92		
													0.20	0.94		
20:20:49	1242.00	194	7.6	1.2	204	-1	-0.18	7	1.33	1.30	1.33	1.34	0.21	0.96	On	5
							-0.18	7					0.21	0.97	On	
							-0.36	7					0.21	0.98		
													0.21	0.98		
													0.21	0.98		
20:20:50	1252.00	195	7.9	1.2	204	-3	-0.45	7	1.33	1.30	1.32	1.34	0.21	0.98	On	5
	1262.00		7.6	1.1	203	-4	-0.45	7	1.33	1.30	1.33	1.34	0.21	0.98		5
							-0.36	6					0.21	0.98		
													0.21	0.98		
20:20:51	1272.00	196	8.3	1.1	203	-5	-0.36	6	1.33	1.30	1.33	1.34	0.21	0.98	On	5
		196					-0.36	6					0.21	0.98	Off	
							-0.36	6					0.21	0.98		
													0.21	0.97		
													0.21	0.97		
20:20:52	1282.00	183	8.3	1.1	203	-7	-0.36	7	1.33	1.30	1.32	1.34	0.21	0.97	Off	5
	1292.00		8.3	1.3	202	-8	-0.18	6	1.33	1.30	1.33		0.21	0.97		5
							-0.09	6					0.21	0.98		
													0.21	0.98		
20:20:53	1307.00	166	8.3	1.1	202	-10	0.00	6	1.33	1.30	1.33	1.34	0.21	0.98	Off	5
		189					0.00	6				1.34	0.21	0.98	Off	
							0.00						0.21	0.99		
													0.21	0.99		
													0.21	0.98		
20:20:54	1317.00	190	8.6	0.9	201	-11	0.00	6	1.33	1.30	1.33	1.34	0.21	0.97	Off	5
	1332.00		8.6	0.8	201	-12	0.00	6	1.33	1.30			0.21	0.97		5
							0.00	6					0.21	0.96		
								6					0.21	0.97		
20:20:55	1342.00	190	8.6	0.7	200	-13	0.00	6	1.33	1.30	1.32	1.33	0.21	0.97	Off	5
		198					0.09	6			1.33	1.34	0.21	0.96	Off	
							0.00						0.21	0.94		
													0.21	0.94		
													0.21	0.93		
20:20:56	1352.00	194	8.6	0.9	199	-15	0.09	6	1.33	1.30	1.33	1.34	0.21	0.92	Off	5
	1367.00		8.6	1.0	198	-16	0.18	7	1.33				0.21	0.91		5
							0.27	7					0.21	0.91		
								7					0.21	0.92		
20:20:57	1372.00	198	8.3	1.1	197	-17	0.36	7	1.33	1.30	1.32	1.34	0.22	0.93	Off	5
		200					0.45	7		1.30	1.32	1.34	0.22	0.94	Off	
													0.22	0.96		
													0.22	0.95		
													0.22	0.95		
20:20:58	1322.00	200	8.3	1.0	196	-18	0.36	6	1.33	1.30	1.32	1.34	0.22	0.94	Off	5
	1387.00		8.3	0.7	195	-19	0.36	6					0.21	0.93		5
							0.36	6					0.21	0.92		
							0.27	6					0.21	0.92		
20:20:59	1397.00	202	7.9	0.9	194	-19	0.36	6	1.33	1.30	1.32	1.34	0.22	0.92	Off	5
		196					0.45	6	1.33	1.30	1.32	1.33	0.21	0.94	Off	
													0.21	0.93		
													0.21	0.92		
														0.91		
20:21:00	1407.00	204	7.6	1.2	193	-20	0.54	6	1.33	1.30	1.32	1.34	0.21	0.93	Off	5
	1417.00		7.2	1.4	192	-21	0.72	6					0.21	0.94		5
							0.90	6					0.21	0.95		
							0.90						0.21	0.95		
													0.21			
20:21:01	1422.00	204	7.2	1.9	191	-21	0.99	6	1.33	1.30	1.32	1.34	0.21	0.95	Off	5
		205					46.80	6	1.33	1.30	1.32	1.34	0.21	0.95	Off	
								7					0.21	0.95		
													0.22	0.96		
20:21:02	1427.00	206	7.2	1.8	189	-21	0.90	6	1.33	1.30	1.32	1.34	0.21	0.97	Off	5
	1372.00		7.2	1.7	189	-21	0.90	6					0.21	0.98		5
							0.72	6					0.22	0.98		
							0.72						0.22	0.98		
													0.22	0.98		
20:21:03	1437.00	208	7.6	1.9	187	-22	0.72	6	1.33	1.29	1.32	1.34	0.22	0.98	Off	5
		208					0.72	6	1.33	1.30	1.32	1.34	0.22	0.98	Off	
								6					0.22	0.99		
													0.22	1.01		
20:21:04	1442.00	209	7.6	2.0	185	-22	0.72	7	1.33	1.29	1.32	1.32	0.22	1.02	Off	5
	1447.00		7.6	1.7	184	-22	0.63	6					0.22	1.03		5
							0.72	6					0.23	1.03		
													0.22	1.02		
													0.22	1.02		
20:21:05	1452.00	209	7.6	1.5	183	-23	0.72	6	1.33	1.30	1.32	1.34	0.22	1.02	Off	5
		210					0.72	7	1.33	1.30	1.32	1.34	0.22	1.01	Off	
							0.72	-82					0.22	1.02		
													0.22	1.04		
20:21:06	1457.00	211	7.2	1.5	181	-23	0.72	7	1.33	1.29	1.32	1.34	0.22	1.04	Off	5
	1462.00		7.2	1.5	180	-23	0.63	7					0.22	1.04		5
							0.54	7					0.22	1.03		
													0.22	1.02		
														1.02		
20:21:07	1407.00	211	7.2	1.7	179	-24	0.54	7	1.33	1.29	1.32	1.34	0.22	1.03	Off	5
		212					0.45	6	1.33	1.29	1.32	1.34	0.22	1.04	Off	
							0.54	6					0.22	1.04		
													0.22	1.03		
													0.22			

Local Time (ref. CVR)	MSL Alt. (FEET)	IAS (KNOTS)	Pitch Angle (degrees)	Elevator Position Right (degrees)	Mag. Heading (degrees)	Roll Angle (degrees)	Rudder Position (upper) (degrees)	Angle of Attack (degrees)	EPR Engine 1 (ratio)	EPR Engine 2 (ratio)	EPR Engine 3 (ratio)	EPR Engine 4 (ratio)	Long. Accel (g)	Vert. Accel. (g)	VHF	Pitch Trim Stal Pos (degrees
20:21:08	1472.00	212	7.2	1.4	177	-24	0.36	6	1.33	1.29	1.32	1.34	0.21	1.01	Off	5
	1477.00		7.2	1.6	176	-25	0.36	6					0.21	1.00		5
							0.36	6					0.21	1.00		
													0.21	1.01		
20:21:09	1482.00	214	6.8	1.5	174	-26	0.36	6	1.33	1.30	1.32	1.33	0.21	1.01	Off	5
		214					0.36	6	1.32	1.30	1.32	1.33	0.21	1.02	Off	
							45.90	6					0.21	1.02		
													0.21	1.02		
													0.21	1.02		
20:21:10	1492.00	214	7.2	1.3	173	-26	0.54	6	1.32	1.29	1.32	1.33	0.21	1.01	Off	5
	1497.00		6.8	1.4	171	-26	0.54	6					0.21	1.02		5
							0.45	7					0.21	1.01		
													0.21	1.01		
20:21:11	1497.00	216	6.5	1.3	170	-27	0.54	6	1.32	1.29	1.32	1.33	0.21	1.03	Off	5
		216					0.45	6	1.32	1.29	1.32	1.33	0.21	1.03	Off	
							0.54	6					0.21	1.04		
													0.21	1.03		
													0.21	1.02		
20:21:12	1442.00	218	6.5	1.4	167	-27	0.54	6	1.32	1.29	1.32	1.33	0.21	1.02	Off	5
	1512.00		6.5	1.4	167	-27	0.54	6					0.21	1.03		
							0.72	6					0.21	1.03		
													0.21	1.04		
20:21:13	1517.00	218	6.1	1.2	165	-27	0.72	6	1.32	1.29	1.32	1.33	0.21	1.03	Off	5
		219					0.72	6	1.32	1.29	1.32	1.33	0.21	1.02	Off	5
							0.72	6					0.21	1.02		
													0.20	1.01		
													0.20	1.01		
20:21:14	1517.00	220	6.1	1.5	164	-27	0.90	6	1.32	1.29	1.32	1.33	0.21	1.01	Off	5
	1522.00		5.8	1.4	162	-27	0.90	6					0.21	1.02		
							0.90	6					0.21	1.03		
													0.21	1.03		
20:21:15	1527.00	221	5.8	1.4	161	-26	0.81	6	1.32	1.29	1.32	1.33	0.21	1.03	Off	5
		222					0.81	7	1.32	1.29	1.32	1.33	0.21	1.04	Off	5
							0.72	6					0.21	1.05		
													0.21	1.04		
													0.21	1.02		
20:21:16	1532.00	222	5.8	1.3	159	-25	0.54	6	1.32	1.29	1.32	1.33	0.21	1.02	Off	5
	1477.00		6.1	1.2	157	-26	0.63	6					0.21	1.03		
							0.81	6					0.21	1.03		
													0.21	1.03		
20:21:17	1537.00	222	5.8	1.1	157	-24	0.90	6	1.32	1.29	1.32	1.33	0.20	1.00	Off	5
		223					1.35	6	1.32	1.29	1.31	1.33	0.21	0.99	Off	5
							1.80	6					0.21	1.00		
													0.21	1.02		
													0.21	1.02		
20:21:18	1537.00	224	5.8	1.1	156	-22	2.16	6	1.32	1.29	1.31	1.33	0.21	1.02	Off	5
	1537.00		5.8	0.9	154	-20	2.16	6					0.21	1.02		
							2.07	6					0.21	1.03		
													0.21	1.04		
20:21:19	1542.00	226	5.8	0.7	154	-18	2.07	6	1.32	1.29	1.31	1.33	0.21	1.03	Off	5
		226					1.89	6	1.32	1.29	1.31	1.33	0.20	1.01	Off	5
							1.89	6					0.20	1.01		
													0.20	0.99		
													0.20	0.99		
20:21:20	1547.00	228	5.8	0.8	153	-15	2.07	7	1.32	1.29	1.31	1.33	0.20	1.00	Off	5
	1547.00		6.1	0.8	152	-12	2.16	6					0.20	1.02		
							2.07	6					0.20	1.03		
													0.20	1.03		
20:21:21	1552.00	228	6.5	0.7	150	-10	2.07	6	1.32	1.29	1.31	1.33	0.20	1.02	Off	5
		230					2.07	6	1.31	1.28	1.31	1.33	0.21	1.02	Off	5
							2.07	6					0.20	1.03		
													0.20	1.04		
													0.20	1.03		
20:21:22	1557.00	230	6.8	0.9	151	-8	1.89	6	1.31	1.28	1.31	1.33	0.20	1.02	Off	5
	1557.00		7.2		300	-6	1.80	6					0.20	1.03		
							1.53	6					0.20	1.04		
													0.20	1.05		
20:21:23	1567.00	230	7.6	0.9	151	-4	1.44	6	1.31	1.28	1.31	1.33	0.21	1.06	Off	5
		231		1.0			1.44	6	1.32	1.28	1.31	1.33	0.21	1.07	Off	5
							1.35	6					0.21	1.08		
													0.21	1.07		
														1.07		
20:21:24	1577.00	232	7.9	1.2	151	-2	1.35	6	1.32	1.28	1.31	1.33	0.21	1.07	Off	5
	1582.00		8.3		151	0	1.17	6					0.21	1.06		
							1.17	6					0.21	1.06		
													0.21	1.07		
													0.21			
20:21:25	1597.00	233	8.3	0.9	151	1	1.08	6	1.32	1.28	1.31	1.33	0.21	1.09	Off	5
		233		0.5			0.81	7	1.32	1.28	1.31	1.33	0.21	1.10	Off	5
							0.36	6					0.21	1.09		
													0.21	1.07		
20:21:26	1612.00	210	8.6	0.2	151	2	0.00	6	1.32	1.28	1.31	1.32	0.21	1.06	Off	5
	1627.00		8.6		151		0.00	6					0.20	1.05		
							0.00	6					0.20	1.04		
													0.20	1.03		
													0.20	1.01		
20:21:27	1647.00	233	8.6	0.2	151	2	0.00	6	1.32	1.28	1.31	1.33	0.20	1.00	Off	5
		233		0.0		2	0.00	6	1.32	1.28	1.31	1.33	0.20	1.00	Off	5
							0.00	6					0.20	0.99		
													0.19	0.98		
20:21:28	1662.00	234	9.0	0.0	151	2	0.00	6	1.31	1.28	1.31	1.33	0.19	0.98	Off	5
	1682.00				151		0.00	6					0.20	0.98		
							0.00	6					0.19	0.98		
													0.19	0.98		
													0.19	0.98		
20:21:29	1697.00	234	9.0	0.0	151	2	0.00	6	1.31	1.28	1.31	1.33	0.19	0.98	Off	5
		233	18.0	0.0		1	-0.27	6	1.32	1.28	1.31	1.33	0.19	0.98	Off	5
							-0.63	6					0.19	0.97		
													0.19	0.96		
20:21:30	1717.00	233	8.6	0.0	151	0	-0.90	6	1.32	1.29	1.31	1.33	0.19	0.95	Off	5
	1737.00						-0.99	6					0.19	0.95		
							-0.90	6					0.19	0.96		
													0.19	0.97		
													0.19	0.97		
20:21:31	1757.00	214	9.0	0.0	151	-1	-0.81	6	1.32	1.28	1.31	1.32	0.19	0.96	Off	5
		234	9.4	0.1	151	-2	-0.72	6	1.32	1.29	1.31	1.33	0.19	0.97		5
							-0.72	6					0.19	0.96		
													0.19	0.98		
20:21:32	1782.00	234	9.4	0.0	150	-3	-0.45	6	1.32	1.28	1.31	1.33	0.19	0.97	Off	5
							-0.45	6					0.19	0.97	Off	
							-0.27	6					0.19	0.97		
													0.19	0.97		

Local Time (ref. CVR)	MSL Alt. (FEET)	IAS (KNOTS)	Pitch Angle (degrees)	Elevator Position Right (degrees)	Mag. Heading (degrees)	Roll Angle (degrees)	Rudder Position (upper) (degrees)	Angle of Attack (degrees)	EPR Engine 1 (ratio)	EPR Engine 2 (ratio)	EPR Engine 3 (ratio)	EPR Engine 4 (ratio)	Long. Accel (g)	Vert. Accel. (g)	VHF	Pitch Trim Stal Pos (degrees
													0.19	0.98		
20:21:33	1797.00	234	9.4	0.0	150	-3	-0.18	6	1.32	1.28	1.31	1.33	0.19	0.98	Off	5
	1822.00		9.4	0.0	150	-4	-0.18	6	1.32	1.29	1.31	1.33	0.19	0.97		5
							-0.18	6					0.19	0.96		
													0.19	0.94		
20:21:34	1842.00	234	9.4	0.0	150	-4	-0.09	6	1.32	1.29	1.31	1.33	0.19	0.94	Off	5
		234					-0.09	6					0.19	0.95	Off	
							0.00	5					0.19	0.94		
													0.19	0.94		
													0.19	0.94		
20:21:35	1867.00	234	8.6	0.2	150	-4	0.00	6	1.32	1.29	1.31	1.33	0.18	0.92	Off	4
	1887.00		9.0	0.0	150	-4	0.36	5	1.32	1.29	1.31		0.19	0.91		4
							0.63	5					0.19	0.91		
													0.18	0.90		
20:21:36	1907.00	211	8.6	0.1	150	-4	0.54	5	1.32	1.29	1.31	1.33	0.18	0.89	Off	4
		234					0.54	5				1.33	0.18	0.89	Off	
							0.90						0.18	0.89		
													0.18	0.90		
													0.19	0.90		
20:21:37	1927.00	234	8.6	0.1	150	-3	1.08	5	1.32	1.29	1.31	1.33	0.18	0.89	Off	4
	1947.00		8.3	0.3	150	-2	1.08	5	1.32	1.29			0.18	0.88		4
							1.08	5					0.18	0.88		
								5					0.18	0.88		
20:21:38	1967.00	236	7.9	0.5	150	-1	0.90	5	1.32	1.51	1.31	1.33	0.18	0.88	Off	4
		236					0.90	5			1.31	1.33	0.18	0.88	Off	
							0.81						0.18	0.88		
													0.18	0.89		
													0.19	0.90		
20:21:39	1987.00	236	7.9	0.4	150	0	0.90	5	1.32	1.29	1.31	1.33	0.18	0.90	Off	4
	2002.00		7.9	0.4	150	0	0.90	6	1.32				0.18	0.89		4
							0.90	5					0.18	0.89		
								6					0.18	0.89		
20:21:40	2022.00	236	7.6	0.5	150	1	1.08	5	1.31	1.29	1.31	1.33	0.18	0.89	Off	4
		215					1.08	5		1.28	1.31	1.33	0.18	0.88	Off	
													0.18	0.89		
													0.18	0.89		
													0.18	0.90		
20:21:41	2032.00	237	7.6	0.7	150	1	0.99	5	1.31	1.28	1.31	1.32	0.18	0.91	Off	4
	2047.00		7.9	0.8	150	1	0.90	5					0.18	0.92		4
							0.72	5					0.18	0.91		
							0.54	5					0.18	0.92		
20:21:42	2062.00	236	8.3	0.7	150	1	0.45	6	1.31	1.51	1.31	1.32	0.18	0.93	Off	5
		236					0.45	6	1.31	1.28	1.31	1.32	0.19	0.93	Off	
													0.19	0.96		
													0.19	0.98		
														0.99		
20:21:43	2077.00	237	8.3	0.5	150	1	0.45	6	1.31	1.28	1.31	1.33	0.20	1.01	Off	5
	2092.00		8.6	0.2	149	1	0.45	6					0.20	1.02		5
							0.45	6					0.20	1.00		
							0.45						0.20	0.99		
													0.20			
20:21:44	2107.00	237	8.3	0.4	150	1	0.36	6	1.32	1.29	1.31	1.33	0.20	0.98	Off	4
		238					0.36	6	1.32	1.29	1.31	1.33	0.20	0.98	Off	
								6					0.19	0.97		
													0.20	0.97		
20:21:45	2122.00	238	8.3	0.2	149	1	0.27	6	1.32	1.28	1.31	1.33	0.20	0.95	Off	4
	2102.00		7.9	0.5	147	0	0.27	6					0.19	0.94		4
							0.18	6					0.19	0.94		
							0.18						0.20	0.93		
													0.19	0.93		
20:21:46	2157.00	238	7.9	0.4	149	0	0.18	5	1.32	1.29	1.31	1.33	0.19	0.92	Off	4
		238					0.00	5	1.32	1.28	1.31	1.33	0.19	0.92	Off	
								5					0.19	0.91		
													0.19	0.91		
20:21:47	2172.00	240	7.9	0.4	149	0	0.09	5	1.31	1.28	1.31	1.32	0.19	0.92	Off	4
	2192.00		7.6	0.2	149	-1	0.18	5					0.19	0.92		4
							0.18	5					0.19	0.92		
													0.19	0.91		
													0.19	0.91		
20:21:48	2207.00	240	7.6	0.2	149	-1	0.18	5	1.32	1.28	1.31	1.33	0.19	0.92	Off	4
		240					0.18	5	1.31	1.28	1.31	1.33	0.19	0.91	Off	
							0.27	5					0.19	5.19		
													0.19	0.90		
20:21:49	2222.00	240	7.2	0.0	149	-1	0.27	5	1.32	1.28	1.31	1.33	0.18	0.89	Off	4
	2242.00		7.2	0.2	149	-1	0.27	5					0.18	0.89		4
							0.36	5					0.18	0.88		
													0.19	0.89		
														0.90		
20:21:50	2222.00	242	6.8	0.2	147	-1	0.36	5	1.32	1.28	1.31	1.33	0.19	0.89	Off	4
		241					0.45	5	1.31	1.28	1.31	1.33	0.19	0.89	Off	
							0.54	5					0.18	0.89		
													0.19	0.90		
													0.19			
20:21:51	2267.00	242	6.5	0.2	149	-1	0.54	5	1.31	1.28	1.31	1.33	0.19	0.91	Off	4
	2282.00		6.5	0.1	149	-1	0.54	5					0.19	0.91		4
							0.54	5					0.19	0.91		
													0.19	0.91		
20:21:52	2292.00	244	6.5	0.1	149	-1	0.54	5	1.31	1.28	1.31	1.32	0.19	0.91	Off	4
		244					0.54	5	1.32	1.28	1.31	1.33	0.19	0.92	Off	
							0.45	5					0.19	0.92		
													0.19	0.93		
													0.19	0.94		
20:21:53	2302.00	245	6.5	0.0	149	-2	0.45	5	1.32	1.28	1.31	1.33	0.19	0.94	Off	4
	2312.00		6.5	0.2	149	-2	0.45	5					0.19	0.94		4
							0.45	5					0.19	0.95		
													0.19	0.96		
20:21:54	2327.00	245	6.5	0.4	149	-1	0.45	5	1.32	1.28	1.31	1.33	0.20	0.96	Off	4
		246					0.45	5	1.31	1.28	1.31	1.33	0.20	0.97	Off	
							0.45	5					0.19	0.97		
													0.20	0.97		
													0.20	0.97		
20:21:55	2317.00	246	6.8	0.2	146	-1	0.45	5	1.29	1.28	1.30	1.32	0.19	0.97	Off	4
	2352.00		6.8	0.4	149	0	0.54	5					0.19	0.97		
							0.45	5					0.19	0.96		
													0.19	0.97		
20:21:56	2362.00	247	7.2	0.4	149	-1	0.54	5	1.29	1.27	1.29	1.31	0.19	0.98	Off	4
		247					0.54	5	1.28	1.26	1.29	1.31	0.19	0.99	Off	4
							0.54	5					0.19	0.99		
													0.19	0.98		
													0.19	0.98		
20:21:57	2377.00	247	7.2	0.5	148	-1	0.54	5	1.27	1.26	1.28	1.30	0.19	0.99	Off	4
	2392.00		7.6	0.4	148	-1	0.54	5					0.19	1.00		

Local Time (ref. CVR)	MSL Alt. (FEET)	IAS (KNOTS)	Pitch Angle (degrees)	Elevator Position Right (degrees)	Mag. Heading (degrees)	Roll Angle (degrees)	Rudder Position (upper) (degrees)	Angle of Attack (degrees)	EPR Engine 1 (ratio)	EPR Engine 2 (ratio)	EPR Engine 3 (ratio)	EPR Engine 4 (ratio)	Long. Accel (g)	Vert. Accel. (g)	VHF	Pitch Trim Stal Pos (degrees
							0.54	5					0.19	1.00		
													0.19	1.00		
20:21:58	2412.00	248	7.6	0.4	148	-1	0.54	5	1.27	1.26	1.28	1.30	0.19	1.00	Off	4
		248					0.54	5	1.26	1.26	1.28	1.30	0.19	1.00	Off	4
							0.54	5					0.19	1.00		
													0.19	1.00		
													0.19	0.99		
20:21:59	2427.00	248	7.6	0.2	148	-1	0.54	6	1.26	1.25	1.27	1.30	0.19	0.98	Off	4
	2422.00		7.6	0.3	146	-1	0.63	5					0.19	0.98		
							0.63	5					0.19	0.98		
													0.19	0.99		
20:22:00	2457.00	248	7.9	0.0	148	-1	0.54	5	1.26	1.25	1.27	1.29	0.19	1.00	Off	4
		248					0.54	5	1.25	1.25	1.27	1.29	0.19	0.99	Off	4
							0.54	5					0.18	0.98		
													0.18	0.98		
													0.18	0.99		
20:22:01	2477.00	248	7.9	0.0	148	-1	0.54	5	1.25	1.25	1.27	1.29	0.18	0.98	Off	4
	2492.00		7.9	0.1	148	-1	0.54	5					0.18	0.98		
							0.54	5					0.18	0.98		
													0.18	0.98		
20:22:02	2512.00	248	7.9	0.2	148	-1	0.54	5	1.25	1.25	1.26	1.28	0.18	0.98	Off	4
		248					0.54	5	1.25	1.25	1.26	1.28	0.18	0.98	Off	4
							0.54	5					0.18	0.98		
													0.18	0.97		
													0.18	0.97		
20:22:03	2532.00	249	7.6	0.0	148	0	0.54	5	1.25	1.25	1.26	1.28	0.18	0.96	Off	4
	2557.00		7.2	0.2	148	-1	0.54	5					0.18	0.96		
							0.54	5					0.18	0.94		
													0.17	0.93		
20:22:04	2572.00	249	7.6	0.0	145	-1	0.54	4	1.25	1.25	1.26	1.27	0.17	0.92	Off	4
		250					0.54	4	1.25	1.25	1.26	1.27	0.17	0.92	Off	4
							0.54	5					0.17	0.92		
													0.17	0.92		
													0.17	0.92		
20:22:05	2592.00	250	7.6	0.3	147	-1	0.54	5	1.25	1.24	1.26	1.26	0.17	0.93	Off	4
	2612.00		7.6		147	-1	0.54	5					0.17	0.95		
							0.54	5					0.18	0.96		
													0.17	0.96		
20:22:06	2627.00	250	7.9	0.4	147	-2	0.54	5	1.25	1.24	1.26	1.26	0.18	0.97	Off	4
		250		0.4			0.54	5	1.25	1.24	1.26	1.26	0.18	0.97	Off	4
							0.54	5					0.18	0.98		
													0.18	0.98		
														0.98		
20:22:07	2652.00	250	7.9	0.4	147	-3	0.54	5	1.25	1.24	1.26	1.25	0.18	0.98	On	4
	2672.00		7.9		147	-4	0.54	5					0.18	0.98		
							0.54	5					0.18	0.98		
													0.18	0.98		
													0.18			
20:22:08	2697.00	246	7.9	0.5	147	-5	0.54	5	1.25	1.24	1.26	1.25	0.18	0.97	On	4
		250		0.3			0.54	5	1.25	1.24	1.26	1.25	0.17	0.97	On	4
							0.63	5					0.17	0.96		
													0.18	0.96		
20:22:09	2717.00	227	8.3	0.2	147	-6	0.72	5	1.25	1.24	1.26	1.25	0.17	0.96	On	4
	2737.00		8.3		146		0.72	4					0.17	0.97		
							0.72	5					0.18	0.97		
													0.17	0.97		
													0.17	0.97		
20:22:10	2757.00	250	8.3	0.4	146	-7	0.72	4	1.25	1.24	1.26	1.25	1.43	0.97	On	4
		250		0.3		-8	0.72	4	1.25	1.24	1.26	1.25	0.17	0.96	On	4
							0.72	4					0.17	0.95		
													0.17	0.94		
20:22:11	2782.00	250	8.3	0.4	145	-9	0.72	4	1.25	1.24	1.26	1.25	0.17	0.93	Off	4
	2802.00				145		0.72	4					0.17	0.93		
							0.72	4					0.17	0.95		
													0.17	0.96		
													0.17	0.97		
20:22:12	2822.00	250	8.3	0.4	144	-10	0.72	5	1.25	1.24	1.26	1.25	0.18	0.97	Off	4
		250	8.3	0.4		-10	0.72	4	1.25	1.24	1.26	1.25	0.17	0.97	Off	4
							0.72	4					0.18	0.97		
													0.18	0.97		
20:22:13	2842.00	250	7.9	0.1	144	-11	0.72	5	1.25	1.24	1.26	1.25	0.17	0.97	Off	4
	2862.00						0.72	5					0.17	0.97		
							0.72	5					0.18	0.97		
													0.17	0.96		
													0.17	0.96		
20:22:14	2887.00	228	8.3	0.2	143	-12	0.72	4	1.25	1.24	1.26	1.25	0.17	0.95	Off	4
		250	7.9	0.1	143	-13	0.63	4	1.25	1.25	1.26	1.25	0.17	0.94		4
							0.63	4					0.17	0.94		
													0.17	0.93		
20:22:15	2907.00	250	7.9	0.1	142	-14	0.54	4	1.25	1.25	1.26	1.25	0.17	0.93	Off	4
							0.54	4					0.17	0.93	Off	
							0.54	4					0.17	0.94		
													0.17	0.94		
													0.17	0.93		
20:22:16	2927.00	250	7.6	0.1	141	-14	0.54	4	1.25	1.25	1.26	1.25	0.17	0.93	Off	4
	2947.00		7.6	0.0	141	-15	0.54	4	1.25	1.25	1.26	1.25	0.17	0.93		4
							0.54	4					0.17	0.94		
													0.17	0.94		
20:22:17	2967.00	250	7.6	0.1	140	-15	0.63	4	1.25	1.25	1.26	1.25	0.17	0.93	Off	4
		247					0.63	4					0.17	0.93	Off	
							0.63	5					0.17	0.93		
													0.17	0.94		
													0.17	0.94		
20:22:18	2987.00	250	7.2	0.4	139	-15	0.63	5	1.25	1.25	1.25	1.25	0.17	0.94	Off	4
	3007.00		7.2	0.2	139	-17	0.63	4	1.25	1.25	1.25		0.17	0.94		4
							0.63	4					0.17	0.94		
													0.17	0.95		
20:22:19	3027.00	230	7.2	0.0	138	-17	0.54	4	1.25	1.25	1.25	1.25	0.17	0.95	Off	4
		250					0.54	4				1.25	0.17	0.95	Off	
							0.54						0.17	0.96		
													0.17	0.95		
													0.17	0.95		
20:22:20	3042.00	251	7.2	0.1	137	-18	0.63	4	1.25	1.25	1.25	1.25	0.17	0.95	Off	4
	3057.00		6.8	0.3	136	-18	0.54	4	1.25	1.25			0.17	0.94		4
							0.54	4					0.17	0.94		
								4					0.17	0.95		
20:22:21	3077.00	251	6.8	0.1	135	-18	0.54	4	1.25	1.25	1.25	1.25	0.17	0.95	Off	4
		252					0.63	4			1.25	1.25	0.17	0.95	Off	
							0.63						0.17	0.95		
													0.17	0.95		
													0.17	0.96		
20:22:22	3092.00	250	6.5	0.3	134	-19	0.63	4	1.25	1.25	1.25	1.25	0.17	0.96	Off	4

Local Time (ref. CVR)	MSL Alt. (FEET)	IAS (KNOTS)	Pitch Angle (degrees)	Elevator Position Right (degrees)	Mag. Heading (degrees)	Roll Angle (degrees)	Rudder Position (upper) (degrees)	Angle of Attack (degrees)	EPR Engine 1 (ratio)	EPR Engine 2 (ratio)	EPR Engine 3 (ratio)	EPR Engine 4 (ratio)	Long. Accel (g)	Vert. Accel. (g)	VHF	Pitch Trim Stab Pos (degrees
	3107.00		6.1	0.5	134	-18	0.63	4	1.25				0.17	0.96		4
							0.63	4					0.17	0.96		
								5					0.17	0.97		
20:22:23	3122.00	250	6.5	0.6	132	-19	0.63	4	1.25	1.25	1.25	1.25	0.17	0.98	Off	4
		232					0.63	4		1.25	1.25	1.25	0.17	0.98	Off	
													0.17	0.98		
													0.17	0.98		
													0.17	0.99		
20:22:24	3132.00	253	6.5	0.5	131	-20	0.54	4	1.25	1.25	1.25	1.25	0.17	1.00	Off	4
	3147.00		6.5	0.4	130	-20	0.54	4					0.17	1.00		4
							0.54	4					0.17	1.01		
							0.54	5					0.17	1.01		
20:22:25	3157.00	254	6.5	0.4	130	-21	0.54	5	1.25	1.25	1.25	1.25	0.18	1.02	Off	4
		254					0.54	4	1.25	1.25	1.25	1.25	0.18	1.01	Off	
													0.17	1.01		
													0.17	1.01		
														1.00		
20:22:26	3172.00	254	6.5	0.3	129	-21	0.54	4	1.25	1.25	1.25	1.25	0.17	0.99	Off	4
	3187.00		6.5	0.4	128	-21	0.54	4					0.17	0.99		4
							0.54	4					0.17	0.99		
							0.54						0.17	0.99		
													0.17			
20:22:27	3197.00	254	6.5	0.3	127	-22	0.54	5	1.25	1.25	1.25	1.25	0.17	0.99	Off	4
		255					0.54	4	1.25	1.25	1.25	1.25	0.17	0.99	Off	
								5					0.17	1.00		
													0.17	1.01		
20:22:28	3212.00	237	6.5	0.4	126	-23	0.54	4	1.25	1.25	1.25	1.25	0.17	1.01	Off	4
	3227.00		6.5	0.5	125	-23	0.54	4					0.17	1.02		4
							0.54	4					0.17	1.02		
							0.54						0.18	1.03		
													0.17	1.04		
20:22:29	3242.00	256	6.5	0.4	123	-23	0.54	5	1.25	1.25	1.25	1.25	0.18	1.04	Off	4
		256					0.63	4	1.25	1.25	1.25	1.25	0.18	1.04	Off	
								4					0.17	1.04		
													0.18	1.04		
20:22:30	3257.00	256	6.5	0.4	122	-23	0.63	4	1.25	1.25	1.25	1.24	0.17	1.04	Off	4
	3267.00		6.5	0.1	121	-24	0.54	4					0.17	1.03		4
							0.63	4					0.17	1.04		
													0.17	1.03		
													0.17	1.04		
20:22:31	3282.00	256	6.5	0.4	120	-24	0.63	4	1.25	1.25	1.25	1.25	0.17	1.04	Off	4
		256					0.63	4	1.25	1.25	1.25	1.25	0.17	1.04	Off	
							0.63	4					0.18	1.04		
													0.17	1.04		
20:22:32	3297.00	257	6.5	0.4	119	-24	0.54	4	1.25	1.25	1.25	1.25	0.17	1.04	Off	4
	3312.00		6.5	0.4	118	-24	0.54	5					0.17	1.03		4
							0.54	4					0.17	1.03		
													0.17	1.04		
														1.03		
20:22:33	3327.00	258	6.5	0.2	117	-24	0.54	4	1.25	1.25	1.25	1.25	0.17	1.03	Off	4
		258					0.54	4	1.25	1.25	1.25	1.25	0.17	1.03	Off	
							0.54	4					0.17	1.03		
													0.17	1.04		
													0.17			
20:22:34	3342.00	258	6.5	0.3	116	-24	0.54	4	1.25	1.25	1.25	1.25	0.17	1.04	Off	4
	3357.00		6.5	0.4	114	-25	0.54	4					0.17	1.04		4
							0.54	4					0.17	1.04		
													0.17	1.04		
20:22:35	3367.00	258	6.5	0.4	113	-25	0.54	4	1.25	1.25	1.25	1.24	0.17	1.04	Off	5
		258					0.54	4	1.25	1.25	1.25	1.25	0.17	1.04	On	
							0.54	4					0.17	1.04		
													0.17	1.05		
													0.17	1.05		
20:22:36	3387.00	259	6.5	0.5	112	-26	0.54	4	1.25	1.25	1.25	1.25	0.17	1.06	On	5
	3402.00		6.8	0.5	111	-26	0.54	4					0.17	1.06		5
							0.54	4					0.17	1.05		
													0.17	1.06		
20:22:37	3412.00	259	6.8	0.5	109	-26	0.54	5	1.25	1.25	1.25	1.25	0.17	1.08	On	5
		260					0.54	4	1.25	1.25	1.25	1.25	0.18	1.09	On	
							0.54	4					0.18	1.09		
													0.18	1.09		
													0.18	1.10		
20:22:38	3492.00	260	6.8	0.4	104	-26	0.54	4	1.25	1.25	1.25	1.25	0.18	1.10	On	5
	3447.00		7.2	0.5	107	-27	0.54	5					0.18	1.09		
							0.54	4					0.18	1.09		
													0.18	1.10		
20:22:39	3462.00	260	7.2	0.2	106	-27	0.54	5	1.25	1.25	1.25	1.25	0.18	1.10	On	5
		260					0.54	4	1.25	1.25	1.25	1.24	0.18	1.10	Off	5
							0.54	4					0.18	1.10		
													0.18	1.10		
													0.18	1.09		
20:22:40	3482.00	260	7.2	0.4	104	-27	0.54	4	1.25	1.25	1.25	1.25	0.18	1.10	Off	5
	3497.00		7.2	0.2	103	-27	0.63	5					0.18	1.10		
							0.63	4					0.18	1.11		
													0.18	1.12		
20:22:41	3517.00	260	7.2	0.3	102	-27	0.63	5	1.25	1.25	1.25	1.25	0.18	1.11	Off	5
		259					0.63	4	1.25	1.25	1.25	1.25	0.18	1.10	Off	5
							0.54	4					0.18	1.09		
													0.17	1.10		
													0.17	1.09		
20:22:42	3537.00	260	7.2	0.2	101	-27	0.54	4	1.25	1.25	1.25	1.25	0.17	1.09	Off	5
	3627.00		7.2	0.4	95	-27	0.54	4					0.17	1.07		
							0.54	4					0.17	1.05		
													0.17	1.04		
20:22:43	3577.00	262	7.6	0.4	98	-27	0.63	4	1.25	1.25	1.25	1.25	0.17	1.06	Off	5
		262					0.54	4	1.25	1.25	1.25	1.25	0.17	1.07	Off	5
							0.63	4					0.17	1.08		
													0.17	1.07		
													0.17	1.07		
20:22:44	3597.00	262	7.6	0.2	97	-27	0.54	4	1.25	1.25	1.25	1.25	0.17	1.07	Off	5
	3617.00		7.6	0.3	95	-26	0.63	4					0.17	1.10		
							0.54	4					0.17	1.11		
													0.17	1.11		
20:22:45	3637.00	262	7.6	0.2	94	-26	0.54	4	1.25	1.25	1.25	1.25	0.18	1.10	Off	5
		262					0.54	4	1.25	1.25	1.25	1.25	0.17	1.11	Off	5
							0.54	4					0.17	1.11		
													0.17	1.09		
													0.17	1.08		
20:22:46	3662.00	258	7.6	0.2	93	-26	0.54	4	1.25	1.25	1.25	1.25	0.17	1.08	Off	5
	3682.00		7.6	0.2	92	-26	0.54	4					0.17	1.10		
							0.54	4					0.17	1.09		
													0.17	1.09		

Local Time (ref. CVR)	MSL Alt. (FEET)	IAS (KNOTS)	Pitch Angle (degrees)	Elevator Position Right (degrees)	Mag. Heading (degrees)	Roll Angle (degrees)	Rudder Position (upper) (degrees)	Angle of Attack (degrees)	EPR Engine 1 (ratio)	EPR Engine 2 (ratio)	EPR Engine 3 (ratio)	EPR Engine 4 (ratio)	Long. Accel (g)	Vert. Accel. (g)	VHF	Pitch Trim Stal Pos (degrees
20:22:47	3767.00	258	7.6	0.2	86	-26	0.54	4	1.25	1.25	1.25	1.25	0.17	1.07	Off	5
		260					0.54	4	1.25	1.25	1.25	1.25	0.17	1.07	Off	5
							0.54	4					0.17	1.07		
													0.17	1.07		
													0.17	1.07		
20:22:48	3727.00	261	7.9	0.3	90	-26	0.45	4	1.25	1.25	1.25	1.25	0.17	1.06	Off	5
	3747.00		7.9		88	-26	0.54	4					0.17	1.07		
							0.54	4					0.17	1.08		
													0.17	1.08		
20:22:49	3772.00	262	8.3	0.4	87	-26	0.54	4	1.25	1.25	1.25	1.25	0.17	1.07	Off	5
		261		0.4			0.54	4	1.25	1.25	1.25	1.25	0.17	1.08	Off	5
							0.54	4					0.17	1.09		
													0.17	1.11		
														1.12		
20:22:50	3797.00	261	8.6	0.5	86	-26	0.54	4	1.25	1.25	1.25	1.25	0.18	1.13	Off	5
	3822.00		8.6		85	-26	0.54	4					0.18	1.13		
							0.54	5					0.18	1.12		
													0.18	1.13		
													0.18			
20:22:51	3847.00	258	8.6	0.4	84	-26	0.54	4	1.25	1.25	1.25	1.25	0.18	1.13	Off	5
		260		0.2			0.54	5	1.25	1.25	1.25	1.25	0.18	1.12	Off	5
							0.63	4					0.18	1.12		
													0.18	1.11		
20:22:52	3932.00	258	9.0	0.2	78	-26	0.54	4	1.25	1.25	1.25	1.25	0.18	1.11	Off	5
	3897.00		9.0		81		0.54	4					0.18	1.11		
							0.54	4					0.18	1.11		
													0.18	1.11		
													0.18	1.12		
20:22:53	3927.00	261	9.4	0.3	80	-26	0.63	4	1.25	1.25	1.25	1.25	0.18	1.11	Off	5
		261		0.0		-26	0.54	4	1.25	1.25	1.25	1.25	0.18	1.11	Off	5
							0.63	4					0.18	1.10		
													0.18	1.10		
20:22:54	3957.00	260	9.4	0.2	78	-26	0.63	4	1.25	1.25	1.25	1.25	0.18	1.11	Off	5
	3987.00				77		0.63	4					0.17	1.11		
							0.63	4					0.17	1.09		
													0.17	1.07		
													0.17	1.06		
20:22:55	4017.00	258	9.4	0.1	76	-26	0.63	4	1.25	1.25	1.25	1.25	0.17	1.07	On	4
		258	9.0	0.2		-26	0.63	4	1.25	1.25	1.25	1.25	0.17	1.07	On	4
							0.63	4					0.17	1.06		
													0.17	1.04		
20:22:56	4047.00	260	8.6	0.2	75	-25	0.54	5	1.25	1.25	1.25	1.25	0.16	1.02	On	4
	4137.00						0.54	4					0.16	1.02		
							0.54	4					0.16	1.01		
													0.16	1.02		
													0.16	1.01		
20:22:57	4107.00	256	8.6	0.2	70	-27	0.54	4	1.26	1.25	1.25	1.25	0.16	1.00	Off	4
		260	8.6	0.2	73	-27	0.54	4	1.25	1.25	1.25	1.25	0.16	1.00		4
							0.63	4					0.16	1.01		
													0.16	1.02		
20:22:58	4137.00	260	8.6	0.4	72	-27	0.63	4	1.25	1.25	1.25	1.25	0.16	1.02	Off	4
							0.54	4					0.16	1.01	Off	
							0.72	4					0.16	1.01		
													0.16	1.02		
													0.16	1.01		
20:22:59	4172.00	260	8.6	0.4	71	-27	0.63	4	1.26	1.25	1.25	1.25	0.16	1.00	Off	4
	4197.00		8.6	0.3	69	-27	0.63	4	1.26	1.25	1.25	1.25	0.16	1.00		4
							0.63	4					0.17	1.01		
													0.17	1.04		
20:23:00	4222.00	260	9.0	0.1	68	-26	0.63	4	1.26	1.25	1.25	1.25	0.17	1.06	Off	5
		258					0.63	4					0.17	1.06	Off	
							0.63	5					0.17	1.07		
													0.17	1.06		
													0.17	1.05		
20:23:01	4252.00	258	8.6	0.2	67	-25	0.63	5	1.26	1.25	1.25	1.25	0.17	1.06	Off	4
	4277.00		8.6	0.4	66	-26	0.63	4	1.26	1.25	1.25		0.17	1.07		5
							0.54	4					0.17	1.08		
													0.17	1.07		
20:23:02	4307.00	237	8.6	0.2	64	-26	0.54	4	1.26	1.25	1.25	1.25	0.17	1.06	Off	5
		256					0.54	4				1.25	0.17	1.06	Off	
							0.54						0.17	1.06		
													0.17	1.05		
													0.17	1.06		
20:23:03	4332.00	254	9.0	0.2	63	-26	0.54	4	1.26	1.25	1.25	1.25	0.17	1.05	Off	5
	4362.00		8.6	0.2	62	-24	0.54	4	1.26	1.25			0.17	1.04		5
							0.54	4					0.16	1.03		
								4					0.17	1.03		
20:23:04	4392.00	259	9.0	0.2	61	-23	0.54	4	1.26	1.25	1.25	1.25	0.17	1.04	Off	5
		258					0.54	4			1.25	1.25	0.17	1.04	Off	
							0.54						0.17	1.04		
													0.17	1.04		
													0.17	1.04		
20:23:05	4422.00	256	9.4	0.2	60	-22	0.54	4	1.26	1.26	1.26	1.25	0.17	1.05	Off	5
	4447.00		8.6	0.2	59	-20	0.54	4	1.26				0.17	1.03		5
							0.54	5					0.17	1.03		
								4					0.17	1.04		
20:23:06	4477.00	258	9.4	0.3	58	-19	0.54	5	1.26	1.26	1.26	1.25	0.17	1.04	Off	5
		236					0.54	5		1.26	1.26	1.26	0.17	1.06	Off	
													0.17	1.06		
													0.18	1.07		
20:23:07	4502.00	258	9.4	0.2	57	-18	0.54	5	1.26	1.26	1.26	1.26	0.17	1.07	Off	5
	4532.00		9.4	0.0	57	-17	0.54	5					0.18	1.07		5
							0.45	5					0.17	1.08		
							0.45	5					0.18	1.08		
20:23:08	4562.00	256	9.7	0.0	56	-16	0.36	5	1.26	1.26	1.26	1.26	0.17	1.07	Off	5
		256					0.36	5	1.26	1.26	1.26	1.26	0.18	1.06	Off	
													0.18	1.06		
													0.17	1.06		
														1.04		
20:23:09	4592.00	256	9.7	0.0	55	-15	0.36	4	1.26	1.26	1.26	1.26	0.17	1.00	Off	5
	4627.00		10.1	0.3	55	-14	0.36	4					0.17	0.98		5
							0.36	5					0.16	0.99		
							0.36						0.17	1.01		
													0.16			
20:23:10	4662.00	252	9.7	0.0	54	-13	0.36	5	1.26	1.26	1.26	1.26	0.17	1.01	Off	5
		255					0.36	5	1.26	1.26	1.26	1.26	0.17	1.01	Off	
								5					0.17	1.01		
													0.17	1.02		
20:23:11	4692.00	235	10.4	0.3	54	-13	0.36	5	1.26	1.26	1.26	1.26	0.17	1.02	Off	5
	4727.00		10.8	0.3	54	-12	0.36	5					0.17	1.04		5
							0.36	5					0.17	1.03		

Local Time (ref. CVR)	MSL Alt. (FEET)	IAS (KNOTS)	Pitch Angle (degrees)	Elevator Position Right (degrees)	Mag. Heading (degrees)	Roll Angle (degrees)	Rudder Position (upper) (degrees)	Angle of Attack (degrees)	EPR Engine 1 (ratio)	EPR Engine 2 (ratio)	EPR Engine 3 (ratio)	EPR Engine 4 (ratio)	Long. Accel (g)	Vert. Accel. (g)	VHF	Pitch Trim Stal Pos (degrees
							0.36						0.17	1.03		
													0.17	1.02		
20:23:12	4767.00	255	10.8	0.1	53	-10	0.36	5	1.26	1.26	1.26	1.26	0.17	1.02	Off	5
		254					0.45	5	1.27	1.26	1.26	1.26	0.17	1.02	Off	
								5					0.17	1.01		
													0.17	1.02		
20:23:13	4807.00	254	11.2	0.0	53	-9	0.54	5	1.27	1.26	1.26	1.26	0.17	1.02	Off	5
	4847.00		11.2	0.2	53	-7	0.63	5					0.17	1.03		4
							0.72	4					0.17	1.03		
													0.17	1.02		
													0.17	1.01		
20:23:14	4882.00	253	11.2	0.1	53	-5	0.72	5	1.27	1.26	1.26	1.26	0.17	1.00	Off	4
		250					0.81	4	1.27	1.26	1.27	1.26	0.17	1.00	Off	
							0.81	4					0.17	0.98		
													0.17	0.97		
20:23:15	4922.00	252	11.2	0.1	52	-3	0.72	4	1.27	1.26	1.27	1.27	0.16	0.96	Off	4
	4957.00		11.2	0.3	52	-3	0.72	5					0.16	0.97		4
							0.72	4					0.16	0.97		
													0.16	0.97		
														0.93		
20:23:16	4997.00	230	11.2	0.0	52	-3	0.63	4	1.27	1.27	1.27	1.27	0.16	0.92	Off	4
		251					0.54	4	1.27	1.27	1.27	1.27	0.16	0.92	Off	
							0.54	4					0.16	0.92		
													0.16	0.93		
													0.16			
20:23:17	5037.00	250	11.2	0.1	52	-3	0.45	4	1.27	1.27	1.27	1.27	0.16	0.93	Off	4
	5077.00		10.8	0.2	52	-3	0.45	4					0.16	0.92		4
							0.45	4					0.16	0.92		
													0.16	0.92		
20:23:18	5117.00	250	10.8	0.0	52	-3	0.54	4	1.27	1.27	1.27	1.27	0.16	0.91	Off	4
		250					0.54	4	1.27	1.27	1.27	1.27	0.16	0.90	Off	
							0.63	4					0.16	0.90		
													0.16	0.89		
													0.16	0.89		
20:23:19	5157.00	250	10.4	0.1	52	-2	0.72	4	1.27	1.27	1.27	1.27	0.16	0.88	Off	4
	5192.00		10.4	0.0	52	-2	0.72	4					0.15	0.87		4
							0.72	4					0.16	0.87		
													0.16	0.87		
20:23:20	5227.00	248	10.1	0.0	52	-1	0.72	5	1.27	1.27	1.27	1.27	0.15	0.86	Off	4
		229					0.72	4	1.27	1.27	1.27	1.27	0.16	0.86	Off	
							0.72	4					0.16	0.85		
													0.15	0.85		
													0.16	0.86		
20:23:21	5262.00	248	9.7	0.0	52	-1	0.72	4	1.27	1.27	1.27	1.27	0.16	0.86	Off	4
	5297.00		9.4	0.2	52	-1	0.72	4					0.16	0.86		
							0.63	4					0.16	0.86		
													0.15	0.85		
20:23:22	5332.00	248	9.4	0.4	52	-1	0.72	4	1.27	1.27	1.27	1.27	0.15	0.84	Off	4
		248					0.72	4	1.28	1.27	1.27	1.27	0.15	0.84	On	4
							0.72	4					0.15	0.84		
													0.16	0.85		
20:23:23	5362.00	247	9.0	0.4	52	-1	0.72	4	1.28	1.27	1.27	1.28	0.16	0.84	On	4
	5387.00		9.0	0.4	52	-1	0.72	4					0.15	0.84		
							0.72	4					0.15	0.84		
													0.16	0.85		
20:23:24	5417.00	247	8.6	45.7	52	-1	0.72	4	1.28	1.27	1.28	1.28	0.16	0.86	On	4
		246					0.72	4	1.28	1.27	1.28	1.28	0.16	0.86	On	4
							0.72	5					0.16	0.87		
													0.16	0.89		
													0.16	0.88		
20:23:25	5447.00	246	8.3	0.3	52	0	0.63	4	1.28	1.28	1.28	1.28	0.16	0.87	On	4
	5447.00		8.3	0.2	49	0	0.63	4					0.16	0.87		
							0.63	4					0.16	0.87		
													0.16	0.86		
20:23:26	5497.00	246	8.3	0.3	52	1	0.72	4	1.28	1.28	1.28	1.28	0.16	0.86	Off	4
		246					0.63	4	1.28	1.28	1.28	1.28	0.16	0.85	Off	4
							0.63	4					0.15	0.85		
													0.16	0.86		
													0.16	0.86		
20:23:27	5522.00	246	7.9	0.5	52	1	0.63	4	1.28	1.28	1.28	1.27	0.16	0.87	Off	4
	5542.00		7.9	0.5	52	1	0.63	4					0.16	0.87		
							0.63	4					0.16	0.87		
													0.16	0.88		
20:23:28	5567.00	246	7.6	0.5	52	1	0.63	4	1.28	1.28	1.28	1.28	0.16	0.88	Off	4
		247					0.63	4	1.28	1.28	1.28	1.28	0.16	0.89	Off	4
							0.72	5					0.16	0.89		
													0.16	0.89		
													0.16	0.90		
20:23:29	5587.00	248	7.6	0.4	52	1	0.63	4	1.28	1.28	1.28	1.28	0.16	0.90	Off	4
	5607.00		7.2	0.4	52	1	0.63	5					0.16	0.89		
							0.63	4					0.16	0.89		
													0.16	0.89		
20:23:30	5592.00	248	7.2	0.5	49	2	0.63	4	1.28	1.28	1.28	1.28	0.16	0.90	Off	4
		248					0.63	5	1.28	1.28	1.28	1.28	0.16	0.90	Off	4
							0.63	4					0.16	0.89		
													0.16	0.89		
													0.16	0.89		
20:23:31	5647.00	248	7.2	0.5	53	3	0.54	4	1.28	1.28	1.28	1.28	0.16	0.89	Off	4
	5662.00		6.8		53	4	0.54	5					0.16	0.89		
							0.54	4					0.16	0.88		
													0.16	0.89		
20:23:32	5677.00	248	6.5	0.4	53	4	0.54	5	1.28	1.28	1.28	1.28	0.16	0.90	Off	4
		248		0.5			0.54	5	1.28	1.28	1.28	1.28	0.16	0.90	Off	4
							0.54	4					0.16	0.91		
													0.16	0.92		
														0.92		
20:23:33	5697.00	248	6.5	0.5	53	6	0.54	5	1.28	1.28	1.28	1.28	0.16	0.91	Off	4
	5712.00		6.1		53	7	0.54	5					0.16	0.91		
							0.54	5					0.16	0.90		
													0.16	0.90		
													0.16			
20:23:34	5727.00	246	6.1	0.5	54	8	0.54	5	1.28	1.28	1.28	1.28	0.16	0.92	Off	4
		248		0.5			0.54	4	1.28	1.28	1.28	1.28	0.16	0.92	Off	4
							0.54	4					0.16	0.91		
													0.16	0.89		
20:23:35	5702.00	248	5.8	0.3	51	9	0.63	4	1.28	1.28	1.29	1.28	0.16	0.88	Off	4
	5762.00		5.8		54		0.63	4					0.16	0.88		
							0.63	4					0.16	0.86		
													0.15	0.86		
													0.15	0.85		
20:23:36	5772.00	248	5.8	0.5	54	10	0.72	4	1.28	1.28	1.29	1.28	0.15	0.85	Off	4

Local Time (ref. CVR)	MSL Alt. (FEET)	IAS (KNOTS)	Pitch Angle (degrees)	Elevator Position Right (degrees)	Mag. Heading (degrees)	Roll Angle (degrees)	Rudder Position (upper) (degrees)	Angle of Attack (degrees)	EPR Engine 1 (ratio)	EPR Engine 2 (ratio)	EPR Engine 3 (ratio)	EPR Engine 4 (ratio)	Long. Accel (g)	Vert. Accel. (g)	VHF	Pitch Trim Stal Pos (degrees
		248		0.5		12	0.72	4	1.28	1.28	1.29	1.28	0.15	0.86	Off	4
							0.63	4					0.15	0.86		
													0.15	0.87		
20:23:37	5777.00	250	5.8	0.5	55	13	0.54	4	1.28	1.28	1.29	1.28	0.16	0.88	Off	4
	5787.00				55		0.54	5					0.16	0.88		
							0.36	5					0.16	0.90		
													0.16	0.90		
													0.16	0.91		
20:23:38	5797.00	250	5.4	0.5	56	13	0.36	5	1.28	1.28	1.29	1.28	0.16	0.92	Off	4
		251	5.0	0.6		13	0.36	5	1.28	1.28	1.29	1.28	0.16	0.92	Off	4
							0.36	5					0.16	0.92		
													0.16	0.93		
20:23:39	5807.00	252	5.0	0.6	57	14	0.36	5	1.28	1.28	1.29	1.28	0.16	0.93	Off	4
	5772.00						0.36	4					0.16	0.93		
							0.36	4					0.16	0.93		
													0.16	0.93		
													0.16	0.92		
20:23:40	5822.00	252	5.0	0.5	54	14	0.45	4	1.28	1.28	1.28	1.28	0.16	0.91	Off	4
		251	4.7	0.6	58	15	0.54	5	1.28	1.28	1.29	1.28	0.16	0.92		28
							0.54	5					0.16	0.93		
													0.16	0.94		
20:23:41	5832.00	252	4.3	0.5	59	16	0.63	4	1.28	1.28	1.29	1.28	0.16	0.95	Off	4
							0.63	4					0.16	0.94	Off	
							0.72	4					0.16	0.95		
													0.16	0.96		
													0.16	0.95		
20:23:42	5842.00	252	4.3	0.5	59	17	0.81	4	1.28	1.28	1.29	1.28	0.16	0.94	On	4
	5847.00		4.3	0.7	60	18	0.90	4	1.28	1.28	1.29	1.28	0.16	0.94		4
							0.81	4					0.16	0.93		
													0.16	0.93		
20:23:43	5847.00	253	4.0	0.7	60	19	0.72	5	1.28	1.28	1.29	1.28	0.16	0.93	On	4
		254					0.72	4					0.16	0.93	On	
							0.63	5					0.16	0.93		
													0.16	0.93		
													0.16	0.93		
20:23:44	5852.00	254	3.6	0.7	61	19	0.63	5	1.28	1.28	1.29	1.28	0.16	0.94	On	4
	5812.00		4.0	0.6	59	20	0.54	4	1.28	1.28	1.29		0.16	0.94		4
							0.54	4					0.16	0.94		
													0.16	0.94		
20:23:45	5857.00	253	3.6	0.6	63	21	0.54	4	1.28	1.28	1.29	1.28	0.16	0.94	Off	4
		254					0.54	5				1.28	0.16	0.94	Off	
							0.54						0.16	0.95		
													0.16	0.95		
													0.16	0.95		
20:23:46	5857.00	256	3.6	0.6	64	21	0.54	4	1.27	1.28	1.28	1.28	0.16	0.96	Off	4
	5857.00		3.2	0.5	65	21	0.54	4	1.27	1.28			0.16	0.96		4
							0.54	4					0.16	0.96		
								4					0.16	0.96		
20:23:47	5862.00	257	3.2	0.6	66	21	0.54	4	1.27	1.28	1.28	1.28	0.16	0.96	On	4
		257					0.63	4			1.28	1.28	0.16	0.97	On	
							0.63						0.16	0.97		
													0.16	0.97		
													0.16	0.97		
20:23:48	5857.00	262	2.9	0.6	67	22	0.72	4	1.27	1.28	1.28	1.28	0.16	0.98	On	4
	5857.00		2.9	0.5	68	22	0.72	4	1.27				0.16	0.97		4
							0.72	5					0.15	0.98		
								4					0.16	0.98		
20:23:49	5857.00	257	2.9	1.1	69	23	0.72	4	1.27	1.28	1.28	1.28	0.16	0.98	Off	4
		239					0.72	4		1.28	1.28	1.28	0.16	0.98	Off	
													0.16	0.98		
													0.16	0.98		
													0.16	0.98		
20:23:50	5852.00	258	2.9	1.2	70	23	0.72	4	1.27	1.28	1.28	1.28	0.16	1.00	Off	4
	5852.00		2.9	1.4	71	24	0.72	4					0.16	1.03		4
							0.72	5					0.16	1.04		
							0.72	5					0.17	1.07		
20:23:51	5847.00	261	3.6	1.4	72	24	0.72	5	1.27	1.27	1.28	1.28	0.17	1.10	Off	4
		263					0.72	5	1.27	1.28	1.28	1.28	0.17	1.12	Off	
													0.17	1.13		
													0.17	1.13		
														1.14		
20:23:52	5842.00	264	3.6	1.4	73	24	0.72	5	1.27	1.28	1.29	1.28	0.18	1.14	Off	4
	5842.00		4.0	1.1	75	24	0.72	5					0.17	1.15		4
							0.72	5					0.18	1.15		
							0.72						0.18	1.15		
													0.18			
20:23:53	5842.00	270	4.0	1.1	76	23	0.72	5	1.27	1.27	1.29	1.28	0.17	1.14	Off	4
		264					0.72	6	1.27	1.27	1.28	1.28	0.17	1.13	Off	
								5					0.17	1.13		
													0.18	1.16		
20:23:54	5842.00	246	4.3	1.2	77	24	0.72	5	1.28	1.27	1.29	1.28	0.18	1.16	Off	4
	5842.00		5.0	1.2	78	24	0.72	5					0.18	1.16		4
							0.72	5					0.18	1.17		
							0.72						0.18	1.18		
													0.18	1.20		
20:23:55	5847.00	263	5.4	1.0	79	23	0.72	5	1.28	1.27	1.28	1.28	0.18	1.20	Off	4
		266					0.72	5	1.28	1.27	1.28	1.28	0.18	1.19	Off	
								5					0.18	1.20		
													0.18	1.22		
20:23:56	5852.00	266	5.8	1.0	80	23	0.72	5	1.28	1.27	1.28	1.28	0.18	1.22	Off	4
	5862.00		5.8	0.4	81	23	0.72	5					0.18	1.20		4
							0.72	5					0.18	1.20		
													0.18	1.19		
													0.18	1.18		
20:23:57	5877.00	266	5.8	0.5	82	23	0.72	5	1.28	1.27	1.28	1.28	0.18	1.17	Off	4
		274					0.72	5	1.29	1.27	1.28	1.28	0.17	1.16	Off	
							0.72	5					0.17	1.15		
													0.17	1.15		
20:23:58	5892.00	262	5.8	0.3	84	22	0.72	5	1.29	1.27	1.28	1.28	0.17	1.14	Off	4
	5907.00		6.1	0.2	84	23	0.72	5					0.17	1.13		4
							0.72	4					0.17	1.12		
													0.17	1.11		
														1.11		
20:23:59	5922.00	249	6.5	0.1	86	23	0.72	4	1.30	1.27	1.28	1.28	0.17	1.11	Off	4
		267					0.72	4	1.30	1.27	1.28	1.28	0.17	1.12	Off	
							0.72	4					0.16	1.11		
													0.16	1.10		
													0.16			
20:24:00	5947.00	266	6.5	0.0	86	23	0.63	4	1.29	1.27	1.28	1.28	0.16	1.10	Off	4
	5962.00		6.5	0.1	87	24	0.72	4					0.16	1.10		4
							0.72	4					0.16	1.09		
													0.16	1.10		

Local Time (ref. CVR)	MSL Alt. (FEET)	IAS (KNOTS)	Pitch Angle (degrees)	Elevator Position Right (degrees)	Mag. Heading (degrees)	Roll Angle (degrees)	Rudder Position (upper) (degrees)	Angle of Attack (degrees)	EPR Engine 1 (ratio)	EPR Engine 2 (ratio)	EPR Engine 3 (ratio)	EPR Engine 4 (ratio)	Long. Accel (g)	Vert. Accel. (g)	VHF	Pitch Trim Stal Pos (degrees
20:24:01	5982.00	268	6.8	0.0	89	24	0.72	4	1.29	1.27	1.28	1.28	0.16	1.10	Off	4
		268					0.72	4	1.29	1.27	1.28	1.28	0.16	1.11	Off	
							0.72	4					0.16	1.10		
													0.16	1.11		
													0.16	1.11		
20:24:02	6002.00	266	6.8	0.0	90	24	0.72	95	1.29	1.26	1.28	1.28	0.16	1.11	Off	4
	6022.00		6.8	0.3	90	23	0.72	4					0.16	1.10		4
							0.72	4					0.16	1.09		
													0.16	1.09		
20:24:03	6042.00	265	7.2	0.7	91	24	0.72	5	1.29	1.27	1.28	1.28	0.16	1.09	Off	4
		250					0.72	4	1.29	1.27	1.28	1.28	0.16	1.09	Off	
							0.63	4					0.16	1.09		
													0.16	1.11		
													0.16	1.12		
20:24:04	6062.00	268	7.6	0.8	93	23	0.63	4	1.29	1.27	1.28	1.28	0.17	1.13	Off	4
	6087.00		7.9	0.7	94	23	0.63	5					0.17	1.14		
							0.63	5					0.17	1.15		
													0.17	1.16		
20:24:05	6107.00	268	8.3	0.6	95	23	0.63	5	1.29	1.27	1.28	1.28	0.17	1.18	Off	4
		268					0.63	5	1.29	1.27	1.28	1.28	0.17	1.19	Off	4
							0.63	5					0.18	1.19		
													0.17	1.18		
													0.17	1.18		
20:24:06	6137.00	268	8.6	0.7	96	22	0.63	5	1.29	1.27	1.28	1.28	0.17	1.18	Off	4
	6167.00		9.0	0.4	97	22	0.63	5					0.17	1.17		
							0.72	5					0.17	1.17		
													0.17	1.17		
20:24:07	6202.00	267	9.4	0.2	98	22	0.72	5	1.28	1.27	1.28	1.28	0.17	1.17	Off	4
		267					0.72	5	1.29	1.27	1.28	1.28	0.17	1.16	Off	4
							0.72	5					0.17	1.15		
													0.17	1.13		
													0.17	1.12		
20:24:08	6237.00	252	9.4	0.1	99	21	0.72	4	1.29	1.27	1.29	1.28	0.16	1.11	Off	4
	6272.00		9.4	0.2	100	21	0.72	4					0.16	1.10		
							0.72	4					0.17	1.10		
													0.16	1.11		
20:24:09	6307.00	266	9.7	0.0	101	21	0.72	4	1.29	1.27	1.29	1.29	0.16	1.11	Off	4
		266					0.72	4	1.29	1.27	1.29	1.29	0.16	1.10	Off	4
							0.72	4					0.16	1.09		
													0.16	1.08		
													0.16	1.07		
20:24:10	6342.00	266	9.7	0.2	102	21	0.72	4	1.29	1.27	1.29	1.28	0.16	1.07	Off	4
	6377.00		10.1	0.4	102	20	0.72	4					0.16	1.07		
							0.72	4					0.16	1.08		
													0.16	1.07		
20:24:11	6417.00	266	10.1	0.7	103	19	0.72	4	1.29	1.27	1.29	1.29	0.16	1.07	Off	4
		265					0.72	4	1.29	1.27	1.29	1.29	0.16	1.07	Off	4
							0.72	4					0.16	1.07		
													0.16	1.09		
													0.17	1.10		
20:24:12	6452.00	264	10.8	0.5	104	19	0.72	5	1.29	1.27	1.29	1.29	0.17	1.11	Off	4
	6492.00		11.2	0.5	105	17	0.72	5					0.17	1.13		
							0.72	5					0.17	1.13		
													0.17	1.13		
20:24:13	6467.00	264	11.2	0.2	102	15	0.72	5	1.29	1.27	1.29	1.29	0.17	1.13	Off	4
		262					0.72	5	1.29	1.28	1.30	1.29	0.17	1.13	Off	4
							0.72	5					0.17	1.13		
													0.17	1.12		
													0.17	1.11		
20:24:14	6577.00	262	11.5	0.3	106	14	0.72	5	1.29	1.27	1.30	1.29	0.17	1.10	Off	4
	6622.00		11.5		107	12	0.72	5					0.17	1.09		
							0.72	5					0.17	1.08		
													0.17	1.08		
20:24:15	6667.00	262	11.9	0.1	107	10	0.72	4	1.29	1.28	1.30	1.29	0.17	1.08	Off	4
		261		0.0			0.72	4	1.29	1.28	1.30	1.29	0.17	1.08	Off	4
							0.72	4					0.17	1.08		
													0.16	1.07		
														1.04		
20:24:16	6717.00	260	11.9	0.1	108	8	0.81	4	1.29	1.28	1.30	1.30	0.16	1.03	Off	4
	6767.00		11.9		108	6	0.90	4					0.16	1.01		
							0.90	4					0.16	1.00		
													0.16	0.98		
													0.16			
20:24:17	6817.00	259	11.9	0.0	108	5	0.90	5	1.29	1.28	1.30	1.30	0.16	0.98	Off	4
		259		0.0			0.90	4	1.29	1.28	1.30	1.30	0.16	0.98	Off	4
							0.90	4					0.16	0.98		
													0.16	0.97		
20:24:18	6812.00	257	12.2	0.0	104	3	0.81	4	1.29	1.28	1.30	1.30	0.16	0.97	Off	4
	6922.00		11.9		109		0.81	4					0.16	0.97		
							0.81	4					0.15	0.96		
													0.16	0.95		
													0.15	0.94		
20:24:19	6972.00	258	11.9	0.0	109	1	0.72	4	1.29	1.28	1.31	1.30	0.15	0.93	Off	4
		256		0.0		0	0.72	4	1.29	1.28	1.31	1.30	0.15	0.92	Off	4
							0.72	4					0.15	0.93		
													0.15	0.93		
20:24:20	7022.00	256	11.9	0.0	109	0	0.72	4	1.29	1.29	1.31	1.31	0.15	0.92	Off	4
	7072.00				109		0.72	4					0.15	0.92		
							0.72	4					0.15	0.91		
													0.15	0.91		
													0.15	0.92		
20:24:21	7122.00	256	11.9	0.1	109	-1	0.72	4	1.30	1.29	1.31	1.31	0.15	0.93	Off	4
		255	11.9	0.0		-1	0.72	4	1.30	1.29	1.31	1.31	0.15	0.93	Off	4
							0.72	4					0.16	0.92		
													0.16	0.93		
20:24:22	7172.00	254	11.9	0.0	108	-2	0.72	4	1.30	1.29	1.31	1.31	0.15	0.93	Off	4
	7187.00						0.72	4					0.16	0.92		
							0.72	4					0.16	0.92		
													0.16	0.92		
													0.16	0.92		
20:24:23	7272.00	254	11.9	0.0	104	-3	0.63	4	1.30	1.29	1.32	1.31	0.16	0.93	Off	4
		252	11.5	0.1	108	-3	0.72	4	1.30	1.29	1.32	1.31	0.16	0.93		4
							0.72	4					0.16	0.93		
													0.16	0.92		
20:24:24	7322.00	252	11.5	0.0	108	-4	0.72	4	1.30	1.29	1.32	1.31	0.15	0.91	Off	4
							0.63	4					0.16	0.90	Off	
							0.63	4					0.15	0.88		
													0.15	0.88		
													0.15	0.87		
20:24:25	7372.00	252	11.2	0.0	108	-4	0.72	4	1.30	1.29	1.32	1.32	0.15	0.86	Off	4
	7417.00		11.2	0.1	108	-6	0.72	4	1.30	1.29	1.32	1.32	0.15	0.86		4
							0.72	4					0.15	0.86		

Local Time (ref. CVR)	MSL Alt. (FEET)	IAS (KNOTS)	Pitch Angle (degrees)	Elevator Position Right (degrees)	Mag. Heading (degrees)	Roll Angle (degrees)	Rudder Position (upper) (degrees)	Angle of Attack (degrees)	EPR Engine 1 (ratio)	EPR Engine 2 (ratio)	EPR Engine 3 (ratio)	EPR Engine 4 (ratio)	Long. Accel (g)	Vert. Accel. (g)	VHF	Pitch Trim Stal Pos (degrees
													0.15	0.86		
20:24:26	7467.00	251	11.2	0.1	107	-7	0.63	4	1.31	1.29	1.32	1.32	0.15	0.85	Off	4
		247					0.72	4					0.15	0.86	Off	
							0.63	5					0.16	0.88		
													0.15	0.88		
													0.16	0.88		
20:24:27	7512.00	250	11.2	0.2	107	-8	0.63	4	1.31	1.30	1.32	1.32	0.16	0.88	Off	4
	7547.00		10.8	0.2	102	-9	0.54	4	1.31	1.30	1.32		0.16	0.89		4
							0.63	4					0.16	0.89		
													0.16	0.88		
20:24:28	7597.00	249	10.8	0.2	107	-9	0.54	4	1.31	1.30	1.33	1.32	0.15	0.87	Off	4
		248					0.63	4				1.32	0.15	0.86	Off	
							0.63						0.15	0.86		
													0.15	0.86		
													0.15	0.86		
20:24:29	7637.00	248	10.4	0.2	106	-9	0.63	4	1.31	1.30	1.33	1.32	0.15	0.85	Off	4
	7682.00		10.1	-0.1	106	-9	0.63	4	1.31	1.30			0.15	0.84		4
							0.72	4					0.15	0.83		
								4					0.15	0.84		
20:24:30	7717.00	248	9.7	0.0	105	-9	0.72	4	1.31	1.30	1.33	1.32	0.15	0.84	Off	4
		246					0.72	4			1.33	1.32	0.15	0.85	Off	
							0.72						0.15	0.83		
													0.15	0.83		
													0.15	0.83		
20:24:31	7757.00	246	9.0	0.1	105	-8	0.72	5	1.31	1.30	1.33	1.32	0.15	0.83	Off	4
	7787.00		8.6	0.2	104	-8	0.72	4	1.31				0.15	0.83		4
							0.63	5					0.15	0.83		
								4					0.15	0.83		
20:24:32	7837.00	246	8.6	0.2	100	-9	0.54	4	1.31	1.30	1.33	1.32	0.15	0.83	Off	4
		244					0.54	4		1.30	1.33	1.32	0.15	0.84	Off	
													0.15	0.83		
													0.15	0.83		
													0.15	0.83		
20:24:33	7847.00	246	8.6	0.2	103	-9	0.54	4	1.31	1.31	1.33	1.33	0.15	0.83	Off	4
	7877.00		8.3	0.2	103	-9	0.54	4					0.15	0.83		4
							0.54	4					0.15	0.83		
							0.45	4					0.15	0.83		
20:24:34	7902.00	246	7.9	0.0	103	-9	0.36	4	1.32	1.31	1.33	1.33	0.15	0.83	Off	4
		246					0.36	4	1.32	1.31	1.33	1.33	0.15	0.84	Off	
													0.15	0.84		
														0.84		
20:24:35	7932.00	246	7.6	0.2	103	-8	0.36	4	1.32	1.31	1.33	1.33	0.15	0.83	Off	4
	7957.00		6.8	0.0	103	-8	0.36	4					0.15	0.83		4
							0.45	5					0.15	0.83		
							0.45						0.15	0.83		
													0.15			
20:24:36	7982.00	246	6.5	0.3	102	-8	0.54	4	1.32	1.31	1.34	1.33	0.15	0.83	Off	4
		246					0.54	5	1.32	1.31	1.33	1.33	0.15	0.83	Off	
								4					0.15	0.83		
													0.15	0.83		
20:24:37	8007.00	225	6.5	0.4	99	-8	0.54	4	1.32	1.31	1.33	1.33	0.15	0.83	Off	4
	8027.00		6.1	0.5	102	-7	0.63	4					0.15	0.83		4
							0.63	4					0.15	0.83		
							0.63						0.15	0.83		
													0.15	0.83		
20:24:38	8047.00	245	6.1	0.6	102	-7	0.54	4	1.32	1.31	1.34	1.33	0.15	0.83	Off	4
		246					0.54	4	1.32	1.31	1.33	1.33	0.15	0.83	Off	
								4					0.15	0.85		
													0.15	0.86		
20:24:39	8062.00	247	6.1	0.4	101	-6	0.63	4	1.32	1.31	1.33	1.33	0.16	0.87	Off	4
	8077.00		5.8	0.4	101	-6	0.63	4					0.16	0.88		4
							0.54	4					0.16	0.88		
													0.16	0.88		
													0.16	0.88		
20:24:40	8092.00	247	5.4	0.5	101	-4	0.54	4	1.32	1.31	1.34	1.33	0.16	0.89	Off	4
		246					0.54	4	1.32	1.31	1.34	1.33	0.16	0.89	On	
							0.54	4					0.16	0.89		
													0.16	0.89		
20:24:41	8102.00	248	5.0	0.5	101	-3	0.54	5	1.32	1.31	1.33	1.33	0.15	0.88	Off	4
	8117.00		5.4	0.6	101	-3	0.54	4					0.15	0.87		4
							0.54	4					0.15	0.87		
													0.16	0.87		
														0.89		
20:24:42	8127.00	226	5.4	0.7	101	-1	0.54	5	1.32	1.31	1.34	1.33	0.16	0.91	On	4
		248					0.54	5	1.32	1.31	1.34	1.33	0.16	0.93	On	
							0.54	5					0.16	0.94		
													0.16	0.94		
													0.16			
20:24:43	8137.00	250	5.8	0.7	100	-1	0.54	5	1.32	1.31	1.34	1.33	0.16	0.95	On	4
	8147.00		5.8	0.5	100	0	0.54	5					0.16	0.98		4
							0.54	5					0.16	0.98		
													0.17	0.98		
20:24:44	8157.00	250	6.1	0.5	100	1	0.54	5	1.32	1.31	1.34	1.33	0.17	0.98	On	4
		250					0.54	5	1.32	1.31	1.33	1.33	0.17	0.99	On	
							0.54	5					0.17	0.99		
													1.42	0.99		
													0.17	0.99		
20:24:45	8172.00	250	6.1	0.5	101	1	0.54	5	1.32	1.31	1.33	1.33	0.17	0.98	On	4
	8187.00		6.1	0.5	101	1	0.54	5					0.17	0.98		4
							0.54	5					0.17	0.99		
													0.16	0.99		
20:24:46	8197.00	249	6.5	0.3	101	1	0.54	5	1.32	1.31	1.33	1.33	0.17	0.99	On	4
		232					0.63	5	1.32	1.31	1.33	1.33	0.16	0.99	On	
							0.72	5					0.17	0.99		
													0.17	0.99		
													0.16	0.99		
20:24:47	8217.00	251	6.5	0.5	101	1	0.72	5	1.32	1.31	1.33	1.33	0.17	0.99	On	4
	8232.00		6.5	0.4	101	1	0.72	5					0.17	0.98		
							0.72	5					0.16	0.98		
													0.16	0.98		
20:24:48	8247.00	252	6.5	0.2	101	1	0.72	5	1.32	1.31	1.33	1.33	0.16	0.98	On	4
		252					0.72	5	1.32	1.31	1.33	1.33	0.16	0.98	On	4
							0.72	5					0.16	0.98		
													0.16	0.98		
													0.16	0.97		
20:24:49	8267.00	252	6.5	0.2	101	1	0.72	5	1.32	1.31	1.33	1.33	0.16	0.96	Off	4
	8282.00		6.5	0.4	101	0	0.72	4					0.16	0.96		
							0.81	4					0.16	0.96		
													0.16	0.96		
20:24:50	8297.00	252	6.5	0.4	101	0	0.72	5	1.32	1.31	1.33	1.33	0.16	0.96	Off	4
		250					0.81	4	1.32	1.31	1.33	1.33	0.16	0.95	Off	4

Local Time (ref. CVR)	MSL Alt. (FEET)	IAS (KNOTS)	Pitch Angle (degrees)	Elevator Position Right (degrees)	Mag. Heading (degrees)	Roll Angle (degrees)	Rudder Position (upper) (degrees)	Angle of Attack (degrees)	EPR Engine 1 (ratio)	EPR Engine 2 (ratio)	EPR Engine 3 (ratio)	EPR Engine 4 (ratio)	Long. Accel (g)	Vert. Accel. (g)	VHF	Pitch Trim Stal Pos (degrees
							0.72	5					0.16	0.95		
													0.16	0.95		
													0.16	0.96		
20:24:51	8317.00	232	6.8	0.2	101	0	0.81	4	1.32	1.31	1.33	1.33	0.16	0.96	Off	4
	8332.00		6.8	0.3	101	0	0.72	4					0.16	0.97		
							0.72	4					0.16	0.97		
													0.16	0.97		
20:24:52	8352.00	251	6.8	0.3	101	0	0.72	4	1.32	1.31	1.34	1.33	0.16	0.97	Off	4
		250					0.90	4	1.32	1.31	1.33	1.33	0.16	0.97	Off	4
							0.81	4					0.16	0.95		
													0.16	0.95		
													0.16	0.97		
20:24:53	8367.00	252	6.8	0.2	101	-1	0.81	5	1.32	1.31	1.34	1.33	0.16	0.97	On	4
	8382.00		7.2	0.2	101	-1	0.72	5					0.16	0.96		
							0.72	4					0.16	0.97		
													0.16	0.96		
20:24:54	8402.00	252	7.2	0.2	101	-1	0.72	5	1.32	1.31	1.33	1.33	0.16	0.96	On	4
		250					0.72	5	1.32	1.31	1.33	1.33	0.16	0.97	On	4
							0.72	5					0.16	0.96		
													0.16	0.97		
													0.16	0.97		
20:24:55	8417.00	250	7.2	0.3	101	-2	0.72	5	1.32	1.31	1.33	1.33	0.16	0.97	On	4
	8437.00		7.2	0.2	101	-3	0.72	5					0.16	0.97		
							0.72	5					0.16	0.97		
													0.16	0.97		
20:24:56	8457.00	233	7.2	0.2	100	-3	0.72	4	1.32	1.31	1.33	1.33	0.16	0.97	On	4
		252					0.72	4	1.32	1.31	1.34	1.33	0.16	0.98	Off	4
							0.72	4					0.16	0.97		
													0.16	0.96		
													0.16	0.96		
20:24:57	8477.00	250	7.2	0.0	100	-4	0.81	5	1.32	1.31	1.34	1.33	0.16	0.97	Off	4
	8497.00		7.2		100	-4	0.81	5					0.16	0.96		
							0.72	4					0.16	0.96		
													0.16	0.96		
20:24:58	8512.00	252	7.2	0.2	100	-5	0.72	5	1.32	1.31	1.34	1.33	0.16	0.95	Off	4
		251		0.0			0.72	5	1.32	1.31	1.34	1.33	0.16	0.96	Off	4
							0.72	4					0.16	0.96		
													0.16	0.95		
														0.95		
20:24:59	8532.00	251	7.2	0.3	100	-5	0.72	4	1.32	1.31	1.34	1.33	0.16	0.95	Off	4
	8552.00		7.2		99	-5	0.72	4					0.16	0.95		
							0.72	4					0.16	0.94		
													0.16	0.94		
													0.16			
20:25:00	8572.00	251	6.8	0.2	99	-6	0.72	5	1.32	1.31	1.34	1.33	0.16	0.94	Off	4
		251		0.0			0.72	4	1.32	1.31	1.34	1.33	0.16	0.93	Off	4
							0.63	4					0.16	0.93		
													0.16	0.92		
20:25:01	8592.00	251	6.8	0.4	99	-6	0.72	4	1.32	1.31	1.34	1.33	0.16	0.93	Off	4
	8607.00		6.8		99		0.72	4					0.16	0.93		
							0.72	4					0.16	0.93		
													0.16	0.93		
													0.16	0.93		
20:25:02	8627.00	251	6.8	0.2	99	-5	0.72	4	1.32	1.31	1.34	1.33	0.16	0.93	Off	4
		251		0.2		-6	0.72	4	1.32	1.31	1.34	1.33	0.16	0.93	Off	4
							0.72	4					0.16	0.93		
													0.16	0.93		
20:25:03	8642.00	251	6.5	0.3	98	-5	0.72	4	1.32	1.31	1.34	1.33	0.16	0.93	Off	4
	8662.00				98		0.72	4					0.16	0.93		
							0.72	4					0.16	0.93		
													0.16	0.93		
													0.16	0.93		
20:25:04	8677.00	252	6.5	0.2	98	-5	0.72	4	1.32	1.31	1.34	1.33	0.16	0.93	Off	4
		252	6.5	0.3		-5	0.72	4	1.32	1.31	1.34	1.33	0.16	0.93	Off	4
							0.72	5					0.15	0.92		
													0.15	0.93		
20:25:05	8697.00	252	6.5	0.2	98	-4	0.72	4	1.32	1.31	1.34	1.33	0.15	0.93	Off	4
	8777.00						0.72	4					0.15	0.93		
							0.72	4					0.15	0.92		
													0.15	0.93		
													0.15	0.92		
20:25:06	8727.00	252	6.5	0.2	93	-4	0.72	4	1.32	1.31	1.34	1.33	0.15	0.92	Off	4
		252	6.1	0.4	97	-3	0.72	4	1.32	1.31	1.34	1.33	0.15	0.92		4
							0.72	4					0.15	0.91		
													0.15	0.91		
20:25:07	8747.00	252	5.8	0.3	97	-3	0.63	4	1.32	1.31	1.34	1.32	0.15	0.91	Off	4
							0.72	4					0.15	0.90	Off	
							0.63	4					0.15	0.89		
													0.15	0.88		
													0.15	0.88		
20:25:08	8757.00	252	5.8	0.4	97	-3	0.63	4	1.32	1.31	1.34	1.33	0.15	0.88	Off	4
	8772.00		5.8	0.5	97	-2	0.63	4	1.32	1.31	1.34	1.33	0.15	0.88		4
							0.54	4					0.15	0.89		
													0.15	0.90		
20:25:09	8787.00	250	5.8	0.5	97	-1	0.54	4	1.32	1.31	1.34	1.33	0.15	0.91	Off	4
		252					0.54	4					0.15	0.92	Off	
							0.54	4					0.15	0.93		
													0.15	0.94		
													0.16	0.95		
20:25:10	8797.00	254	5.8	0.5	97	-1	0.54	4	1.32	1.31	1.34	1.33	0.16	0.96	Off	4
	8877.00		5.8	0.5	92	-1	0.54	4	1.32	1.31	1.34		0.16	0.96		4
							0.54	4					0.16	0.96		
													0.16	0.97		
20:25:11	8822.00	253	6.1	0.5	97	0	0.54	4	1.32	1.31	1.34	1.33	0.16	0.97	Off	4
		254					0.63	4				1.33	0.16	0.97	Off	
							0.63						0.16	0.97		
													0.16	0.97		
20:25:12	8837.00	254	6.1	0.5	97	0	0.72	4	1.32	1.31	1.34	1.33	0.16	0.98	Off	4
	8852.00		6.1	0.5	97	0	0.63	4	1.32	1.31			0.16	0.98		4
							0.63	4					0.16	0.98		
								4					0.16	0.98		
20:25:13	8867.00	254	6.5	0.0	97	1	0.72	4	1.63	1.31	1.34	1.33	0.16	0.98	Off	4
		253					0.63	4			1.34	1.33	0.16	0.98	Off	
							0.72						0.16	0.97		
													0.16	0.98		
													0.16	0.97		
20:25:14	8877.00	252	6.5	0.1	97	1	0.72	5	1.32	1.31	1.34	1.33	0.16	0.97	Off	4
	8892.00		6.5	0.1	97	1	0.72	4	1.32				0.15	0.97		4
							0.72	5					0.16	0.97		
								4					0.16	0.97		
20:25:15	8977.00	254	6.5	0.1	93	1	0.72	4	1.32	1.31	1.34	1.33	0.16	0.97	Off	4

Local Time (ref. CVR)	MSL Alt. (FEET)	IAS (KNOTS)	Pitch Angle (degrees)	Elevator Position Right (degrees)	Mag. Heading (degrees)	Roll Angle (degrees)	Rudder Position (upper) (degrees)	Angle of Attack (degrees)	EPR Engine 1 (ratio)	EPR Engine 2 (ratio)	EPR Engine 3 (ratio)	EPR Engine 4 (ratio)	Long. Accel (g)	Vert. Accel. (g)	VHF	Pitch Trim Stal Pos (degrees
		254					0.72	4		1.31	1.34	1.33	0.16	0.97	Off	
													0.15	0.96		
													0.15	0.96		
													0.16	0.96		
20:25:16	8927.00	255	6.5	0.3	97	1	0.72	4	1.32	1.31	1.34	1.33	0.16	0.96	Off	4
	8937.00		6.5	0.1	97	1	0.72	4					0.15	0.96		4
							0.72	4					0.15	0.95		
							0.72	4					0.15	0.94		
20:25:17	8957.00	254	6.5	0.2	97	1	0.72	4	1.32	1.31	1.34	1.33	0.15	0.94	Off	4
		255					0.72	4	1.32	1.31	1.34	1.33	0.15	0.94	Off	
													0.15	0.94		
													0.15	0.94		
														0.94		
20:25:18	8972.00	255	6.5	0.2	97	1	0.72	4	1.32	1.31	1.34	1.33	0.15	0.95	Off	4
	8987.00		6.1	0.1	97	1	0.72	4					0.15	0.95		4
							0.72	5					0.15	0.95		
							0.72						0.15	0.96		
													0.15			
20:25:19	8997.00	258	6.1	0.1	97	0	0.72	4	1.32	1.31	1.34	1.33	0.15	0.96	Off	4
		255					0.72	5	1.32	1.31	1.34	1.33	0.15	0.96	Off	
								4					0.15	0.96		
													0.15	0.97		
20:25:20	9077.00	258	6.5	0.0	93	0	0.72	4	1.32	1.31	1.34	1.33	0.15	0.96	Off	4
	9032.00		6.5	0.2	97	0	0.72	4					0.15	0.96		4
							0.72	4					0.15	0.96		
							0.72						0.15	0.96		
													0.15	0.96		
20:25:21	9047.00	252	6.5	0.2	97	0	0.72	4	1.32	1.31	1.34	1.33	0.15	0.96	Off	4
		258					0.72	4	1.32	1.31	1.34	1.33	0.15	0.96	Off	
								4					0.15	0.95		
													0.15	0.95		
20:25:22	9062.00	256	6.5	0.0	97	0	0.72	4	1.32	1.31	1.34	1.33	0.15	0.94	Off	4
	9082.00		6.5	0.2	97	0	0.72	4					0.15	0.95		4
							0.72	4					0.15	0.95		
													0.15	0.95		
													0.15	0.95		
20:25:23	9097.00	255	6.5	0.2	97	0	0.72	4	1.32	1.31	1.34	1.33	0.15	0.95	Off	4
		258					0.72	5	1.32	1.31	1.34	1.33	0.15	0.95	Off	
							0.72	4					0.15	0.95		
													0.15	0.96		
20:25:24	9112.00	253	6.1	0.0	97	0	0.72	5	1.32	1.31	1.34	1.33	0.15	0.95	Off	4
	9127.00		6.5	0.2	97	0	0.72	4					0.15	0.94		4
							0.72	4					0.15	0.95		
													0.15	0.95		
														0.96		
20:25:25	9142.00	238	6.5	0.1	97	0	0.72	4	1.32	1.31	1.34	1.33	0.15	0.96	Off	4
		254					0.72	4	1.32	1.31	1.34	1.33	0.15	0.94	Off	
							0.72	4					0.15	0.93		
													0.15	0.94		
													0.15			
20:25:26	9157.00	259	6.5	0.2	97	-1	0.72	4	1.32	1.31	1.34	1.33	0.15	0.95	Off	4
	9172.00		6.8	0.4	97	-1	0.72	4					0.15	0.96		4
							0.72	4					0.15	0.97		
													0.15	0.98		
20:25:27	9187.00	256	6.8	0.5	97	-1	0.72	4	1.32	1.31	1.34	1.33	0.16	0.98	Off	4
		254					0.72	4	1.32	1.31	1.34	1.33	0.16	0.98	Off	
							0.72	4					0.16	0.98		
													0.16	0.98		
													0.15	0.98		
20:25:28	9207.00	259	6.8	0.5	97	-1	0.72	5	1.32	1.31	1.34	1.33	0.16	0.98	Off	4
	9222.00		6.8	0.2	97	-1	0.72	4					0.16	0.98		4
							0.72	5					0.16	0.98		
													0.15	0.98		
20:25:29	9237.00	254	7.6	0.2	97	-1	0.72	4	1.32	1.31	1.34	1.33	0.16	0.98	Off	4
		235					0.72	4	1.32	1.31	1.34	1.33	0.16	0.98	Off	
							0.72	4					0.16	0.98		
													0.16	0.98		
													0.16	0.98		
20:25:30	9257.00	258	7.6	0.2	97	-1	0.72	4	1.32	1.31	1.34	1.33	0.16	0.98	Off	4
	9277.00		7.6	0.2	97	-2	0.72	5					0.16	0.99		
							0.72	5					0.16	0.99		
													0.16	1.00		
20:25:31	9292.00	254	7.6	0.0	97	-2	0.72	4	1.32	1.31	1.34	1.33	0.16	0.99	Off	4
		256					0.72	4	1.32	1.31	1.34	1.33	0.16	0.98	Off	4
							0.72	4					0.16	0.99		
													0.16	0.99		
													0.16	0.98		
20:25:32	9317.00	255	7.6	0.1	97	-2	0.72	4	1.32	1.31	1.34	1.33	0.16	0.98	Off	4
	9337.00		7.6	0.2	97	-2	0.72	4					0.16	0.97		
							0.72	4					0.15	0.97		
													0.15	0.97		
20:25:33	9357.00	254	7.6	0.3	97	-3	0.72	4	1.32	1.31	1.34	1.33	0.16	0.97	Off	4
		252					0.72	5	1.32	1.31	1.34	1.33	0.16	0.98	Off	4
							0.81	5					0.15	0.98		
													0.16	0.98		
													0.16	0.98		
20:25:34	9382.00	236	7.6	0.4	96	-3	0.81	4	1.32	1.31	1.34	1.33	0.16	0.98	On	4
	9402.00		7.9	0.3	96	-2	0.81	4					0.16	0.98		
							0.72	5					0.16	0.98		
													0.16	0.98		
20:25:35	9422.00	252	7.6	0.2	96	-2	0.72	4	1.32	1.31	1.33	1.33	0.16	0.98	On	4
		252					0.72	4	1.32	1.31	1.33	1.33	0.16	0.98	On	4
							0.72	4					0.15	0.97		
													0.15	0.96		
													0.15	0.95		
20:25:36	9447.00	252	7.6	0.3	96	-2	0.72	4	1.32	1.31	1.33	1.33	0.15	0.95	On	4
	9472.00		7.6	0.4	96	-2	0.72	4					0.15	0.95		
							0.72	4					0.15	0.95		
													0.15	0.95		
20:25:37	9492.00	254	7.6	0.3	96	-2	0.72	4	1.32	1.31	1.33	1.33	0.15	0.94	On	4
		252					0.63	4	1.32	1.30	1.33	1.33	0.15	0.94	On	4
							0.72	5					0.15	0.94		
													0.15	0.94		
													0.15	0.94		
20:25:38	9512.00	256	7.6	0.4	96	-1	0.72	4	1.32	1.30	1.33	1.33	0.15	0.94	On	4
	9537.00		7.6	0.3	96	-2	0.63	5					0.15	0.94		
							0.72	4					0.15	0.94		
													0.15	0.94		
20:25:39	9557.00	234	7.6	0.2	96	-2	0.72	4	1.32	1.31	1.33	1.33	0.15	0.94	On	4
		252					0.72	4	1.32	1.30	1.33	1.33	0.15	0.93	On	4
							0.72	4					0.15	0.93		
													0.15	0.94		

Local Time (ref. CVR)	MSL Alt. (FEET)	IAS (KNOTS)	Pitch Angle (degrees)	Elevator Position Right (degrees)	Mag. Heading (degrees)	Roll Angle (degrees)	Rudder Position (upper) (degrees)	Angle of Attack (degrees)	EPR Engine 1 (ratio)	EPR Engine 2 (ratio)	EPR Engine 3 (ratio)	EPR Engine 4 (ratio)	Long. Accel (g)	Vert. Accel. (g)	VHF	Pitch Trim Stal Pos (degrees
													0.15	0.95		
20:25:40	9582.00	252	7.6	0.2	95	-2	0.72	4	1.32	1.31	1.33	1.33	0.15	0.95	On	4
	9602.00		7.6		95	-2	0.63	4					0.15	0.94		
							0.63	4					0.15	0.95		
													0.15	0.95		
20:25:41	9622.00	254	7.6	0.2	93	-2	0.54	4	1.32	1.30	1.33	1.33	0.15	0.95	On	4
		246		0.3			0.63	4	1.32	1.30	1.33	1.33	0.15	0.95	On	4
							0.63	4					0.15	0.94		
													0.15	0.96		
														0.96		
20:25:42	9652.00	254	7.2	0.3	94	-1	0.63	5	1.32	1.31	1.33	1.33	0.15	0.95	Off	4
	9662.00		7.2		95	-1	0.72	5					0.15	0.94		
							0.63	5					0.15	0.94		
													0.15	0.93		
													0.15			
20:25:43	9687.00	250	7.2	0.1	95	0	0.72	5	1.32	1.31	1.33	1.33	0.15	0.93	Off	4
		232		0.0			0.72	4	1.32	1.31	1.33	1.33	0.15	0.93	Off	4
							0.72	4					0.15	0.93		
													0.15	0.94		
20:25:44	9707.00	250	7.2	0.2	95	0	0.63	4	1.32	1.31	1.33	1.33	0.15	0.95	Off	4
	9727.00		7.2		95		0.72	4					0.15	0.95		
							0.63	4					0.15	0.95		
													0.15	0.94		
													0.15	0.93		
20:25:45	9747.00	250	7.2	0.1	95	0	0.63	4	1.32	1.31	1.33	1.33	0.15	0.93	Off	4
		252		0.0		0	0.63	4	1.32	1.31	1.33	1.33	0.15	0.93	Off	4
							0.63	4					0.15	0.94		
													0.15	0.93		
20:25:46	9772.00	253	7.2	0.0	95	0	0.63	4	1.32	1.31	1.33	1.33	0.15	0.94	Off	4
	9787.00				95		0.63	5					0.15	0.92		
							0.63	5					0.15	0.92		
													0.15	0.94		
													0.15	0.96		
20:25:47	9807.00	251	7.2	0.3	96	0	0.63	5	1.32	1.31	1.33	1.33	0.15	0.98	On	4
		249	7.2	0.3		0	0.72	4	1.32	1.31	1.33	1.33	0.16	0.96	On	4
							0.63	5					0.15	0.97		
													0.15	0.96		
20:25:48	9832.00	251	6.8	0.4	96	0	0.63	4	1.32	1.31	1.33	1.33	0.15	0.92	On	4
	9877.00						0.63	4					0.15	0.91		
							0.72	4					0.15	0.90		
													0.15	0.90		
													0.15	0.89		
20:25:49	9877.00	252	6.5	0.2	96	0	0.72	4	1.32	1.31	1.33	1.33	0.15	0.88	On	4
		252	6.5	0.3	96	0	0.72	4	1.32	1.31	1.33	1.33	0.15	0.89		4
							0.81	4					0.14	0.88		
													0.14	0.88		
20:25:50	9897.00	232	6.5	0.3	96	0	0.90	4	1.32	1.31	1.33	1.33	0.15	0.87	On	4
							0.81	4					0.14	0.89	On	
							0.72	4					0.15	0.91		
													0.15	0.92		
													0.15	0.91		
20:25:51	9927.00	235	6.5	0.4	91	0	0.72	4	1.32	1.31	1.33	1.33	0.15	0.93	On	4
	9942.00		6.5	0.3	92	0	0.63	4	1.32	1.31	1.33	1.33	0.15	0.94		4
							0.63	4					0.15	0.95		
													0.15	0.96		
20:25:52	9947.00	253	6.1	0.2	96	0	0.63	4	1.32	1.31	1.34	1.33	0.15	0.94	On	4
		254					0.54	5					0.15	0.93	On	
							0.63	4					0.15	0.93		
													0.15	0.92		
													0.15	0.92		
20:25:53	9967.00	252	6.1	0.0	96	1	0.63	4	1.32	1.31	1.34	1.33	0.15	0.91	Off	4
	9997.00		6.1	0.0	92	1	0.63	4	1.32	1.31	1.34		0.15	0.91		4
							0.63	4					0.15	0.91		
													0.15	0.90		
20:25:54	10007.00	251	6.1	0.3	96	2	0.72	4	1.32	1.31	1.34	1.33	0.14	0.89	Off	4
		254					0.81	4				1.33	0.14	0.89	Off	
							0.90						0.14	0.88		
													0.14	0.88		
													0.14	0.89		
20:25:55	10022.00	255	5.8	0.5	96	2	0.90	4	1.32	1.31	1.34	1.32	0.15	0.90	Off	4
	10037.00		6.1	0.4	96	2	0.90	4	1.32	1.31			0.15	0.91		4
							0.81	4					0.14	0.92		
								4					0.15	0.92		
20:25:56	10052.00	254	6.1	0.2	96	2	0.72	4	1.32	1.31	1.34	1.33	0.15	0.92	Off	4
		252					0.72	4			1.34	1.33	0.15	0.92	Off	
							0.72						0.15	0.92		
													0.15	0.91		
													0.15	0.92		
20:25:57	10067.00	253	6.1	0.4	96	1	0.63	4	1.32	1.31	1.34	1.33	0.15	0.94	Off	4
	10077.00		6.1	0.3	96	1	0.63	4	1.32				0.15	0.95		4
							0.63	4					0.15	0.95		
								4					0.15	0.95		
20:25:58	10097.00	255	6.1	0.3	92	0	0.63	4	1.32	1.31	1.34	1.33	0.15	0.95	Off	4
		254					0.72	4		1.31	1.34	1.33	0.15	0.95	Off	
													0.15	0.96		
													0.15	0.97		
													0.15	0.98		
20:25:59	10107.00	256	6.1	0.2	96	1	0.72	4	1.32	1.31	1.33	1.33	0.15	0.97	Off	4
	10127.00		5.8	0.4	97	0	0.72	4					0.15	0.96		4
							0.72	4					0.15	0.96		
							0.72	4					0.15	0.97		
20:26:00	10137.00	256	5.8	0.4	96	0	0.72	4	1.64	1.31	1.33	1.33	0.15	0.97	Off	4
		254					0.72	4	1.32	1.31	1.33	1.33	0.15	0.96	Off	
													0.15	0.94		
													0.15	0.93		
														0.94		
20:26:01	10157.00	254	5.8	0.2	96	1	0.72	4	1.32	1.31	1.33	1.33	0.15	0.94	Off	4
	10172.00		5.8	0.3	97	1	0.72	4					0.15	0.93		4
							0.72	4					0.15	0.93		
							0.72						0.15	0.91		
													0.14			
20:26:02	10187.00	258	5.8	0.3	96	1	0.72	4	1.32	1.31	1.34	1.33	0.14	0.88	Off	4
		254					0.72	5	1.32	1.31	1.34	1.33	0.14	0.90	Off	
								4					0.15	0.95		
													0.15	0.97		
20:26:03	10192.00	258	5.8	0.3	92	2	0.72	4	1.32	1.31	1.33	1.33	0.15	0.95	Off	4
	10212.00		5.8	0.2	96	2	0.72	4					0.15	0.90		4
							0.72	4					0.14	0.91		
							0.63						0.15	0.93		
													0.15	0.97		
20:26:04	10222.00	255	5.8	0.3	96	1	0.63	5	1.32	1.31	1.34	1.33	0.15	0.97	Off	4
		255					0.63	4	1.32	1.31	1.34	1.34	0.15	0.98	Off	

Local Time (ref. CVR)	MSL Alt. (FEET)	IAS (KNOTS)	Pitch Angle (degrees)	Elevator Position Right (degrees)	Mag. Heading (degrees)	Roll Angle (degrees)	Rudder Position (upper) (degrees)	Angle of Attack (degrees)	EPR Engine 1 (ratio)	EPR Engine 2 (ratio)	EPR Engine 3 (ratio)	EPR Engine 4 (ratio)	Long. Accel (g)	Vert. Accel. (g)	VHF	Pitch Trim Stal Pos (degrees
								4					0.15	0.96		
													0.15	0.94		
20:26:05	10242.00	256	5.8	0.2	96	1	0.63	4	1.32	1.31	1.34	1.33	0.15	0.93	Off	4
	10252.00		5.8	0.5	96	1	0.63	5					0.15	0.92		4
							0.63	5					0.15	0.94		
													0.15	0.97		
													0.15	0.97		
20:26:06	10267.00	252	5.8	0.4	97	1	0.72	4	1.32	1.31	1.34	1.33	0.15	0.97	Off	4
		254					0.72	4	1.32	1.31	1.34	1.33	0.15	0.97	Off	
							0.72	4					0.15	0.96		
													0.15	0.96		
20:26:07	10282.00	254	5.8	0.3	97	1	0.72	5	1.32	1.31	1.33	1.33	0.15	0.95	Off	4
	10287.00		5.8	0.4	93	1	0.72	4					0.15	0.92		4
							0.72	4					0.15	0.94		
													0.15	0.95		
														0.95		
20:26:08	10312.00	258	5.8	0.5	97	1	0.72	4	1.32	1.31	1.34	1.33	0.15	0.96	Off	4
		256					0.72	4	1.32	1.31	1.34	1.33	0.15	0.96	Off	
							0.81	4					0.15	0.97		
													0.15	0.97		
													0.15			
20:26:09	10322.00	259	6.1	0.4	97	1	0.72	5	1.32	1.31	1.34	1.33	0.15	0.98	Off	4
	10327.00		6.1	0.2	94	1	0.72	4					0.15	0.99		4
							0.72	4					0.15	0.98		
													0.15	0.98		
20:26:10	10332.00	248	6.1	0.2	91	1	0.63	4	1.32	1.31	1.34	1.33	0.15	0.95	Off	4
		230					0.63	4	1.32	1.31	1.34	1.33	0.15	0.92	Off	
							0.54	4					0.14	0.92		
													0.15	0.93		
													0.14	0.96		
20:26:11	10367.00	254	5.8	0.2	97	0	0.54	5	1.32	1.31	1.34	1.33	0.15	0.95	Off	4
	10382.00		5.8	0.2	97	0	0.54	4					0.15	0.97		4
							0.63	5					0.15	0.97		
													0.15	0.97		
20:26:12	10377.00	257	6.1	0.5	93	0	0.63	4	1.32	1.31	1.34	1.34	0.15	0.99	Off	4
		258					0.63	4	1.33	1.31	1.34	1.34	0.15	0.98	Off	
							0.72	4					0.15	0.98		
													0.15	0.97		
													0.15	0.94		
20:26:13	10412.00	254	6.1	0.5	97	-1	0.72	4	1.33	1.31	1.34	1.34	0.15	0.95	Off	4
	10432.00		6.5	0.3	97	-1	0.72	4					0.15	0.96		
							0.72	4					0.15	0.95		
													0.15	0.94		
20:26:14	10452.00	255	6.5	0.5	97	-1	0.72	4	1.33	1.31	1.34	1.34	0.15	0.94	Off	4
		257					0.72	4	1.33	1.31	1.34	1.34	0.15	0.96	Off	4
							0.72	4					0.15	0.97		
													0.15	0.98		
													0.15	0.99		
20:26:15	10462.00	256	6.5	0.4	97	0	0.81	4	1.33	1.31	1.34	1.34	0.15	0.99	Off	4
	10482.00		6.5	0.3	97	0	0.81	4					0.15	1.00		
							0.81	4					0.15	0.99		
													0.15	0.98		
20:26:16	10492.00	258	6.5	0.2	97	0	0.81	5	1.33	1.31	1.34	1.34	0.15	0.98	Off	4
		253					0.72	5	1.33	1.31	1.34	1.34	0.15	0.98	Off	4
							0.72	4					0.15	0.98		
													0.15	0.98		
													0.15	0.98		
20:26:17	10512.00	238	6.5	0.4	97	0	0.72	5	1.33	1.31	1.34	1.34	0.15	0.98	Off	4
	10532.00		6.8	0.2	97	0	0.72	5					0.15	0.99		
							0.72	4					0.15	0.99		
													0.15	1.00		
20:26:18	10547.00	254	6.8	0.2	97	0	0.63	5	1.32	1.31	1.34	1.34	0.15	0.99	Off	4
		256					0.72	4	1.32	1.31	1.34	1.34	0.15	0.99	Off	4
							0.72	5					0.15	0.98		
													0.15	0.97		
													0.15	0.98		
20:26:19	10567.00	258	6.8	0.5	97	0	0.72	5	1.32	1.31	1.34	1.34	0.15	0.99	Off	4
	10587.00		6.8	0.4	97	0	0.72	4					0.15	0.98		
							0.63	4					0.15	0.98		
													0.15	0.98		
20:26:20	10607.00	235	7.2	0.7	97	0	0.72	4	1.33	1.31	1.34	1.33	0.15	1.01	Off	4
		262					0.72	5	1.33	1.31	1.34	1.33	0.15	1.01	Off	4
							0.72	4					0.15	1.01		
													0.15	1.01		
													0.15	1.00		
20:26:21	10627.00	256	7.2	0.5	97	0	0.72	5	1.33	1.31	1.34	1.34	0.15	1.01	Off	4
	10647.00		7.6	0.5	97	0	0.72	5					0.15	1.02		
							0.63	4					0.15	1.03		
													0.16	1.05		
20:26:22	10672.00	240	8.3	0.5	97	0	0.63	4	1.33	1.31	1.34	1.33	0.15	1.05	Off	4
		263					0.63	5	1.33	1.31	1.34	1.34	0.15	1.04	Off	4
							0.72	5					0.16	1.04		
													0.16	1.07		
													0.16	1.08		
20:26:23	10697.00	262	8.3	0.1	97	1	0.72	5	1.33	1.31	1.34	1.34	0.16	1.07	Off	4
	10722.00		8.3		97	1	0.72	5					0.16	1.06		
							0.81	4					0.16	1.05		
													0.15	1.04		
20:26:24	10752.00	259	8.3	0.4	97	1	0.81	4	1.33	1.32	1.34	1.34	0.15	1.02	Off	4
		260		0.3			0.72	4	1.33	1.31	1.34	1.34	0.15	1.00	Off	4
							0.72	4					0.15	1.00		
													0.15	1.01		
														1.01		
20:26:25	10777.00	264	8.3	0.3	97	1	0.72	5	1.33	1.32	1.34	1.34	0.15	1.00	Off	4
	10802.00		8.3		97	0	0.72	5					0.15	0.99		
							0.72	5					0.15	1.00		
													0.15	1.00		
													0.15			
20:26:26	10832.00	262	8.6	0.3	97	0	0.72	5	1.33	1.31	1.34	1.34	0.15	1.01	Off	4
		241		0.2			0.63	4	1.33	1.32	1.34	1.34	0.15	1.01	Off	4
							0.63	4					0.15	1.01		
													0.15	1.01		
20:26:27	10867.00	258	8.6	0.0	97	-1	0.63	4	1.33	1.32	1.34	1.34	0.15	1.00	Off	4
	10902.00		8.6		98		0.63	4					0.15	0.99		
							0.72	4					0.15	1.00		
													0.15	1.00		
													0.15	1.01		
20:26:28	10942.00	256	8.6	0.1	98	-1	0.72	4	1.33	1.32	1.34	1.34	0.15	0.98	Off	4
		258		0.0		-2	0.72	4	1.33	1.32	1.34	1.34	0.15	0.98	Off	4
							0.90	4					0.15	0.97		
													0.14	0.93		
20:26:29	10977.00	258	8.6	0.2	98	-1	0.90	4	1.33	1.32	1.34	1.34	0.14	0.92	Off	4

Local Time (ref. CVR)	MSL Alt. (FEET)	IAS (KNOTS)	Pitch Angle (degrees)	Elevator Position Right (degrees)	Mag. Heading (degrees)	Roll Angle (degrees)	Rudder Position (upper) (degrees)	Angle of Attack (degrees)	EPR Engine 1 (ratio)	EPR Engine 2 (ratio)	EPR Engine 3 (ratio)	EPR Engine 4 (ratio)	Long. Accel (g)	Vert. Accel. (g)	VHF	Pitch Trim Stal Pos (degrees
	11012.00				97		0.90	4					0.14	0.92		
							0.99	4					0.14	0.95		
													0.14	0.96		
													0.14	0.95		
20:26:30	11042.00	257	8.6	0.2	97	-1	0.99	5	1.33	1.32	1.34	1.34	0.15	0.95	On	4
		256	8.6	0.3		0	1.08	4	1.33	1.32	1.34	1.34	0.14	0.96	On	4
							0.99	5					0.14	0.97		
													0.15	1.01		
20:26:31	11067.00	239	9.0	0.1	96	0	0.90	5	1.33	1.32	1.34	1.34	0.16	1.05	On	4
	11102.00						0.72	4					0.15	1.06		
							0.72	4					0.15	1.03		
													0.15	1.00		
													0.15	0.99		
20:26:32	11137.00	256	8.6	0.2	96	1	0.81	4	1.33	1.32	1.34	1.34	0.14	0.98	On	4
		261	8.6	0.0	96	1	0.72	3	1.33	1.32	1.34	1.34	0.14	0.93		4
							0.72	3					0.14	0.90		
													0.14	0.87		
20:26:33	11177.00	262	8.6	0.2	96	0	0.63	4	1.33	1.32	1.34	1.34	0.13	0.88	On	4
							0.63	4					0.13	0.88	On	
							0.54	4					0.14	0.90		
													0.14	0.92		
													0.14	0.93		
20:26:34	11207.00	261	9.0	0.0	96	0	0.54	4	1.33	1.32	1.34	1.34	0.14	0.94	Off	4
	11237.00		9.0	0.2	96	-1	0.54	4	1.33	1.32	1.34	1.34	0.14	0.94		4
							0.45	4					0.14	0.93		
													0.14	0.94		
20:26:35	11272.00	260	9.4	0.3	96	-2	0.45	4	1.33	1.32	1.35	1.34	0.14	0.94	Off	4
		260					0.36	5					0.14	0.94	Off	
							0.36	4					0.14	0.94		
													0.14	0.93		
													0.14	0.93		
20:26:36	11307.00	239	9.4	0.2	96	-3	0.36	4	1.33	1.32	1.34	1.34	0.14	0.93	Off	4
	11342.00		9.4	0.4	96	-3	0.45	4	1.33	1.32	1.34		0.14	0.92		4
							0.54	4					0.14	0.92		
													0.14	0.93		
20:26:37	11377.00	256	9.4	0.2	97	-3	0.54	4	1.34	1.32	1.35	1.34	0.14	0.95	Off	4
		259					0.63	4				1.34	0.14	0.95	Off	
							0.81						0.14	0.97		
													0.15	0.98		
													0.15	0.98		
20:26:38	11412.00	258	9.4	0.3	97	-3	0.81	4	1.34	1.32	1.35	1.34	0.15	0.98	Off	4
	11447.00		9.4	0.3	97	-1	0.81	4	1.34	1.32			0.14	0.96		4
							0.90	4					0.14	0.95		
								4					0.14	0.94		
20:26:39	11482.00	258	9.4	0.1	97	-1	0.90	4	1.34	1.33	1.35	1.35	0.14	0.93	Off	4
		256					0.90	4			1.35	1.35	0.14	0.93	Off	
							0.90						0.14	0.93		
													0.14	0.92		
													0.14	0.92		
20:26:40	11517.00	256	9.4	0.2	96	0	0.90	4	1.34	1.33	1.35	1.35	0.14	0.90	Off	4
	11547.00		9.0	0.3	96	0	0.81	5	1.34				0.14	0.91		4
							0.81	4					0.14	0.91		
								4					0.14	0.91		
20:26:41	11507.00	256	9.0	0.2	96	0	0.72	4	1.34	1.33	1.35	1.35	0.14	0.92	Off	4
		256					0.63	4		1.33	1.36	1.35	0.14	0.92	Off	
													0.14	0.93		
													0.14	0.93		
													0.14	0.92		
20:26:42	11607.00	254	9.0	0.3	96	0	0.54	4	1.34	1.33	1.36	1.35	0.14	0.92	Off	4
	11637.00		8.6	0.1	97	0	0.54	4					0.14	0.92		4
							0.54	4					0.14	0.92		
							0.54	4					0.14	0.91		
20:26:43	11672.00	254	8.6	0.0	97	0	0.54	4	1.34	1.33	1.36	1.35	0.14	0.90	Off	4
		254					0.63	4	1.34	1.33	1.36	1.35	0.14	0.90	Off	
													0.14	0.90		
													0.14	0.90		
														0.90		
20:26:44	11707.00	253	8.3	0.1	97	0	0.72	4	1.35	1.33	1.36	1.35	0.14	0.89	Off	4
	11742.00		7.9	0.2	97	0	0.72	4					0.14	0.88		4
							0.81	4					0.14	0.86		
							0.81						0.14	0.84		
													0.14			
20:26:45	11772.00	254	7.6	0.2	97	0	0.81	4	1.35	1.33	1.36	1.35	0.13	0.83	Off	4
		254					0.81	4	1.35	1.33	1.36	1.36	0.13	0.82	Off	
								4					0.13	0.82		
													0.13	0.83		
20:26:46	11732.00	254	7.6	0.0	93	0	0.72	4	1.35	1.33	1.36	1.36	0.13	0.83	Off	4
	11822.00		7.2	0.3	97	1	0.72	4					0.13	0.83		4
							0.72	4					0.14	0.84		
							0.72						0.14	0.84		
													0.14	0.86		
20:26:47	11847.00	254	7.2	0.2	97	1	0.72	4	1.35	1.33	1.36	1.36	0.14	0.86	Off	4
		253					0.72	4	1.35	1.33	1.36	1.34	0.14	0.87	Off	
								4					0.14	0.87		
													0.14	0.88		
20:26:48	11872.00	251	6.8	0.0	97	1	0.63	4	1.35	1.33	1.36	1.36	0.14	0.89	Off	4
	11892.00		6.5	0.1	97	1	0.72	4					0.14	0.88		4
							0.72	4					0.14	0.87		
													0.14	0.86		
													0.13	0.83		
20:26:49	11917.00	253	6.5	0.4	97	1	0.72	4	1.35	1.33	1.36	1.36	0.14	0.84	Off	4
		252					0.63	4	1.35	1.33	1.36	1.36	0.14	0.86	Off	
							0.72	4					0.14	0.88		
													0.14	0.89		
20:26:50	11937.00	256	6.1	0.3	97	1	0.72	4	1.35	1.33	1.36	1.35	0.14	0.90	Off	4
	11902.00		5.8	0.2	93	1	0.72	4					0.14	0.89		4
							0.81	4					0.14	0.88		
													0.14	0.87		
														0.86		
20:26:51	11977.00	256	5.8	0.3	97	1	0.90	4	1.35	1.33	1.36	1.35	0.14	0.85	Off	4
		256					0.90	4	1.35	1.33	1.36	1.36	0.13	0.85	Off	
							0.90	4					0.13	0.85		
													0.14	0.86		
													0.13			
20:26:52	11992.00	256	5.4	0.4	97	1	0.81	4	1.35	1.33	1.36	1.35	0.13	0.86	Off	4
	12007.00		5.4	0.4	97	1	0.72	4					0.13	0.87		4
							0.72	4					0.14	0.87		
													0.14	0.87		
20:26:53	12022.00	256	5.0	0.5	97	0	0.72	4	1.35	1.33	1.36	1.35	0.14	0.88	Off	4
		247					0.63	4	1.35	1.33	1.36	1.36	0.14	0.88	Off	
							0.54	4					0.14	0.88		
													0.14	0.88		

Local Time (ref. CVR)	MSL Alt. (FEET)	IAS (KNOTS)	Pitch Angle (degrees)	Elevator Position Right (degrees)	Mag. Heading (degrees)	Roll Angle (degrees)	Rudder Position (upper) (degrees)	Angle of Attack (degrees)	EPR Engine 1 (ratio)	EPR Engine 2 (ratio)	EPR Engine 3 (ratio)	EPR Engine 4 (ratio)	Long. Accel (g)	Vert. Accel. (g)	VHF	Pitch Trim Stal Pos (degrees
													0.14	0.88		
20:26:54	12037.00	257	5.0	0.5	97	0	0.63	4	1.35	1.33	1.36	1.36	0.14	0.89	Off	4
	12047.00		5.0	0.4	97	0	0.63	4					0.14	0.89		4
							0.63	5					0.14	0.89		
													0.14	0.90		
20:26:55	12012.00	256	5.0	0.3	93	0	0.72	4	1.35	1.33	1.36	1.35	0.14	0.91	Off	4
		254					0.72	4	1.35	1.33	1.36	1.36	0.14	0.91	Off	
							0.72	4					0.14	0.90		
													0.14	0.90		
													0.14	0.90		
20:26:56	12072.00	256	4.7	0.3	97	0	0.72	4	1.35	1.33	1.36	1.36	0.14	0.90	Off	4
	12087.00		4.3	0.4	97	0	0.72	4					0.14	0.90		
							0.72	4					0.14	0.89		
													0.14	0.89		
20:26:57	12097.00	255	4.3	0.2	97	0	0.72	4	1.35	1.33	1.36	1.36	0.13	0.89	Off	4
		258					0.72	4	1.35	1.33	1.36	1.35	0.14	0.89	Off	4
							0.72	4					0.14	0.88		
													0.13	0.88		
													0.13	0.88		
20:26:58	12107.00	258	4.0	0.4	97	-1	0.72	4	1.35	1.33	1.36	1.35	0.13	0.87	Off	4
	12117.00		4.0	0.4	97	-1	0.72	4					0.13	0.87		
							0.72	4					0.13	0.87		
													0.13	0.88		
20:26:59	12127.00	256	3.6	0.5	97	-1	0.72	4	1.35	1.33	1.36	1.35	0.13	0.89	Off	4
		259					0.72	4	1.35	1.33	1.36	1.35	0.13	0.89	Off	4
							0.72	4					0.13	0.88		
													0.13	0.89		
													0.13	0.89		
20:27:00	12097.00	262	3.6	0.2	93	-1	0.81	4	1.35	1.33	1.36	1.35	0.13	0.90	Off	4
	12137.00		3.6	0.3	96	-1	0.72	4					0.13	0.90		
							0.72	4					0.14	0.90		
													0.13	0.90		
20:27:01	12147.00	256	3.6	0.6	96	-1	0.72	4	1.35	1.33	1.36	1.35	0.14	0.91	Off	4
		256					0.72	4	1.35	1.33	1.36	1.35	0.13	0.92	Off	4
							0.72	4					0.14	0.91		
													0.14	0.92		
													0.14	0.92		
20:27:02	12152.00	261	3.6	0.6	96	-2	0.72	4	1.35	1.33	1.35	1.35	0.14	0.92	Off	4
	12152.00		3.6	0.5	96	-2	0.72	4					0.14	0.93		
							0.72	4					0.14	0.93		
													0.14	0.94		
20:27:03	12157.00	260	3.6	0.5	96	-1	0.72	4	1.34	1.33	1.35	1.35	0.14	0.93	Off	4
		259					0.72	4	1.34	1.33	1.35	1.35	0.14	0.94	Off	4
							0.63	4					0.14	0.94		
													0.14	0.93		
													0.14	0.93		
20:27:04	12162.00	258	3.6	0.5	96	-1	0.72	5	1.34	1.33	1.35	1.35	0.14	0.93	Off	4
	12167.00		3.6	0.5	96	-1	0.72	4					0.13	0.93		
							0.72	4					0.14	0.93		
													0.14	0.93		
20:27:05	12167.00	244	3.6	0.5	96	-1	0.72	4	1.34	1.33	1.35	1.35	0.14	0.93	Off	4
		260					0.72	4	1.34	1.32	1.35	1.35	0.14	0.93	Off	4
							0.72	4					0.14	0.93		
													0.14	0.94		
													0.13	0.94		
20:27:06	12172.00	259	3.6	0.2	96	-1	0.72	4	1.34	1.32	1.35	1.35	0.14	0.94	Off	4
	12172.00		3.6		96	-1	0.72	4					0.14	0.95		
							0.72	4					0.14	0.95		
													0.14	0.96		
20:27:07	12177.00	264	3.6	0.6	96	-1	0.72	4	1.34	1.32	1.35	1.35	0.14	0.96	Off	4
		264		0.5			0.72	4	1.34	1.32	1.35	1.35	0.14	0.96	Off	4
							0.72	4					0.14	0.96		
													0.14	0.96		
														0.96		
20:27:08	12182.00	262	3.6	0.5	96	0	0.72	4	1.34	1.32	1.35	1.35	0.14	0.96	Off	4
	12187.00		3.6		95	0	0.72	4					0.14	0.96		
							0.72	5					0.14	0.96		
													0.14	0.96		
													0.13			
20:27:09	12192.00	264	3.6	0.5	95	1	0.72	4	1.34	1.32	1.35	1.35	0.14	0.96	Off	4
		247		0.5			0.63	4	1.34	1.32	1.35	1.35	0.14	0.97	Off	4
							0.72	4					0.14	0.97		
													0.14	0.97		
20:27:10	12192.00	270	3.6	0.5	95	1	0.72	4	1.34	1.32	1.35	1.35	0.14	0.97	Off	4
	12197.00		3.6		95		0.72	4					0.14	0.97		
							0.72	4					0.14	0.97		
													0.14	0.97		
													0.14	0.97		
20:27:11	12202.00	270	3.6	0.5	95	1	0.72	4	1.34	1.32	1.35	1.35	0.14	0.97	Off	4
		266		0.4		1	0.72	4	1.34	1.32	1.35	1.35	0.14	0.97	Off	4
							0.72	4					0.14	0.97		
													0.14	0.97		
20:27:12	12207.00	266	3.6	0.4	95	1	0.72	4	1.34	1.32	1.35	1.35	0.14	0.98	Off	4
	12212.00				96		0.72	4					0.14	0.97		
							0.72	4					0.14	0.97		
													0.13	0.97		
													0.14	0.97		
20:27:13	12217.00	263	3.6	0.4	96	1	0.72	4	1.34	1.32	1.35	1.34	0.14	0.97	Off	4
		272	3.6	0.2		1	0.72	4	1.34	1.32	1.35	1.34	0.13	0.96	Off	4
							0.72	5					0.13	0.96		
													0.13	0.96		
20:27:14	12222.00	245	3.6	0.2	96	1	0.72	4	1.34	1.32	1.35	1.34	0.13	0.96	Off	4
	12227.00						0.72	4					0.13	0.95		
							0.72	4					0.13	0.95		
													0.13	0.95		
													0.13	0.95		
20:27:15	12237.00	267	3.6	0.3	96	1	0.72	4	1.34	1.32	1.34	1.34	0.13	0.96	Off	4
		267	3.6	0.1	96	1	0.72	4	1.34	1.32	1.35	1.34	0.13	0.95		4
							0.72	4					0.13	0.95		
													0.13	0.95		
20:27:16	12242.00	270	3.6	0.3	96	1	0.72	4	1.34	1.32	1.34	1.34	0.13	0.95	Off	4
							0.72	4					0.13	0.94	Off	
							0.72	3					0.13	0.95		
													0.13	0.95		
													0.13	0.95		
20:27:17	12247.00	270	3.6	0.4	96	1	0.72	3	1.34	1.32	1.34	1.34	0.13	0.95	Off	4
	12252.00		3.6	0.2	96	1	0.72	3	1.34	1.32	1.34	1.34	0.13	0.95		4
							0.72	4					0.13	0.95		
													0.13	0.95		
20:27:18	12257.00	270	2.9	0.2	96	1	0.72	3	1.34	1.32	1.34	1.34	0.13	0.94	Off	4
		270					0.72	4					0.13	0.94	Off	
							0.72	3					0.13	0.93		

Local Time (ref. CVR)	MSL Alt. (FEET)	IAS (KNOTS)	Pitch Angle (degrees)	Elevator Position Right (degrees)	Mag. Heading (degrees)	Roll Angle (degrees)	Rudder Position (upper) (degrees)	Angle of Attack (degrees)	EPR Engine 1 (ratio)	EPR Engine 2 (ratio)	EPR Engine 3 (ratio)	EPR Engine 4 (ratio)	Long. Accel (g)	Vert. Accel. (g)	VHF	Pitch Trim Stal Pos (degrees
													0.13	0.92		
													0.13	0.91		
20:27:19	12262.00	253	3.2	0.4	96	1	0.72	3	1.34	1.32	1.34	1.34	0.13	0.91	Off	4
	12267.00		2.9	0.3	96	0	0.63	3	1.34	1.32	1.34		0.12	0.91		4
							0.63	3					0.12	0.90		
													0.12	0.90		
20:27:20	12272.00	272	2.9	0.4	96	0	0.63	3	1.34	1.32	1.34	1.34	0.12	0.90	Off	4
		273					0.63	3				1.34	0.12	0.91	Off	
							0.63						0.12	0.90		
													0.12	0.91		
													0.12	0.91		
20:27:21	12277.00	274	2.9	0.5	96	0	0.72	3	1.33	1.32	1.34	1.34	0.12	0.92	Off	4
	12282.00		2.9	0.5	96	0	0.72	3	1.34	1.32			0.13	0.93		4
							0.72	3					0.12	0.93		
								3					0.13	0.94		
20:27:22	12282.00	274	2.9	0.5	96	1	0.72	3	1.33	1.32	1.34	1.34	0.13	0.95	Off	4
		274					0.72	4			1.34	1.34	0.13	0.95	Off	
							0.81						0.13	0.95		
													0.13	0.95		
													0.13	0.96		
20:27:23	12282.00	273	2.9	0.5	96	1	0.72	3	1.33	1.31	1.34	1.34	0.13	0.96	Off	4
	12287.00		3.2	0.4	96	3	0.72	4	1.33				0.13	0.97		4
							0.72	3					0.13	0.97		
								4					0.13	0.98		
20:27:24	12287.00	256	3.6	0.5	96	4	0.72	4	1.33	1.31	1.34	1.34	0.13	0.98	Off	4
		276					0.72	4		1.31	1.34	1.34	0.13	0.98	Off	
													0.13	0.99		
													0.13	1.00		
													0.13	1.00		
20:27:25	12287.00	276	3.6	0.5	96	4	0.72	4	1.33	1.31	1.34	1.34	0.13	1.00	Off	4
	12287.00		3.6	0.4	96	4	0.72	3					0.13	1.00		4
							0.54	3					0.13	1.00		
							0.63	4					0.13	1.00		
20:27:26	12297.00	276	3.6	0.4	96	4	0.63	4	1.33	1.31	1.34	1.34	0.13	1.00	Off	4
		277					0.63	4	1.33	1.31	1.34	1.34	0.13	1.00	Off	
													0.13	1.00		
													0.13	1.00		
														1.01		
20:27:27	12297.00	278	4.0	0.3	97	4	0.63	4	1.33	1.31	1.34	1.34	0.13	1.01	Off	4
	12307.00		4.0	0.4	97	4	0.63	4					0.13	1.01		4
							0.72	4					0.13	1.01		
							0.72						0.13	1.01		
													0.13			
20:27:28	12312.00	278	4.0	0.2	97	3	0.72	4	1.33	1.31	1.34	1.34	0.13	1.01	Off	4
		278					0.72	3	1.33	1.31	1.34	1.34	0.13	1.00	Off	
								3					0.13	0.99		
													0.13	0.99		
20:27:29	12297.00	278	4.0	0.3	93	2	0.72	3	1.33	1.31	1.34	1.34	0.13	0.98	Off	4
	12332.00		4.0	0.2	98	1	0.81	3					0.13	0.98		4
							0.72	3					0.13	0.99		
							0.81						0.13	0.99		
													0.13	0.98		
20:27:30	12337.00	278	4.0	0.2	98	1	0.81	3	1.33	1.31	1.34	1.34	0.13	0.98	Off	4
		278					0.81	3	1.33	1.31	1.34	1.33	0.13	0.98	Off	
								3					0.12	0.97		
													0.12	0.96		
20:27:31	12352.00	279	3.6	0.2	98	0	0.81	3	1.33	1.31	1.34	1.34	0.12	0.95	Off	4
	12357.00		3.6	0.4	98	0	0.72	3					0.12	0.94		4
							0.72	3					0.12	0.93		
													0.12	0.93		
													0.12	0.93		
20:27:32	12367.00	279	3.6	0.3	98	-1	0.72	3	1.33	1.31	1.34	1.34	0.12	0.94	Off	4
		280					0.72	3	1.33	1.31	1.34	1.34	0.12	0.93	Off	
							0.72	4					0.12	0.92		
													0.12	0.91		
20:27:33	12377.00	280	3.6	0.4	98	-1	0.72	3	1.33	1.31	1.33	1.34	0.12	0.91	Off	4
	12362.00		3.6	0.4	93	-1	0.72	3					0.12	0.91		4
							0.72	3					0.12	0.91		
													0.12	0.91		
														0.91		
20:27:34	12397.00	280	3.2	0.3	97	-1	0.72	3	1.33	1.31	1.34	1.34	0.12	0.91	Off	4
		281					0.72	3	1.33	1.31	1.34	1.34	0.11	0.91	Off	
							0.72	3					0.12	0.91		
													0.11	0.90		
													0.12			
20:27:35	12407.00	281	3.2	0.4	97	-1	0.72	3	1.33	1.31	1.33	1.34	0.11	0.91	Off	4
	12412.00		2.9	0.4	97	-1	0.72	3					0.12	0.91		4
							0.81	3					0.12	0.91		
													0.12	0.91		
20:27:36	12417.00	281	3.2	0.4	97	0	0.90	3	1.33	1.31	1.33	1.34	0.11	0.92	Off	4
		282					0.72	3	1.32	1.30	1.33	1.33	0.11	0.91	Off	
							0.72	3					0.12	0.91		
													0.11	0.92		
													0.11	0.92		
20:27:37	12417.00	282	2.9	0.3	97	-1	0.72	3	1.32	1.30	1.33	1.33	0.11	0.92	Off	4
	12427.00		2.9	0.3	97	-1	0.72	3					0.11	0.93		4
							0.63	3					0.11	0.92		
													0.11	0.92		
20:27:38	12412.00	282	2.9	0.4	93	-1	0.63	3	1.32	1.30	1.33	1.33	0.11	0.92	Off	4
		283					0.63	3	1.32	1.30	1.33	1.33	0.11	0.92	Off	
							0.63	3					0.11	0.92		
													0.11	0.92		
													0.11	0.93		
20:27:39	12432.00	284	2.9	0.4	96	-1	0.63	3	1.32	1.30	1.33	1.33	0.11	0.93	Off	4
	12437.00		2.9	0.5	96	-1	0.63	3					0.11	0.93		
							0.72	3					0.11	0.93		
													0.11	0.94		
20:27:40	12442.00	284	3.2	0.4	96	-1	0.72	3	1.32	1.30	1.33	1.33	0.11	0.95	Off	4
		284					0.72	3	1.32	1.30	1.33	1.33	0.12	0.96	Off	4
							0.72	3					0.12	0.97		
													0.12	0.98		
													0.12	0.98		
20:27:41	12442.00	266	3.2	0.2	96	0	0.72	3	1.32	1.30	1.33	1.33	0.12	0.98	Off	4
	12447.00		2.9	0.2	96	0	0.72	3					0.12	0.99		
							0.72	4					1.32	0.98		
													0.12	0.98		
20:27:42	12452.00	283	2.9	0.3	96	1	0.72	3	1.32	1.30	1.32	1.33	0.12	0.98	Off	4
		286					0.72	4	1.32	1.30	1.33	1.33	0.11	0.97	Off	4
							0.72	3					0.11	0.97		
													0.11	0.97		
													0.11	0.97		
20:27:43	12442.00	286	2.9	0.4	93	1	0.63	3	1.32	1.30	1.32	1.33	0.11	0.97	Off	4

Local Time (ref. CVR)	MSL Alt. (FEET)	IAS (KNOTS)	Pitch Angle (degrees)	Elevator Position Right (degrees)	Mag. Heading (degrees)	Roll Angle (degrees)	Rudder Position (upper) (degrees)	Angle of Attack (degrees)	EPR Engine 1 (ratio)	EPR Engine 2 (ratio)	EPR Engine 3 (ratio)	EPR Engine 4 (ratio)	Long. Accel (g)	Vert. Accel. (g)	VHF	Pitch Trim Stal Pos (degrees
	12462.00		2.9	0.3	96	1	0.63	3					0.11	0.97		
							0.63	3					0.11	0.97		
													0.11	0.97		
20:27:44	12467.00	287	2.9	0.3	96	1	0.72	3	1.32	1.30	1.32	1.33	0.11	0.97	Off	4
		288					0.63	3	1.32	1.30	1.32	1.33	0.11	0.97	Off	4
							0.63	3					0.11	0.97		
													0.11	0.97		
													0.11	0.97		
20:27:45	12472.00	288	2.9	0.3	97	1	0.63	3	1.31	1.30	1.32	1.33	0.11	0.98	Off	4
	12482.00		3.2	0.3	97	1	0.63	3					0.11	0.98		
							0.72	3					0.11	0.98		
													0.11	0.97		
20:27:46	12487.00	288	2.9	0.2	97	1	0.72	3	1.31	1.29	1.32	1.33	0.11	0.97	Off	4
		288					0.72	3	1.31	1.30	1.32	1.33	0.11	0.97	Off	4
							0.72	3					0.11	0.97		
													0.11	0.97		
													0.11	0.97		
20:27:47	12492.00	289	2.9	0.2	97	1	0.72	4	1.31	1.29	1.32	1.32	0.11	0.97	Off	4
	12487.00		3.2	0.3	92	1	0.72	3					0.11	0.97		
							0.72	3					0.11	0.97		
													0.11	0.98		
20:27:48	12507.00	289	3.6	0.3	97	1	0.72	3	1.31	1.29	1.30	1.32	0.11	0.98	Off	4
		290					0.72	3	1.30	1.29	1.29	1.32	0.11	0.98	Off	4
							0.72	3					0.11	0.98		
													0.11	0.98		
													0.11	0.98		
20:27:49	12512.00	290	3.6	0.4	97	1	0.72	3	1.28	1.28	1.27	1.30	0.11	0.98	Off	4
	12517.00		3.6		96	0	0.72	3					0.11	0.98		
							0.72	3					0.11	0.98		
													0.11	0.98		
													0.11	0.98		
20:27:50	12527.00	290	3.6	0.2	97	0	0.72	3	1.27	1.26	1.25	1.28	0.10	0.98	Off	4
		290		0.3			0.72	3	1.25	1.25	1.24	1.26	0.10	0.98	Off	4
							0.72	3					0.10	0.98		
													0.10	0.96		
														0.96		
20:27:51	12537.00	291	3.6	0.3	97	0	0.72	3	1.24	1.23	1.23	1.25	0.10	0.96	Off	4
	12547.00		3.2		97	0	0.72	3					0.10	0.96		
							0.72	4					0.10	0.96		
													0.10	0.96		
													0.09			
20:27:52	12552.00	292	3.6	0.3	94	0	0.72	3	1.23	1.22	1.22	1.24	0.10	0.96	Off	4
		290		0.3			0.72	3	1.22	1.22	1.21	1.23	0.09	0.96	Off	4
							0.72	3					0.09	0.96		
													0.09	0.96		
20:27:53	12562.00	291	3.6	0.4	97	0	0.72	3	1.22	1.21	1.20	1.22	0.09	0.96	Off	4
	12572.00		3.6		97		0.72	3					0.09	0.96		
							0.72	3					0.09	0.96		
													0.09	0.96		
													0.09	0.96		
20:27:54	12582.00	292	3.6	0.2	97	0	0.72	3	1.21	1.20	1.20	1.21	0.09	0.96	Off	4
		292		0.5		0	0.72	3	1.20	1.20	1.19	1.21	0.09	0.95	Off	4
							0.72	3					0.09	0.95		
													0.09	0.95		
20:27:55	12592.00	292	3.6	0.2	97	0	0.72	3	1.20	1.19	1.19	1.20	1.26	0.95	Off	3
	12597.00				97		0.72	3					0.09	0.95		
							0.72	3					0.09	0.96		
													0.09	0.96		
													0.09	0.95		
20:27:56	12607.00	290	3.6	0.2	97	0	0.72	3	1.19	1.19	1.19	1.20	0.09	0.95	Off	3
		292	3.2	0.0		0	0.72	4	1.19	1.19	1.18	1.20	0.09	0.95	Off	3
							0.72	3					0.08	0.95		
													0.09	0.95		
20:27:57	12612.00	275	3.6	0.2	97	0	0.72	3	1.19	1.18	1.18	1.20	0.09	0.95	Off	3
	12622.00						0.72	3					0.09	0.95		
							0.72	3					0.08	0.94		
													0.08	0.94		
													0.08	0.93		
20:27:58	12632.00	292	3.2	0.3	97	0	0.72	3	1.19	1.18	1.18	1.20	0.08	0.92	Off	3
		292	3.2	0.4	97	-1	0.72	3	1.18	1.18	1.18	1.20	0.08	0.92		3
							0.72	3					0.08	0.91		
													0.08	0.91		
20:27:59	12642.00	292	2.9	0.4	97	-1	0.72	3	1.18	1.18	1.18	1.20	0.08	0.91	Off	3
							0.72	3					0.08	0.91	Off	
							0.72	3					0.08	0.92		
													0.08	0.93		
													0.08	0.93		
20:28:00	12647.00	292	2.9	0.5	96	-1	0.72	3	1.18	1.18	1.18	1.20	0.08	0.94	Off	3
	12652.00		3.2	0.4	96	-1	0.72	3	1.18	1.18	1.18	1.20	0.08	0.94		3
							0.72	3					0.08	0.95		
													0.08	0.95		
20:28:01	12657.00	292	2.9	0.3	96	0	0.72	4	1.18	1.17	1.18	1.19	0.08	0.96	Off	3
		292					0.72	3					0.08	0.96	Off	
							0.63	3					0.08	0.96		
													0.08	0.95		
													0.08	0.95		
20:28:02	12667.00	276	3.2	0.3	96	0	0.63	3	1.18	1.17	1.18	1.19	0.08	0.94	Off	3
	12677.00		2.9	0.5	97	0	0.72	3	1.18	1.17	1.18		0.08	0.94		3
							0.72	3					0.08	0.94		
													0.08	0.95		
20:28:03	12682.00	293	2.9	0.5	97	0	0.72	3	1.18	1.17	1.18	1.19	0.08	0.95	Off	3
		293					0.72	3				1.19	0.08	0.96	Off	
							0.72						0.08	0.97		
													0.08	0.97		
													0.08	0.97		
20:28:04	12687.00	293	2.9	0.3	97	0	0.72	3	1.17	1.17	1.18	1.19	0.08	0.97	Off	3
	12692.00		2.9	0.3	97	0	0.72	3	1.17	1.17			0.08	0.96		3
							0.72	3					0.08	0.96		
								3					0.08	0.95		
20:28:05	12697.00	293	2.9	0.4	97	0	0.72	3	1.17	1.17	1.17	1.19	0.08	0.94	Off	3
		293					0.72	3			1.17	1.19	0.08	0.94	Off	
							0.72						0.08	0.94		
													0.08	0.94		
													0.08	0.94		
20:28:06	12707.00	293	2.9	0.2	96	0	0.72	3	1.17	1.17	1.17	1.19	0.08	0.94	Off	3
	12712.00		2.9	0.4	96	0	0.72	4	1.17				0.08	0.94		3
							0.72	3					0.08	0.94		
								3					0.08	0.94		
20:28:07	12717.00	276	2.9	0.3	96	0	0.72	3	1.17	1.16	1.17	1.18	0.08	0.94	Off	3
		293					0.63	3		1.16	1.17	1.18	0.08	0.95	Off	
													0.08	0.95		
													0.08	0.95		
													0.08	0.95		

Local Time (ref. CVR)	MSL Alt. (FEET)	IAS (KNOTS)	Pitch Angle (degrees)	Elevator Position Right (degrees)	Mag. Heading (degrees)	Roll Angle (degrees)	Rudder Position (upper) (degrees)	Angle of Attack (degrees)	EPR Engine 1 (ratio)	EPR Engine 2 (ratio)	EPR Engine 3 (ratio)	EPR Engine 4 (ratio)	Long. Accel (g)	Vert. Accel. (g)	VHF	Pitch Trim Stal Pos (degrees
20:28:08	12727.00	294	2.9	0.5	96	0	0.63	3	1.17	1.16	1.17	1.18	0.08	0.96	Off	3
	12732.00		2.9	0.5	96	0	0.63	3					0.08	0.96		3
							0.63	3					0.08	0.96		
							0.72	3					0.08	0.97		
20:28:09	12737.00	294	2.9	0.4	97	0	0.72	3	1.17	1.16	1.17	1.18	0.08	0.97	Off	3
		294					0.72	3	1.17	1.31	1.17	1.18	0.08	0.97	Off	
													0.08	0.97		
													0.08	0.96		
														0.96		
20:28:10	12742.00	294	2.9	0.3	97	0	0.72	3	1.17	1.16	1.17	1.18	0.08	0.95	Off	3
	12747.00		2.9	0.3	96	0	0.72	3					0.08	0.95		4
							0.72	3					0.08	0.95		
							0.72						0.08	0.95		
													0.08			
20:28:11	12757.00	294	2.9	0.3	97	0	0.72	4	1.17	1.16	1.17	1.18	0.08	0.95	Off	3
		277					0.72	3	1.17	1.16	1.17	1.18	0.08	0.94	Off	
								3					0.08	0.94		
													0.08	0.94		
20:28:12	12762.00	294	2.9	0.3	96	0	0.72	3	1.17	1.16	1.16	1.17	0.08	0.94	Off	3
	12767.00		2.9	0.3	96	0	0.72	3					0.08	0.95		3
							0.72	3					0.08	0.95		
							0.72						0.08	0.95		
													0.08	0.95		
20:28:13	12777.00	294	2.9	0.2	96	0	0.72	3	1.17	1.15	1.16	1.17	0.08	0.95	Off	3
		294					0.72	3	1.16	1.15	1.16	1.17	0.08	0.96	Off	
								3					0.08	0.95		
													0.08	0.95		
20:28:14	12782.00	294	2.9	0.2	96	0	0.72	3	1.16	1.15	1.16	1.17	0.08	0.95	Off	3
	12787.00		2.9	0.2	96	0	0.72	3					0.08	0.95		3
							0.72	3					0.08	0.95		
													0.08	0.94		
													0.08	0.94		
20:28:15	12792.00	294	2.9	0.3	96	0	0.72	3	1.16	1.15	1.15	1.17	0.08	0.94	Off	3
		294					0.72	3	1.16	1.14	1.14	1.16	0.08	0.94	Off	
							0.63	4					0.08	0.95		
													0.08	0.94		
20:28:16	12797.00	280	2.9	0.1	96	0	0.72	3	1.15	1.14	1.14	1.15	0.07	0.94	Off	3
	12802.00		2.9	0.3	96	0	0.72	3					0.07	0.94		3
							0.72	3					0.08	0.94		
													0.07	0.94		
														0.94		
20:28:17	12807.00	294	2.9	0.1	96	0	0.72	3	1.15	1.13	1.13	1.14	0.07	0.94	Off	3
		294					0.72	3	1.14	1.11	1.12	1.13	0.07	0.94	Off	
							0.72	3					0.07	0.93		
													0.07	0.93		
													0.07			
20:28:18	12812.00	294	2.5	0.3	97	0	0.72	3	1.14	1.10	1.12	1.13	0.07	0.93	Off	3
	12817.00		2.5	0.2	97	0	0.72	3					0.07	0.93		3
							0.72	3					0.07	0.94		
													0.07	0.94		
20:28:19	12822.00	294	2.5	0.2	97	0	0.72	3	1.13	1.10	1.12	1.13	0.07	0.94	Off	3
		294					0.81	3	1.13	1.09	1.12	1.13	0.07	0.94	Off	
							0.72	3					0.07	0.93		
													0.07	5.25		
													0.07	0.94		
20:28:20	12842.00	294	2.2	0.1	93	0	0.72	3	1.13	1.09	1.12	1.12	0.07	0.95	On	3
	12827.00		2.2	0.4	96	0	0.72	4					0.07	0.95		4
							0.72	3					0.07	0.95		
													0.07	0.96		
20:28:21	12847.00	294	2.2	0.4	92	0	0.72	3	1.13	1.09	1.12	1.12	0.07	0.95	On	4
		294					0.72	3	1.13	1.09	1.12	1.12	0.07	0.95	On	
							0.72	3					0.07	0.96		
													0.07	0.97		
													0.07	0.97		
20:28:22	12832.00	294	2.2	0.5	96	-1	0.63	3	1.13	1.09	1.12	1.12	0.07	0.98	On	4
	12837.00		2.2	0.4	96	-1	0.72	3					0.07	0.98		
							0.63	3					0.07	0.98		
													0.07	0.98		
20:28:23	12842.00	294	2.2	0.3	96	-1	0.63	3	1.12	1.09	1.12	1.12	0.07	0.98	On	4
		294					0.72	3	1.12	1.09	1.11	1.12	0.07	0.98	On	4
							0.72	3					0.07	0.98		
													0.07	0.97		
													0.07	0.96		
20:28:24	12847.00	294	2.2	0.4	96	-1	0.72	3	1.12	1.08	1.11	1.12	0.06	0.96	On	4
	12877.00		2.2	0.5	92	-1	0.72	3					0.07	0.96		
							0.72	3					0.07	0.96		
													0.07	0.97		
20:28:25	12862.00	294	2.5	0.4	96	-2	0.72	3	1.12	1.08	1.10	1.11	0.07	0.97	On	4
		294					0.72	3	1.12	1.08	1.10	1.11	0.06	0.97	Off	4
							0.72	3					0.06	0.97		
													0.07	0.97		
													0.07	0.97		
20:28:26	12887.00	294	2.5	0.5	91	-3	0.81	3	1.12	1.08	1.10	1.11	0.07	0.98	Off	4
	12872.00		2.5	0.5	96	-4	0.72	3					0.07	0.97		
							0.72	3					0.07	0.98		
													0.06	0.98		
20:28:27	12877.00	294	2.5	0.5	96	-5	0.72	3	1.12	1.08	1.10	1.11	0.07	0.98	Off	4
		294					0.72	3	1.12	1.08	1.10	1.11	0.07	0.98	Off	4
								3					0.07	0.98		
													0.07	0.98		
													0.07	0.98		
20:28:28	12882.00	294	2.9	0.4	96	-6	0.72	3	1.12	1.08	1.10	1.11	0.07	0.98	On	4
	12887.00		2.9	0.5	96	-7	0.72	3					0.07	0.98		
							0.72	3					0.07	0.98		
													0.06	0.98		
20:28:29	12897.00	292	2.9	0.4	95	-8	0.72	3	1.12	1.08	1.10	1.10	0.07	0.98	On	4
		288					0.81	3	1.12	1.08	1.10	1.10	0.06	0.97	On	4
							0.81	3					0.06	0.97		
													0.07	0.97		
													0.06	0.97		
20:28:30	12902.00	294	2.9	0.4	95	-9	0.72	3	1.12	1.08	1.10	1.10	0.06	0.97	On	4
	12937.00		2.9	0.5	90	-10	0.72	3					0.06	0.97		
							0.72	3					0.07	0.97		
													0.06	0.96		
20:28:31	12917.00	290	2.9	0.5	94	-11	0.72	3	1.11	1.08	1.10	1.10	0.06	0.97	On	4
		294					0.72	3	1.12	1.08	1.10	1.10	0.06	0.97	On	4
							0.72	3					0.07	0.97		
													0.06	0.97		
													0.07	0.97		
20:28:32	12922.00	294	2.9	0.4	94	-12	0.72	3	1.11	1.07	1.09	1.10	0.06	0.98	On	4
	12927.00		2.9		94	-13	0.72	3					0.06	0.98		
							0.72	3					0.06	0.98		

Local Time (ref. CVR)	MSL Alt. (FEET)	IAS (KNOTS)	Pitch Angle (degrees)	Elevator Position Right (degrees)	Mag. Heading (degrees)	Roll Angle (degrees)	Rudder Position (upper) (degrees)	Angle of Attack (degrees)	EPR Engine 1 (ratio)	EPR Engine 2 (ratio)	EPR Engine 3 (ratio)	EPR Engine 4 (ratio)	Long. Accel (g)	Vert. Accel. (g)	VHF	Pitch Trim Stal Pos (degrees
													0.06	0.98		
20:28:33	12937.00	294	2.9	0.4	93	-15	0.72	3	1.11	1.07	1.09	1.10	0.06	0.97	On	4
		294		0.4			0.72	3	1.11	1.07	1.09	1.10	0.06	0.96	On	4
							0.72	3					0.06	0.96		
													0.06	0.96		
														0.95		
20:28:34	12937.00	283	2.9	0.3	93	-16	0.72	3	1.11	1.07	1.09	1.09	0.06	0.96	On	4
	12947.00		2.9		92	-17	0.72	3					0.06	0.96		
							0.72	4					0.06	0.96		
													0.06	0.96		
													0.06			
20:28:35	12982.00	294	2.9	0.3	88	-18	0.72	3	1.10	1.06	1.07	1.08	0.06	0.96	On	4
		292		0.4			0.72	3	1.09	1.05	1.05	1.07	0.06	0.96	On	4
							0.72	3					0.06	0.96		
													0.06	0.95		
20:28:36	12957.00	294	2.9	0.4	91	-18	0.72	3	1.08	1.05	1.05	1.05	0.06	0.95	On	4
	12962.00		2.9		91		0.72	3					0.06	0.94		
							0.72	3					0.05	0.94		
													0.05	0.94		
													0.05	0.95		
20:28:37	12967.00	293	2.9	0.5	90	-19	0.72	3	1.08	1.04	1.04	1.04	0.05	0.97	On	4
		294		0.5		-19	0.72	3	1.08	1.04	1.04	1.03	0.05	0.98	On	4
							0.72	3					0.06	0.98		
													0.06	0.99		
20:28:38	12967.00	294	2.9	0.4	90	-18	0.72	3	1.08	1.04	1.04	1.03	0.06	1.00	On	4
	12967.00				89		0.63	3					0.06	1.00		
							0.72	3					0.06	1.01		
													0.06	1.01		
													0.06	1.01		
20:28:39	12967.00	290	2.9	0.5	89	-18	0.72	3	1.07	1.04	1.04	1.03	0.06	1.01	On	4
		294	2.9	0.5		-17	0.72	4	1.07	1.04	1.03	1.03	0.06	1.01	On	4
							0.72	3					0.06	1.01		
													0.06	1.01		
20:28:40	12992.00	290	2.9	0.5	85	-18	0.72	3	1.07	1.04	1.03	1.03	0.06	1.01	On	4
	12972.00						0.63	3					0.06	1.02		
							0.63	3					0.06	1.02		
													0.06	1.03		
													0.06	1.04		
20:28:41	12977.00	293	3.2	0.5	87	-17	0.63	3	1.07	1.03	1.03	1.03	0.06	1.05	On	4
		293	3.2	0.5	87	-17	0.63	3	1.07	1.04	1.03	1.03	0.06	1.06		4
							0.63	3					0.06	1.06		
													0.06	1.07		
20:28:42	12977.00	292	3.6	0.5	86	-17	0.63	3	1.07	1.03	1.03	1.03	0.06	1.07	On	4
							0.63	3					0.06	1.08	On	
							0.63	3					0.06	1.08		
													0.06	1.08		
													0.06	1.08		
20:28:43	12982.00	292	3.6	0.4	85	-17	0.63	3	1.07	1.04	1.03	1.03	0.06	1.08	On	4
	12987.00		3.6	0.4	85	-16	0.72	4	1.07	1.03	1.03	1.03	0.06	1.08		4
							0.63	3					0.06	1.07		
													0.06	1.07		
20:28:44	12997.00	302	3.6	0.2	84	-15	0.72	4	1.07	1.04	1.03	1.03	0.06	1.06	On	4
		292					0.72	3					0.06	1.05	Off	
							0.72	3					0.06	1.04		
													0.06	1.03		
													0.06	1.03		
20:28:45	13007.00	284	3.6	0.4	84	-16	0.72	3	1.07	1.03	1.03	1.03	0.06	1.02	Off	4
	13012.00		3.6	0.0	83	-16	0.72	3	1.07	1.03	1.03		0.06	1.02		4
							0.72	3					0.06	1.00		
													0.06	0.99		
20:28:46	13022.00	288	3.6	0.1	83	-16	0.72	3	1.07	1.03	1.03	1.03	0.06	0.99	Off	4
		286					0.72	3				1.03	0.05	0.98	Off	
							0.63	3					0.05	0.98		
													0.05	0.97		
													0.05	0.97		
20:28:47	13037.00	290	3.6	0.1	82	-16	0.63	3	1.06	1.02	1.02	1.02	0.05	0.97	Off	4
	13042.00		3.2	0.2	82	-15	0.63	3	1.04	1.01			0.05	0.97		4
							0.63	3					0.05	0.97		
								3					0.05	0.97		
20:28:48	13052.00	288	3.6	0.2	81	-13	0.54	3	1.03	1.01	1.01	1.01	0.05	0.97	On	4
		298					0.63	3			1.01	1.00	0.05	0.98	Off	
							0.18						0.05	0.98		
													0.05	0.98		
													0.04	0.98		
20:28:49	13062.00	288	3.2	0.0	81	-11	0.63	4	1.01	1.00	1.01	1.00	0.04	0.97	Off	4
	13067.00		2.9	0.0	81	-10	0.63	3	1.00				0.04	0.96		4
							0.63	3					0.04	0.95		
								3					0.04	0.94		
20:28:50	13072.00	270	2.9	0.1	81	-9	0.54	3	1.00	1.00	1.01	1.00	0.03	0.93	Off	4
		286					0.54	3		1.00	1.00	1.00	0.03	0.93	Off	
													0.03	0.92		
													0.03	0.92		
													0.03	0.92		
20:28:51	13082.00	283	2.9	0.0	80	-8	0.54	3	1.00	1.00	1.00	1.00	0.02	0.92	Off	4
	13107.00		2.9	0.3	78	-8	0.54	3					0.02	0.90		4
							0.54	3					0.02	0.89		
							0.54	3					0.02	0.88		
20:28:52	13127.00	282	2.5	0.2	77	-7	0.54	3	1.00	1.00	1.00	1.00	0.02	0.88	Off	4
		276					0.54	3	1.00	1.00	1.00	1.00	0.02	0.87	Off	
													0.02	0.88		
													0.01	0.88		
														0.89		
20:28:53	13102.00	295	2.5	0.0	80	-6	0.54	3	1.00	1.00	1.01	1.00	0.01	0.89	Off	4
	13107.00		2.2	0.0	80	-5	0.72	3					0.01	0.89		4
							0.72	3					0.01	0.88		
							0.72						0.01	0.87		
													0.01			
20:28:54	13112.00	294	2.2	0.0	80	-4	0.72	4	1.00	1.00	1.00	1.00	0.01	0.86	Off	4
		266					0.81	3	1.00	1.00	1.00	1.00	0.01	0.85	Off	
								3					0.01	0.84		
													0.01	0.83		
20:28:55	13117.00	283	1.8	0.0	80	-3	0.72	3	1.00	1.00	1.00	1.00	0.01	0.83	Off	4
	13117.00		1.4	0.0	80	-2	0.72	3					0.01	0.83		4
							0.72	3					0.01	0.83		
							0.72						0.01	0.83		
													0.01	0.83		
20:28:56	13117.00	284	1.1	0.0	80	-1	0.72	3	1.00	1.01	1.00	1.00	0.01	0.83	Off	4
		280					0.72	3	1.00	1.00	1.00	1.00	0.01	0.83	Off	
								3					0.01	0.83		
													0.01	0.83		
20:28:57	13122.00	278	0.7	0.1	78	-1	0.72	3	1.00	1.00	1.00	1.00	0.01	0.83	Off	4
	13132.00		0.7	0.2	77	0	0.72	3					0.01	0.83		4

Local Time (ref. CVR)	MSL Alt. (FEET)	IAS (KNOTS)	Pitch Angle (degrees)	Elevator Position Right (degrees)	Mag. Heading (degrees)	Roll Angle (degrees)	Rudder Position (upper) (degrees)	Angle of Attack (degrees)	EPR Engine 1 (ratio)	EPR Engine 2 (ratio)	EPR Engine 3 (ratio)	EPR Engine 4 (ratio)	Long. Accel (g)	Vert. Accel. (g)	VHF	Pitch Trim Stal Pos (degrees
							0.72	3					0.01	0.83		
													0.01	0.83		
													0.01	0.84		
20:28:58	13102.00	292	0.7	0.2	80	0	0.72	93	1.00	1.00	1.00	1.00	0.01	0.84	Off	4
		293					0.72	3	1.00	1.00	1.00	1.00	0.01	0.85	Off	
							0.72	4					0.01	0.86		
													0.01	0.86		
20:28:59	13092.00	269	0.7	0.4	80	0	0.72	3	1.00	1.00	1.00	1.00	0.01	0.87	Off	4
	13082.00		0.4	0.5	80	1	0.72	3					0.01	0.88		4
							0.72	3					0.01	0.88		
													0.01	0.89		
														0.89		
20:29:00	13072.00	286	0.4	0.6	80	1	0.72	3	1.00	1.01	1.00	1.00	0.01	0.90	Off	4
		286					0.72	3	1.00	1.00	1.00	1.00	0.01	0.90	Off	
							0.72	3					0.01	0.91		
													0.01	0.92		
													0.01			
20:29:01	13057.00	286	0.4	0.7	80	1	0.72	3	1.00	1.00	1.00	1.00	0.01	0.93	Off	4
	13042.00		0.4	0.9	80	1	0.72	3					0.02	0.94		4
							0.72	3					0.02	0.95		
													0.02	0.95		
20:29:02	13032.00	286	0.7	1.1	80	1	0.72	3	1.00	1.01	1.00	1.00	0.02	0.97	Off	4
		286					0.63	3	1.00	1.00	1.00	1.00	0.02	0.97	Off	
							0.63	4					0.02	0.98		
													0.02	0.99		
													0.02	1.00		
20:29:03	13017.00	285	0.7	1.0	80	1	0.72	4	1.00	1.01	1.00	1.00	0.03	1.01	Off	4
	13007.00		1.1	1.0	80	1	0.72	4					0.02	1.01		4
							0.72	4					0.03	1.02		
													0.03	1.02		
20:29:04	12997.00	274	1.4	0.9	80	1	0.72	4	1.00	1.00	1.00	1.00	0.03	1.01	Off	4
		284					0.72	4	1.00	1.00	1.00	1.00	0.03	1.01	Off	
							0.72	4					0.03	1.01		
													0.03	1.02		
													0.03	1.02		
20:29:05	12987.00	284	1.4	1.0	80	1	0.72	4	1.00	1.00	1.00	1.00	0.03	1.03	Off	4
	12977.00		2.2	0.9	80	0	0.72	4					0.03	1.04		
							0.72	4					0.03	1.05		
													0.03	1.06		
20:29:06	12967.00	284	2.5	0.7	80	0	0.81	4	1.00	1.00	1.00	1.00	0.03	1.08	Off	4
		282					0.81	4	1.00	1.00	1.00	1.00	0.04	1.09	Off	4
							0.81	4					0.04	1.11		
													0.04	1.11		
													0.04	1.11		
20:29:07	12962.00	278	2.9	0.7	80	0	0.72	4	1.00	1.00	1.01	1.00	0.04	1.10	Off	4
	12957.00		3.2	0.7	80	0	0.72	4					0.04	1.09		
							0.72	4					0.04	1.09		
													0.04	1.09		
20:29:08	12952.00	282	3.6	0.3	80	0	0.72	5	1.00	1.00	1.00	1.00	0.04	1.09	Off	4
		281					0.72	4	1.00	1.00	1.00	1.00	0.04	1.09	Off	4
							0.72	4					0.04	1.08		
													0.03	1.07		
													0.03	1.06		
20:29:09	12987.00	280	3.6	0.2	76	0	0.72	4	1.00	1.00	1.00	1.00	0.03	1.04	Off	4
	12957.00		3.6	0.3	80	0	0.72	4					0.03	1.03		
							0.72	4					0.03	1.02		
													0.03	1.01		
20:29:10	12962.00	280	3.6	0.2	80	0	0.72	4	1.00	1.00	1.00	1.00	0.03	1.00	Off	4
		280					0.72	4	1.00	1.00	1.00	1.00	0.03	0.99	Off	4
							0.72	3					0.03	0.99		
													0.03	0.98		
													0.03	0.98		
20:29:11	12967.00	280	3.6	0.2	80	0	0.72	4	1.00	1.00	1.00	1.00	0.03	0.98	Off	4
	12972.00		3.6	0.2	80	0	0.72	3					0.03	0.98		
							0.72	3					0.03	0.98		
													0.03	0.97		
20:29:12	12977.00	285	3.2	0.1	80	1	0.72	3	1.00	1.01	1.00	1.00	0.02	0.97	Off	4
		274					0.72	3	1.00	1.00	1.00	1.00	0.03	0.96	Off	4
							0.72	3					0.02	0.95		
													0.02	0.94		
													0.02	0.93		
20:29:13	12982.00	278	3.2	0.0	80	0	0.72	3	1.00	1.00	1.00	1.00	0.02	0.92	Off	4
	13017.00		2.9	0.1	76	0	0.72	3					0.02	0.91		
							0.72	3					0.02	0.90		
													0.02	0.89		
20:29:14	12987.00	277	2.5	0.2	80	0	0.72	3	1.00	1.01	1.00	1.00	0.02	0.88	Off	4
		278					0.72	3	1.00	1.01	1.00	1.00	0.02	0.88	Off	4
							0.72	3					0.02	0.88		
													0.02	0.87		
													0.02	0.87		
20:29:15	12992.00	278	2.5	0.3	80	-1	0.72	3	1.00	1.00	1.00	1.00	0.02	0.88	Off	4
	12992.00		2.5		80	-1	0.72	3					0.02	0.88		
							0.72	3					0.02	0.88		
													0.02	0.89		
20:29:16	12997.00	278	2.2	0.2	80	0	0.72	3	1.00	1.01	1.00	1.00	0.02	0.89	Off	4
		272		0.2			0.72	3	1.00	1.00	1.00	1.00	0.02	0.89	Off	4
							0.81	3					0.02	0.89		
													0.02	0.88		
														0.88		
20:29:17	12997.00	284	2.2	0.2	80	0	0.72	4	1.00	1.00	1.00	1.00	0.02	0.87	Off	4
	12992.00		1.8		80	0	0.72	3					0.02	0.89		
							0.72	3					0.02	0.89		
													0.02	0.89		
													0.02			
20:29:18	13022.00	278	1.8	0.3	76	0	0.72	3	1.00	1.00	1.00	1.00	0.02	0.89	Off	4
		275		0.3			0.72	3	1.00	1.01	1.00	1.00	0.02	0.90	Off	4
							0.72	3					0.02	0.90		
													0.02	0.90		
20:29:19	12987.00	278	1.4	0.3	80	0	0.63	3	1.00	1.01	1.00	1.00	0.03	0.91	Off	4
	12982.00		1.4		80		0.63	3					0.02	0.91		
							0.63	3					0.03	0.91		
													0.03	0.91		
													0.03	0.91		
20:29:20	12992.00	284	1.1	0.3	78	1	0.63	3	1.00	1.00	1.00	1.00	0.03	0.90	Off	4
		270		0.3		0	0.63	3	1.00	1.01	1.00	1.00	0.03	0.90	Off	4
							0.72	3					0.03	0.90		
													0.03	0.89		
20:29:21	12982.00	262	0.7	0.3	79	0	0.63	3	1.00	1.00	1.00	1.00	0.03	0.89	Off	4
	12962.00				80		0.63	3					0.03	0.89		
							0.63	4					0.03	0.88		
													0.03	0.88		
													0.03	0.88		

Local Time (ref. CVR)	MSL Alt. (FEET)	IAS (KNOTS)	Pitch Angle (degrees)	Elevator Position Right (degrees)	Mag. Heading (degrees)	Roll Angle (degrees)	Rudder Position (upper) (degrees)	Angle of Attack (degrees)	EPR Engine 1 (ratio)	EPR Engine 2 (ratio)	EPR Engine 3 (ratio)	EPR Engine 4 (ratio)	Long. Accel (g)	Vert. Accel. (g)	VHF	Pitch Trim Stal Pos (degrees
20:29:22	12957.00	275	0.7	0.5	80	0	0.72	3	1.00	1.01	1.00	1.00	0.03	0.89	Off	4
		276	0.7	0.6		0	0.72	4	1.00	1.00	1.00	1.00	0.03	0.89	Off	4
							0.63	3					0.03	0.90		
													0.03	0.91		
20:29:23	12977.00	284	0.7	0.5	76	-1	0.72	3	1.00	1.00	1.00	1.00	0.03	0.92	Off	4
	12937.00						0.72	3					0.03	0.93		
							0.72	3					0.03	0.93		
													0.03	0.93		
													0.03	0.94		
20:29:24	12927.00	276	0.7	0.6	80	-1	0.72	4	1.00	1.01	1.00	1.00	0.04	0.94	Off	4
		274	0.7	0.8	80	-1	0.72	3	1.00	1.00	1.00	1.00	0.04	0.94		4
							0.72	3					0.04	0.94		
													0.04	0.95		
20:29:25	12917.00	280	0.7	0.9	80	-1	0.72	3	1.00	1.00	1.00	1.00	0.04	0.95	Off	4
							0.72	3					0.04	0.96	Off	
							0.72	3					0.04	0.97		
													0.04	0.98		
													0.05	0.98		
20:29:26	12917.00	260	0.7	0.9	78	-1	0.72	3	1.00	1.01	1.01	1.00	0.05	0.99	Off	4
	12897.00		1.1	0.7	80	-2	0.72	4	1.01	1.00	1.01	1.00	0.05	1.00		4
							0.63	4					0.05	1.01		
													0.05	1.01		
20:29:27	12887.00	286	1.1	0.8	80	-1	0.72	4	1.01	1.01	1.01	1.01	0.05	1.01	Off	4
		279					0.72	4					0.05	0.99	Off	
							0.72	3					0.05	0.98		
													0.05	0.97		
													0.05	0.97		
20:29:28	12907.00	277	1.1	1.0	76	-1	0.72	3	1.01	1.00	1.01	1.01	0.05	0.97	Off	4
	12877.00		1.1	1.1	80	-1	0.72	3	1.02	1.00	1.01		0.05	0.97		4
							0.72	4					0.05	0.97		
													0.05	0.97		
20:29:29	12867.00	277	1.1	1.0	80	-1	0.72	3	1.02	1.00	1.01	1.01	0.05	0.98	Off	4
		276					0.63	3				1.01	0.05	0.98	Off	
							0.72						0.05	0.98		
													0.05	0.98		
													0.05	0.98		
20:29:30	12862.00	280	1.1	1.1	80	-1	0.63	4	1.03	1.00	1.01	1.02	0.05	0.98	Off	4
	12852.00		1.4	1.2	80	-1	0.63	3	1.03	1.00			0.05	0.98		4
							0.63	3					0.05	0.98		
								4					0.05	0.99		
20:29:31	12847.00	282	1.4	1.2	80	0	0.63	4	1.03	1.00	1.01	1.02	0.06	1.01	Off	4
		280					0.63	4			1.01	1.02	0.06	1.02	Off	
							0.63						0.06	1.04		
													0.06	1.04		
													0.06	1.05		
20:29:32	12837.00	284	1.8	1.0	80	0	0.63	4	1.03	1.00	1.01	1.03	0.06	1.05	Off	4
	12832.00		2.2	0.7	80	0	0.72	4	1.05				0.06	1.05		4
							0.72	4					0.06	1.05		
								4					0.06	1.04		
20:29:33	12832.00	265	2.2	0.4	80	0	0.72	3	1.06	1.01	1.03	1.04	0.06	1.03	Off	4
		284					0.72	3		1.03	1.04	1.06	0.06	1.02	Off	
													0.06	1.00		
													0.06	0.98		
													0.06	0.98		
20:29:34	12827.00	284	2.2	0.7	80	1	0.72	3	1.08	1.04	1.05	1.07	0.06	0.97	Off	4
	12827.00		2.2	0.9	80	2	0.54	3					0.06	0.97		4
							0.63	3					0.06	0.97		
							0.63	3					0.06	0.98		
20:29:35	12827.00	284	2.2	0.9	81	3	0.54	3	1.08	1.05	1.05	1.07	0.06	0.98	Off	4
		285					0.63	3	1.09	1.05	1.06	1.08	0.07	0.99	Off	
													0.07	1.00		
													0.07	1.01		
														1.01		
20:29:36	12827.00	292	2.5	0.5	81	3	0.63	4	1.10	1.05	1.06	1.08	0.07	1.00	Off	4
	12827.00		2.2	0.4	81	3	0.72	3					0.07	1.00		4
							0.72	4					0.07	0.99		
							0.72						0.07	0.98		
													0.07			
20:29:37	12827.00	292	2.5	0.4	81	2	0.72	3	1.11	1.06	1.06	1.08	0.07	0.98	Off	4
		264					0.72	3	1.11	1.06	1.06	1.09	0.07	0.97	Off	
								3					0.07	0.96		
													0.07	0.96		
20:29:38	12827.00	282	2.2	0.4	81	2	0.72	3	1.12	1.06	1.07	1.09	0.07	0.95	Off	4
	12832.00		2.2	0.3	81	1	0.72	3					0.07	0.94		4
							0.72	3					0.06	0.94		
							0.72						0.06	0.94		
													0.06	0.94		
20:29:39	12832.00	282	2.2	0.2	81	1	0.72	3	1.12	1.06	1.07	1.10	0.07	0.94	Off	4
		284					0.72	3	1.12	1.05	1.06	1.11	0.07	0.94	Off	
								3					0.07	0.95		
													0.07	0.95		
20:29:40	12832.00	284	2.2	0.4	81	1	0.72	3	1.12	1.05	1.07	1.11	0.07	0.96	Off	4
	12832.00		2.2	0.3	81	1	0.72	3					0.07	0.96		4
							0.72	3					0.07	0.95		
													0.07	0.96		
													0.07	0.95		
20:29:41	12832.00	287	2.2	0.3	81	1	0.72	4	1.12	1.05	1.07	1.11	0.07	0.94	Off	4
		282					0.72	4	1.12	1.05	1.07	1.11	0.06	0.94	Off	
							0.72	4					0.07	0.93		
													0.06	0.93		
20:29:42	12832.00	275	2.2	0.4	81	1	0.72	3	1.12	1.05	1.06	1.11	0.06	0.93	Off	4
	12832.00		2.2	0.7	81	1	0.72	3					0.06	0.92		4
							0.81	3					0.06	0.92		
													0.06	0.92		
														0.92		
20:29:43	12832.00	292	2.2	0.7	81	1	0.72	3	1.12	1.05	1.07	1.11	0.06	0.93	Off	4
		280					0.72	3	1.12	1.05	1.06	1.11	0.07	0.93	Off	
							0.72	3					0.07	0.96		
													0.07	0.97		
													0.07			
20:29:44	12827.00	284	2.9	0.7	81	1	0.72	3	1.12	1.05	1.06	1.11	0.07	0.97	Off	4
	12827.00		2.9	0.4	81	1	0.72	3					0.07	0.98		4
							0.72	3					0.07	1.00		
													0.07	1.01		
20:29:45	12822.00	284	3.2	0.4	81	1	0.72	4	1.12	1.06	1.07	1.11	0.08	1.02	Off	4
		278					0.72	3	1.12	1.05	1.07	1.11	0.08	1.01	Off	
							0.72	3					0.08	1.02		
													0.08	1.01		
													0.08	1.00		
20:29:46	12822.00	276	3.2	0.2	81	1	0.72	3	1.11	1.05	1.07	1.11	0.08	1.00	Off	4
	12822.00		3.2	0.0	81	1	0.63	4					0.07	1.00		4
							0.63	3					0.07	1.00		

Local Time (ref. CVR)	MSL Alt. (FEET)	IAS (KNOTS)	Pitch Angle (degrees)	Elevator Position Right (degrees)	Mag. Heading (degrees)	Roll Angle (degrees)	Rudder Position (upper) (degrees)	Angle of Attack (degrees)	EPR Engine 1 (ratio)	EPR Engine 2 (ratio)	EPR Engine 3 (ratio)	EPR Engine 4 (ratio)	Long. Accel (g)	Vert. Accel. (g)	VHF	Pitch Trim Stal Pos (degrees
													0.07	0.99		
20:29:47	12822.00	266	3.2	0.3	81	0	0.72	3	1.11	1.05	1.07	1.11	0.07	0.98	Off	4
		282					0.63	3	1.11	1.05	1.06	1.11	0.07	0.98	Off	
							0.63	3					0.07	0.98		
													0.07	0.98		
													0.07	0.98		
20:29:48	12822.00	282	3.2	0.5	81	-1	0.63	3	1.11	1.05	1.06	1.11	0.07	0.98	Off	4
	12827.00		3.6	0.7	82	-1	0.72	3					0.07	0.98		
							0.72	3					0.07	0.99		
													0.08	1.00		
20:29:49	12827.00	282	4.0	0.7	82	-1	0.72	3	1.11	1.05	1.07	1.11	0.08	1.02	Off	4
		282					0.72	3	1.11	1.06	1.07	1.11	0.08	1.03	Off	4
							0.72	4					0.08	1.04		
													0.08	1.05		
													0.08	1.06		
20:29:50	12832.00	279	4.0	0.5	81	-1	0.81	4	1.11	1.05	1.07	1.11	0.08	1.06	Off	4
	12837.00		4.3	0.5	81	-1	0.72	4					0.08	1.06		
							0.72	3					0.08	1.06		
													0.08	1.05		
20:29:51	12842.00	288	4.3	0.4	81	-1	0.72	4	1.11	1.05	1.07	1.11	0.08	1.04	Off	4
		264					0.72	4	1.11	1.05	1.07	1.11	0.08	1.03	Off	4
							0.72	4					0.08	1.03		
													0.08	1.02		
													0.08	1.01		
20:29:52	12852.00	282	4.0	0.5	81	-1	0.72	4	1.11	1.05	1.07	1.11	0.08	1.01	Off	4
	12862.00		4.3	0.3	81	0	0.72	4					0.08	1.01		
							0.72	4					0.08	1.01		
													0.08	1.01		
20:29:53	12872.00	281	4.3	0.2	81	0	0.72	3	1.11	1.06	1.07	1.11	0.08	1.01	Off	4
		281					0.72	3	1.11	1.06	1.07	1.11	0.08	1.00	Off	4
							0.72	3					0.08	1.01		
													0.08	1.00		
													0.08	0.99		
20:29:54	12882.00	281	4.3	0.1	81	0	0.72	3	1.12	1.06	1.07	1.11	0.08	0.98	Off	4
	12892.00		4.0	0.3	81	0	0.72	3					0.07	0.98		
							0.72	3					0.07	0.98		
													0.07	0.97		
20:29:55	12902.00	280	4.0	0.2	81	0	0.63	3	1.12	1.06	1.07	1.11	0.07	0.96	Off	4
		278					0.54	3	1.12	1.06	1.07	1.11	0.07	0.95	Off	4
							0.63	4					0.07	0.95		
													0.07	0.95		
													0.07	0.94		
20:29:56	12917.00	281	4.0	0.2	81	0	0.63	3	1.12	1.06	1.07	1.11	0.07	0.94	Off	4
	12957.00		3.6	0.2	82	0	0.54	3					0.07	0.93		
							0.63	3					0.07	0.93		
													0.07	0.92		
20:29:57	12942.00	281	3.6	0.2	82	0	0.72	3	1.12	1.06	1.07	1.11	0.07	0.92	Off	4
		281					0.72	3	1.12	1.06	1.07	1.11	0.07	0.92	Off	4
							0.72	3					0.07	0.92		
													0.06	0.91		
													0.06	0.89		
20:29:58	12952.00	282	3.6	0.3	82	1	0.72	3	1.12	1.06	1.07	1.10	0.06	0.88	Off	4
	12962.00		2.9		82	1	0.72	3					0.06	0.86		
							0.72	3					0.06	0.86		
													0.06	0.85		
20:29:59	12972.00	282	2.9	0.3	82	1	0.72	3	1.12	1.06	1.07	1.11	0.06	0.84	Off	4
		280		0.0			0.72	3	1.12	1.06	1.07	1.11	0.06	0.84	Off	4
							0.72	3					0.06	0.84		
													0.06	0.84		
														0.83		
20:30:00	12982.00	279	2.5	0.2	82	1	0.72	3	1.12	1.06	1.07	1.11	0.06	0.83	Off	4
	12982.00		2.5		82	1	0.72	4					0.06	0.84		
							0.72	3					0.06	0.84		
													0.06	0.84		
													0.06			
20:30:01	13022.00	282	2.2	0.2	78	1	0.72	3	1.12	1.06	1.07	1.11	0.06	0.85	Off	4
		282		0.2			0.63	3	1.12	1.06	1.07	1.11	0.06	0.84	Off	4
							0.63	3					0.06	0.84		
													0.06	0.85		
20:30:02	12987.00	283	2.2	0.4	82	1	0.63	3	1.12	1.06	1.07	1.11	0.06	0.85	Off	4
	12992.00		1.6		82		0.63	3					0.06	0.85		
							0.63	3					0.06	0.86		
													0.06	0.87		
													0.06	0.87		
20:30:03	12992.00	282	1.8	0.5	82	0	0.63	3	1.12	1.06	1.07	1.11	0.06	0.87	Off	4
		283		0.6		0	0.72	3	1.12	1.06	1.07	1.11	0.06	0.87	Off	4
							0.72	3					0.06	0.88		
													0.06	0.89		
20:30:04	12992.00	278	1.8	0.9	82	0	0.72	3	1.12	1.06	1.07	1.11	0.06	0.89	Off	4
	12987.00				82		0.72	3					0.06	0.90		
							0.81	3					0.07	0.92		
													0.07	0.93		
													0.07	0.93		
20:30:05	12987.00	279	2.2	0.6	82	0	0.72	3	1.12	1.06	1.07	1.11	0.07	0.94	Off	4
		282	2.2	0.8		1	0.72	3	1.12	1.06	1.07	1.11	0.07	0.94	Off	4
							0.72	3					0.07	0.95		
													0.07	0.97		
20:30:06	13017.00	280	2.2	0.7	78	1	0.72	3	1.12	1.06	1.07	1.11	0.07	0.97	Off	4
	12982.00						0.72	3					0.07	0.97		
							0.72	3					0.07	0.96		
													0.07	0.97		
													0.07	0.97		
20:30:07	12977.00	278	2.2	0.6	82	1	0.72	3	1.12	1.06	1.07	1.11	0.07	0.96	Off	4
		278	2.2	0.7	82	1	0.72	3	1.12	1.06	1.07	1.11	0.07	0.96		4
							0.63	3					0.07	0.96		
													0.07	0.96		
20:30:08	12972.00	282	2.2	0.7	82	1	0.63	3	1.12	1.06	1.07	1.11	0.07	0.95	Off	4
							0.63	3					0.07	0.95	Off	
							0.63	3					0.07	0.95		
													0.07	0.96		
													0.07	0.96		
20:30:09	12972.00	280	2.5	0.9	82	0	0.63	3	1.12	1.06	1.07	1.11	0.07	0.97	Off	4
	12972.00		2.5	0.9	82	0	0.63	4	1.12	1.06	1.07	1.11	0.07	0.97		4
							0.72	3					0.07	0.97		
													0.07	0.98		
20:30:10	12967.00	278	2.9	0.9	82	0	0.72	4	1.12	1.06	1.07	1.11	0.07	0.98	Off	4
		282					0.72	3					0.07	0.98	Off	
							0.72	3					0.07	0.98		
													0.07	0.98		
													0.07	0.98		
20:30:11	12997.00	282	2.9	0.7	78	0	0.72	3	1.12	1.06	1.07	1.11	0.07	0.98	Off	4
	12962.00		2.9	0.7	82	0	0.72	3	1.12	1.06	1.07		0.07	0.98		4

Local Time (ref. CVR)	MSL Alt. (FEET)	IAS (KNOTS)	Pitch Angle (degrees)	Elevator Position Right (degrees)	Mag. Heading (degrees)	Roll Angle (degrees)	Rudder Position (upper) (degrees)	Angle of Attack (degrees)	EPR Engine 1 (ratio)	EPR Engine 2 (ratio)	EPR Engine 3 (ratio)	EPR Engine 4 (ratio)	Long. Accel (g)	Vert. Accel. (g)	VHF	Pitch Trim Stal Pos (degrees
							0.72	3					0.07	0.98		
													0.07	0.97		
20:30:12	12962.00	281	2.9	0.9	82	0	0.72	3	1.12	1.06	1.07	1.11	0.07	0.97	Off	4
		278					0.72	3				1.11	0.07	0.97	Off	
							0.72						0.07	0.97		
													0.07	0.98		
													0.07	0.98		
20:30:13	12962.00	283	2.9	0.8	82	0	0.72	3	1.12	1.06	1.07	1.11	0.07	0.98	Off	4
	12957.00		2.9	0.9	82	0	0.72	3	1.12	1.06			0.07	0.98		4
							0.72	3					0.07	0.98		
								3					0.07	0.98		
20:30:14	12962.00	282	2.9	0.7	82	0	0.72	4	1.12	1.06	1.07	1.11	0.07	0.97	Off	4
		280					0.63	3			1.07	1.11	0.07	0.97	Off	
							0.72						0.07	0.97		
													0.07	0.97		
													0.07	0.97		
20:30:15	12957.00	282	2.9	0.7	82	0	0.72	4	1.12	1.06	1.07	1.11	0.07	0.97	Off	4
	12987.00		2.9	0.7	78	0	0.72	3	1.12				0.07	0.97		4
							0.72	3					0.07	0.97		
								3					0.07	0.97		
20:30:16	12962.00	278	2.9	0.5	82	0	0.72	3	1.12	1.06	1.07	1.11	0.07	0.97	Off	4
		280					0.72	3		1.06	1.07	1.11	0.07	0.97	Off	
													0.07	0.98		
													0.07	0.98		
													0.07	0.98		
20:30:17	12962.00	278	2.9	0.8	82	0	0.72	3	1.12	1.06	1.07	1.11	0.08	0.98	Off	4
	12962.00		3.2	0.7	82	0	0.81	3					0.08	0.99		4
							0.72	3					0.08	0.99		
							0.72	93					0.08	1.00		
20:30:18	12962.00	282	3.2	0.7	82	1	0.72	3	1.12	1.06	1.07	1.11	0.08	1.00	Off	4
		282					0.72	3	1.12	1.06	1.07	1.11	0.08	1.00	Off	
													0.08	1.00		
													0.08	1.00		
														0.99		
20:30:19	12962.00	278	3.2	0.7	82	0	0.72	3	1.12	1.06	1.07	1.11	0.08	0.99	On	4
	12962.00		2.9	0.7	82	0	0.63	4					0.08	0.99		4
							0.72	4					0.08	0.98		
							0.63						0.07	0.98		
													0.08			
20:30:20	12967.00	281	3.2	0.9	82	0	0.72	3	1.12	1.06	1.07	1.11	0.07	0.98	On	4
		270					0.72	3	1.12	1.06	1.07	1.11	0.07	0.98	On	
								3					0.08	0.98		
													0.08	0.99		
20:30:21	12972.00	455	3.6	0.9	82	0	0.72	3	1.12	1.06	1.07	1.11	0.08	0.99	On	4
	12977.00		3.6	0.7	82	0	0.63	3					0.08	0.99		4
							0.63	3					0.08	0.99		
							0.72						0.08	1.00		
													0.08	1.00		
20:30:22	12982.00	278	3.6	0.7	82	0	0.63	4	1.12	1.06	1.07	1.11	0.08	1.00	On	4
		282					0.63	3	1.12	1.06	1.07	1.11	0.08	0.99	On	
								3					0.08	0.99		
													0.08	0.98		
20:30:23	12987.00	280	3.6	0.7	82	0	0.72	3	1.12	1.06	1.07	1.11	0.08	0.98	On	4
	12992.00		3.6	0.6	82	0	0.72	3					0.08	0.98		4
							0.72	4					0.08	0.98		
													0.08	0.98		
													0.08	0.98		
20:30:24	13002.00	288	3.6	0.7	82	0	0.72	3	1.13	1.07	1.08	1.12	0.08	0.98	Off	4
		278					0.72	4	1.14	1.09	1.09	1.14	0.08	0.98	Off	
							0.72	3					0.08	0.98		
													0.08	0.98		
20:30:25	13012.00	269	3.6	0.6	82	0	0.72	3	1.15	1.10	1.10	1.15	0.08	0.98	Off	4
	13017.00		4.0	0.5	82	0	0.72	3					0.08	0.98		4
							0.72	3					0.08	0.98		
													0.08	0.97		
														0.97		
20:30:26	13027.00	277	4.0	0.4	82	0	0.72	3	1.17	1.11	1.12	1.17	0.08	0.97	Off	4
		280					0.72	3	1.18	1.12	1.12	1.18	0.08	0.96	Off	
							0.72	3					0.08	0.95		
													0.09	0.94		
													0.08			
20:30:27	13032.00	280	4.0	0.8	82	-1	0.63	3	1.18	1.12	1.14	1.18	0.08	0.94	Off	4
	13042.00		4.0	0.7	82	-1	0.72	3					0.09	0.94		4
							0.72	3					0.09	0.95		
													0.09	0.95		
20:30:28	13047.00	280	3.6	0.5	82	-1	0.63	3	1.19	1.12	1.15	1.19	0.09	0.96	Off	4
		278					0.72	3	1.19	1.13	1.16	1.19	0.09	0.97	Off	
							0.72	4					0.09	0.97		
													0.09	0.97		
													0.09	0.97		
20:30:29	13052.00	278	3.6	0.6	82	-1	0.72	4	1.19	1.13	1.16	1.19	0.09	0.97	Off	4
	13062.00		4.0	0.7	82	-1	0.72	4					0.09	0.97		4
							0.72	3					0.09	0.97		
													0.09	0.97		
20:30:30	13072.00	262	4.0	0.6	82	-2	0.72	3	1.21	1.15	1.19	1.21	0.09	0.97	Off	4
		281					0.72	3	1.24	1.17	1.21	1.24	0.10	0.97	Off	
							0.72	3					0.10	0.97		
													0.10	0.97		
													0.10	0.98		
20:30:31	13077.00	280	4.0	0.9	82	-2	0.72	3	1.25	1.18	1.22	1.25	0.10	0.98	Off	4
	13087.00		4.0	0.9	82	-2	0.72	3					0.10	0.98		
							0.72	3					0.10	0.98		
													0.11	0.98		
20:30:32	13092.00	280	4.3	0.7	82	-2	0.72	3	1.26	1.20	1.23	1.26	0.11	0.99	Off	4
		280					0.63	3	1.27	1.23	1.24	1.28	0.11	0.99	Off	4
							0.72	3					0.11	1.00		
													0.11	1.00		
													0.11	1.00		
20:30:33	13102.00	277	4.3	0.7	82	-2	0.63	3	1.28	1.24	1.25	1.29	0.11	1.00	Off	4
	13112.00		4.3	0.7	82	-2	0.72	4					0.11	1.00		
							0.72	3					0.11	1.00		
													0.11	1.00		
20:30:34	13127.00	286	4.3	0.7	82	-2	0.72	4	1.29	1.24	1.25	1.30	0.11	0.99	Off	4
		260					0.72	3	1.29	1.25	1.25	1.31	0.11	0.99	Off	4
							0.72	3					0.11	0.99		
													0.11	0.98		
													0.11	0.98		
20:30:35	13137.00	275	4.3	0.5	81	-2	0.72	3	1.29	1.24	1.25	1.32	0.11	0.98	Off	4
	13147.00		4.7	0.7	81	-1	0.72	3					0.11	0.98		
							0.72	3					0.11	0.98		
													0.11	0.98		
20:30:36	13162.00	280	4.7	0.5	81	-1	0.63	3	1.29	1.24	1.25	1.32	0.11	0.98	Off	4

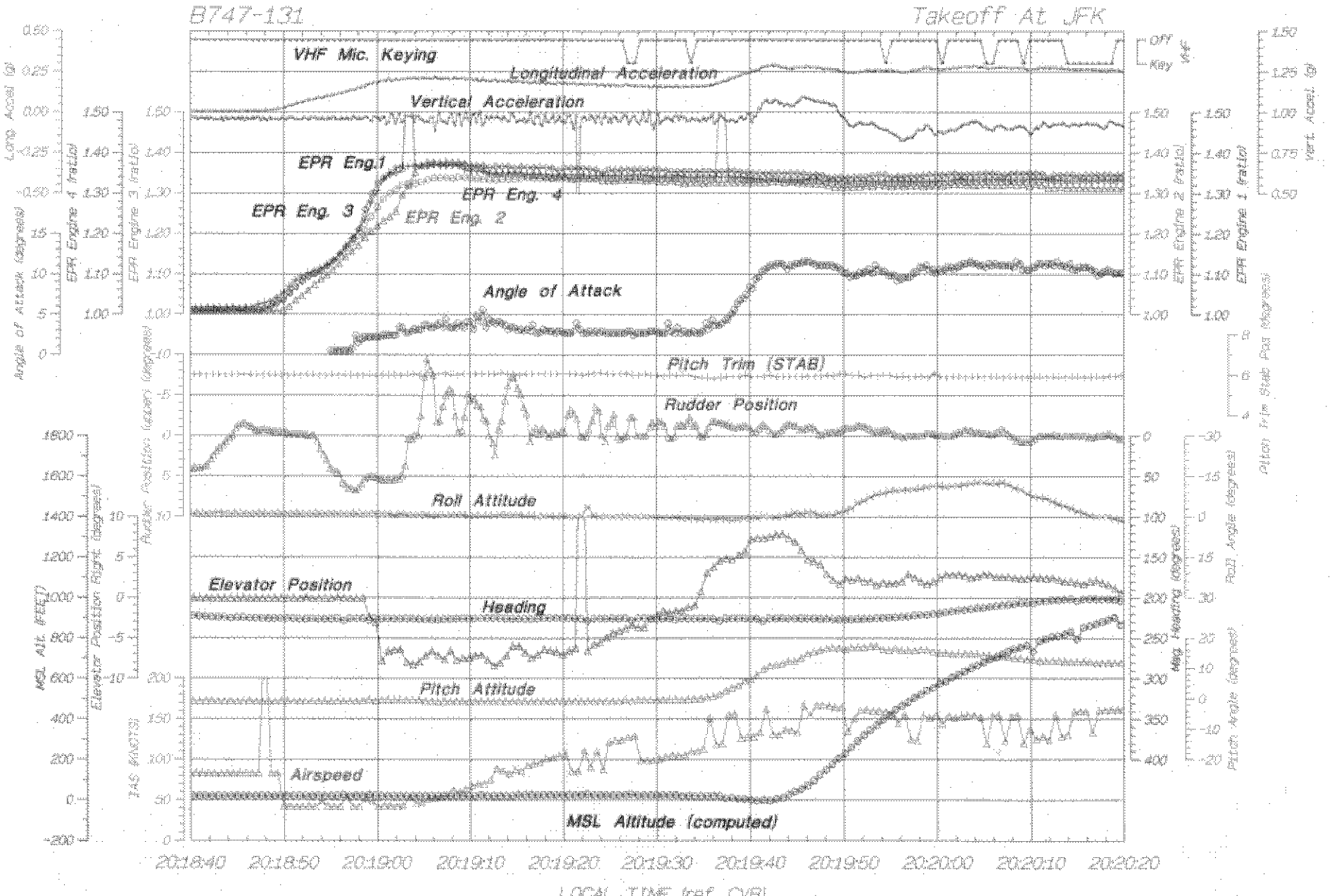
Local Time (ref. CVR)	MSL Alt. (FEET)	IAS (KNOTS)	Pitch Angle (degrees)	Elevator Position Right (degrees)	Mag. Heading (degrees)	Roll Angle (degrees)	Rudder Position (upper) (degrees)	Angle of Attack (degrees)	EPR Engine 1 (ratio)	EPR Engine 2 (ratio)	EPR Engine 3 (ratio)	EPR Engine 4 (ratio)	Long. Accel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

Local Time (ref. CVR)	MSL Alt. (FEET)	IAS (KNOTS)	Pitch Angle (degrees)	Elevator Position Right (degrees)	Mag. Heading (degrees)	Roll Angle (degrees)	Rudder Position (upper) (degrees)	Angle of Attack (degrees)	EPR Engine 1 (ratio)	EPR Engine 2 (ratio)	EPR Engine 3 (ratio)	EPR Engine 4 (ratio)	Long. Accel (g)	Vert. Accel. (g)	VHF	Pitch Trim Stal Pos (degrees
20:31:01	13512.00	288	4.7	0.2	82	-1	0.63	3	1.31	1.29	1.31	1.30	0.11	0.92	Off	4
		284					0.63	3	1.31	1.29	1.30	1.30	0.10	0.92	Off	
													0.10	0.92		
													0.10	0.92		
														0.92		
20:31:02	13537.00	296	4.7	0.3	82	0	0.72	3	1.31	1.29	1.30	1.29	0.10	0.92	Off	4
	13557.00		4.3	0.0	82	0	0.72	3					0.10	0.93		3
							0.72	4					0.10	0.93		
							0.72						0.10	0.93		
													0.10			
20:31:03	13637.00	289	4.7	0.1	78	0	0.72	3	1.31	1.29	1.30	1.29	0.10	0.92	Off	3
		296					0.72	3	1.31	1.29	1.30	1.29	0.10	0.91	Off	
								3					0.10	0.90		
													0.10	0.90		
20:31:04	13597.00	296	4.3	0.3	82	0	0.72	3	1.31	1.29	1.30	1.30	0.10	0.89	Off	3
	13617.00		4.3	0.2	82	1	0.72	3					0.10	0.89		3
							0.72	3					0.10	0.89		
							0.63						0.10	0.89		
													0.10	0.89		
20:31:05	13637.00	287	4.3	0.3	82	1	0.72	3	1.31	1.29	1.30	1.29	0.10	0.89	Off	3
		289					0.63	3	1.31	1.29	1.29	1.30	0.10	0.89	Off	
								3					0.10	0.89		
													0.10	0.90		
20:31:06	13652.00	290	4.3	0.0	82	1	0.63	3	1.31	1.30	1.30	1.29	0.10	0.90	Off	3
	13667.00		4.3	0.4	82	1	0.63	3					0.10	0.91		3
							0.63	3					0.10	0.91		
													0.10	0.91		
													0.10	0.92		
20:31:07	13682.00	296	4.0	0.4	82	1	0.63	3	1.31	1.30	1.30	1.29	0.10	0.92	Off	3
		287					0.63	4	1.31	1.30	1.29	1.29	0.10	0.92	Off	
							0.63	3					0.10	0.92		
													0.10	0.92		
20:31:08	13702.00	280	4.0	0.4	82	1	0.63	3	1.31	1.29	1.29	1.29	0.10	0.91	Off	3
	13717.00		4.0	0.4	82	1	0.72	3					0.10	0.92		3
							0.63	3					0.10	0.91		
													0.10	0.91		
														0.91		
20:31:09	13732.00	288	4.0	0.3	82	0	0.63	3	1.31	1.29	1.29	1.29	0.10	0.90	Off	3
		298					0.72	3	1.31	1.29	1.29	1.29	0.10	0.90	Off	
							0.72	3					0.10	0.90		
													0.10	0.90		
													0.10			
20:31:10	13747.00	290	3.6	0.1	82	0	0.63	3	1.31	1.29	1.29	1.30	0.10	0.90	Off	3
	13757.00		3.6	0.4	82	0	0.72	3					0.10	0.90		3
							0.72	3					0.10	0.90		
													0.10	0.90		
20:31:11	13772.00	288	3.6	0.1	82	0	0.72	3	1.30	1.29	1.30	1.30	0.10	0.90	Off	3
		298					0.72	3	1.30	1.29	1.29	1.29	0.10	0.90	Off	
							0.72	3					0.10	0.90		
													0.10	0.90		
													0.10	0.90		
20:31:12	End of Flight 800 Data															

ATTACHMENT III

Data Plots

TWA Flt. 800



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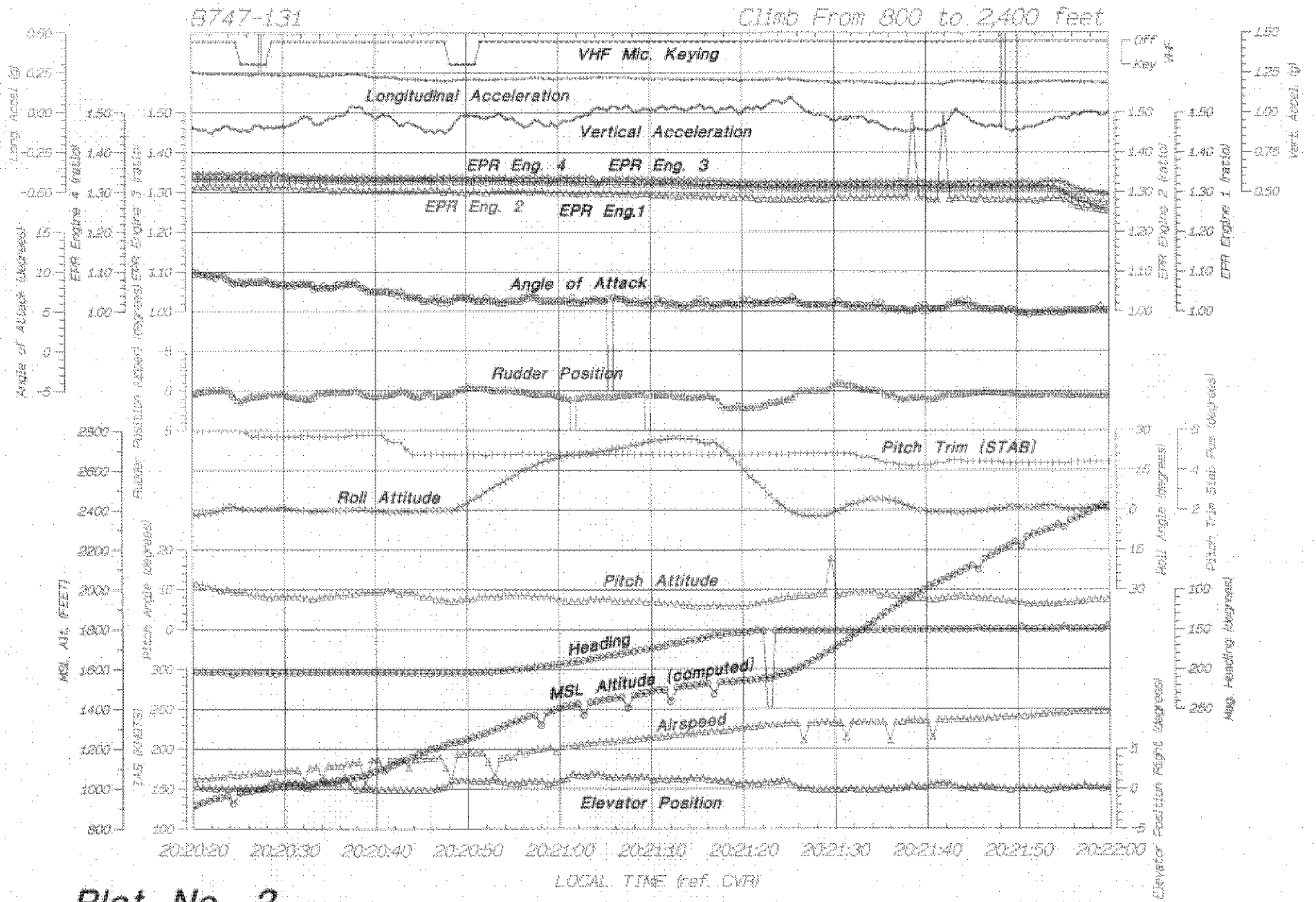

Plot No. 2

Revised: December 22, 1999

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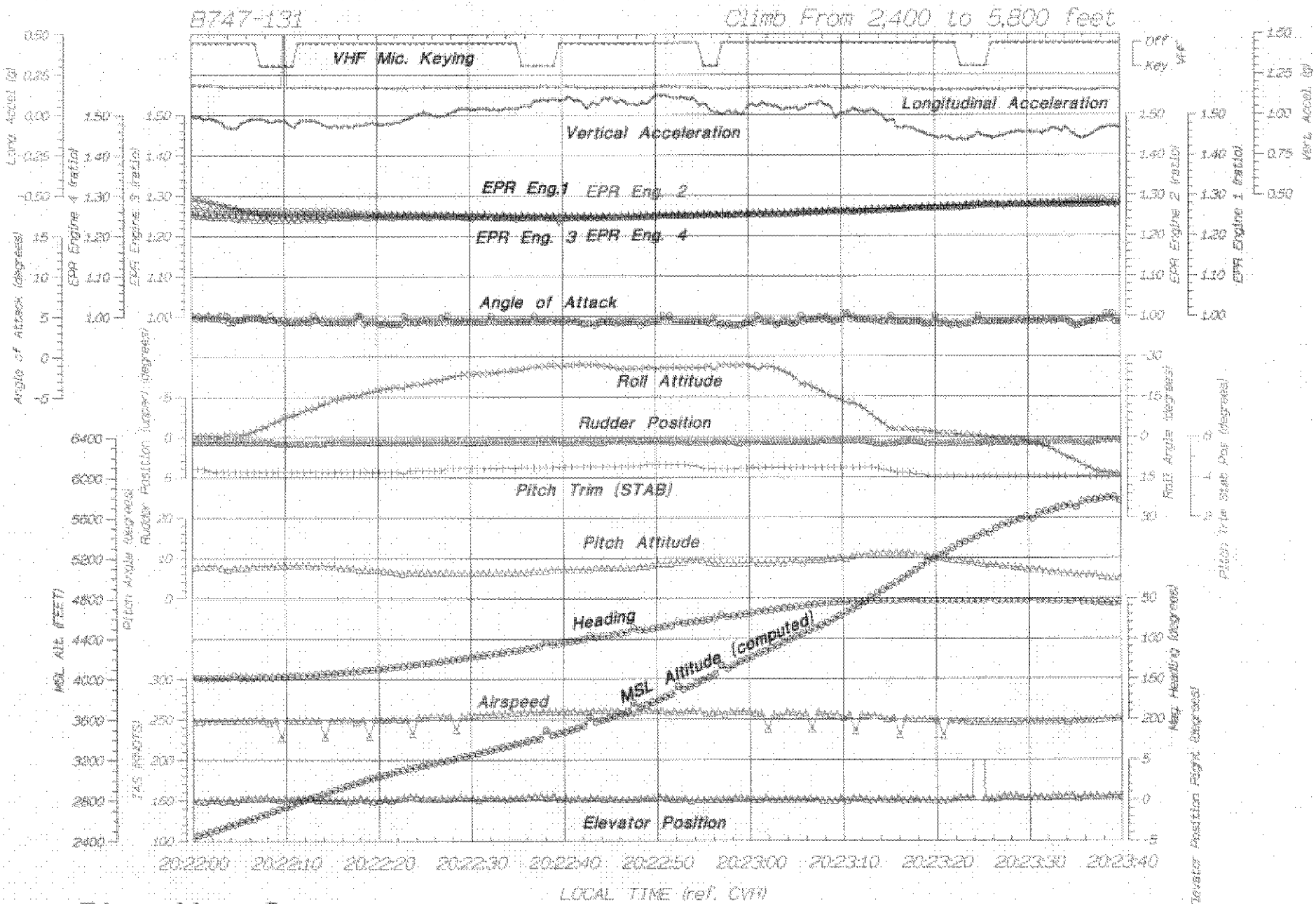

Plot No. 3

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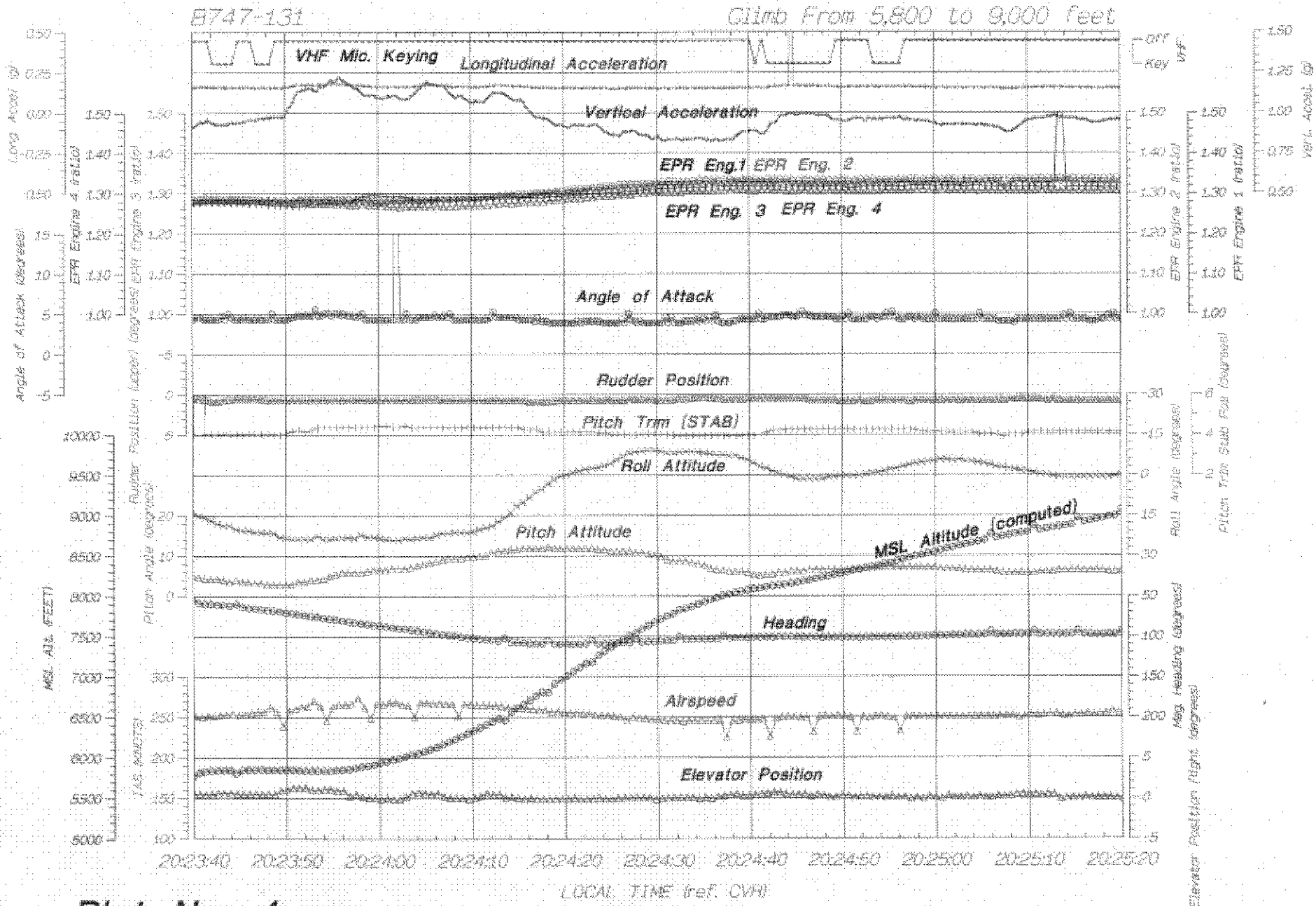

Plot No. 4

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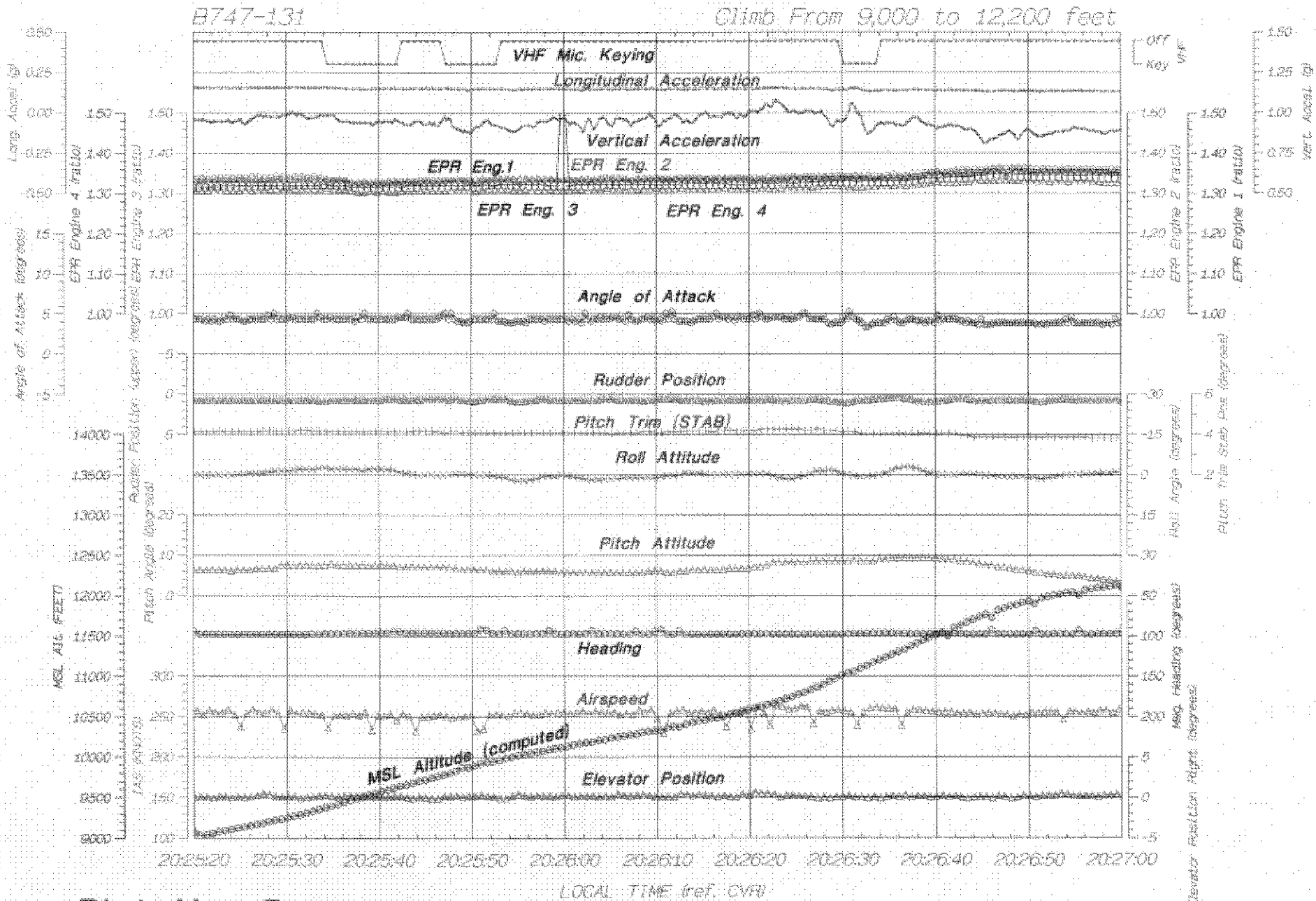

Plot No. 5

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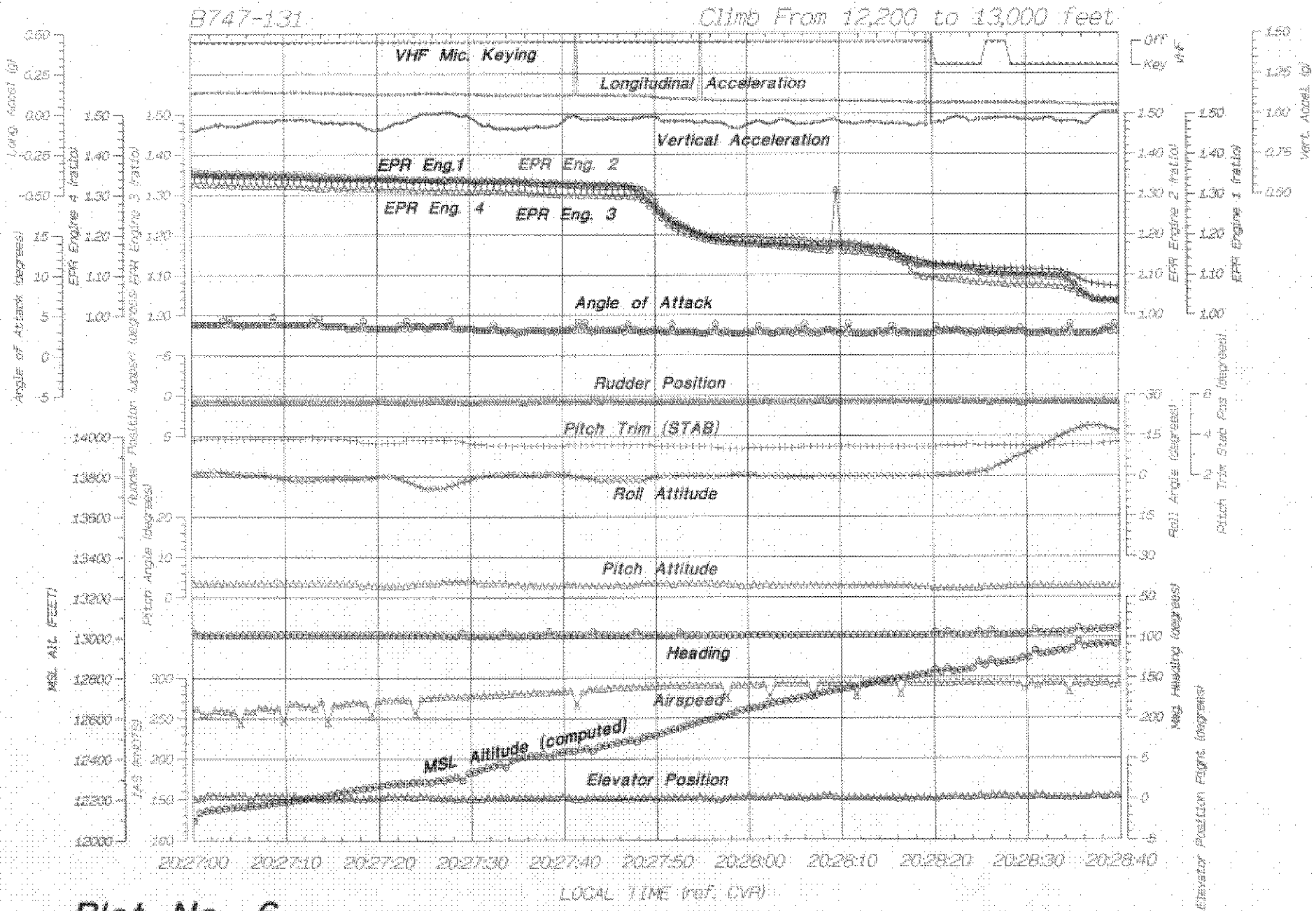

Plot No. 6

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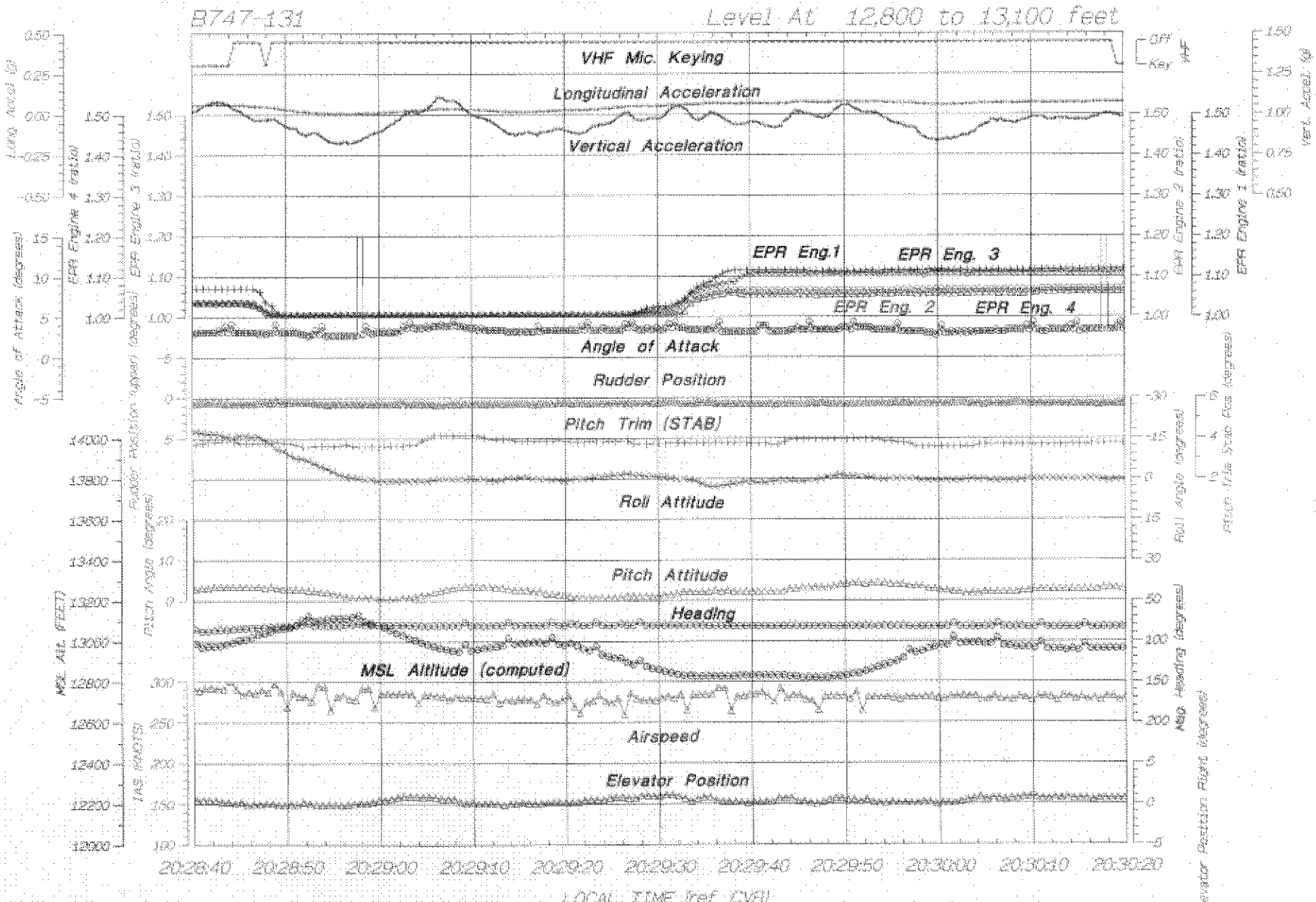

Plot No. 7

Revised: December 22, 1999

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