

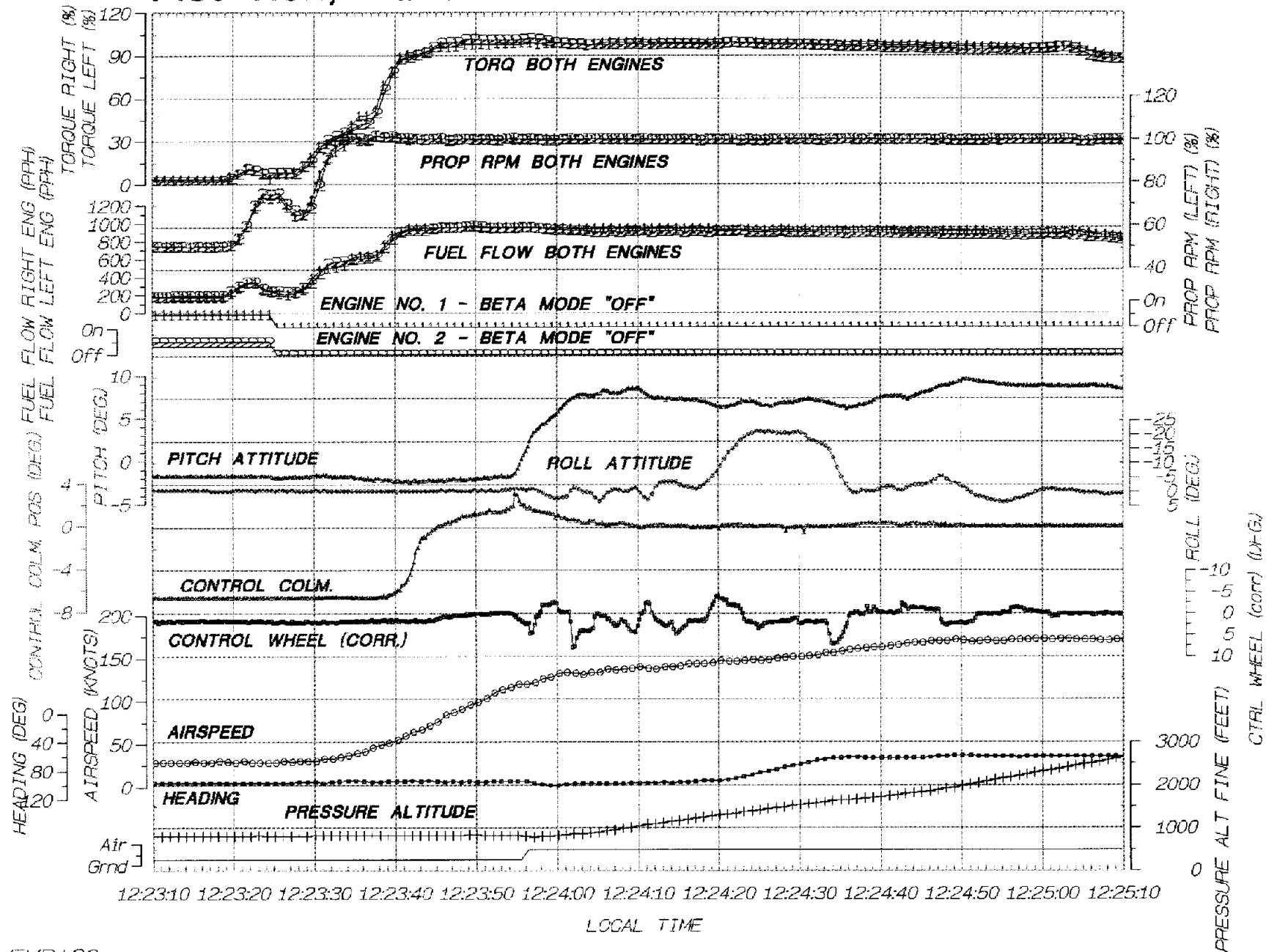
ATTACHMENT I
Parameter Listing

PARAMETER NAME	RANGE	RESOLUTION	SAMPLING INTERVAL (SECONDS)	WORD LOCATION(S)
1. TIME	25 HOURS	1/768 SEC	1/768	1
2. PRESSURE ALTITUDE	-1000 - 40000 FT.	10 FT.	1	23 (upper) 5 (lower)
3. AIRSPEED	60 - 450 KNOTS	1 KNOT	1	18
4. VERTICAL ACCELERATION	-3 - +6 "G"	0.0023 "G"	1/8	4, 12, 20, 28, 36, 44, 52, 60
6. LATERAL ACCELERATION	-1 - +1 "G"	0.0005 "G"	1/4	6, 24, 40, 56
8. LONGITUDINAL ACCELERATION	-1 - +1 "G"	0.0005 "G"	1/2	21, 53
7. MAGNETIC HEADING	0 - 360	0.366	1	7
8. PITCH ATTITUDE	±75	.087	1/4	10, 26, 42, 58
9. ROLL ATTITUDE	±180	.087	1/2	17, 49
10. PITCH TRIM	-9 - +50	0.022	1/2	14, 46
11. CONTROL COLUMN POSITION	8 (FWD), 12 (AFT)	0.056	1/4	6, 23, 38, 54
12. CONTROL WHEEL POSITION	52 (LEFT) 52 (RIGHT)	0.549	1/4	11, 27, 43, 59
13. RUDDER PEDAL POSITION	16 (LEFT) 16 (RIGHT)	0.078	1/4	13, 29, 45, 61
14. FLAP POSITION	0 - 45	0.186	1/4	9, 25, 41, 57
15. STATIC AIR TEMP.	-99 - +50 C	1576	1	37
16. FUEL FLOW (LEFT & RIGHT)	0 - 1200 (PPH)	2930	1	50 (R.), 61 (L.)
17. NH (LEFT & RIGHT)	0 - 120%	0.359	1	16 (R.), 16 (L.)
18. NL (LEFT & RIGHT)	0 - 120%	0.369	1	31 (R.), 32 (L.)
19. PROP IMBAL (LEFT & RIGHT)	0. - 1.11 "G"	0.002	1	33 (R.), 34 (L.)
20. PROP RPM (LEFT & RIGHT)	25. - 120%	1	1	47 (R.), 48 (L.)
21. TS TEMP (LEFT & RIGHT)	0 - 1200 C	2930	1	19 (R.), 35 (L.)
22. ENG. TORQUE (LEFT & RIGHT)	0 - 150%	0.366	1	39 (R.), 55 (L.)
DISCRETE PARAMETERS				
23. AIR/GROUND SWITCH	1 = AIR	N/A	1	30 (bit 7)
24. BETA MODE (LEFT & RIGHT)	1 = ENGAGED	N/A	1	30 (bit 5 & 6)
25. BLEED AIR (LEFT & RIGHT)	1 = CLOSED	N/A	1	30 (bit 11 & 12)
26. CONDITION LEVER POSITION (LL & RL)	1 = ON	N/A	1	30 (bit 8 & 9)
27. EVENT MARKER	1 = ON	N/A	1	30 (bit 10)
28. PRESS TO TALK (Ch. 1 THRU 4)	1 = TALK	N/A	1	30 (bit 1-4)

ATTACHMENT II

Data Plots

Plot No.1, Takeoff From Atlanta Hartsfield Intl.



EMB120

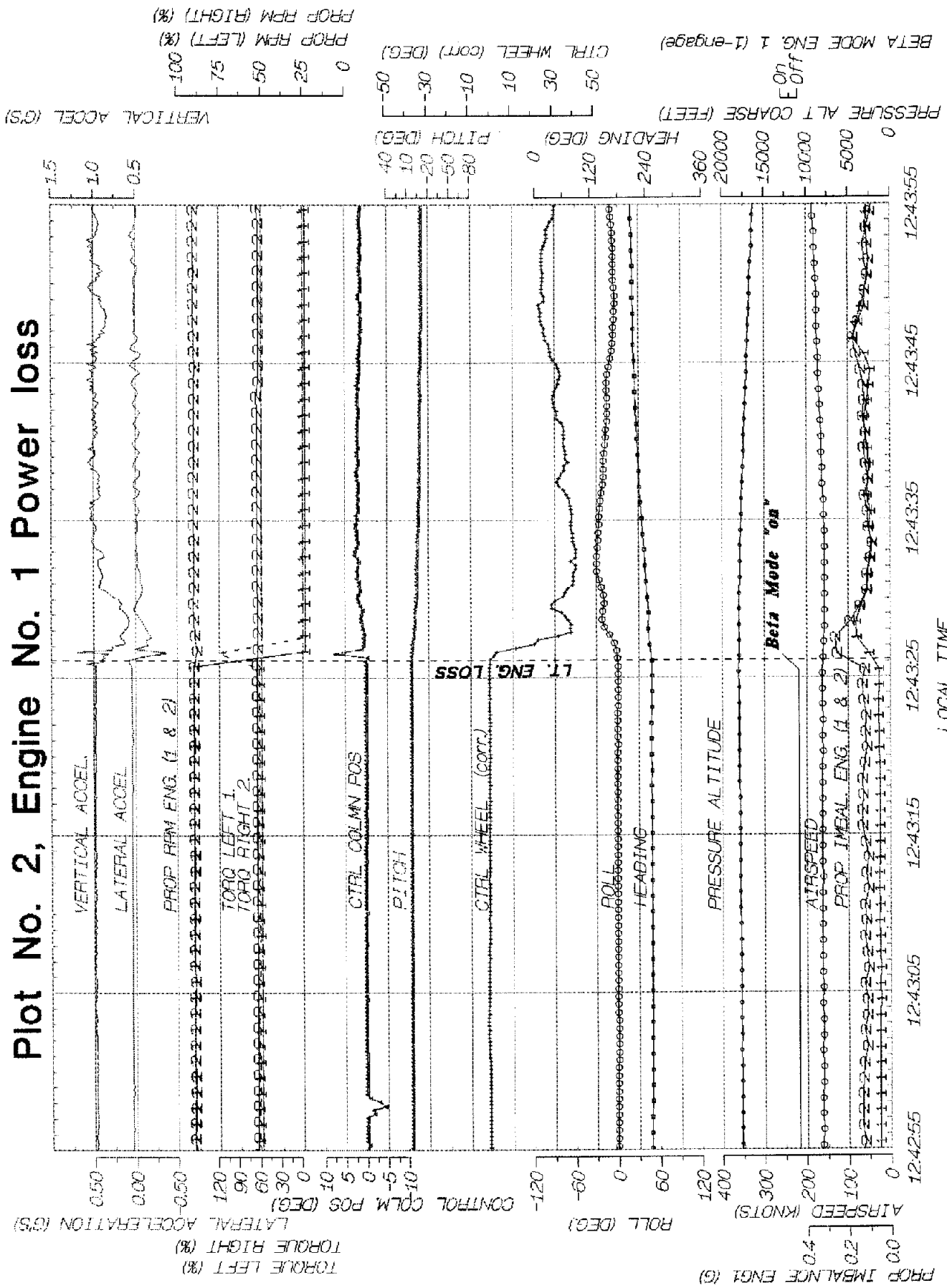
August 21, 1995

Revised: November 01, 1995

Flight Recorder DFR F800 S/N 4856

DCA-95-M-A-064

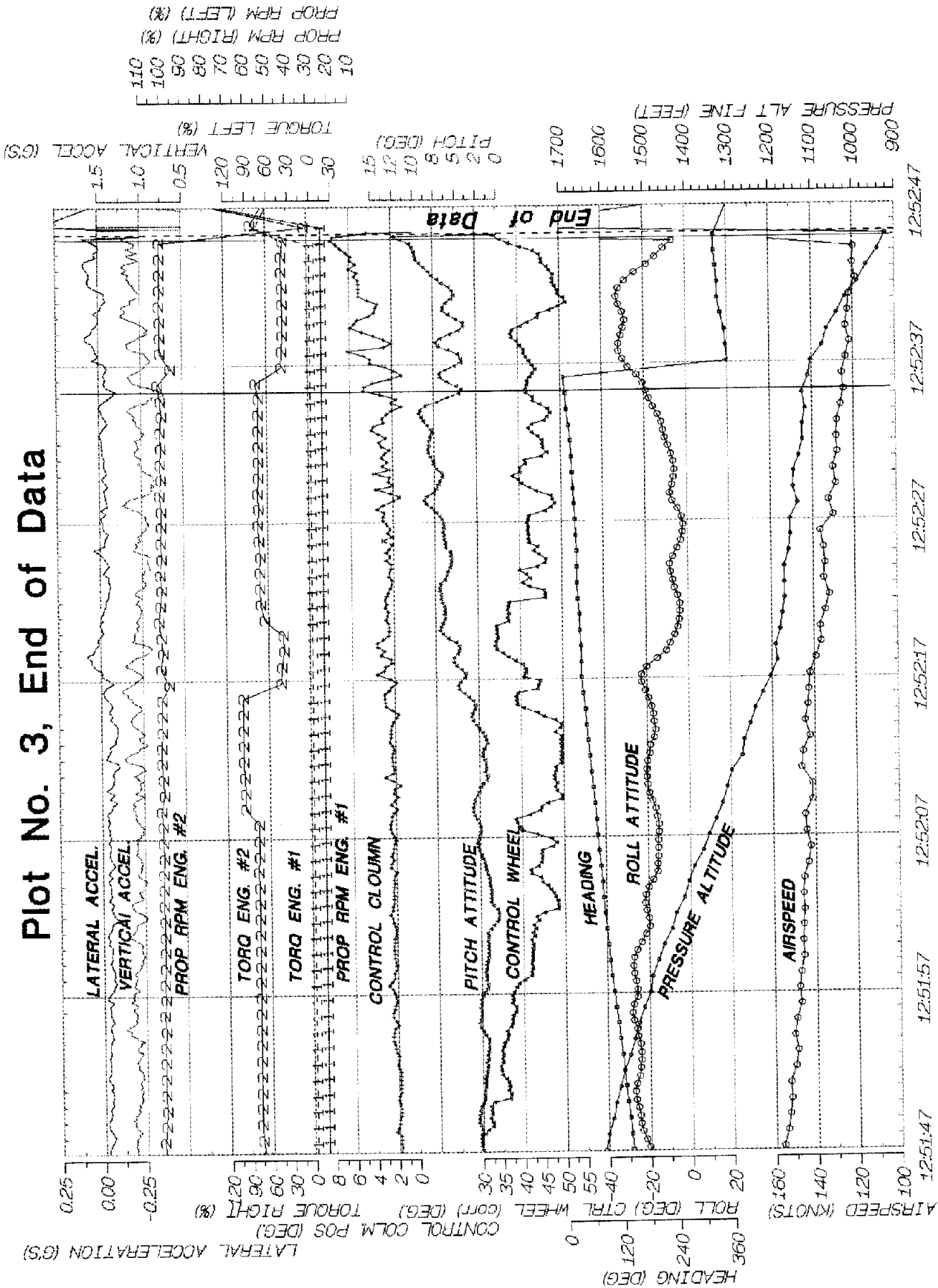
Plot No. 2, Engine No. 1 Power loss



EMB120, N256AS
 AUGUST 21, 1995
 Revised: October 25, 1995

Flight Recorder DFR F800 S/N 4856
 DCA-95-M-A-064

Plot No. 3, End of Data

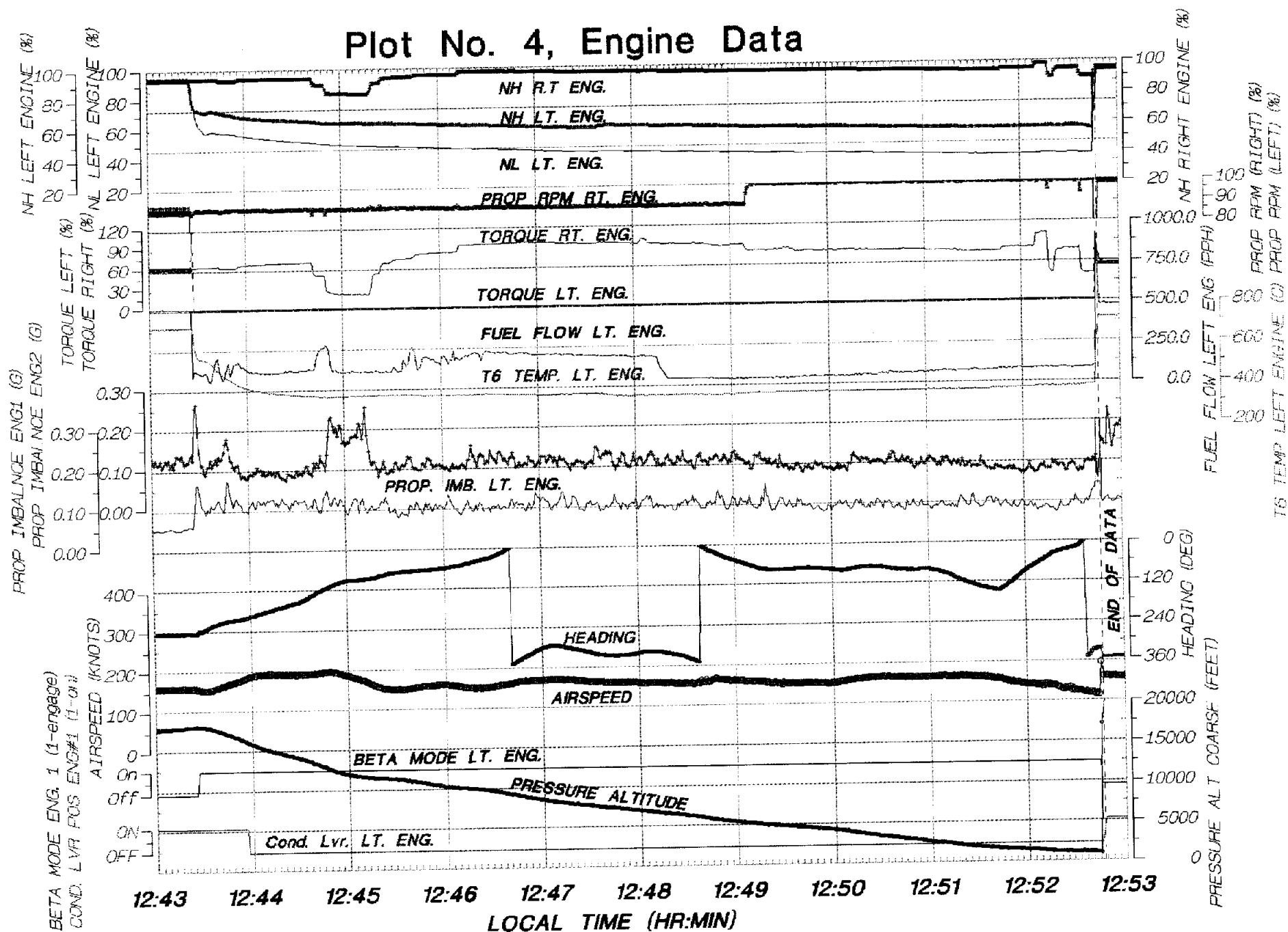


EMB120, N256AS
 August 21, 1995
 Revised: October 30, 1995

Flight Recorder DFR F800 S/N 4856
 DCA-95-M-A-054

Local Time

Plot No. 4, Engine Data



EMB120, N256AS
 August 21, 1995
 Revised: November 02, 1995

Flight Recorder DFR F800 S/N 4856
 DCA-95-M-A-054