

APPENDIX D

Data from Aft Cable Break / Jam Ground Testing

Table 1

Aft Break, Aft Cable Jam Test Data Summary

Condition Number	Feel Pressure (psi) (1)	Initial Left Elevator Position (deg) (2)	Initial Right Elevator Position (deg) (2)	Final Left Elevator Position (deg) (2)	Final Right Elevator Position (deg) (2)	Left Elevator Deflection due to Failure (deg) (2)	Right Elevator Deflection due to Failure (deg) (2)	Left Elevator Position Converted to FDR Basis (deg) (3)	Right Elevator Position Converted to FDR Basis (deg) (3)
.020	0	0.75	0.75	-2.00	-1.00	-2.75	-1.75	-2.22	-1.93
.021	0	0.75	0.75	-2.00	-1.00	-2.75	-1.75	-2.22	-1.93
.022	0	0.75	0.75	-1.90	-0.90	-2.65	-1.65	-2.12	-1.83
.032	620	0.80	0.80	-1.00	-0.50	-1.80	-1.30	-1.27	-1.48
.033	620	0.60	0.60	-0.95	-0.50	-1.55	-1.10	-1.02	-1.28
.034	620	0.90	0.90	-0.90	-0.45	-1.80	-1.35	-1.27	-1.53
Average of High Speed Points=								-1.19	-1.43

Notes:

- (1) Feel pressure indicates the pressure applied to the feel and centering unit. A feel pressure of 0 psi indicates stationary (no airspeed) conditions, a feel pressure of 620 psi indicates flight conditions equivalent to those of the accident aircraft at the start of the dive.
- (2) Positive elevator position values indicate aircraft nose down (surface trailing edge down) deflection, consistent with the test instrumentation sign convention. This failure condition resulted in transient elevator travel in the airplane nose-up direction. If this failure occurred on the opposite First Officer control cable, the result would be a nearly symmetrical transient elevator response in the airplane nose-down direction.
- (3) Positive elevator position values indicate aircraft nose up (surface trailing edge up) deflection, consistent with the FDR sign convention. These columns were generated by adding the elevator deflections generated by the failure condition (after changing the sign to reflect a failure of the control cable that would produce a nose down elevator movement) to the initial elevator positions on the accident aircraft recorded by the FDR prior to the dive. On the FDR, the left elevator position was 0.53 deg, and the right elevator position was -0.17 deg prior to the dive.

**Table 2
Aft Break, Forward Cable Jam Test Data Summary**

Condition Number	Feel Pressure (psi) (1)	Initial Left Elevator Position (deg) (2)	Initial Right Elevator Position (deg) (2)	Final Left Elevator Position (deg) (2)	Final Right Elevator Position (deg) (2)	Left Elevator Deflection due to Failure (deg) (2)	Right Elevator Deflection due to Failure (deg) (2)	Left Elevator Position Converted to FDR Basis (deg) (3)	Right Elevator Position Converted to FDR Basis (deg) (3)
0.05	0	0.60	0.60	12.00	12.40	11.40	11.80	-10.87	-11.98
0.051	0	0.60	0.60	11.00	11.40	10.40	10.80	-9.87	-10.98
0.052	0	0.60	0.60	11.50	11.90	10.90	11.30	-10.37	-11.48
0.062	620	0.60	0.70	5.10	5.50	4.50	4.80	-3.97	-4.98
0.063	620	0.60	0.65	5.00	5.50	4.40	4.85	-3.87	-5.03
0.064	620	0.80	0.90	4.90	5.40	4.10	4.50	-3.57	-4.68
Average of High Speed Points=								-3.80	-4.90

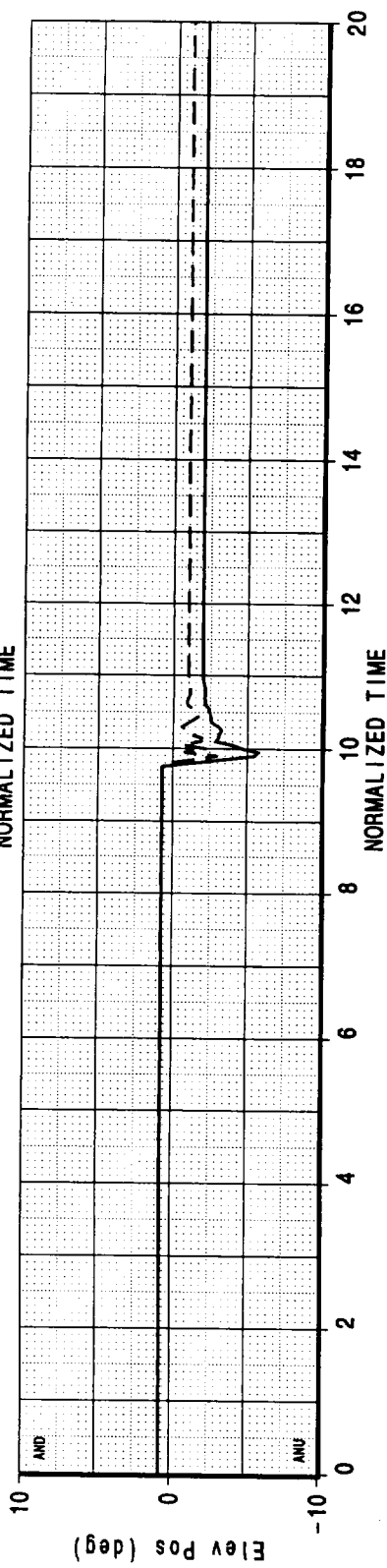
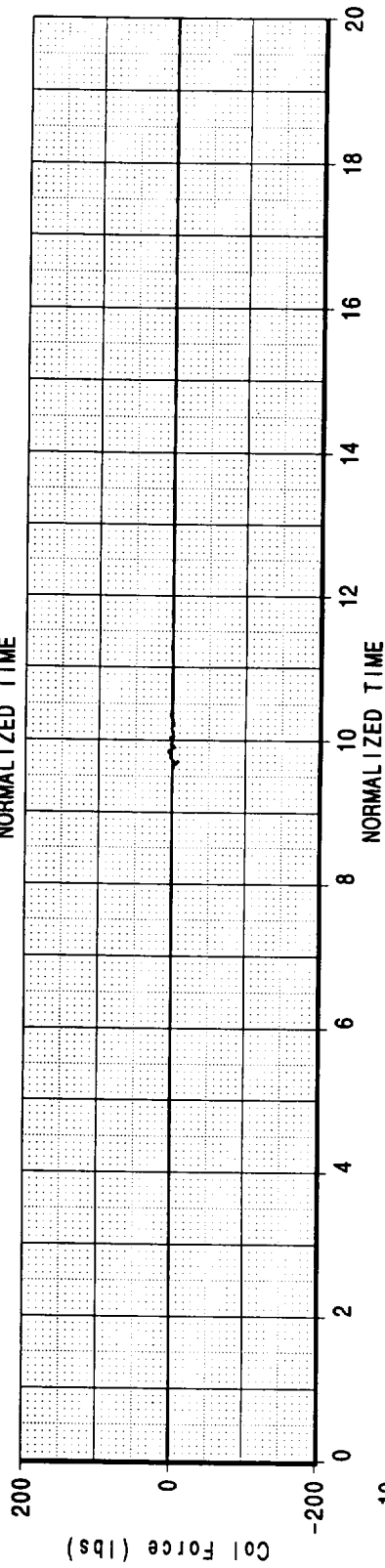
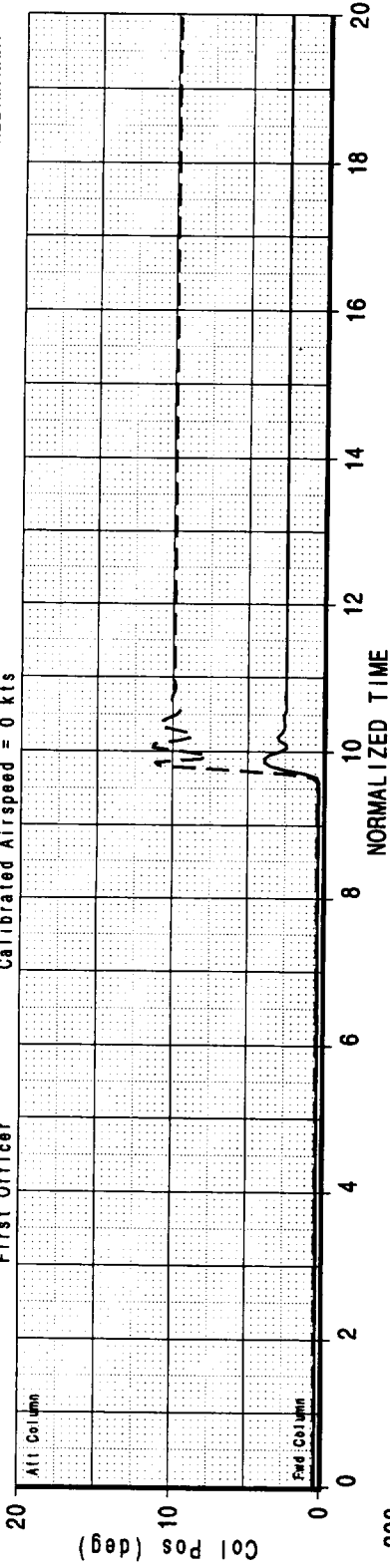
Notes:

- (1) Feel pressure indicates the pressure applied to the feel and centering unit. A feel pressure of 0 psi indicates stationary (no airspeed) conditions, a feel pressure of 620 psi indicates flight conditions equivalent to those of the accident aircraft at the start of the dive.
- (2) Positive elevator position values indicate aircraft nose down (surface trailing edge down) deflection, consistent with the test instrumentation sign convention.
- (3) Positive elevator position values indicate aircraft nose up (surface trailing edge up) deflection, consistent with the FDR sign convention. These columns were generated by adding the elevator deflections generated by the failure condition to the initial elevator positions on the accident aircraft recorded by the FDR prior to the dive. On the FDR, the left elevator position was 0.53 deg, and the right elevator position was -0.17 deg prior to the dive.

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PRELIMINARY

— Captain
 - - - First Officer
 Differential Elevator Feel Pressure = 162 psi
 Calibrated Airspeed = 0 kts



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EGYPT AIR INVESTIGATION
 AFT CABLE BREAK/AFT CABLE JAM
 TRANSIENT RESPONSE - COND .020



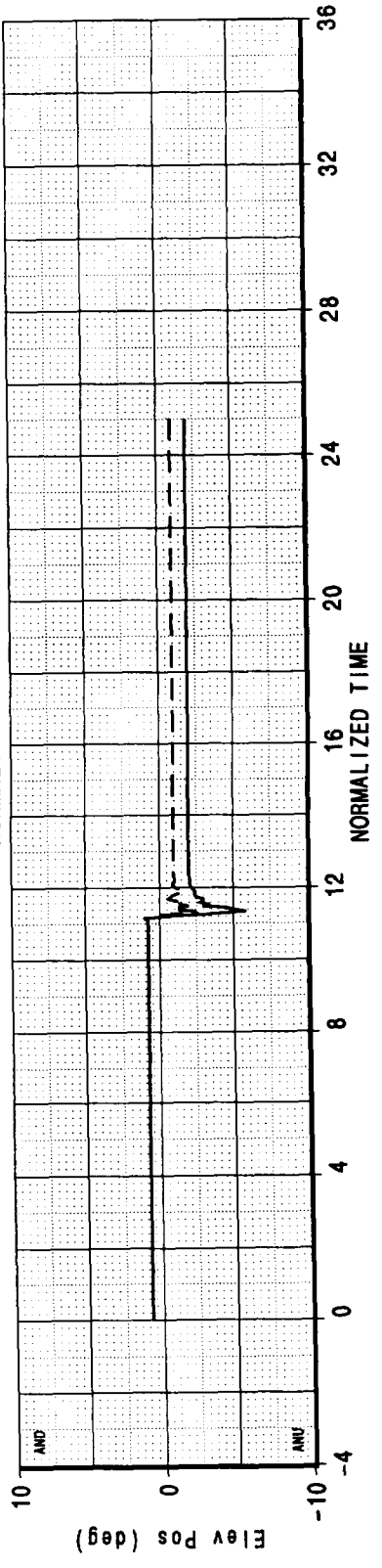
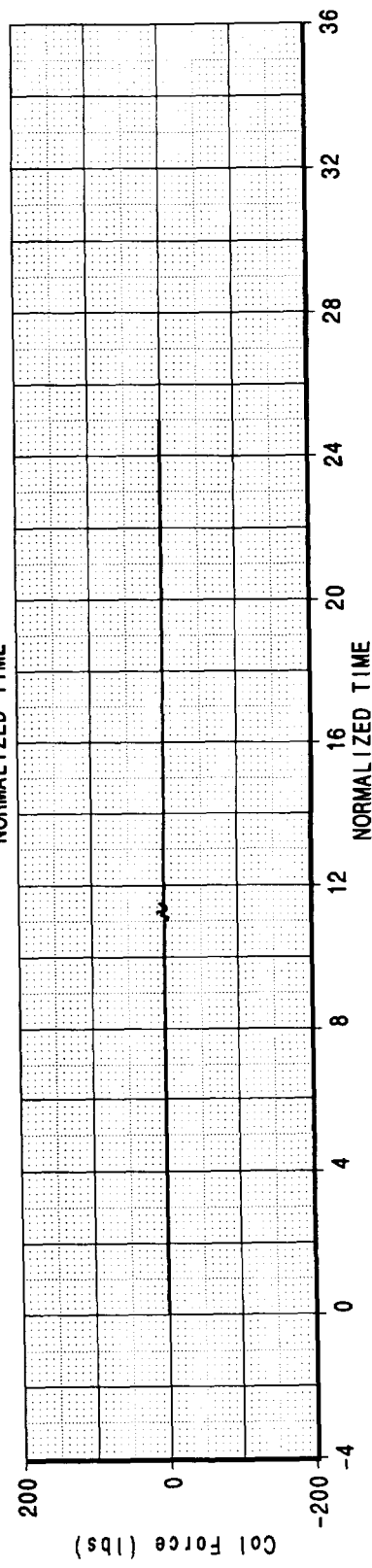
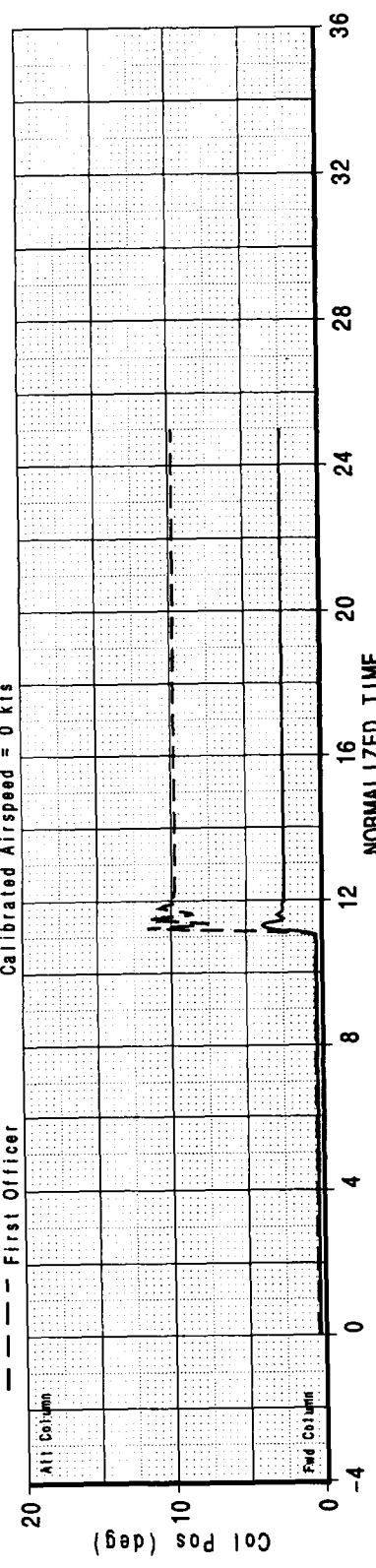
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08/27/01 18:50:45.0000-18:51:10.0000 VR259 000-06 767-300 BUCKLEY, KIMBERL

PRELIMINARY

Differential Elevator Feel Pressure = 162 psi
 Calibrated Airspeed = 0 kts

— Captain
 - - - First Officer



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EGYPT AIR INVESTIGATION
 AFT CABLE BREAK/AFT CABLE JAM
 TRANSIENT RESPONSE - COND .021

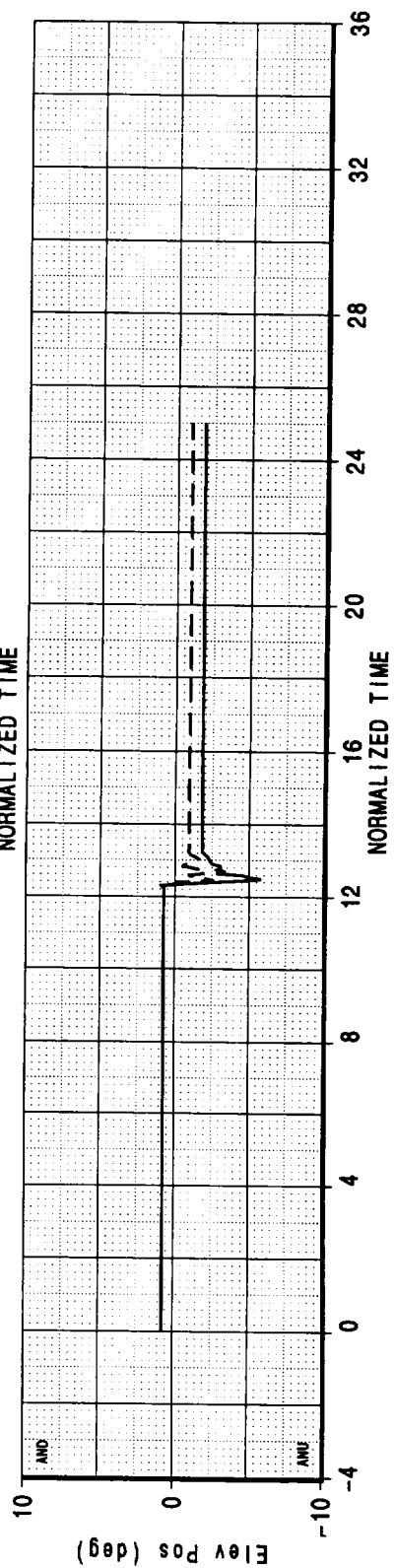
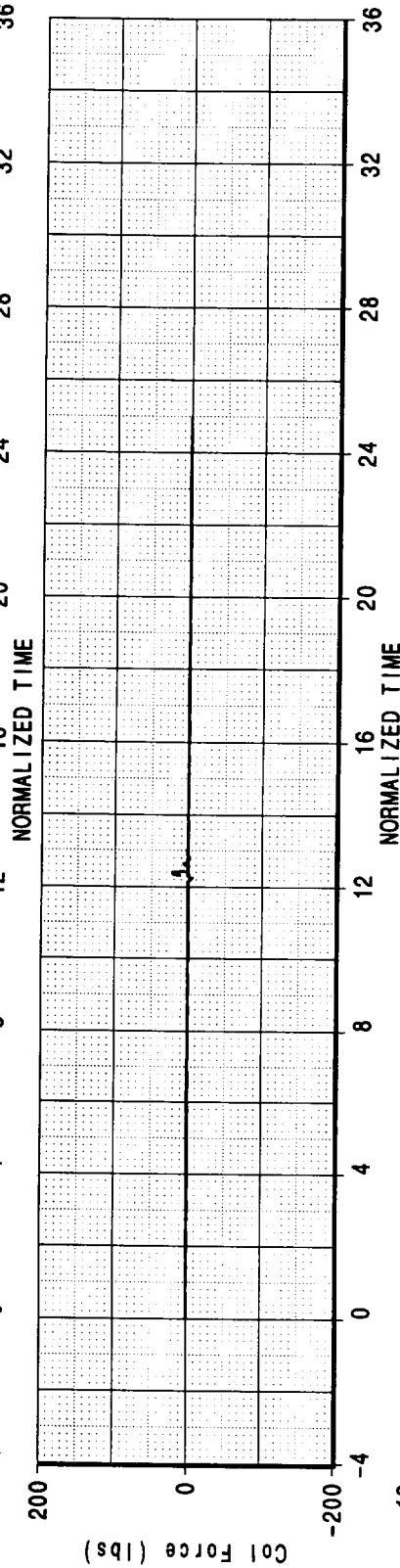
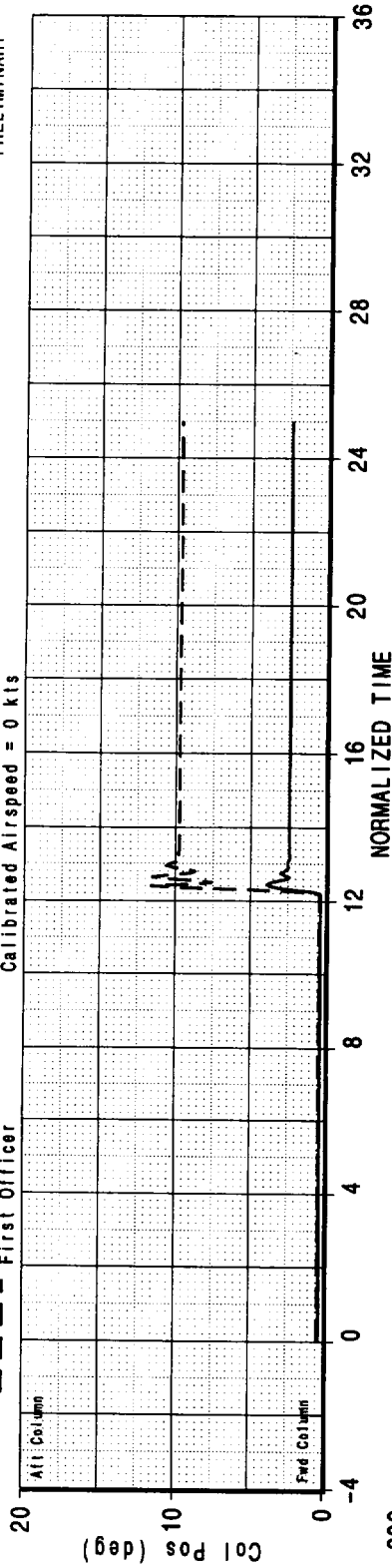


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PRELIMINARY
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 Calibrated Airspeed = 0 kts

— Captain
 - - - First Officer



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EGYPT AIR INVESTIGATION
 AFT CABLE BREAK/AFT CABLE JAM
 TRANSIENT RESPONSE - COND .022



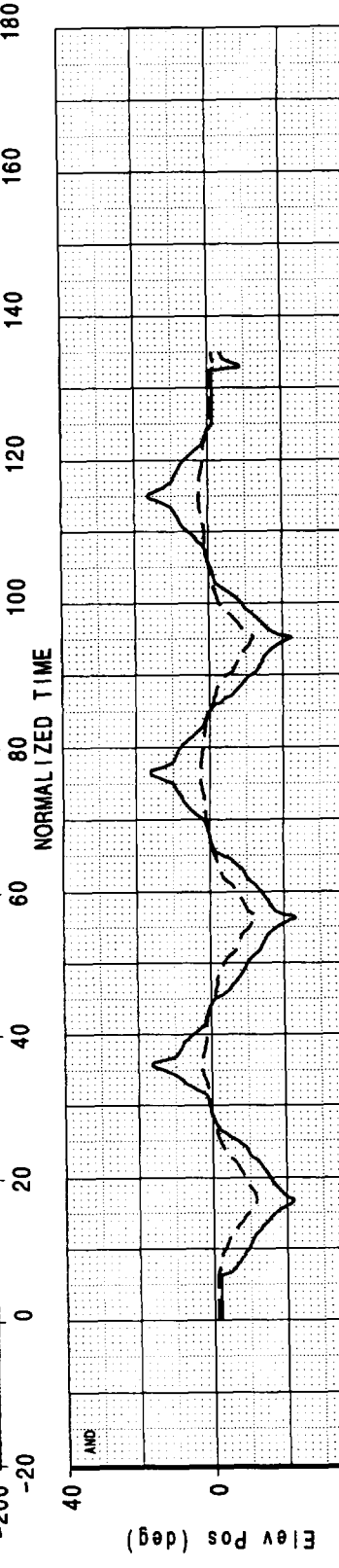
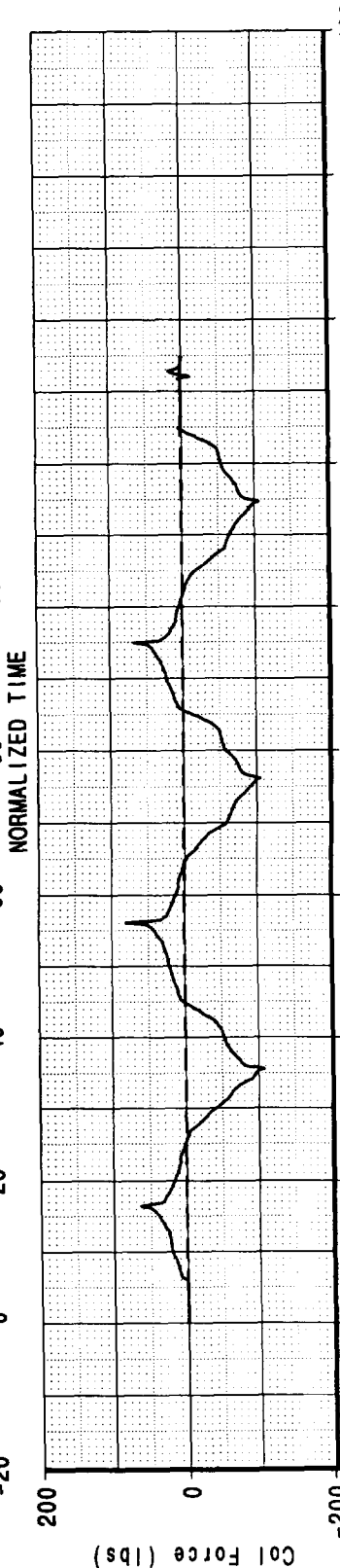
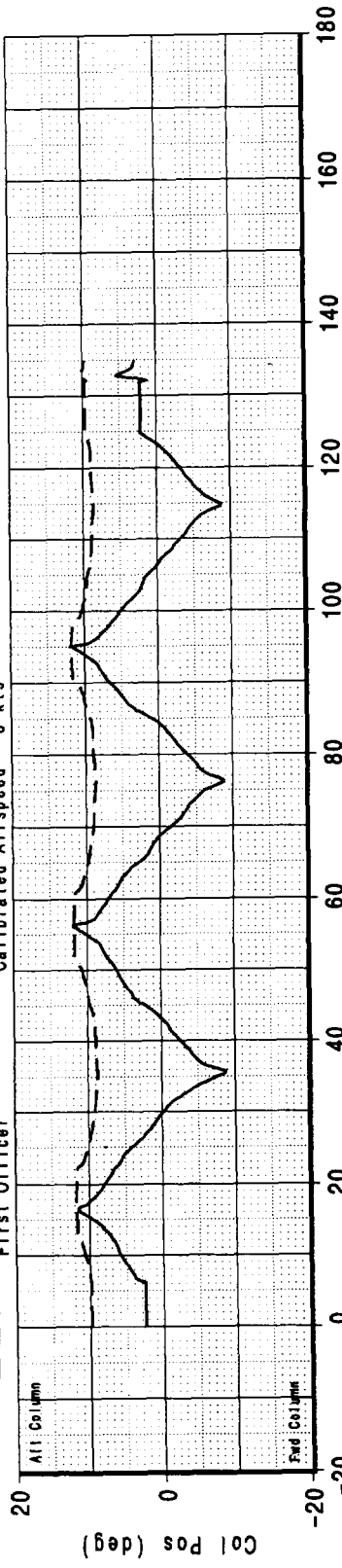
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PRELIMINARY

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Calibrated Airspeed = 0 kts

— Captain
- - - First Officer



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EGYPT AIR INVESTIGATION
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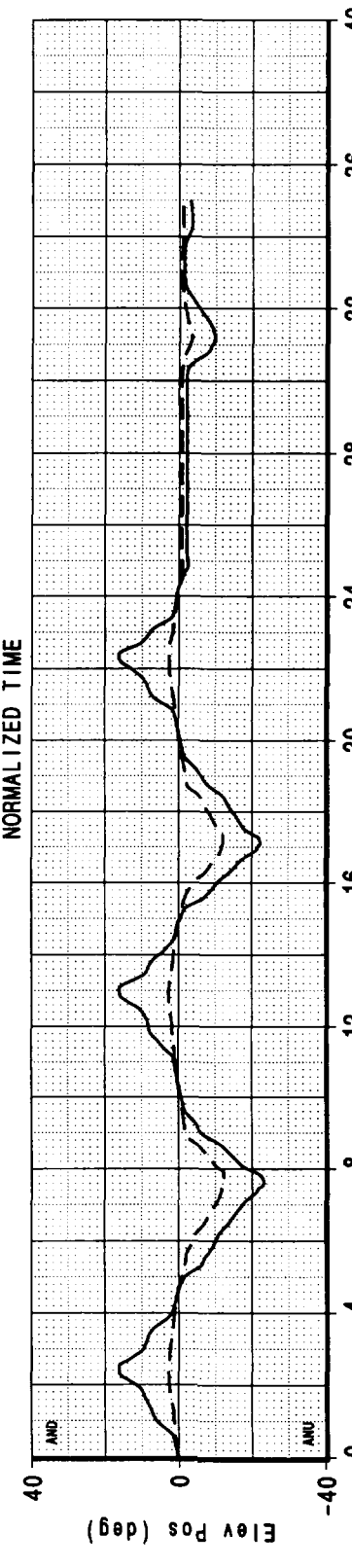
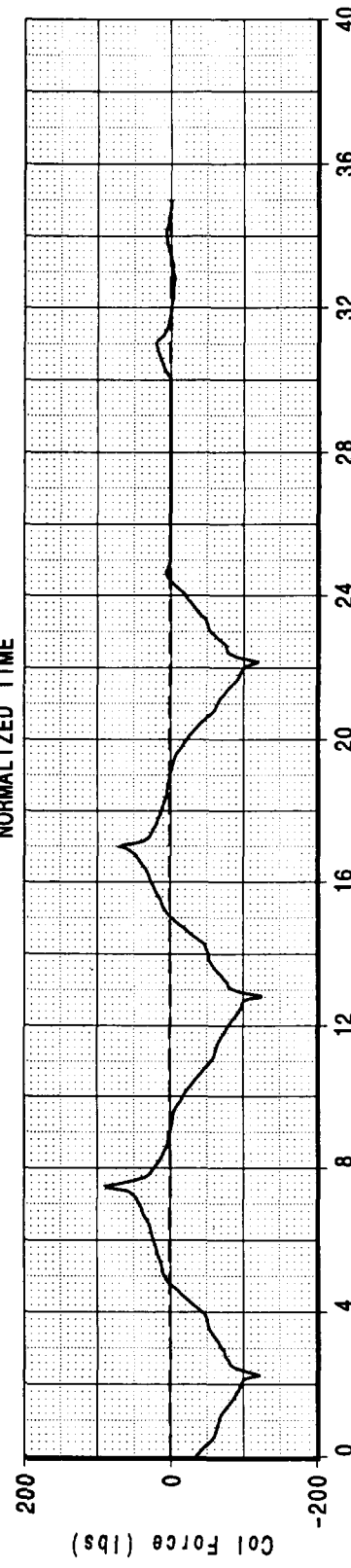
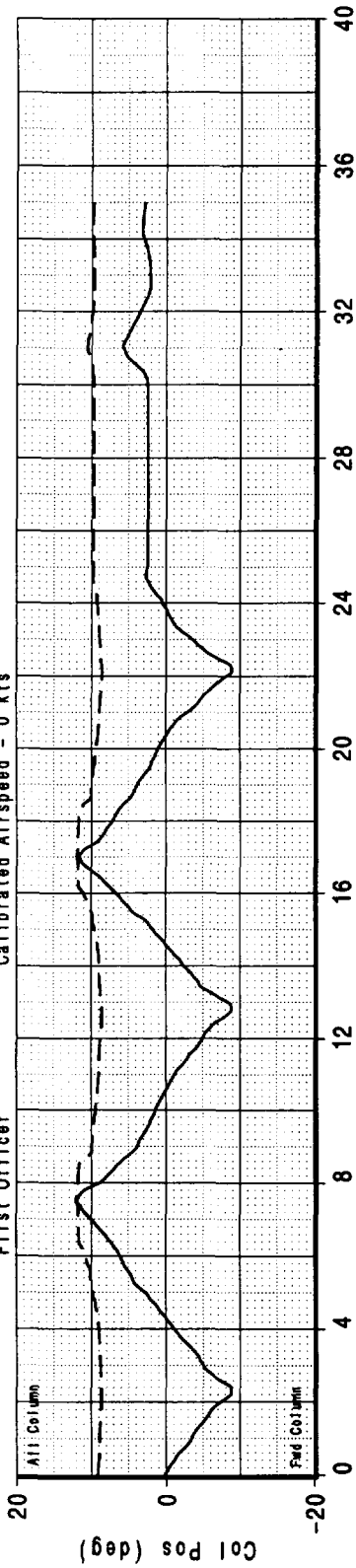
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PRELIMINARY

Differential Elevator Feel Pressure = 162 psi
 Calibrated Airspeed = 0 kts

— Captain
 - - - First Officer



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EGYPT AIR INVESTIGATION
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 CAPT MED COLUMN SWEEPS - COND .024



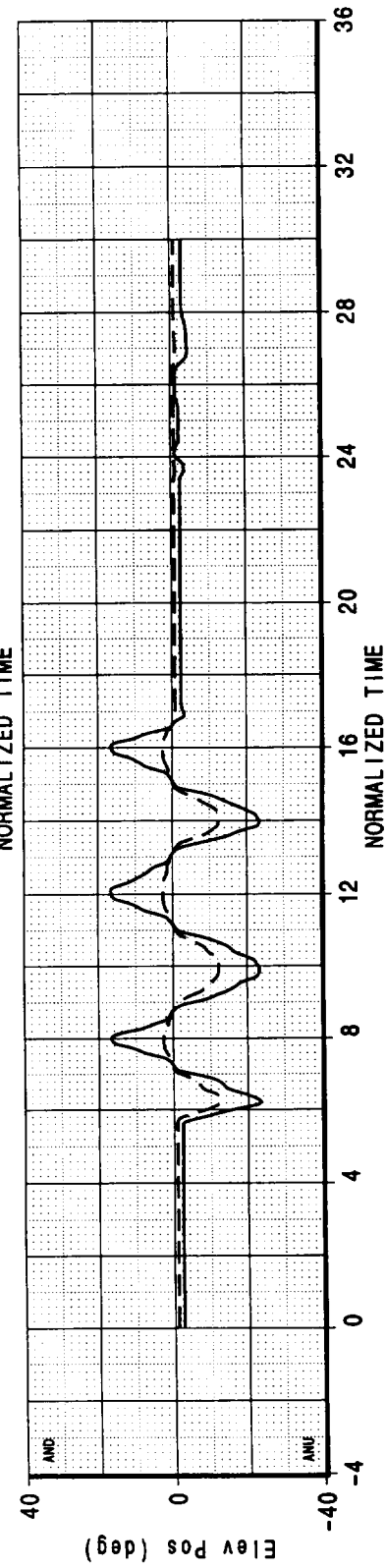
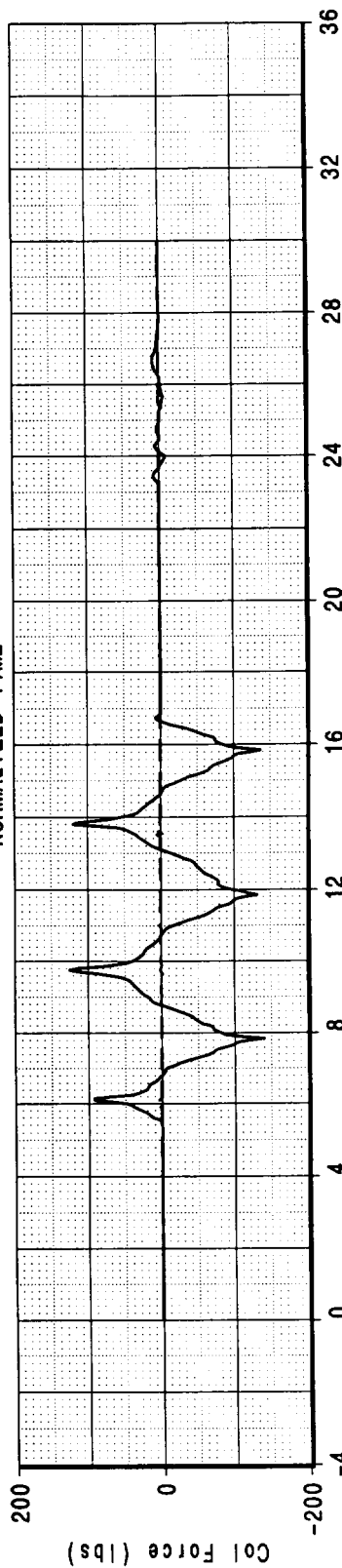
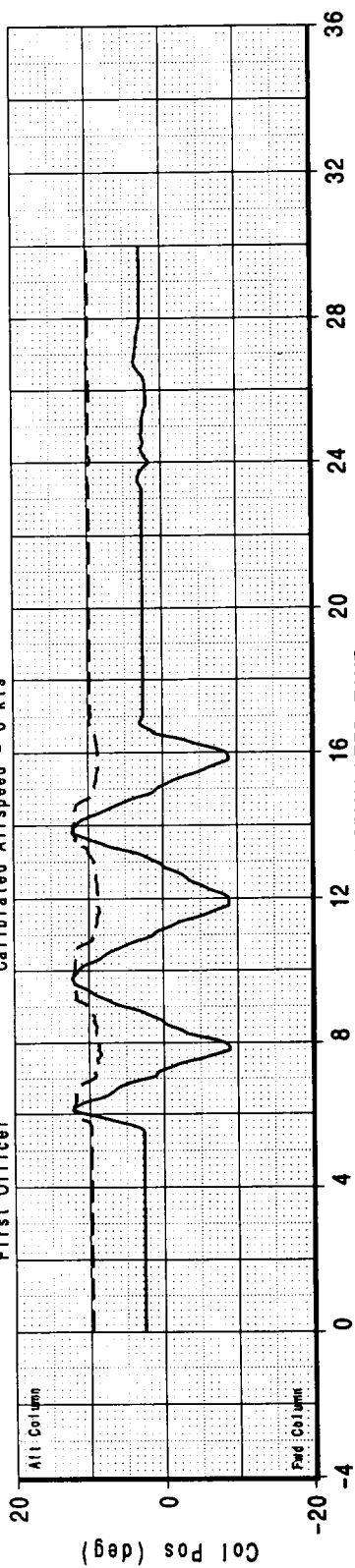
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PRELIMINARY

Differential Elevator Feel Pressure = 162 psi
 Calibrated Airspeed = 0 kts

— Captain
 - - - First Officer



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EGYPT AIR INVESTIGATION
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 CAPT FAST COLUMN SWEEPS - COND .025

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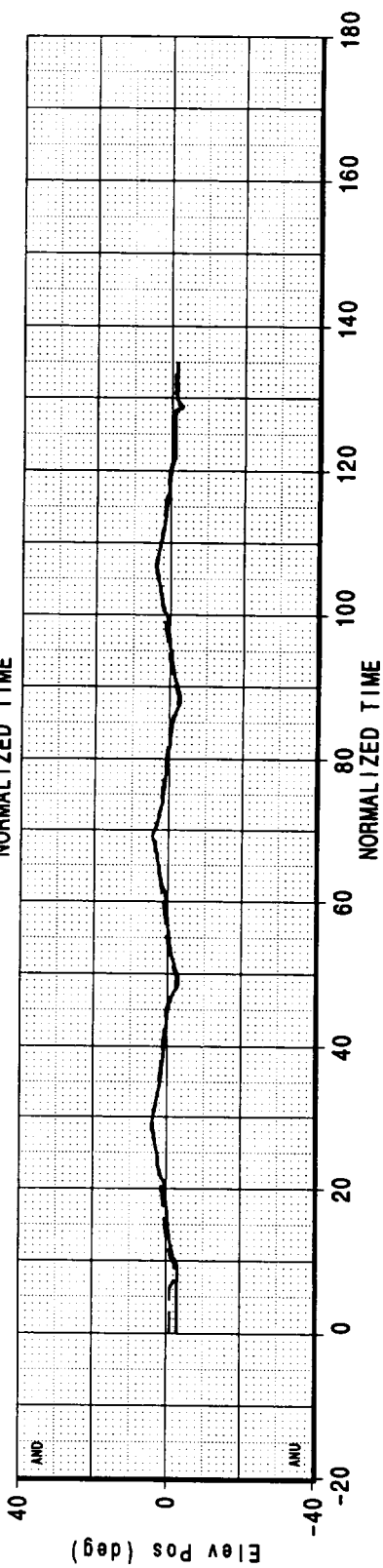
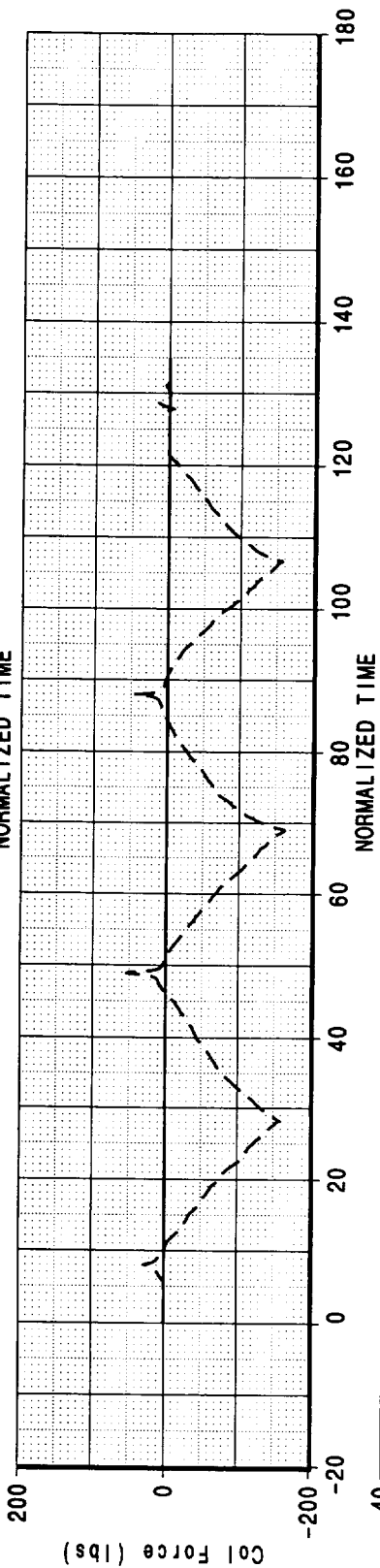
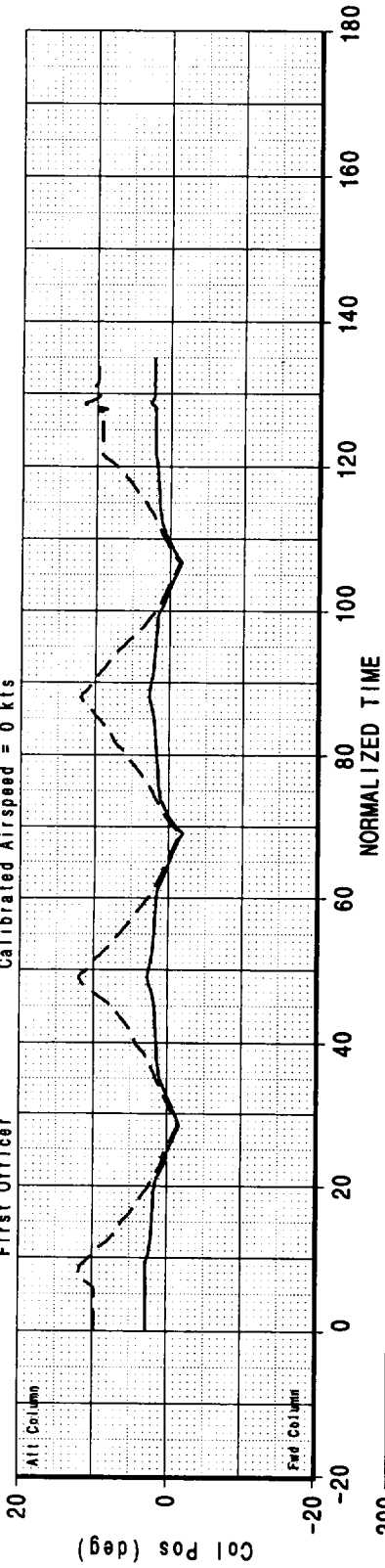
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PRELIMINARY

Differential Elevator Feel Pressure = 162 psi
 Calibrated Airspeed = 0 kts

— Captain
 - - - First Officer



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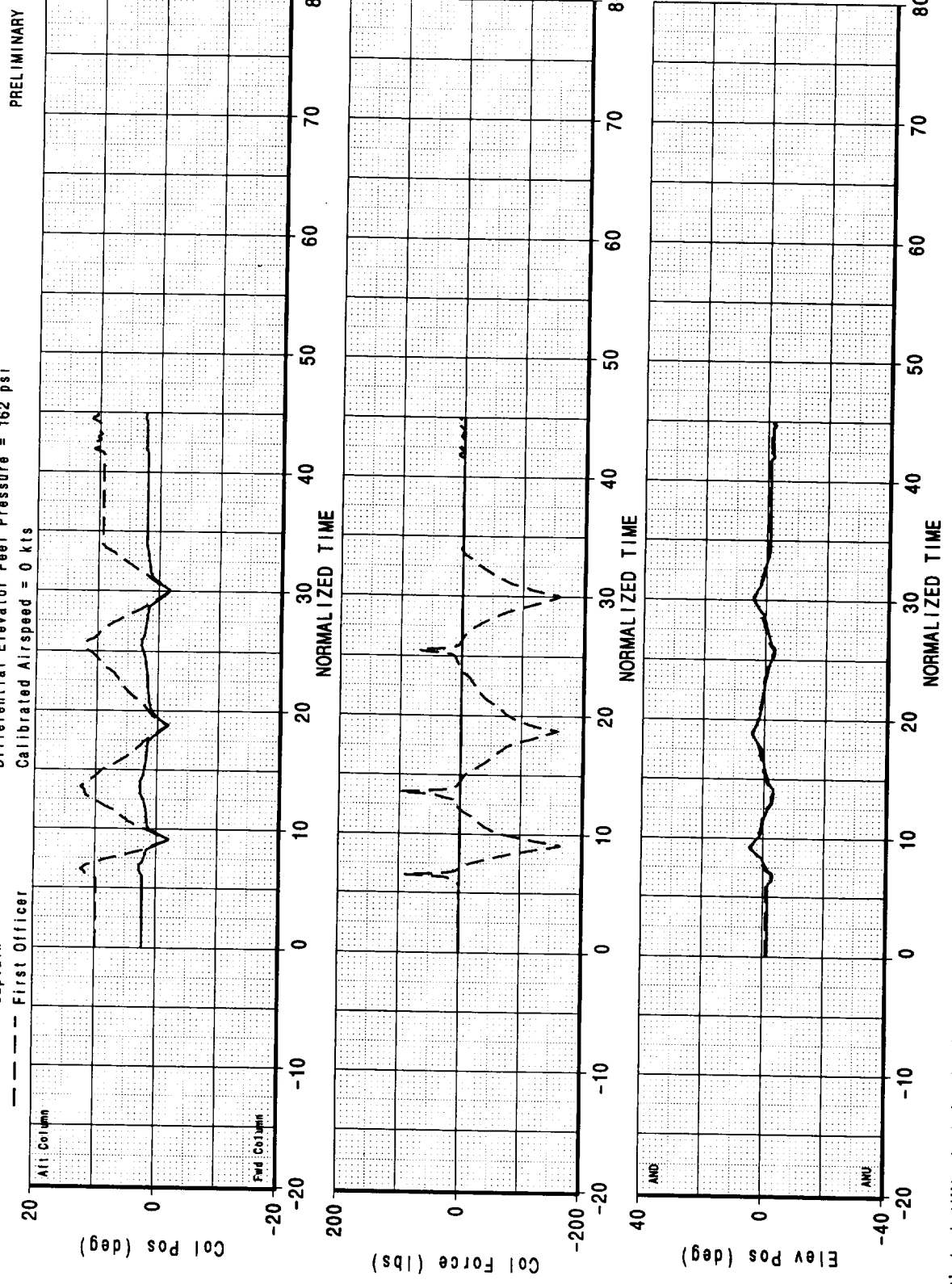
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EGYPT AIR INVESTIGATION
 AFT CABLE BREAK/AFT CABLE JAM
 F/O SLOW COLUMN SWEEPS - COND .026



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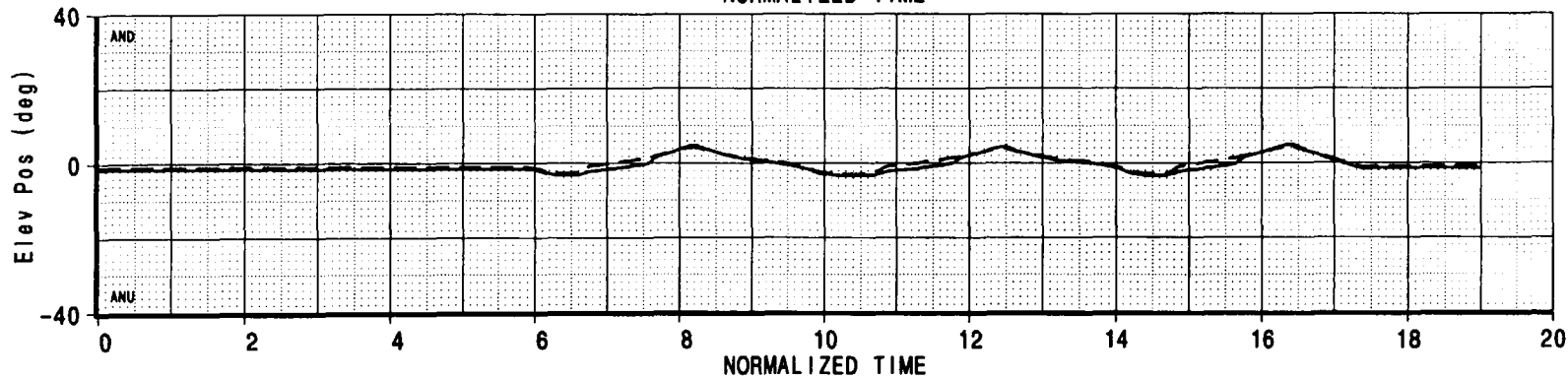
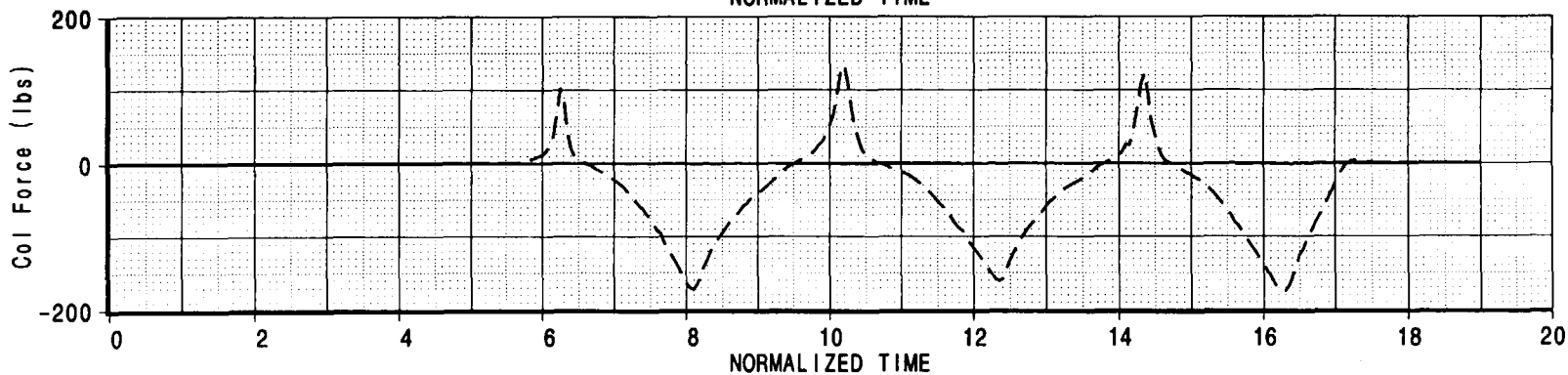
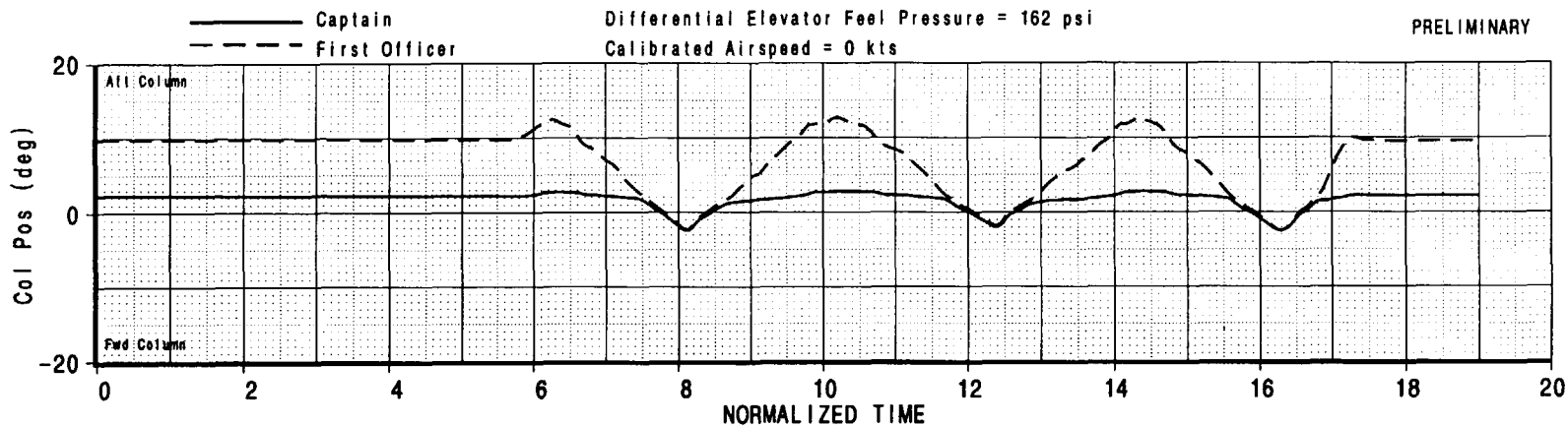
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AFT CABLE BREAK/AFT CABLE JAM
F/O MED COLUMN SWEEPS - COND .027

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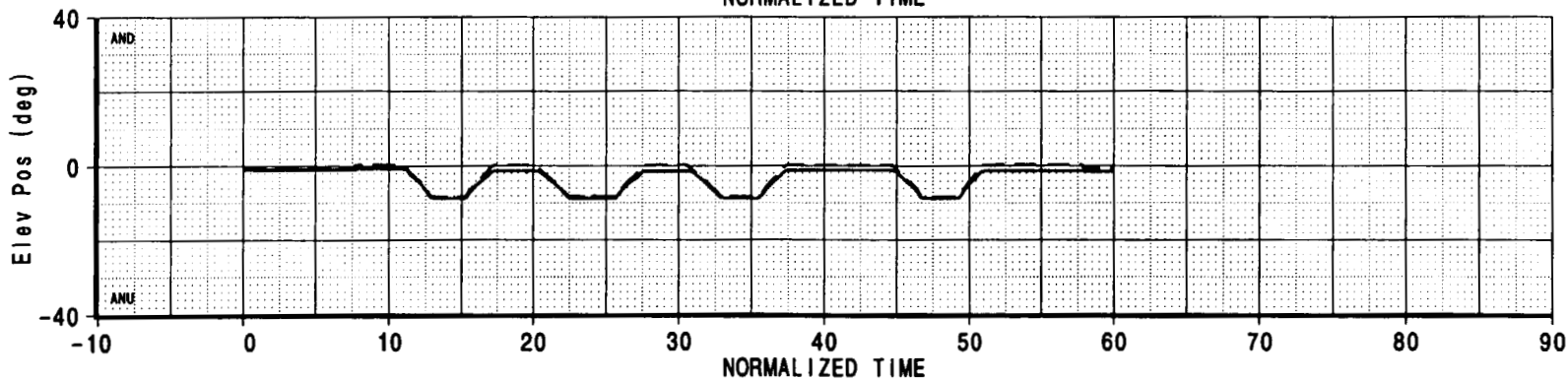
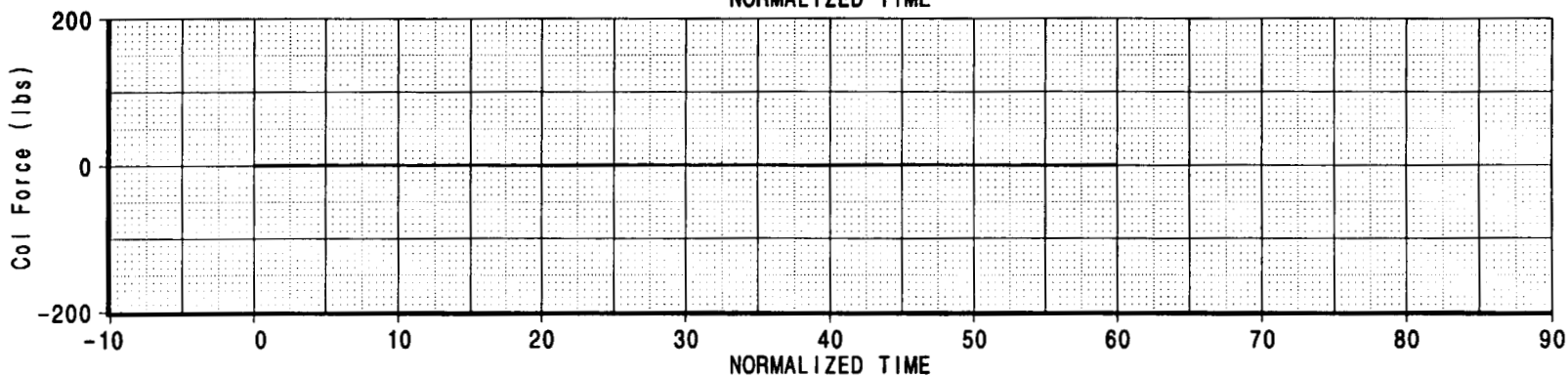
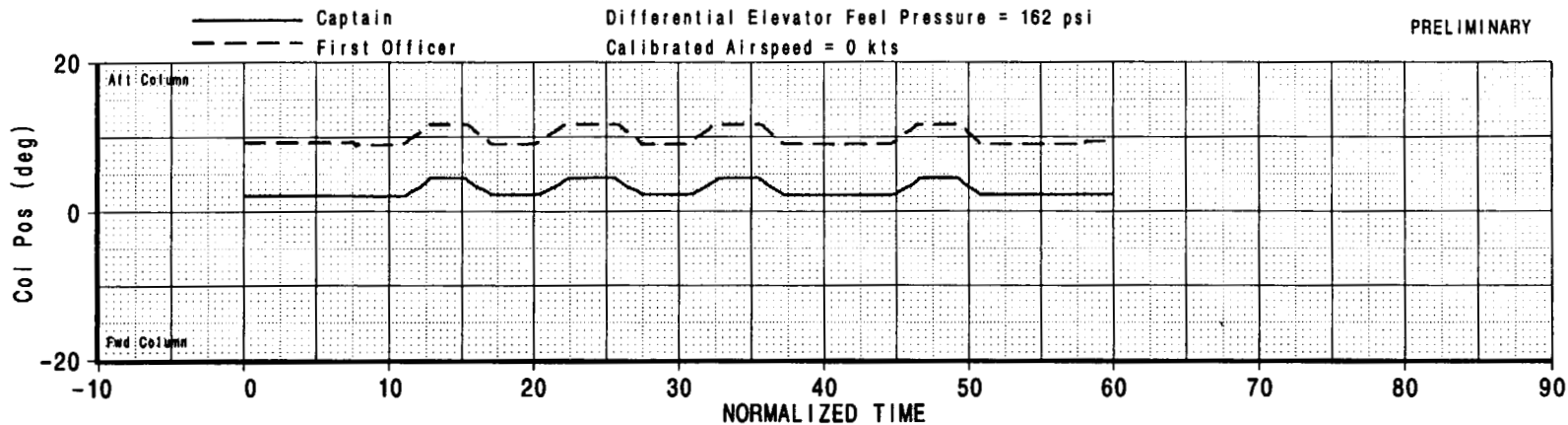


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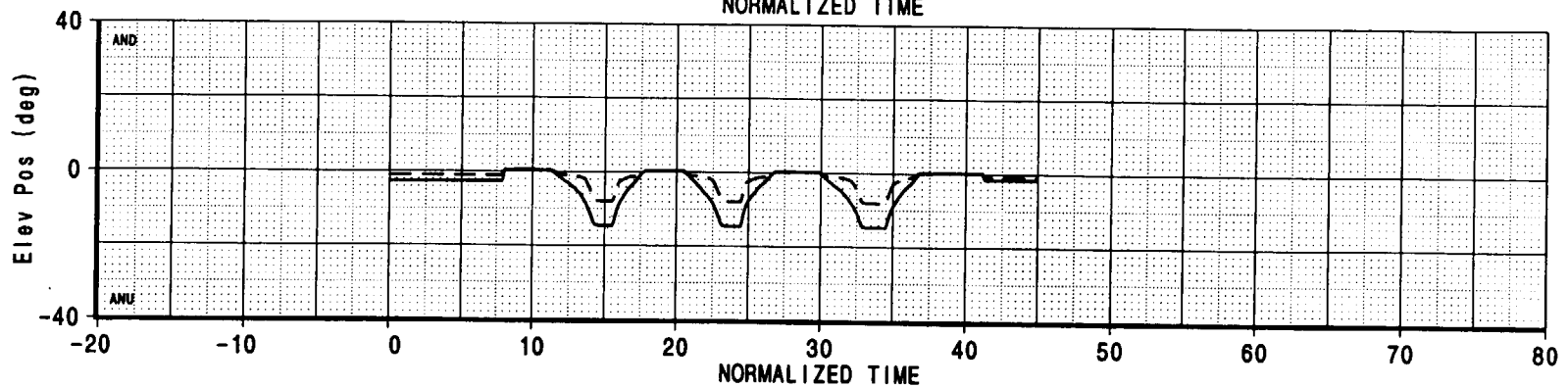
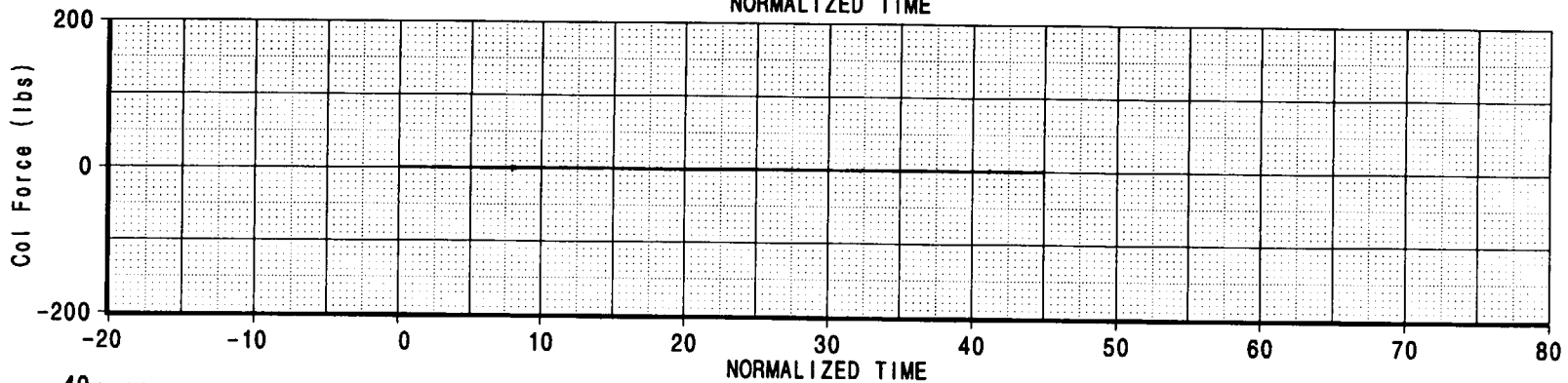
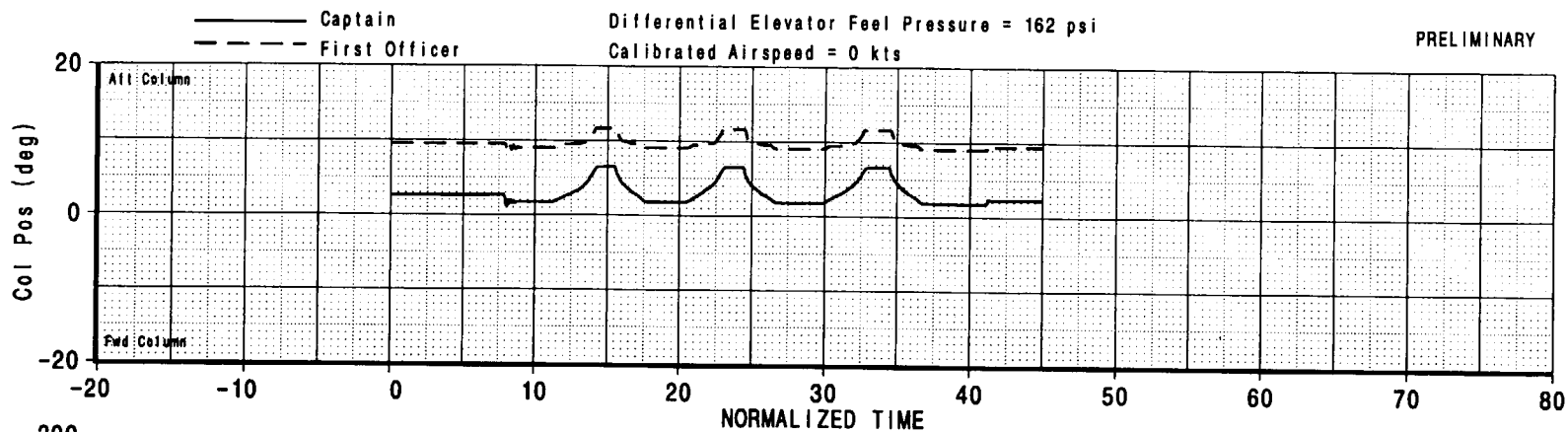


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EGYPT AIR INVESTIGATION AFT CABLE BREAK/AFT CABLE JAM R AUTOPILOT SWEEPS - COND .029				
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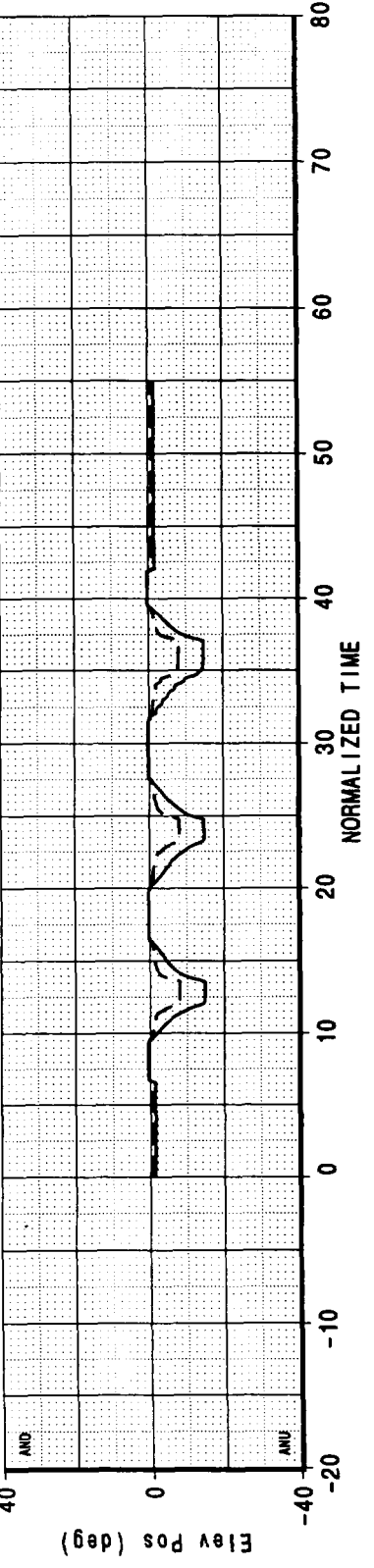
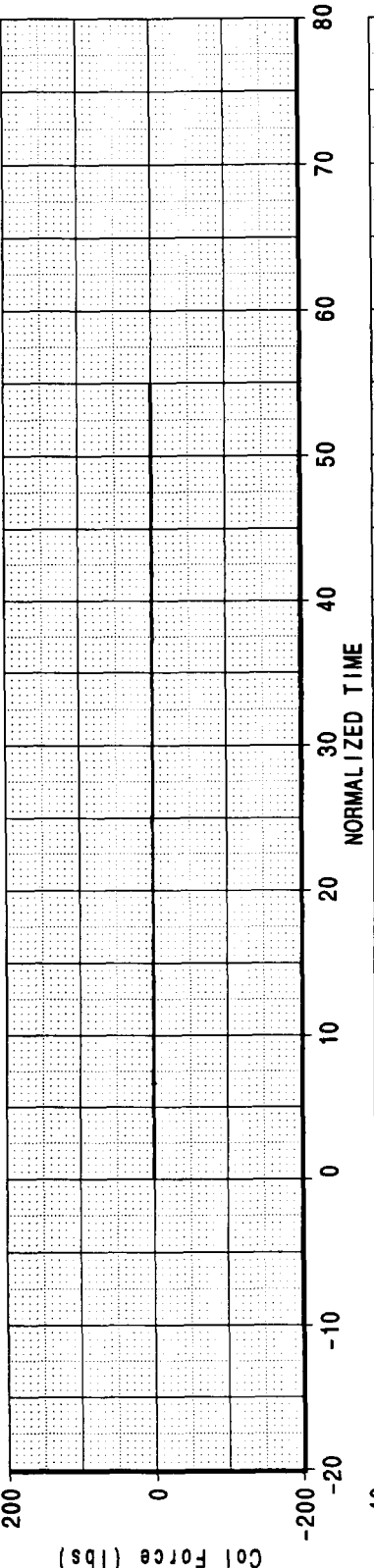
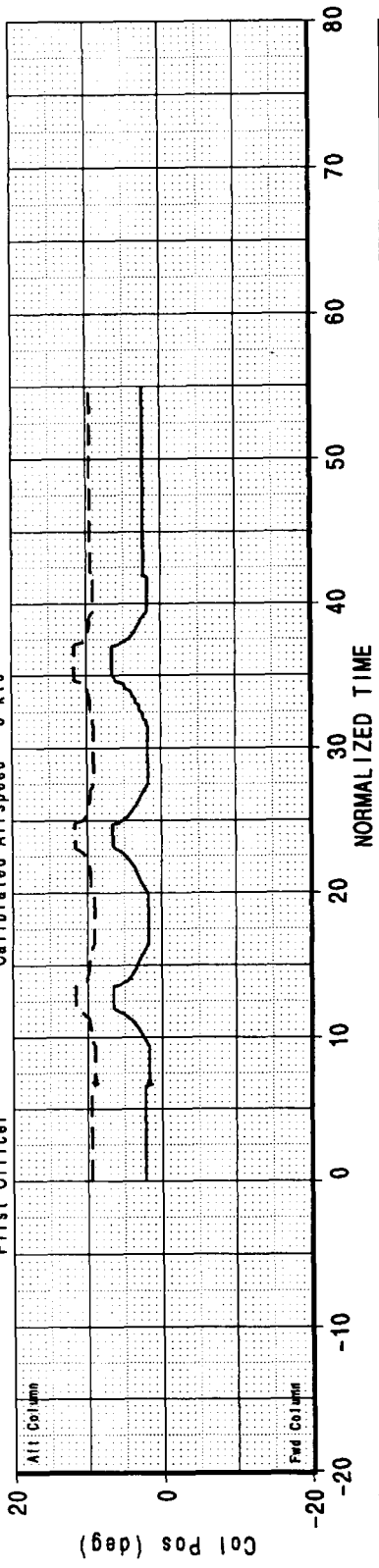
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PRELIMINARY

Differential Elevator Feel Pressure = 162 psi
 Calibrated Airspeed = 0 kts

— Captain
 - - - First Officer



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EGYPT AIR INVESTIGATION
 AFT CABLE BREAK/AFT CABLE JAM
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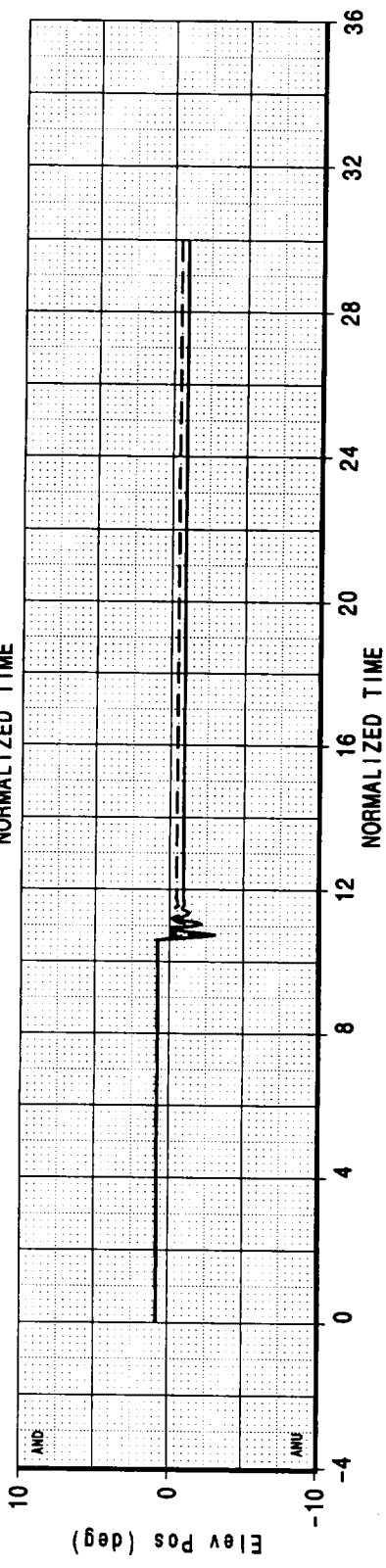
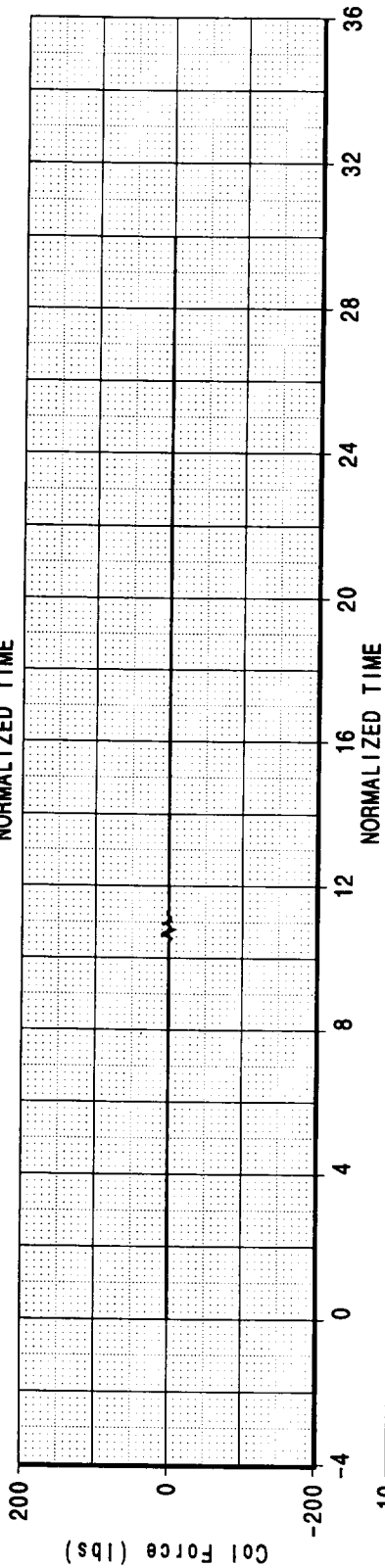
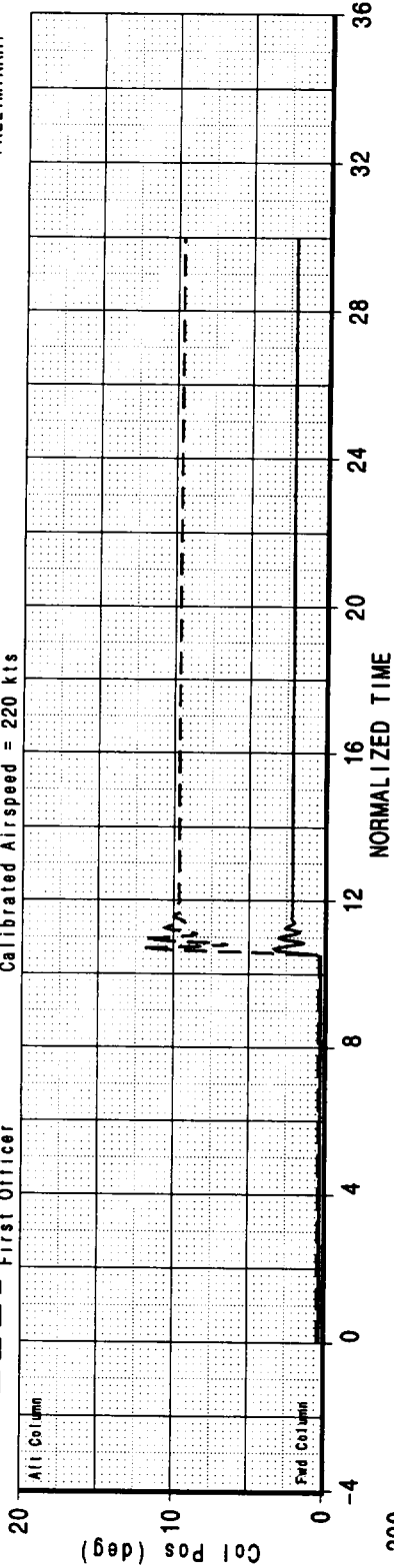
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PRELIMINARY

— Captain
 - - - First Officer
 Differential Elevator Feel Pressure = 620 psi
 Calibrated Airspeed = 220 kts



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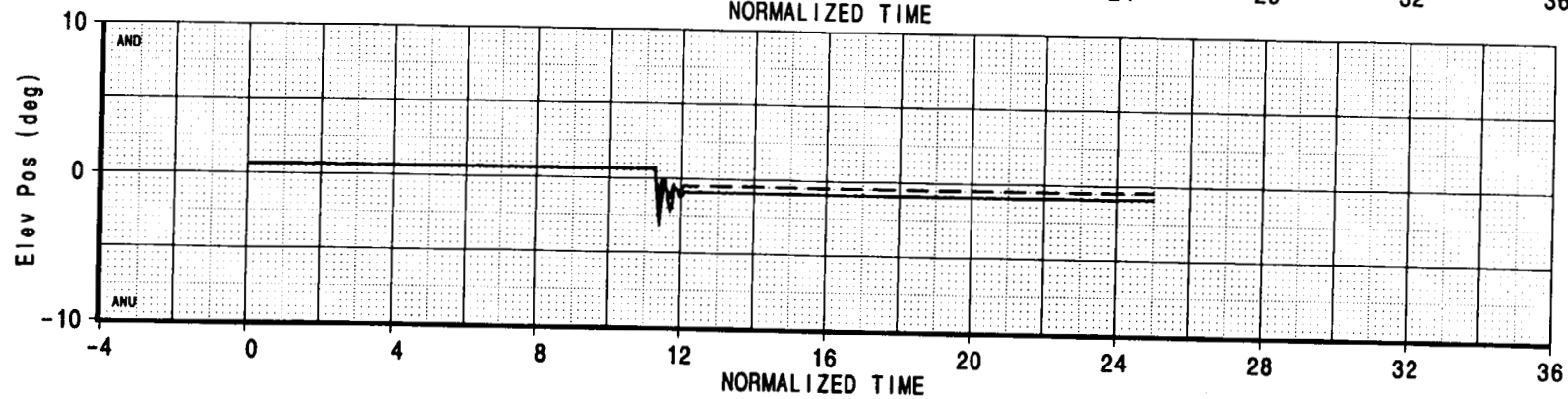
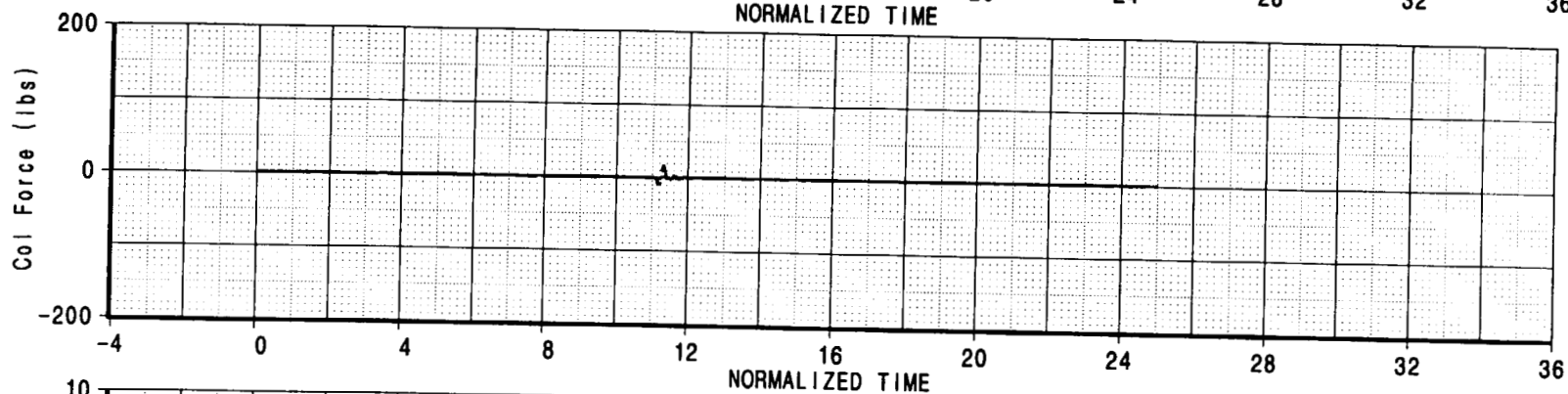
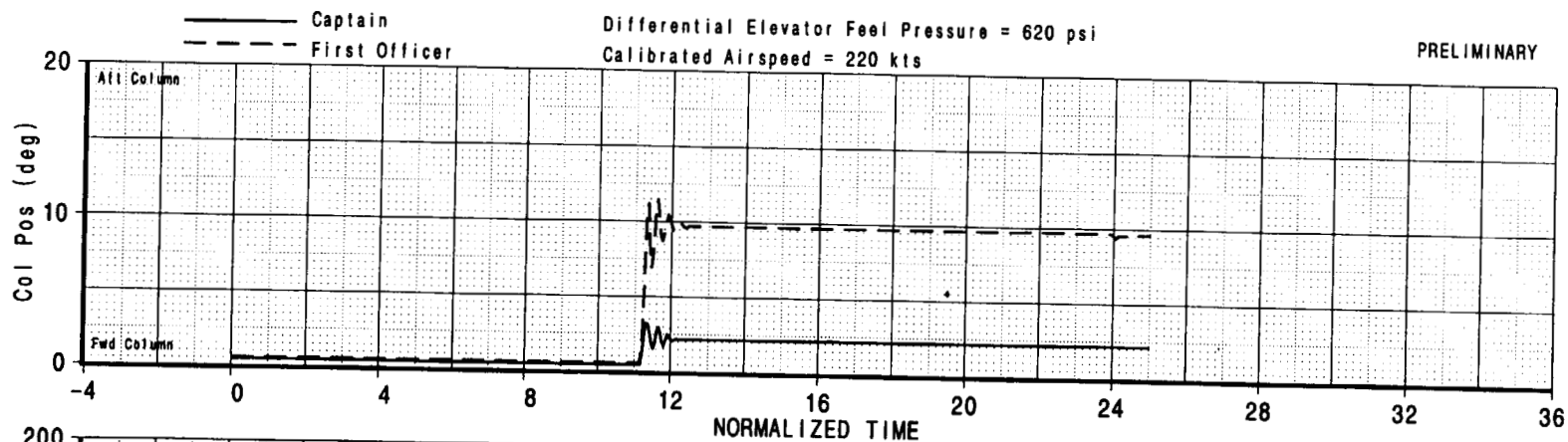
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EGYPT AIR INVESTIGATION
 AFT CABLE BREAK/AFT CABLE JAM
 TRANSIENT RESPONSE - COND .032

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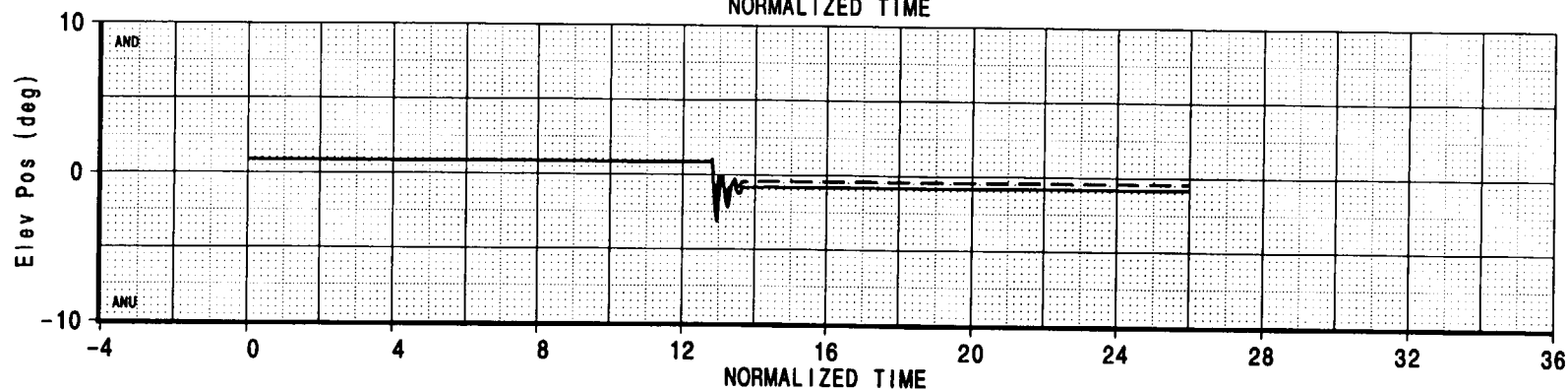
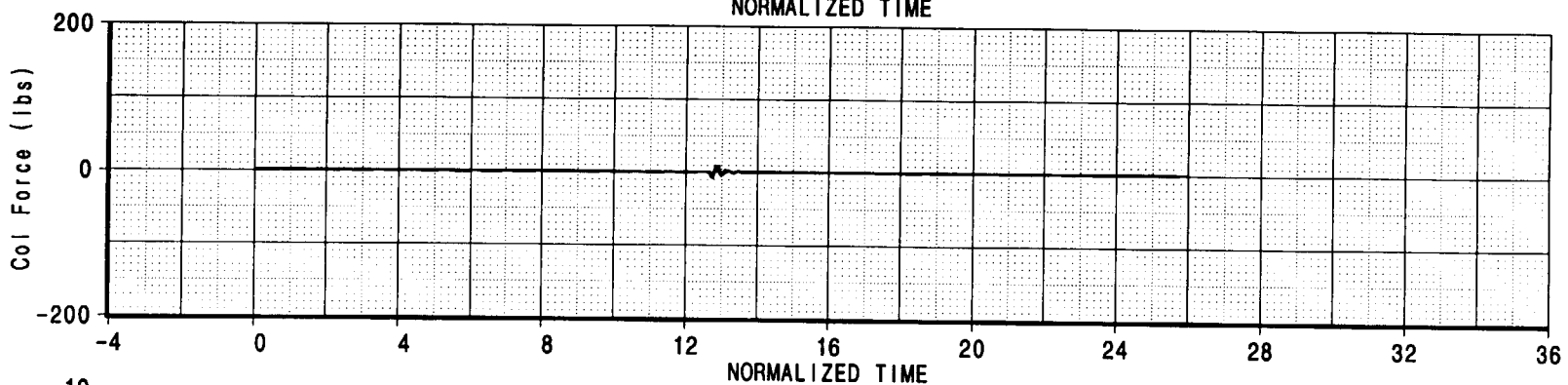
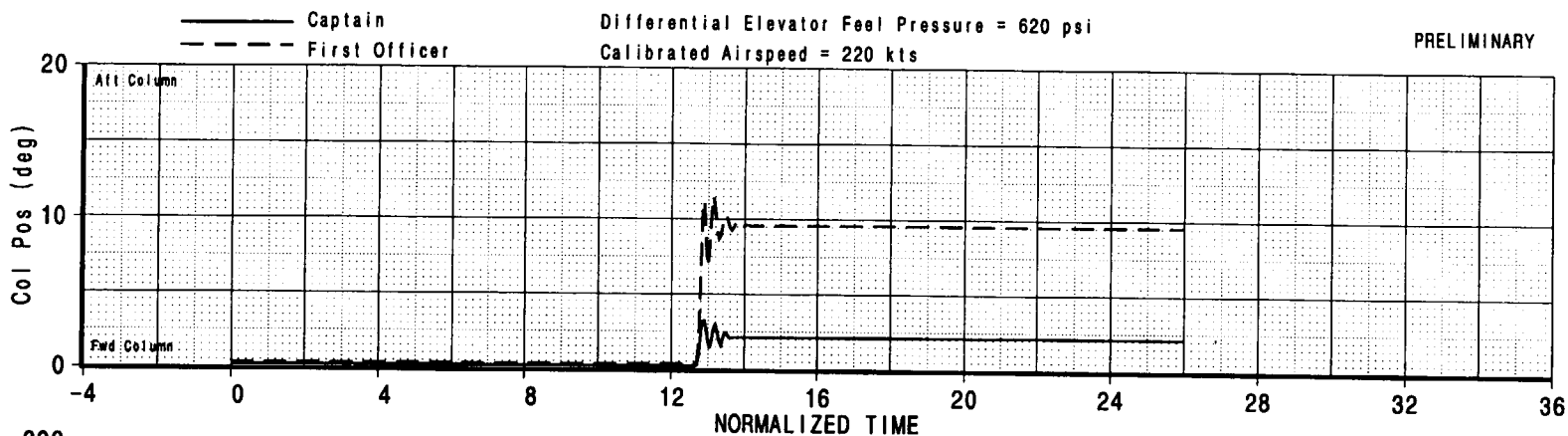
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EGYPT AIR INVESTIGATION AFT CABLE BREAK/AFT CABLE JAM TRANSIENT RESPONSE - COND .033				
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				Test Date: 27-AUG-01
				767-300F VR259

08/27/01 18:41:05.0000-18:41:31.0000 VR259 000-06 767-300 BUCKLEY, KIMBERL



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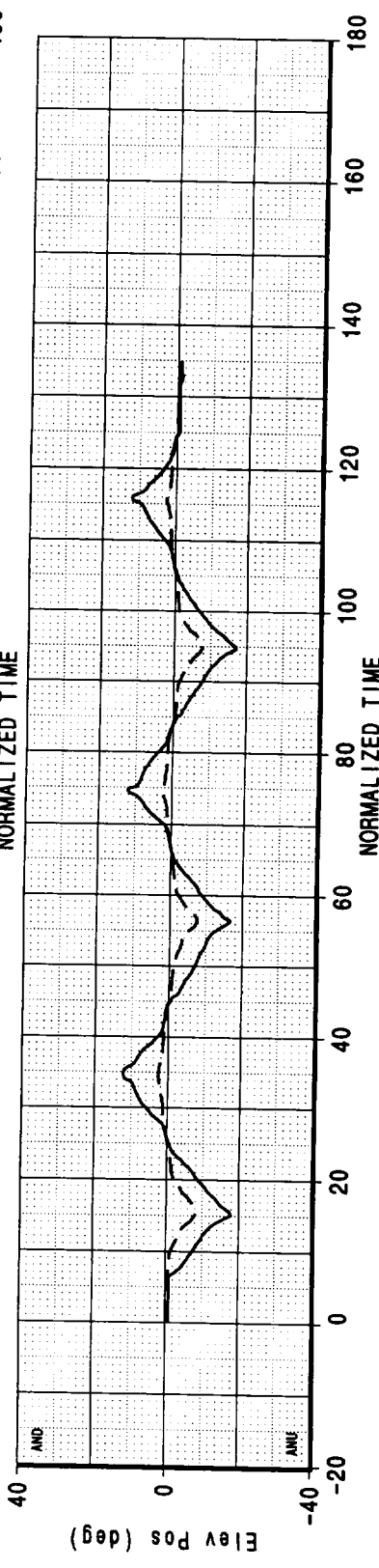
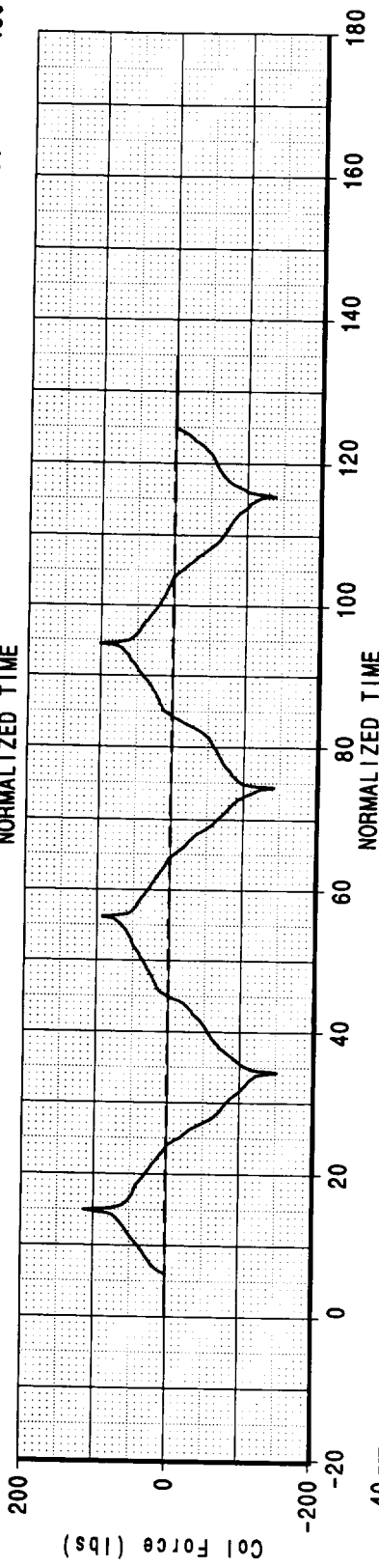
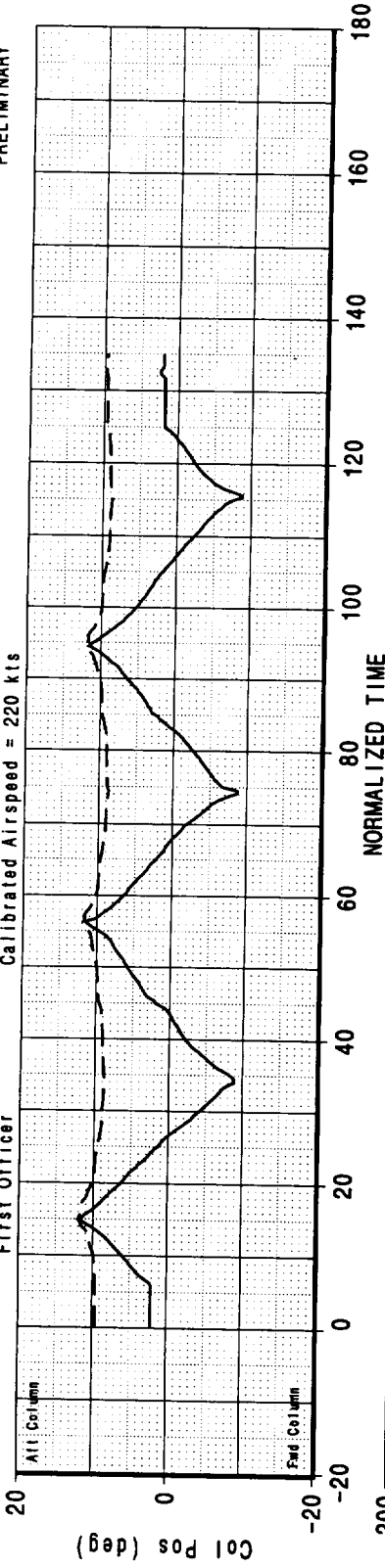
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767-300F	VR259	EGYPT AIR INVESTIGATION		
Test Date:	27-AUG-01	AFT CABLE BREAK/AFT CABLE JAM		
PAGE		TRANSIENT RESPONSE - COND .034		
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08/27/01 13:57:05.0000-13:59:20.0000 VR259 000-06 767-300 BUCKLEY, KIMBERL

PRELIMINARY

Differential Elevator Feel Pressure = 620 psi
 Calibrated Airspeed = 220 kts

— Captain
 - - - First Officer



[A]: /project/111sys/control_sys/ays_ini/767/analysis/multiplots/egyppt_01/vr259_g1_000_06/vr259_000_06_4701.eab
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CALC	SEAN RUSSELL	28Aug01	REVISED	DATE
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EGYPT AIR INVESTIGATION
 AFT CABLE BREAK/AFT CABLE JAM
 CAPT SLOW COLUMN SWEEPS - COND .035



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 27-AUG-01

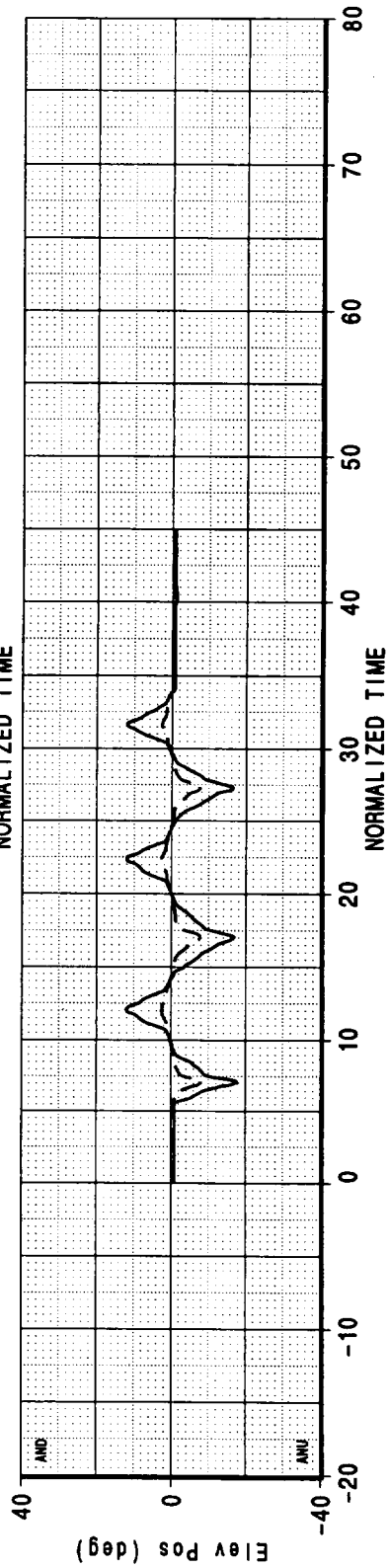
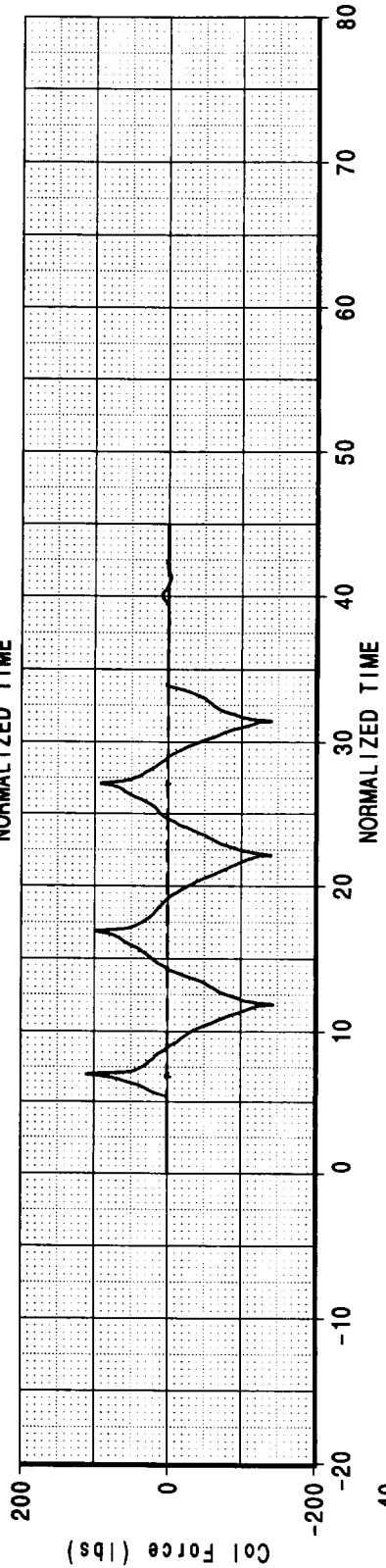
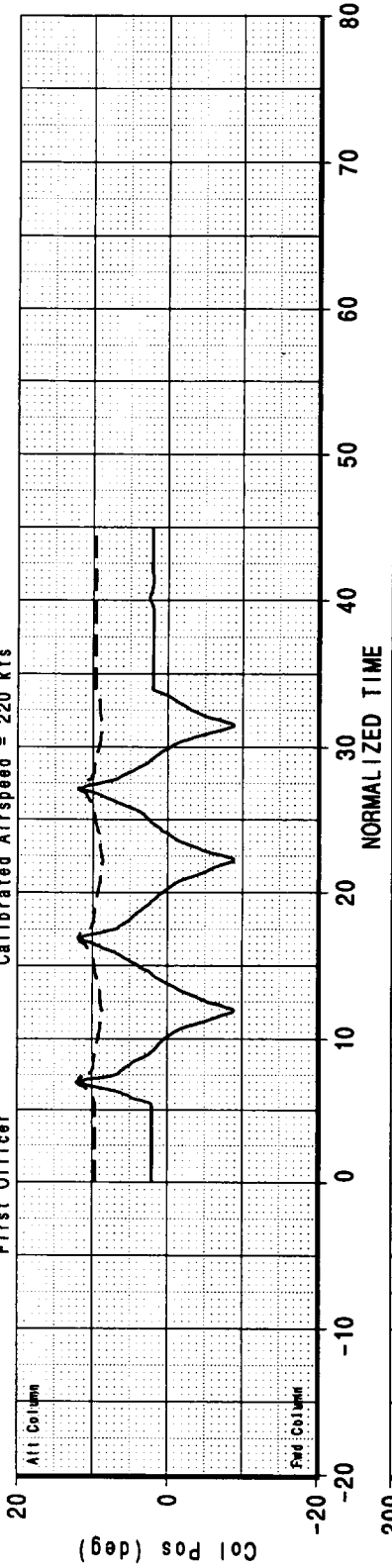
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08/27/01 13:59:35.0000-14:00:20.0000 VR259 000-06 767-300 BUCKLEY, KIMBERL

PRELIMINARY

Differential Elevator Feel Pressure = 620 psi
 Calibrated Airspeed = 220 kts

— Captain
 - - - First Officer



[A]: /project/it/eye/control_eyes/eye_tst/767/sustain/multi/eye/egypt_air/vr259_at_000_06/vr259_000_06_4701.eeb
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EGYPT AIR INVESTIGATION
 AFT CABLE BREAK/AFT CABLE JAM
 CAPT MED COLUMN SWEEPS - COND .036

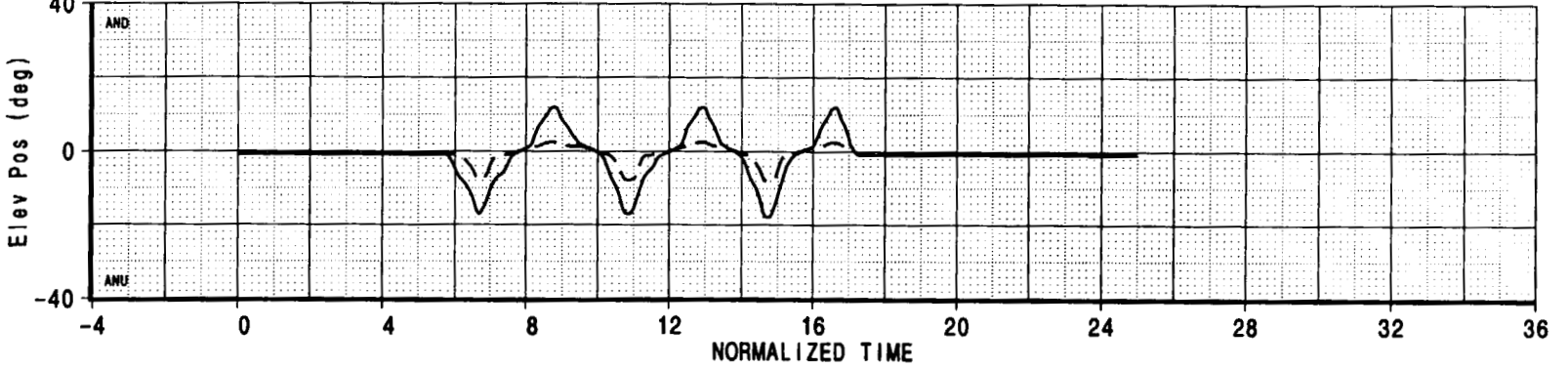
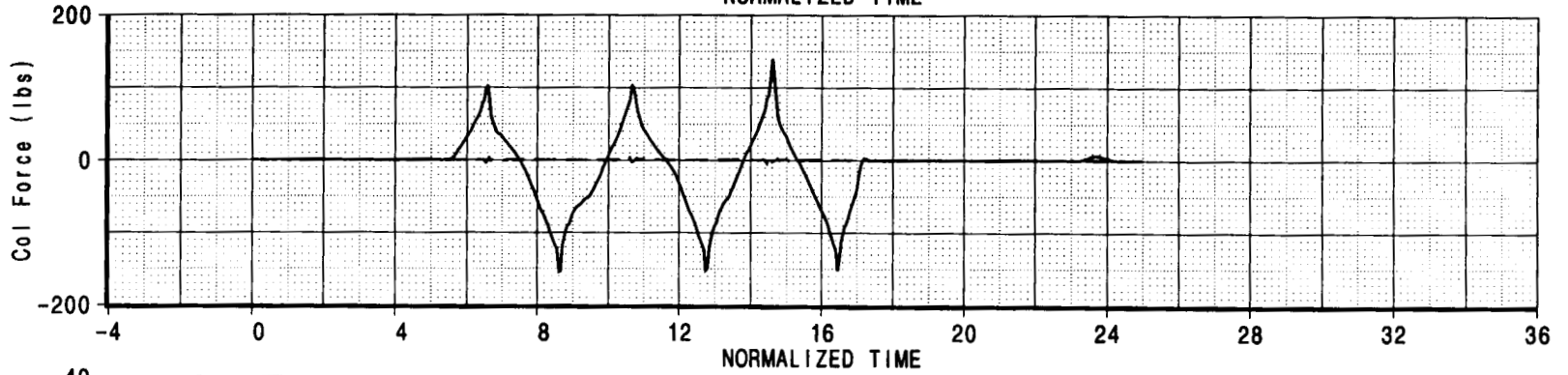
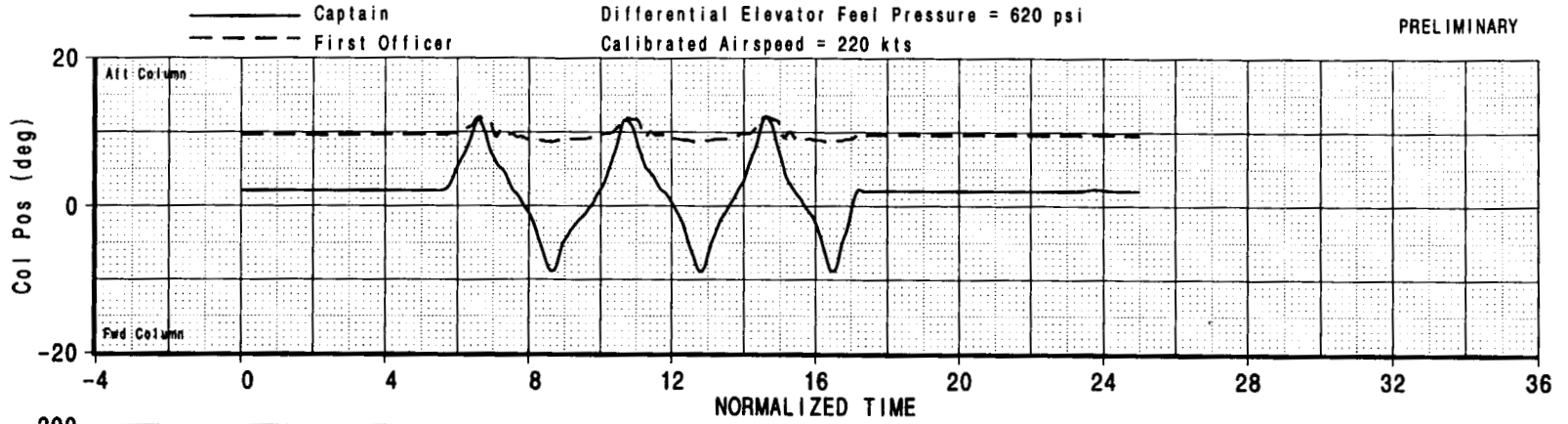


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08/27/01 14:00:35.0000-14:01:00.0000 VR259 000-06 767-300 BUCKLEY, KIMBERL



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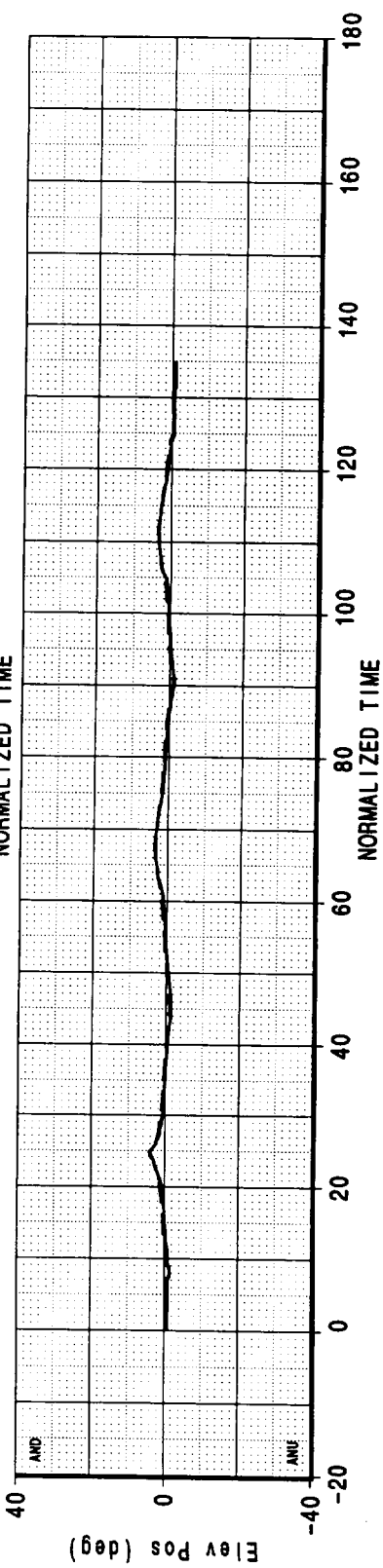
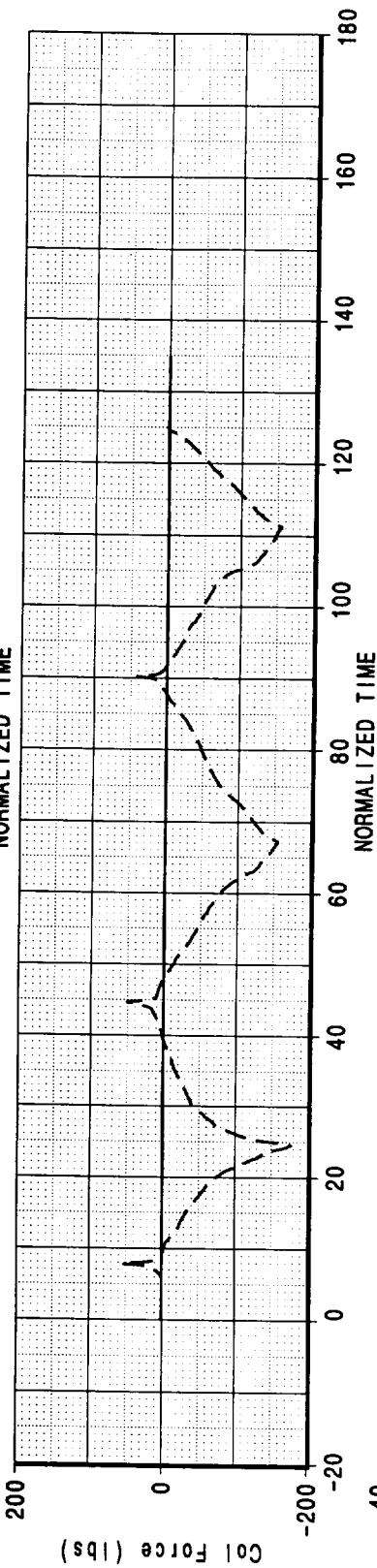
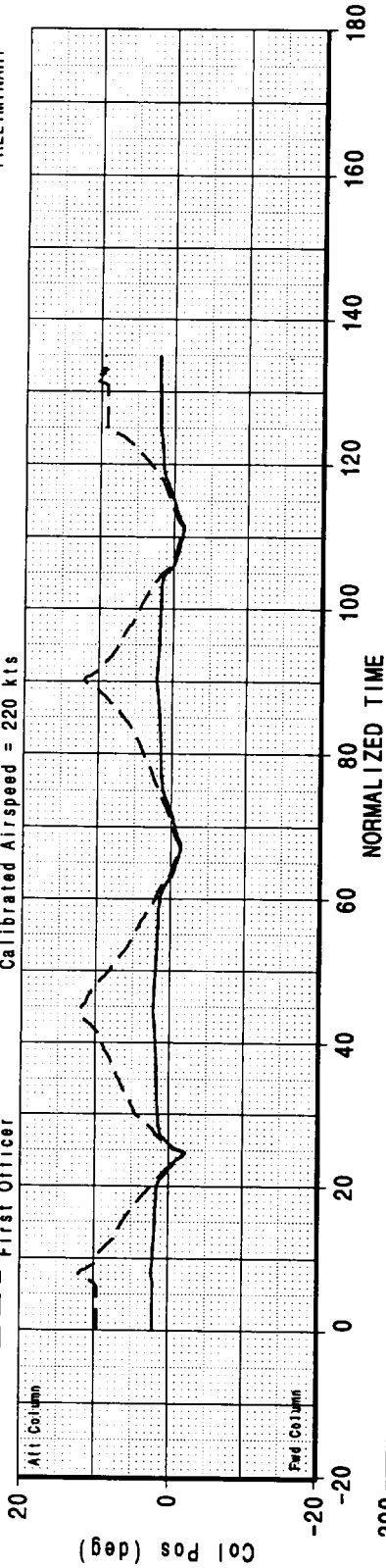
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EGYPT AIR INVESTIGATION AFT CABLE BREAK/AFT CABLE JAM CAPT FAST COLUMN SWEEPS - COND .037				
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08/27/01 14:01:50.0000-14:04:05.0000 VR259 000-06 767-300 BUCKLEY, KIMBERL

PRELIMINARY

Differential Elevator Feel Pressure = 620 psi
 Calibrated Airspeed = 220 kts

— Captain
 - - - First Officer



[A]: /project/fit/sys/control_sys/sys_int/767/analysis/mlt/ays/egypt_alr/vr259_g1_000_06/VR259_000_06_4701.esb
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CALC	SEAN RUSSELL	28Aug01	REVISED	DATE
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EGYPT AIR INVESTIGATION
 AFT CABLE BREAK/AFT CABLE JAM
 F/O SLOW COLUMN SWEEPS - COND .038

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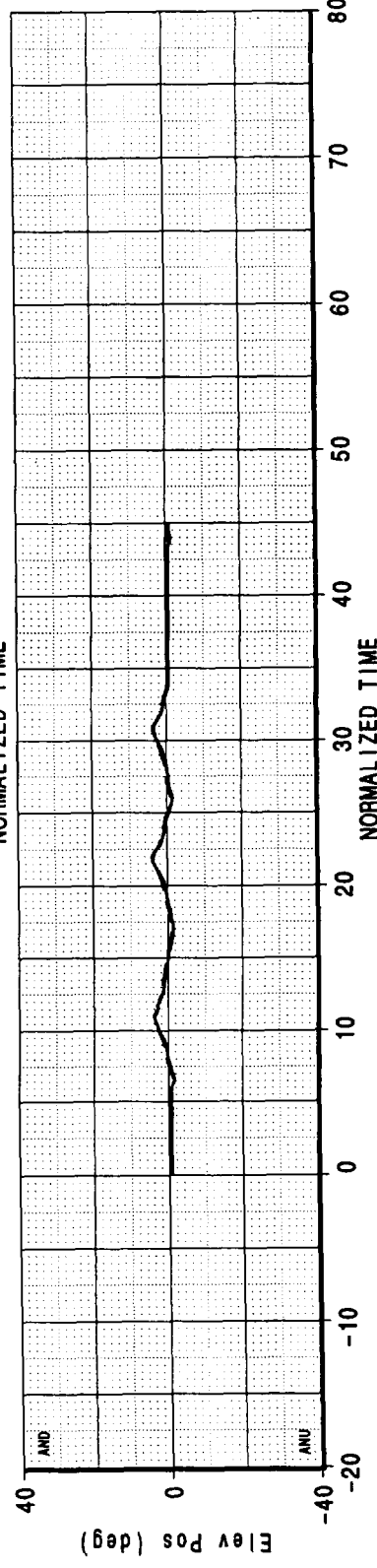
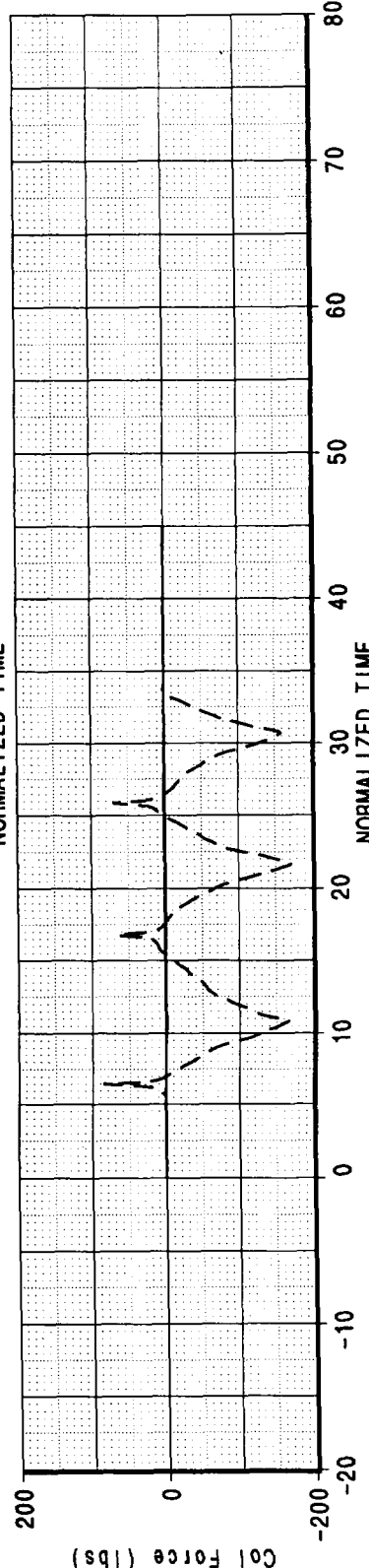
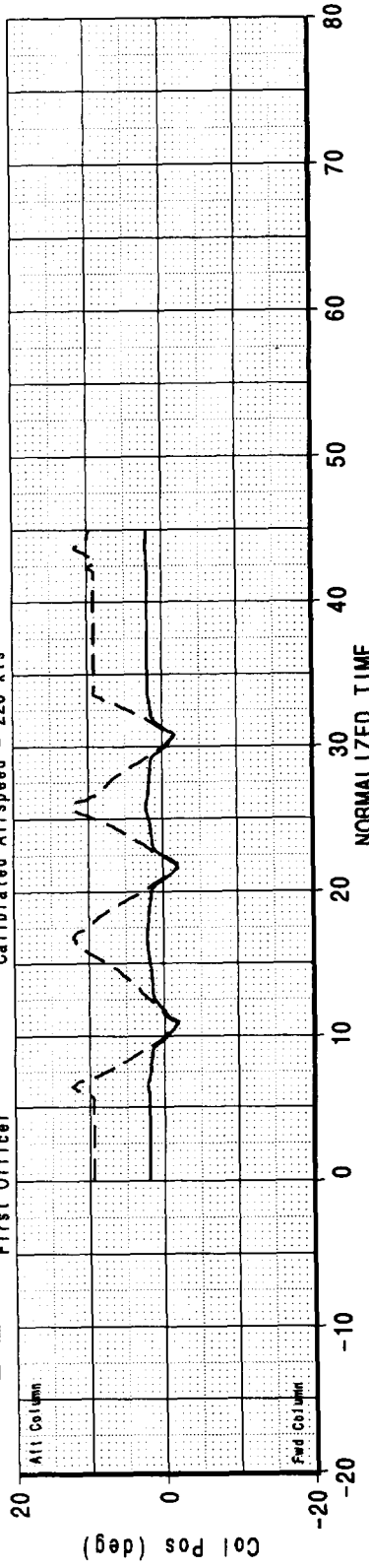
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08/27/01 14:04:25.0000-14:05:10.0000 VR259 000-06 767-300 BUCKLEY, KIMBERL

PRELIMINARY

Differential Elevator Feel Pressure = 620 psi
Calibrated Airspeed = 220 kts

— Captain
- - - First Officer



(A): /project/fitsys/control_sys/sys_int/767/essetain/melttlys/eggspl_sir/vr259_sl_000_06/vr259_000_06_4701.eeb
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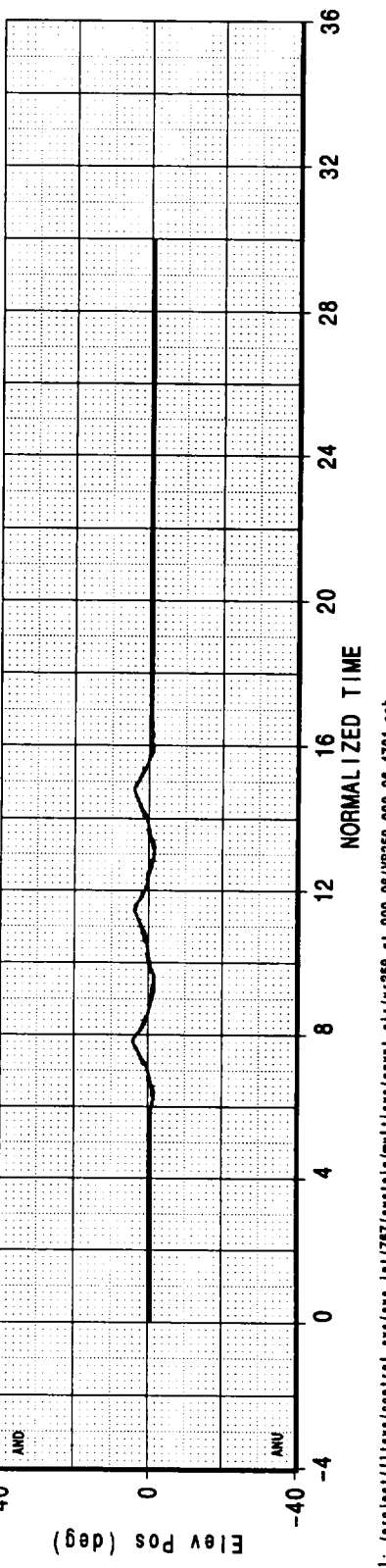
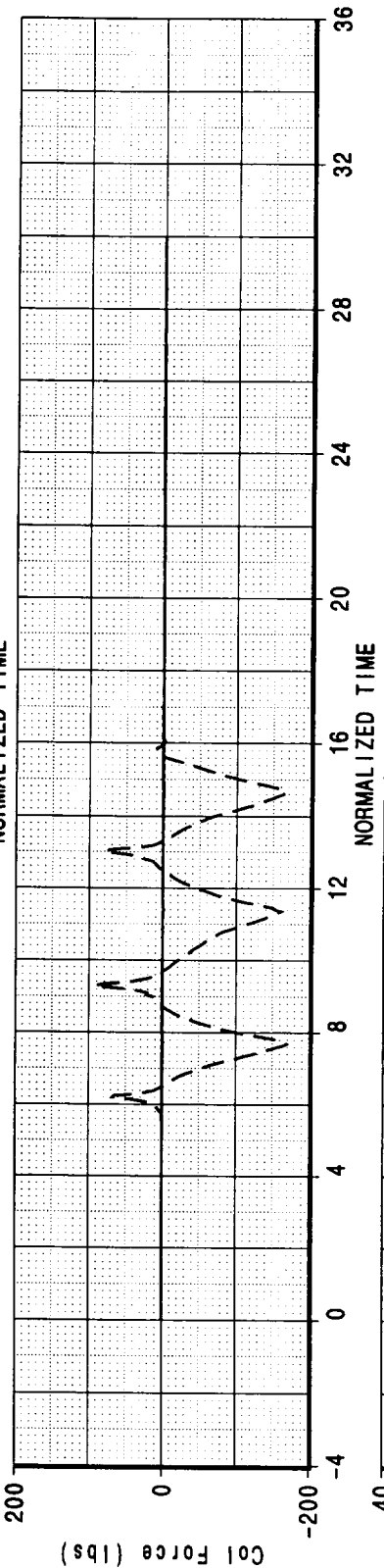
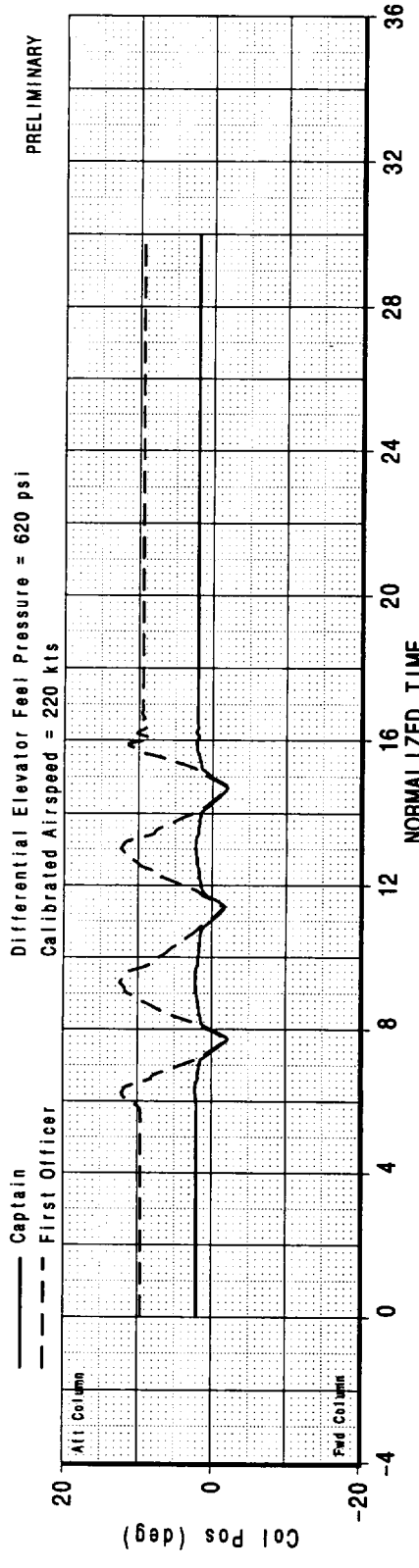
EGYPT AIR INVESTIGATION
AFT CABLE BREAK/AFT CABLE JAM
F/O MED COLUMN SWEEPS - COND .039

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08/27/01 14:05:35.0000-14:06:05.0000 VR259 000-06 767-300 BUCKLEY, KIMBERL

PRELIMINARY
 Differential Elevator Feel Pressure = 620 psi
 Calibrated Airspeed = 220 kts



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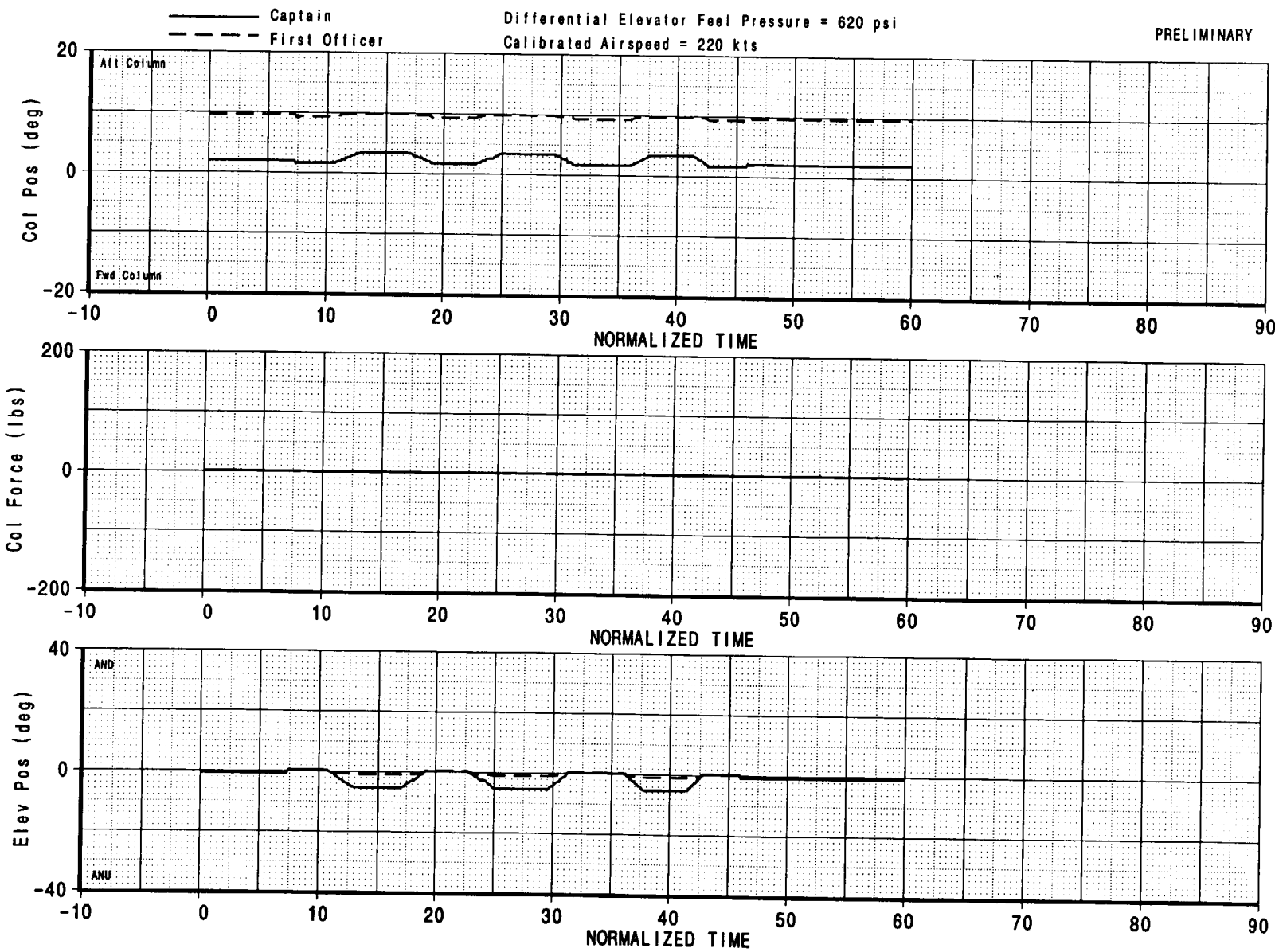
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EGYPT AIR INVESTIGATION
 AFT CABLE BREAK/AFT CABLE JAM
 F/O FAST COLUMN SWEEPS - COND .040



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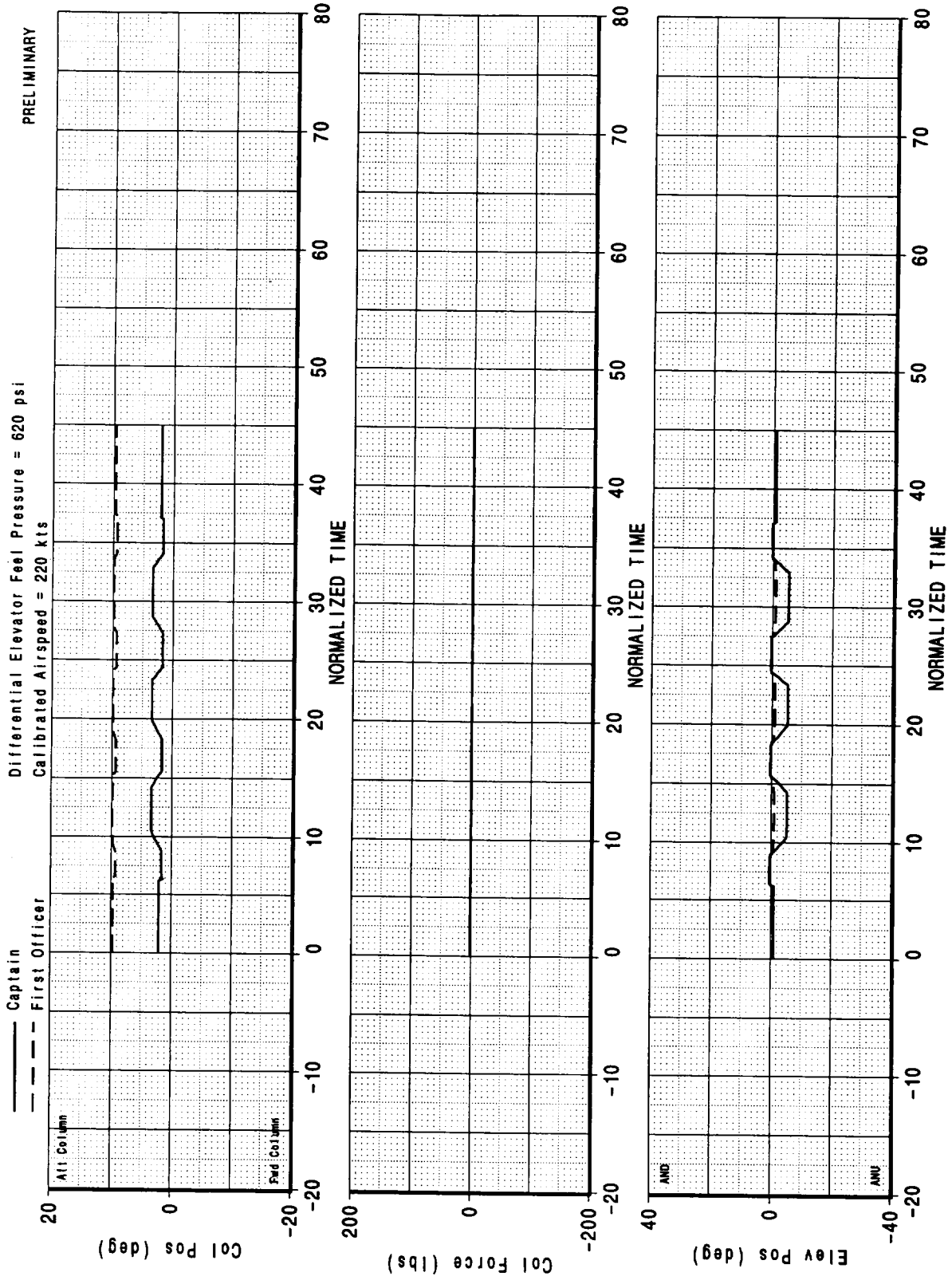
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EGYPT AIR INVESTIGATION AFT CABLE BREAK/AFT CABLE JAM L AUTOPILOT SWEEPS - COND .041				
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08/27/01 14:38:55.0000-14:39:40.0000 VR259 000-06 767-300 BUCKLEY, KIMBERL



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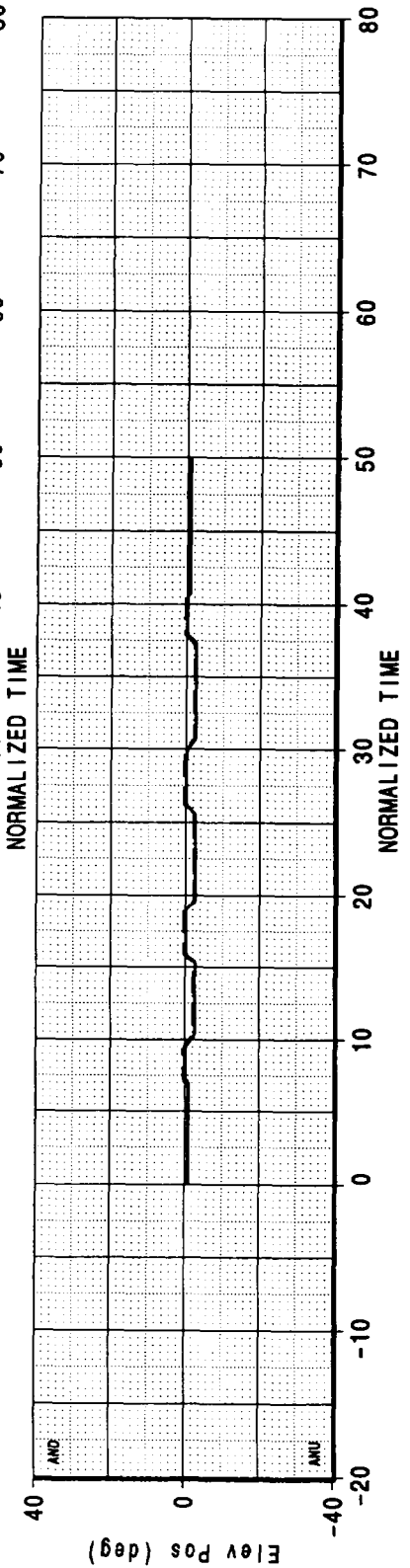
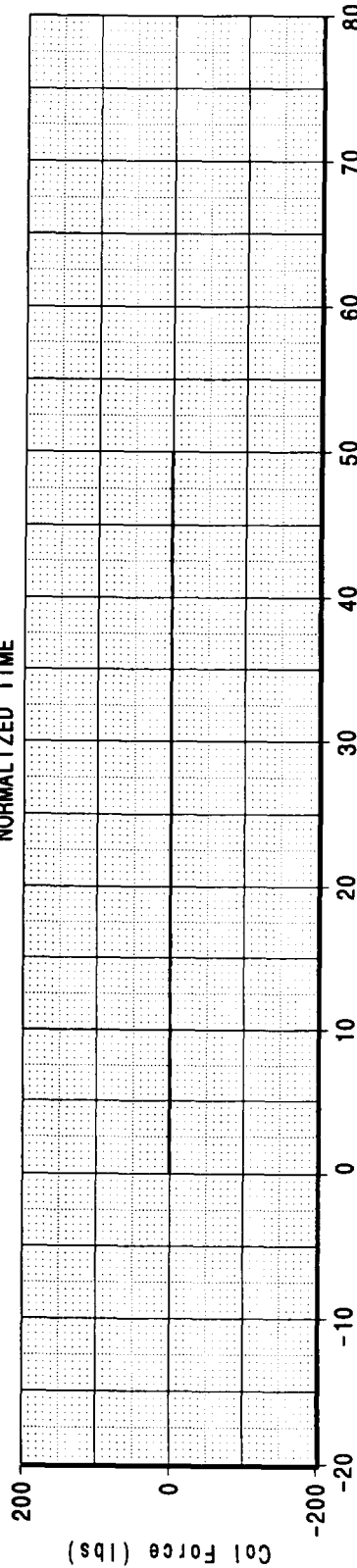
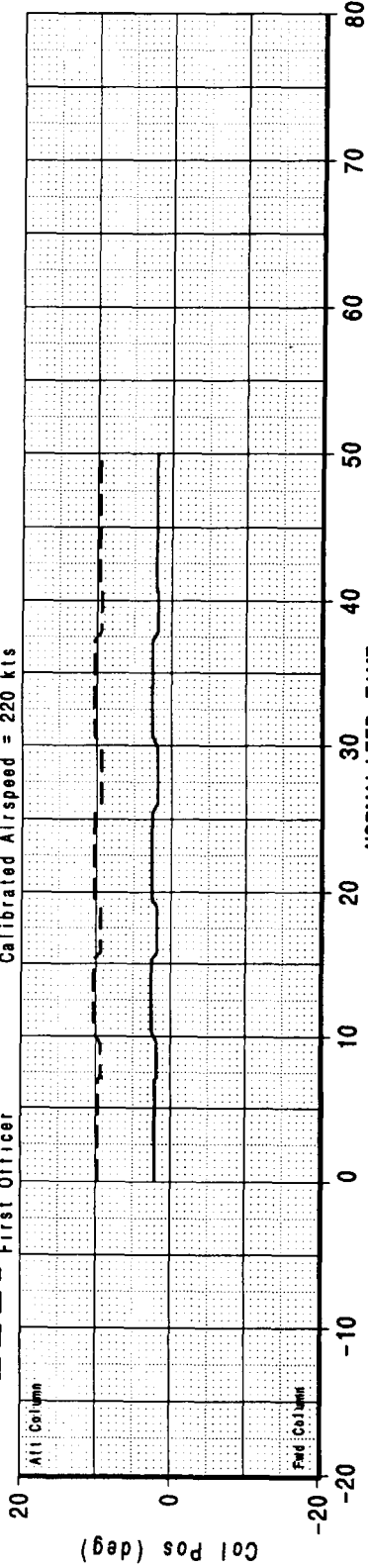
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08/27/01 14:40:45.0000-14:41:35.0000 VR259 000-06 767-300 BUCKLEY, KIMBERL

PRELIMINARY

Differential Elevator Feel Pressure = 620 psi
 Calibrated Airspeed = 220 kts

— Captain
 - - - First Officer



[A]: /project/11days/control_eyes/sys_int/787/sectain/multilays/egypt_eirr/vr259_gt_000_06/vr259_000_06_4701.eob
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EGYPT AIR INVESTIGATION
 AFT CABLE BREAK/AFT CABLE JAM
 R AUTOPILOT SWEEPS - COND .043



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 27-AUG-01

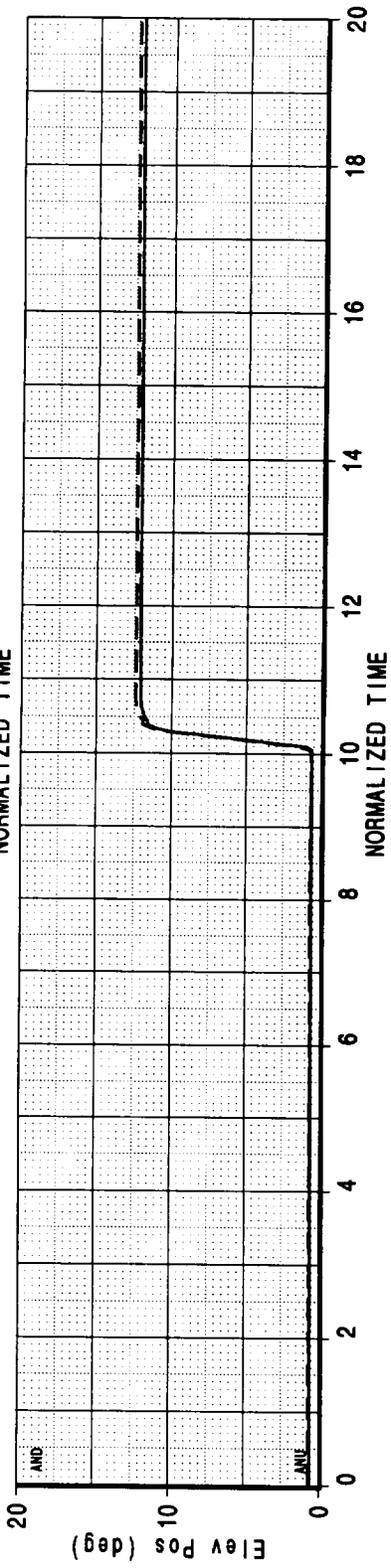
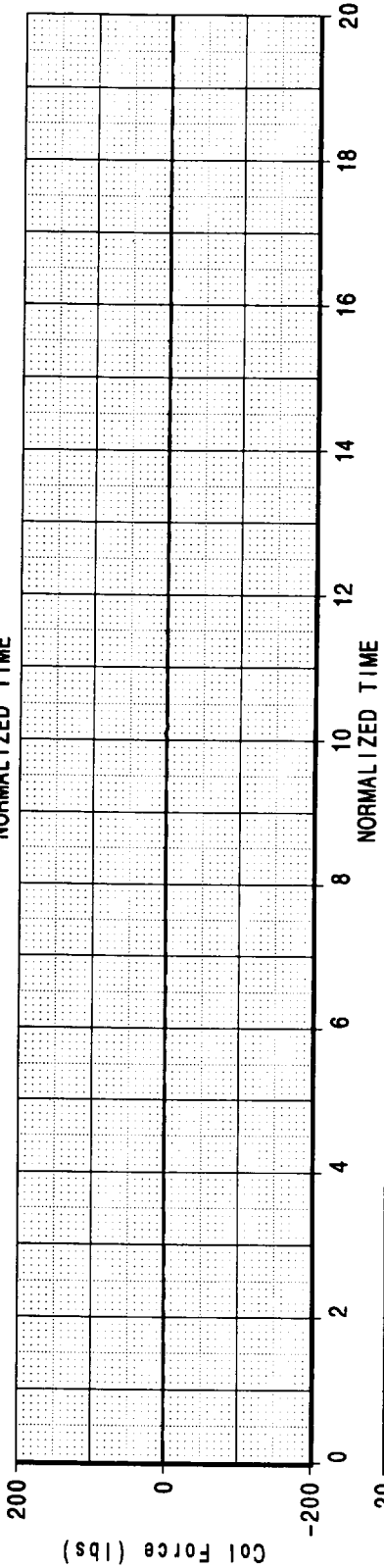
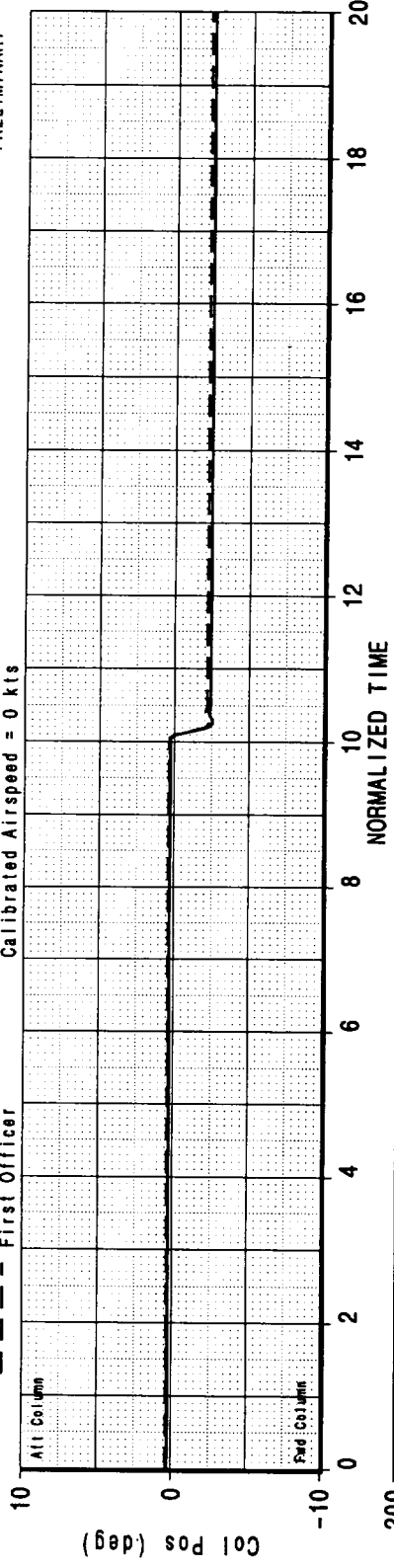
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08/27/01 15:03:05.0000-15:03:25.0000 VR259 000-06 767-300 BUCKLEY, KIMBERL

PRELIMINARY

Differential Elevator Feel Pressure = 162 psi
 Calibrated Airspeed = 0 kts

— Captain
 - - - First Officer



[A]: /project/itsys/control_sys/sys_int/767/wstate/multi/egypt/egypt_elev/vr259_gt_000_06/vr259_000_06_4700_00b
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EGYPT AIR INVESTIGATION
 AFT CABLE BREAK/FWD CABLE JAM
 TRANSIENT RESPONSE - COND .050



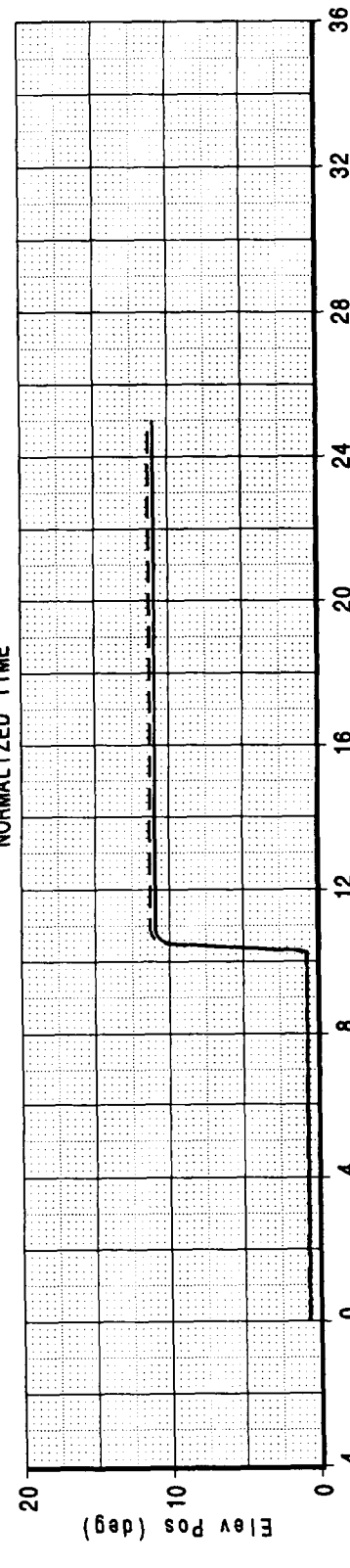
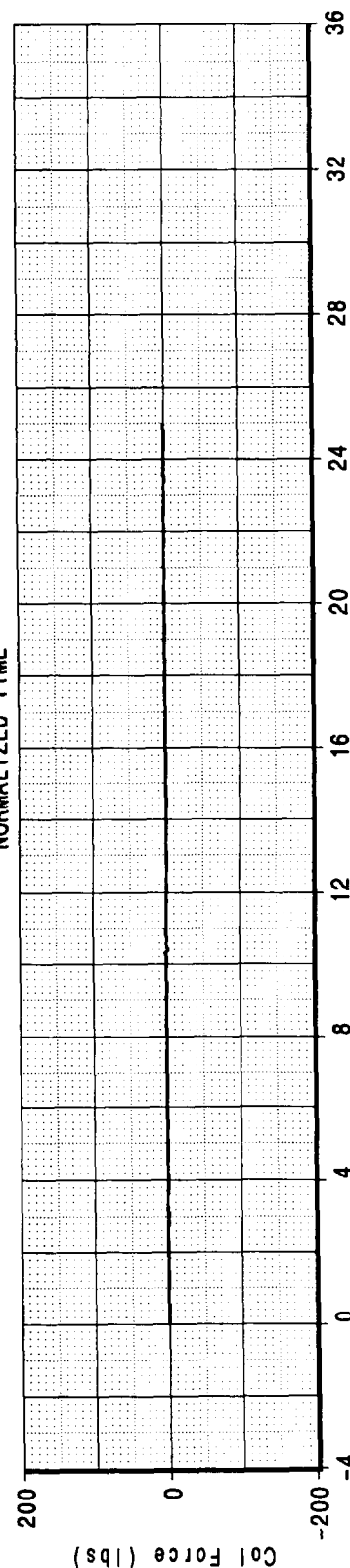
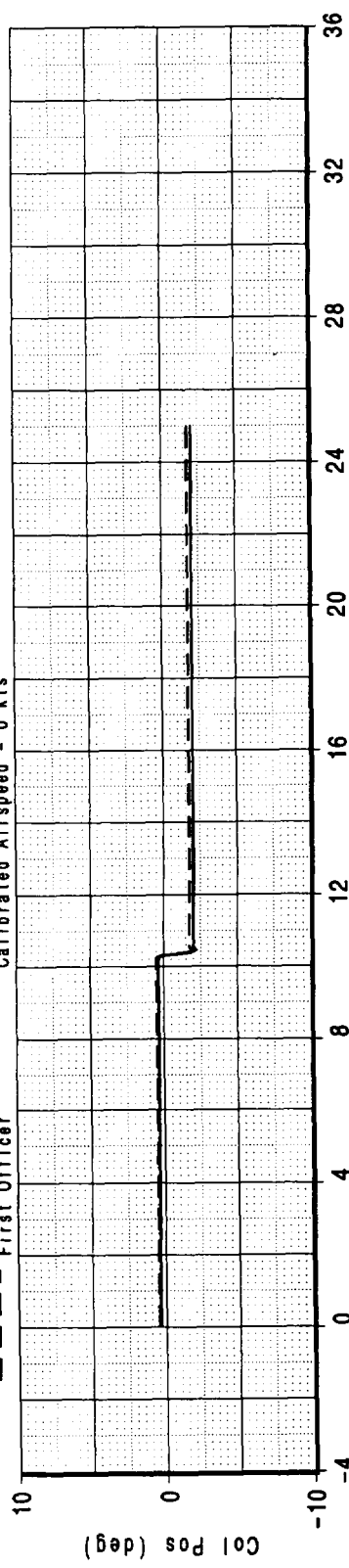
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08/27/01 16:56:10.0000-16:56:35.0000 VR259 000-06 767-300 BUCKLEY, KIMBERL

PRELIMINARY

Differential Elevator Feel Pressure = 162 psi
 Calibrated Airspeed = 0 kts

— Captain
 - - - First Officer



[A]: /project/lttays/control_sys/sys_int/767/ssstain/mltays/agpy1_atr/vr259_01_000_06/vr259_000_06_4700.eab
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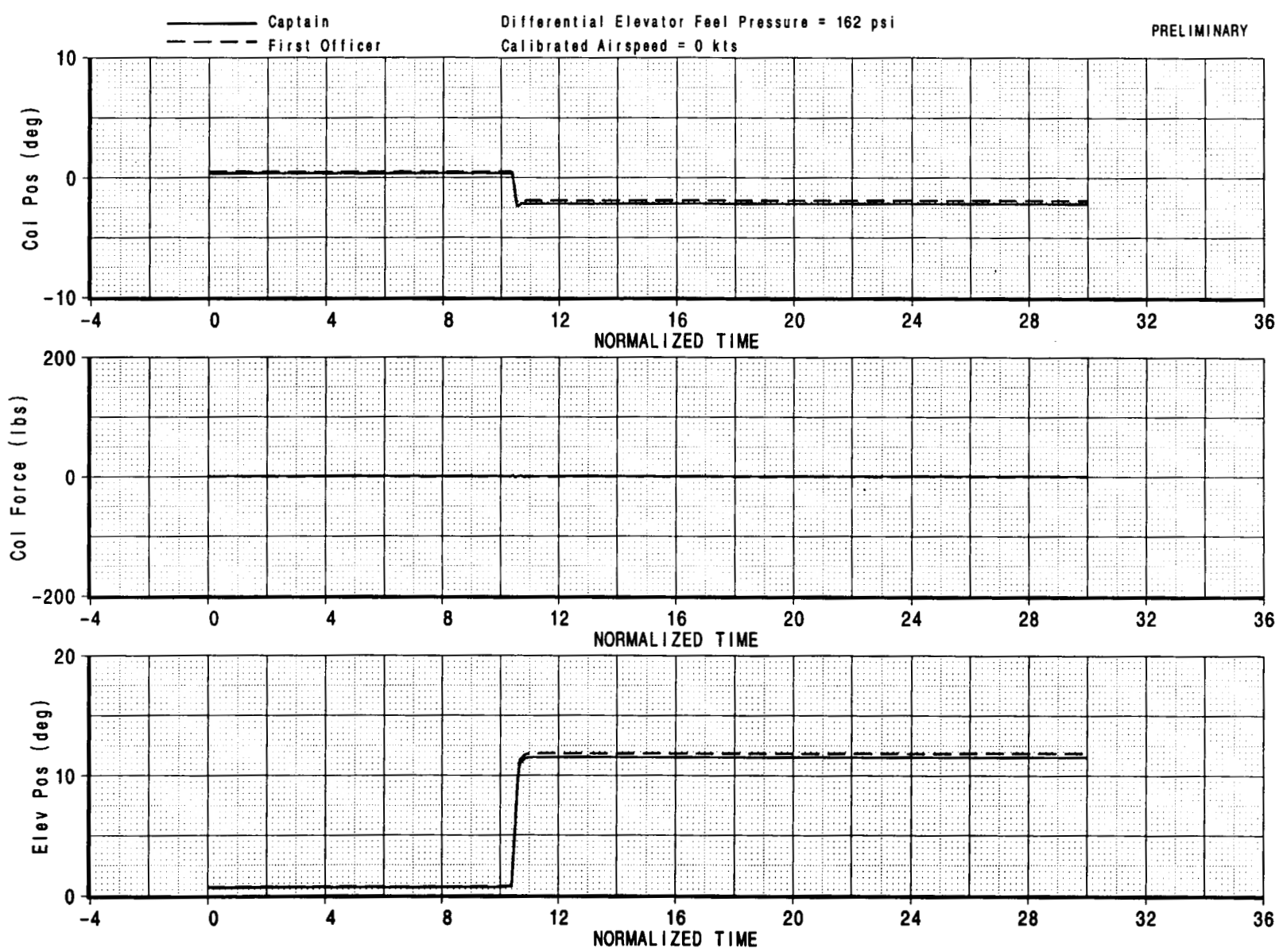
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EGYPT AIR INVESTIGATION
 AFT CABLE BREAK/FWD CABLE JAM
 TRANSIENT RESPONSE - COND .051

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08/27/01 17:03:45.0000-17:04:15.0000 VR259 000-06 767-300 BUCKLEY, KIMBERL



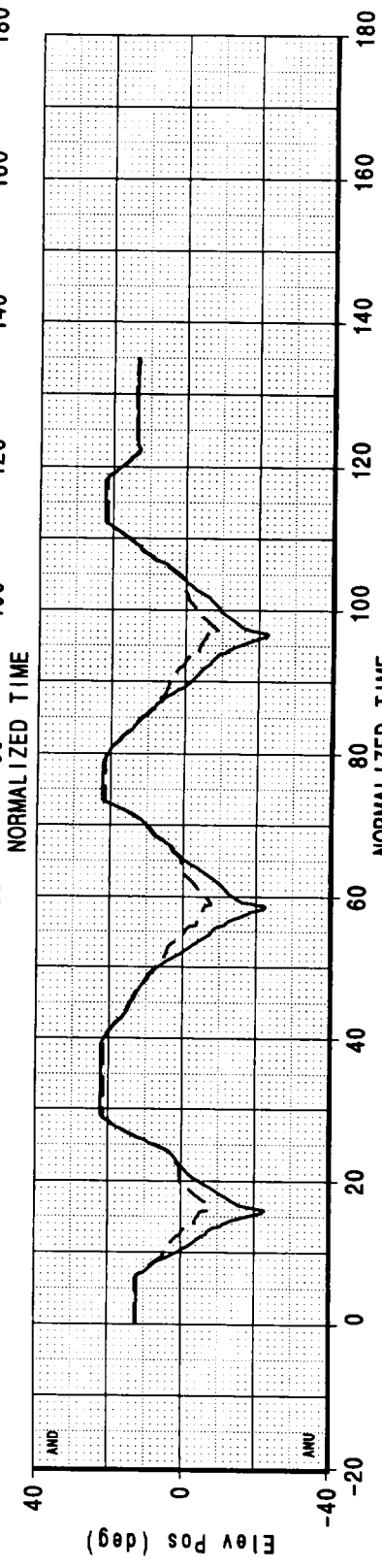
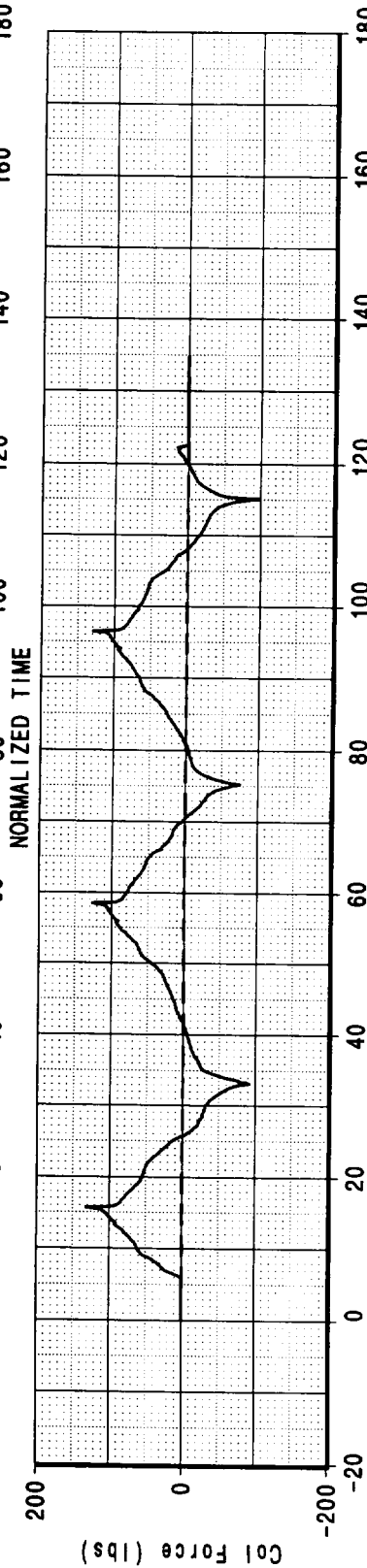
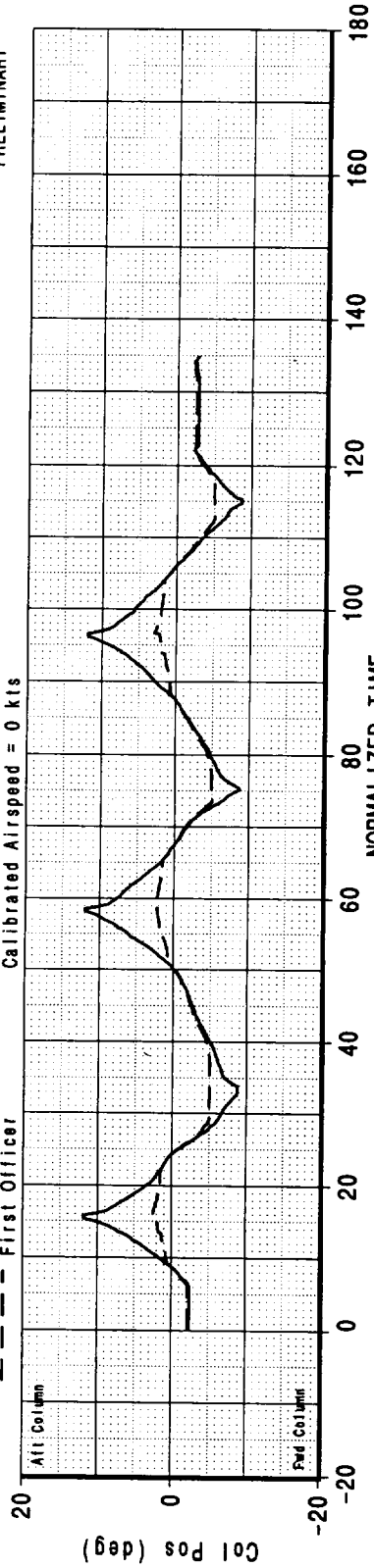
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EGYPT AIR INVESTIGATION AFT CABLE BREAK/FWD CABLE JAM TRANSIENT RESPONSE - COND .052				
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				Test Date: 27-AUG-01
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08/27/01 15:04:35.0000-15:06:50.0000 VR259 000-06 767-300 BUCKLEY, KIMBERL

PRELIMINARY

Differential Elevator Feel Pressure = 162 psi
 Calibrated Airspeed = 0 kts

— Captain
 - - - First Officer



[A]: /project/111sys/control_sys/aps_int/787/restore/multiaps/egypt_alm/vr259_gt_000_06/vr259_000_06_4700_000
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CALC	SEAN RUSSELL	28Aug01	REVISED	DATE
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EGYPT AIR INVESTIGATION
 AFT CABLE BREAK/FWD CABLE JAM
 CAPT SLOW COLUMN SWEEPS - COND .053

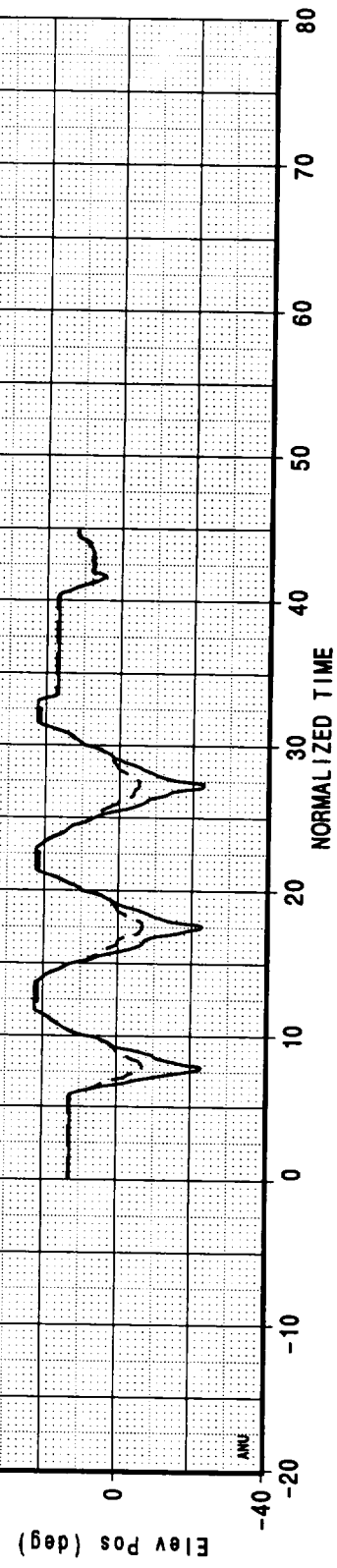
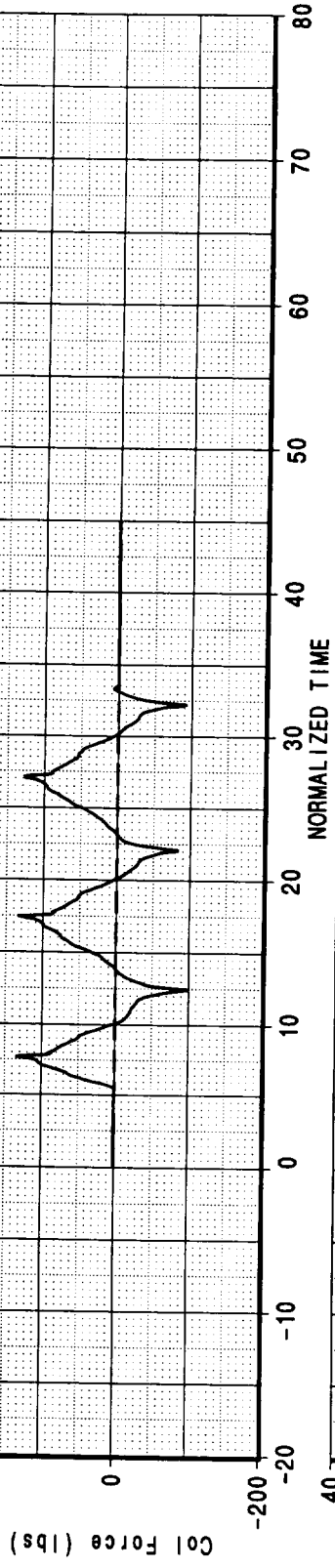
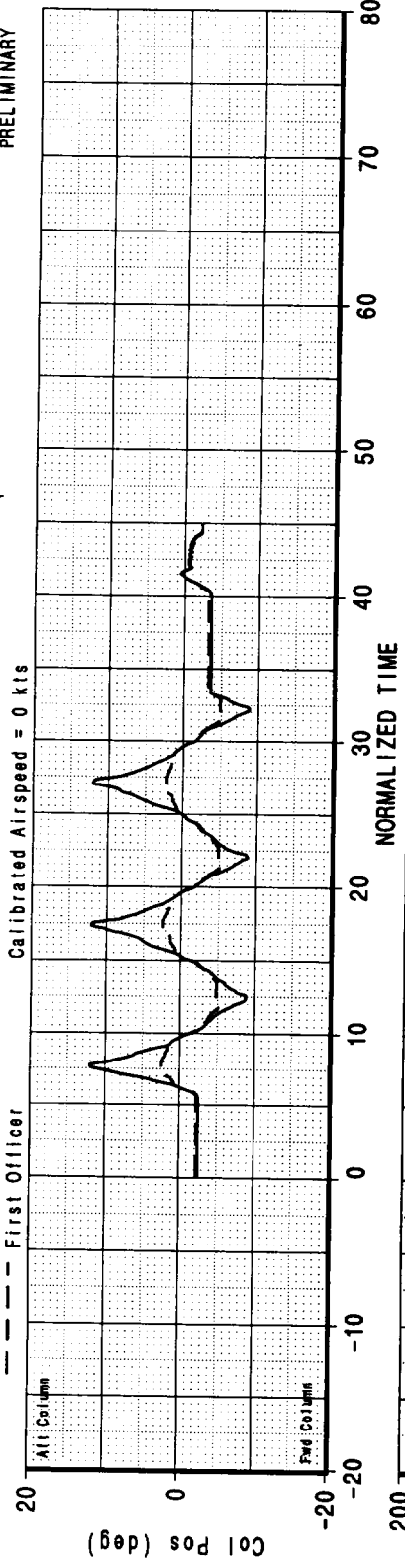
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08/27/01 15:08:40.0000-15:09:25.0000 VR259 000-06 767-300 BUCKLEY, KIMBERL

PRELIMINARY
 Captain
 First Officer
 Differential Elevator Feel Pressure = 162 psi
 Calibrated Airspeed = 0 kts



{A}: /project/it/isy/control_ays/by_a_int/767/axstn/m/tl/ays/egyp_a/r/vr259_g1_000_06/vr259_000_06_4700.asf
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EGYPT AIR INVESTIGATION
 AFT CABLE BREAK/FWD CABLE JAM
 CAPT MED COLUMN SWEEPS - COND .054

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 Test Date:
 27-AUG-01

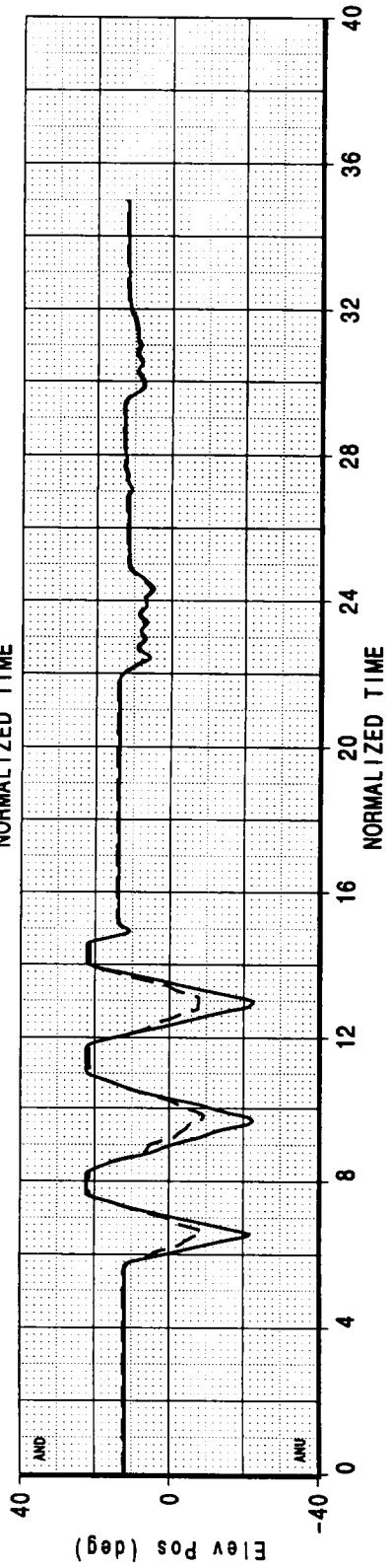
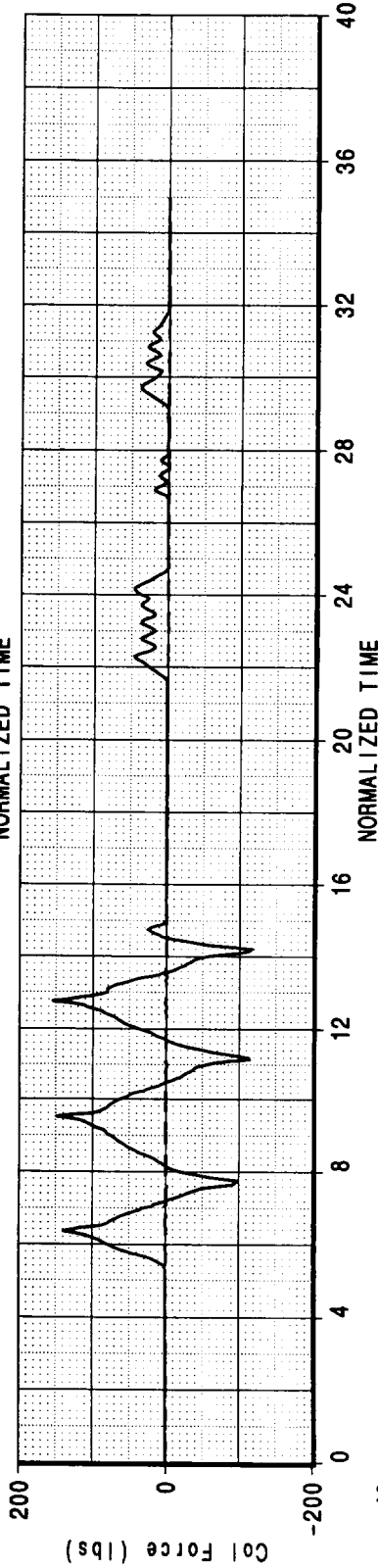
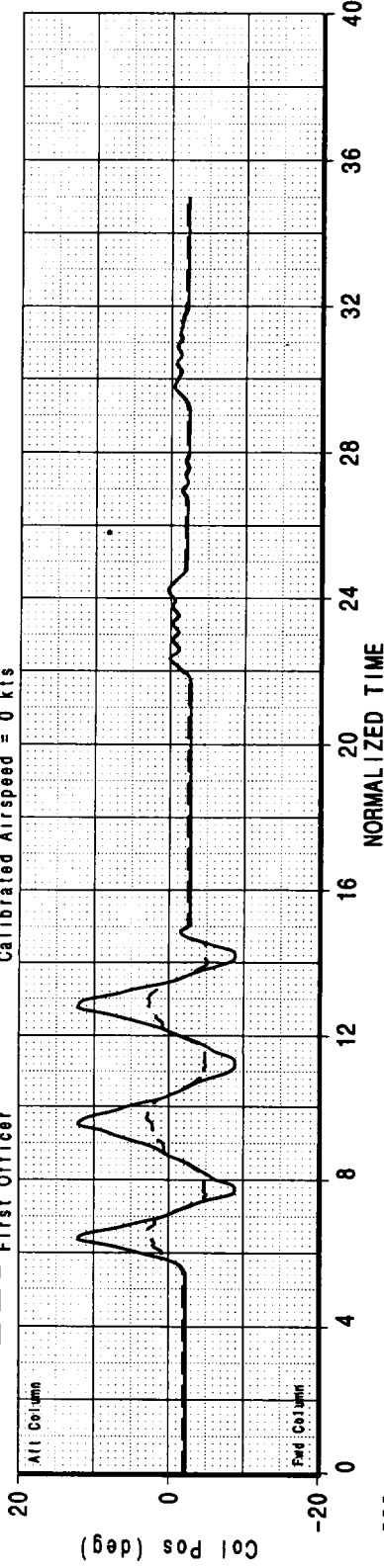


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08/27/01 15:09:45.0000-15:10:20.0000 VR259 000-06 767-300 BUCKLEY, KIMBERL

PRELIMINARY
 Differential Elevator Feel Pressure = 162 psi
 Calibrated Airspeed = 0 kts

— Captain
 - - - First Officer



[A]: /project/rltays/control_sys/sys_int/767/essain/multisys/egypt_aitr/vr259_gl_000_06/vr259_000_06_4700_00b
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CALC	SEAN RUSSELL	28Aug01	REVISED	DATE
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EGYPT AIR INVESTIGATION
 AFT CABLE BREAK/FWD CABLE JAM
 CAPT FAST COLUMN SWEEPS - COND .055



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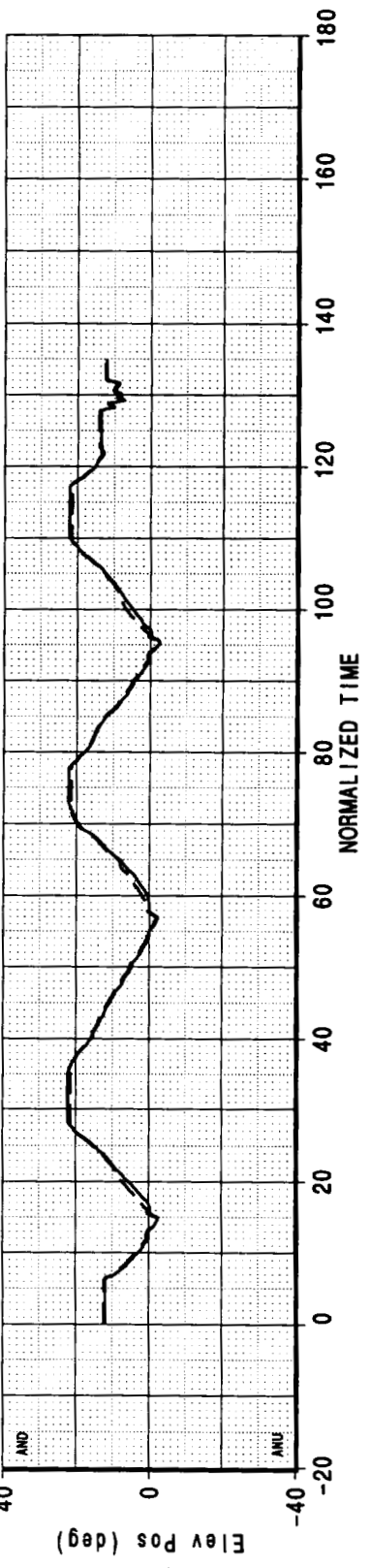
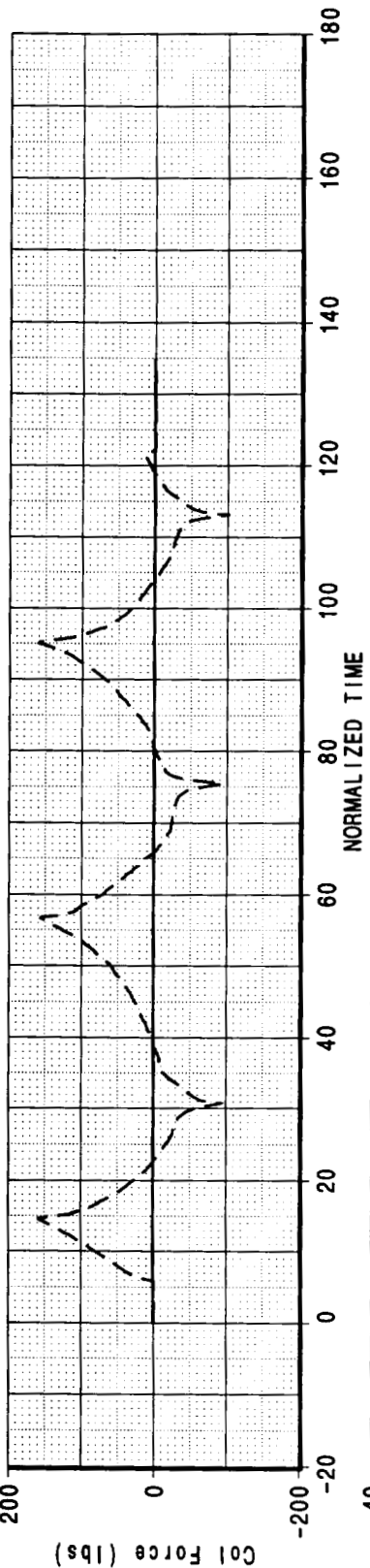
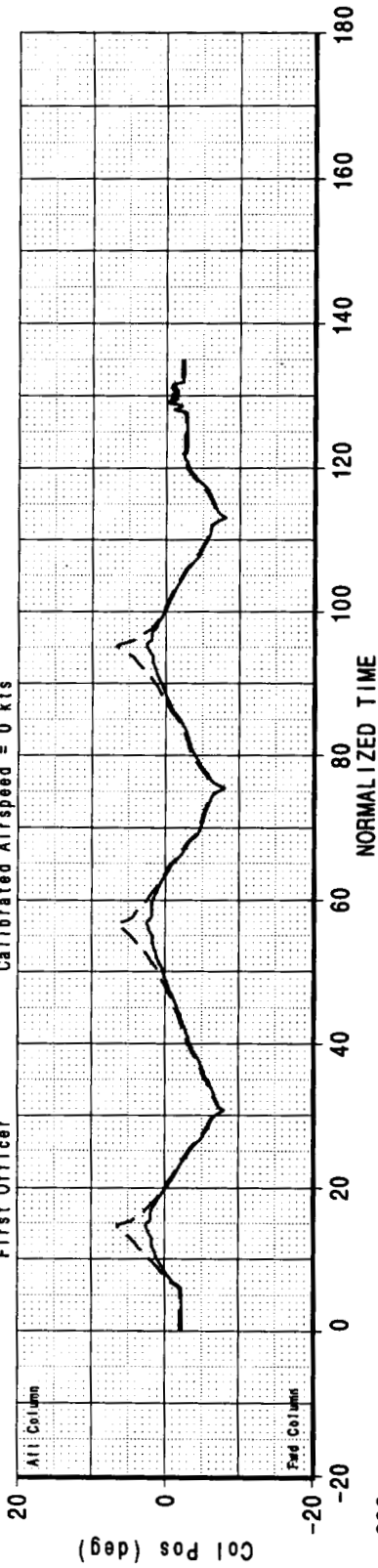
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08/27/01 15:12:05.000-15:14:20.000 VR259 000-06 767-300 BUCKLEY, KIMBERL

PRELIMINARY

Differential Elevator Feel Pressure = 162 psi
 Calibrated Airspeed = 0 kts

— Captain
 - - - First Officer



[A]: /project/11059/control_sys/sys_int/767/sectate/multisys/egppt_air/vr259_g1_000_06/vr259_000_06_4700.eab
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CALC	SEAN RUSSELL	28Aug01	REVISED	DATE
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EGYPT AIR INVESTIGATION
 AFT CABLE BREAK/FWD CABLE JAM
 F/O SLOW COLUMN SWEEPS - COND .056

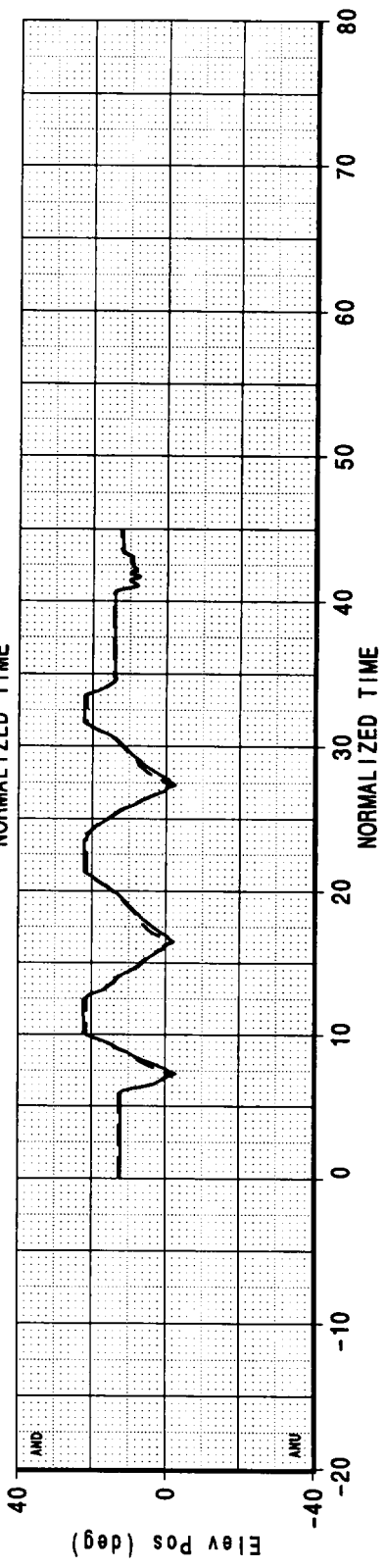
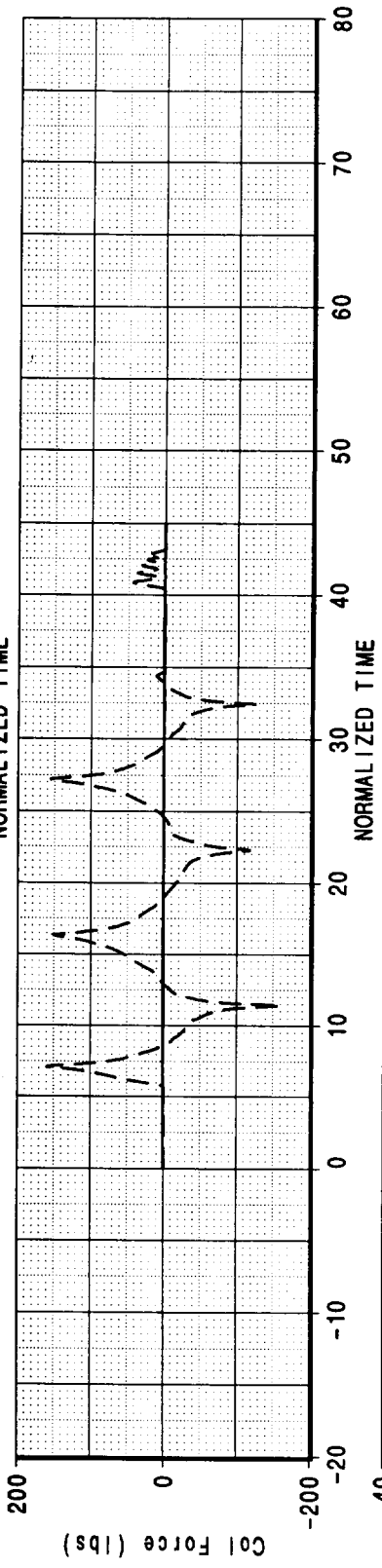
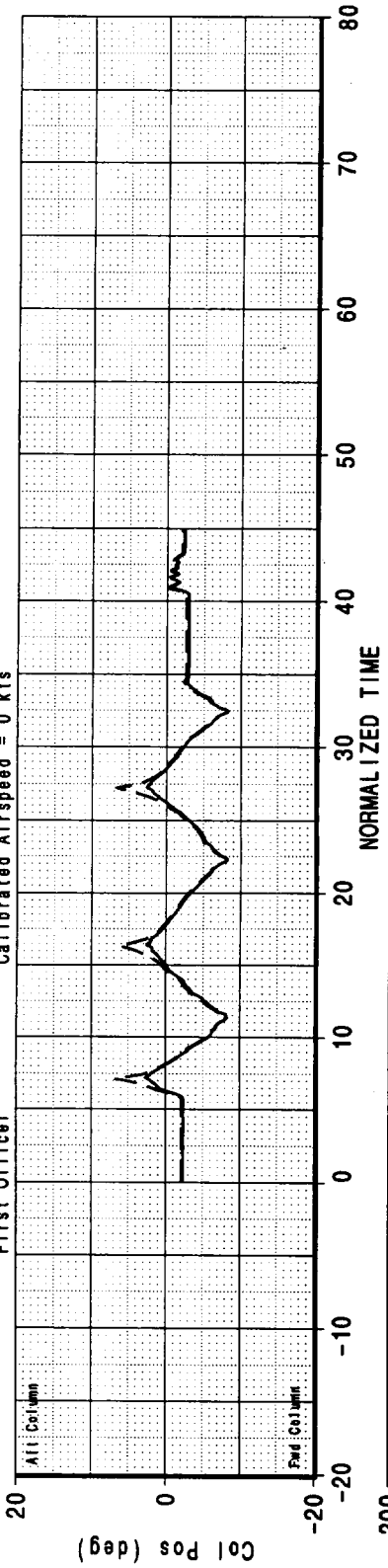


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08/27/01 15:14:40.000-15:15:25.000 VR259 000-06 767-300 BUCKLEY, KIMBERL

PRELIMINARY
 Differential Elevator Feel Pressure = 162 psi
 Calibrated Airspeed = 0 kts

— Captain
 - - - First Officer



[A]: /project/itsys/control_sys/egp_int/787/sustain/multi/egyp/egyp1_air/vr259_g1_000_06/VR259_000_06_4700.asb
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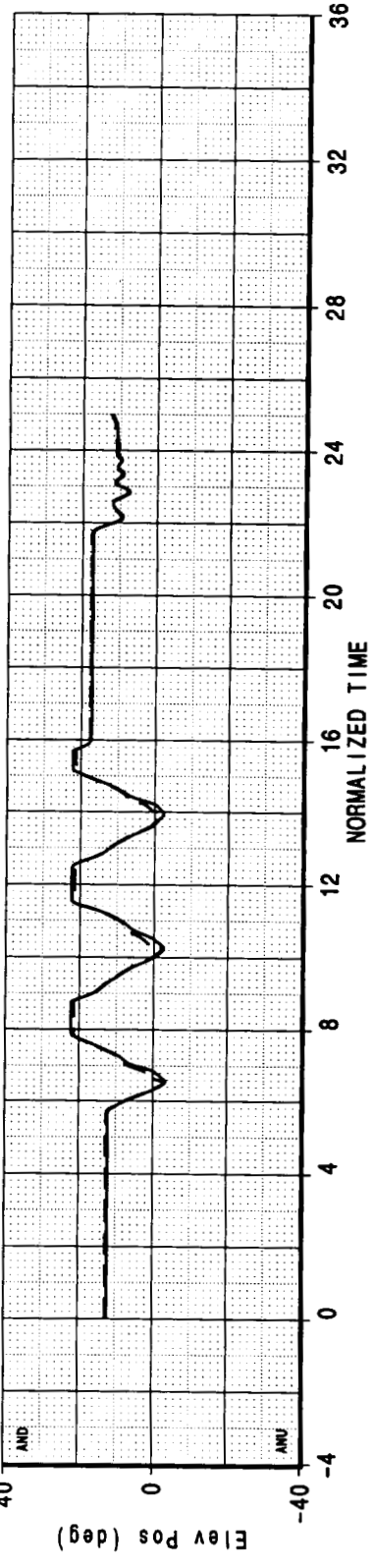
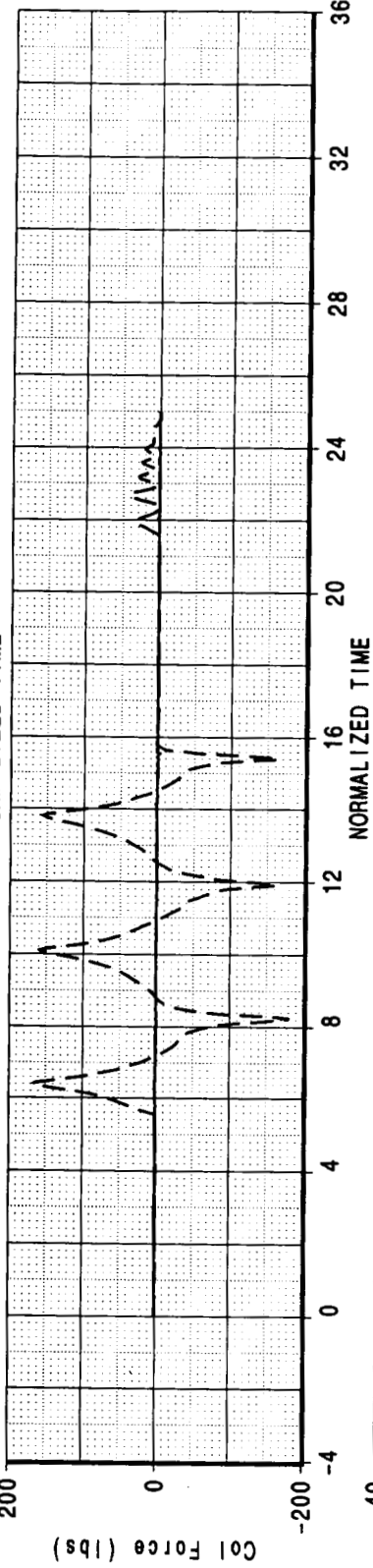
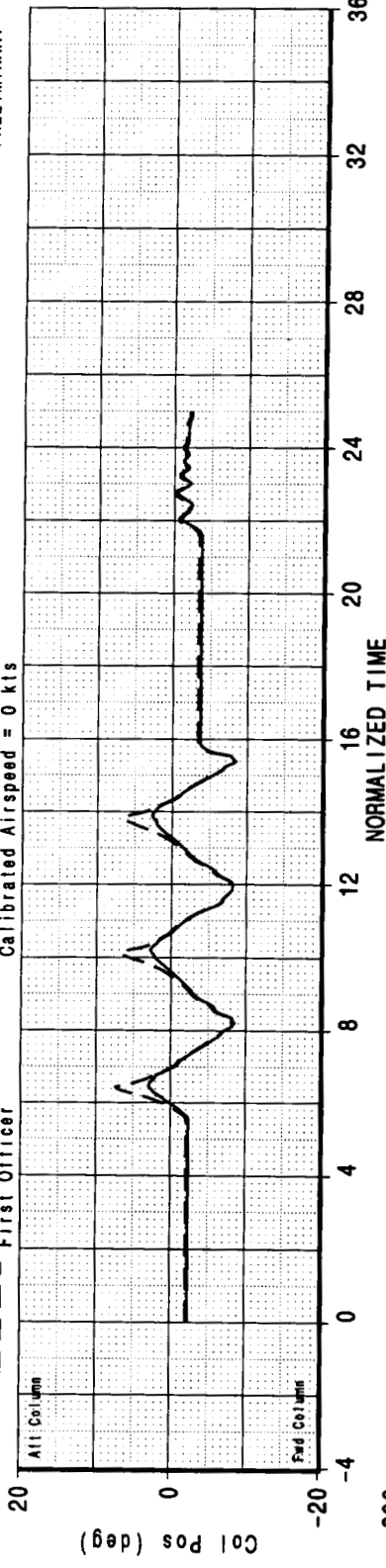
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08/27/01 15:15:40.0000-15:16:05.0000 VR259 000-06 767-300 BUCKLEY, KIMBERL

PRELIMINARY

Differential Elevator Feel Pressure = 162 psi
 Calibrated Airspeed = 0 kts

— Captain
 - - - First Officer



[A]: /project/llsys/control_sys/sys_int/767/sustain/multisys/egyp1_a1r/vr259_gt_000_06/VR259_000_06_4700.asb
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EGYPT AIR INVESTIGATION
 AFT CABLE BREAK/FWD CABLE JAM
 F/O FAST COLUMN SWEEPS - COND .058

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 VR259
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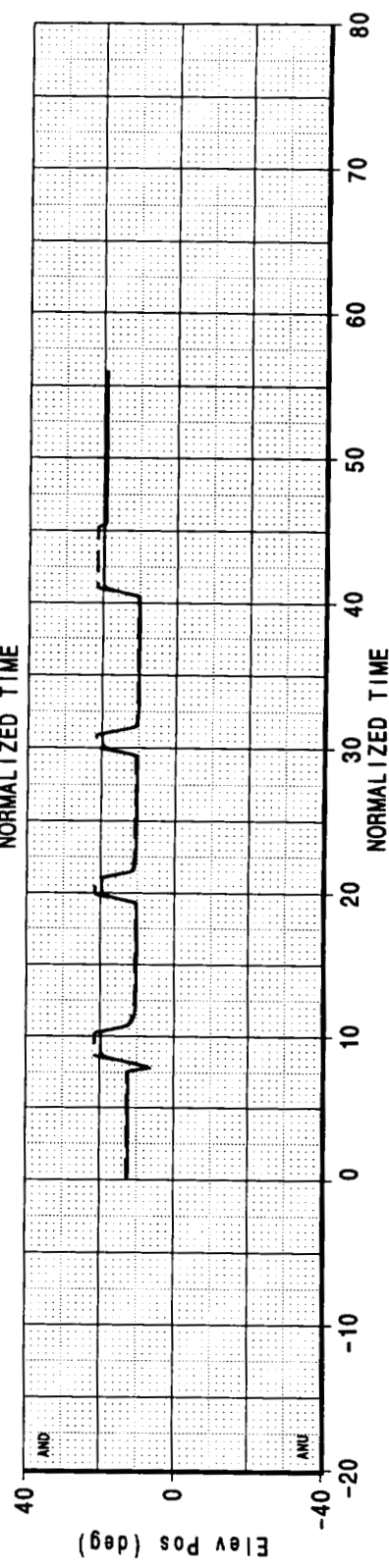
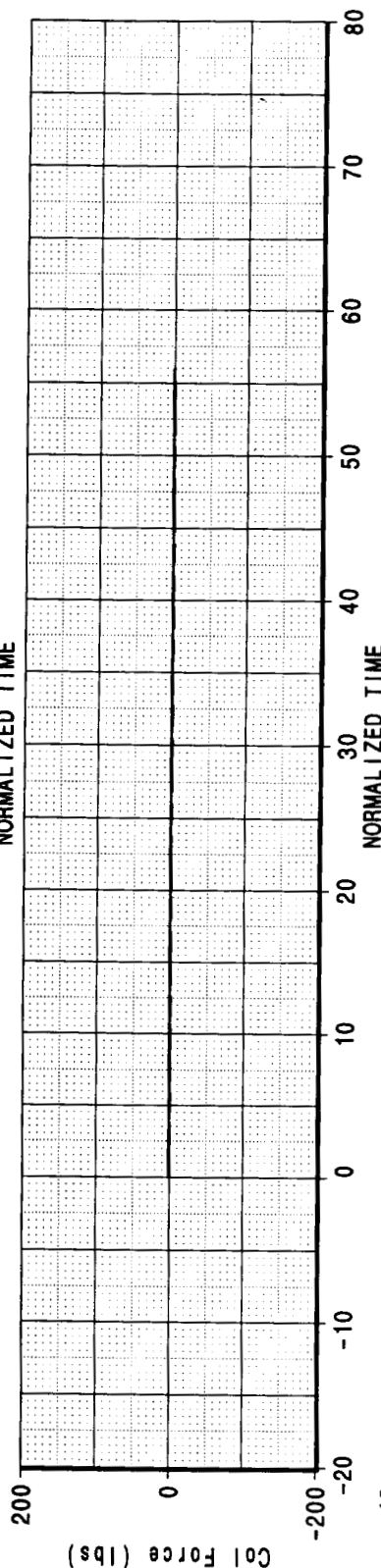
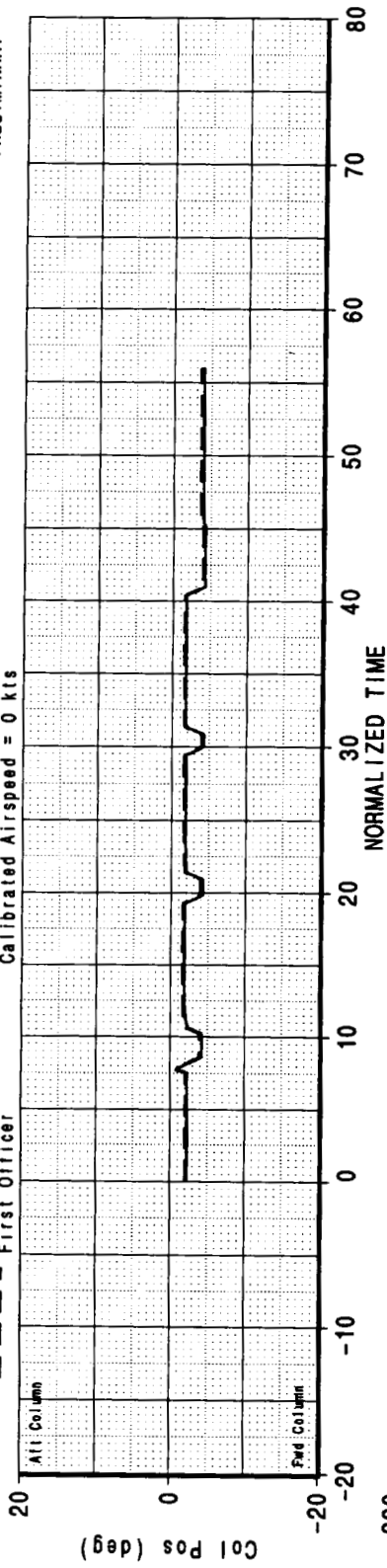
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08/27/01 15:20:30.0000-15:21:26.0000 VR259 000-06 767-300 BUCKLEY, KIMBERL

PRELIMINARY

Differential Elevator Feel Pressure = 162 psi
 Calibrated Airspeed = 0 kts

— Captain
 - - - First Officer



[A]: /project/111000/control_sys/egyp_inl/707/instaln/multisys/egyp_inl/vr259_01_000_06/vr259_000_06_4700.ssb
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EGYPT AIR INVESTIGATION
 AFT CABLE BREAK/FWD CABLE JAM
 R AUTOPILOT SWEEPS - COND .059



767-300F
 VR259

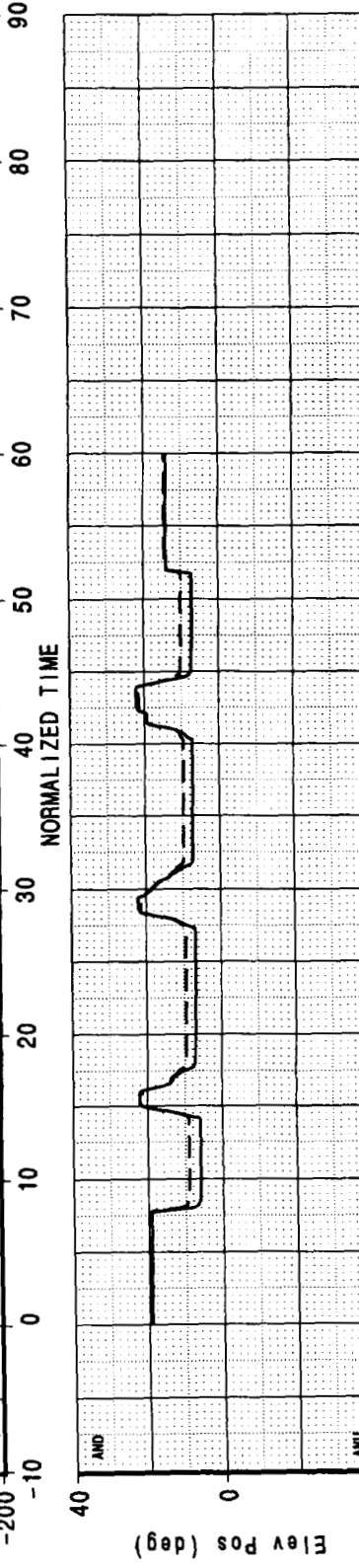
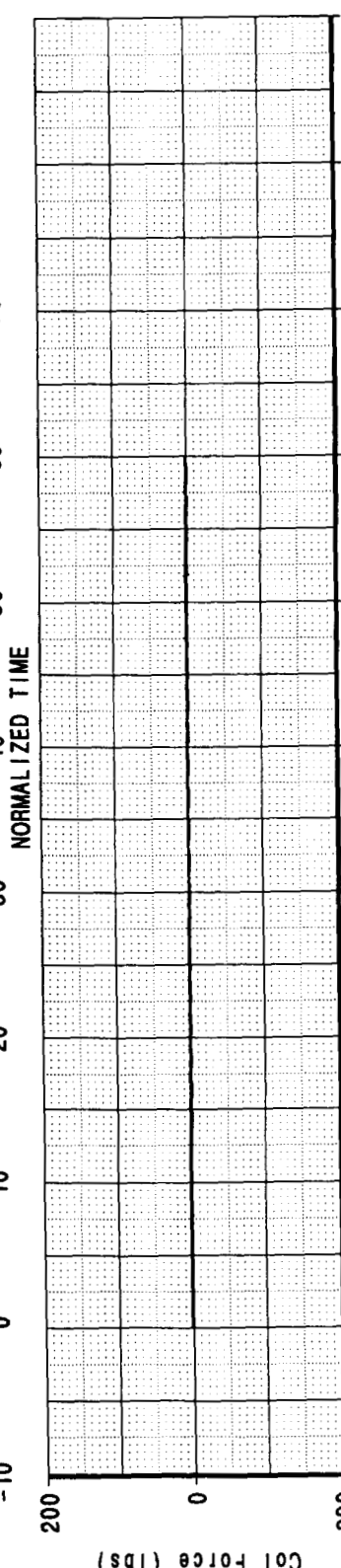
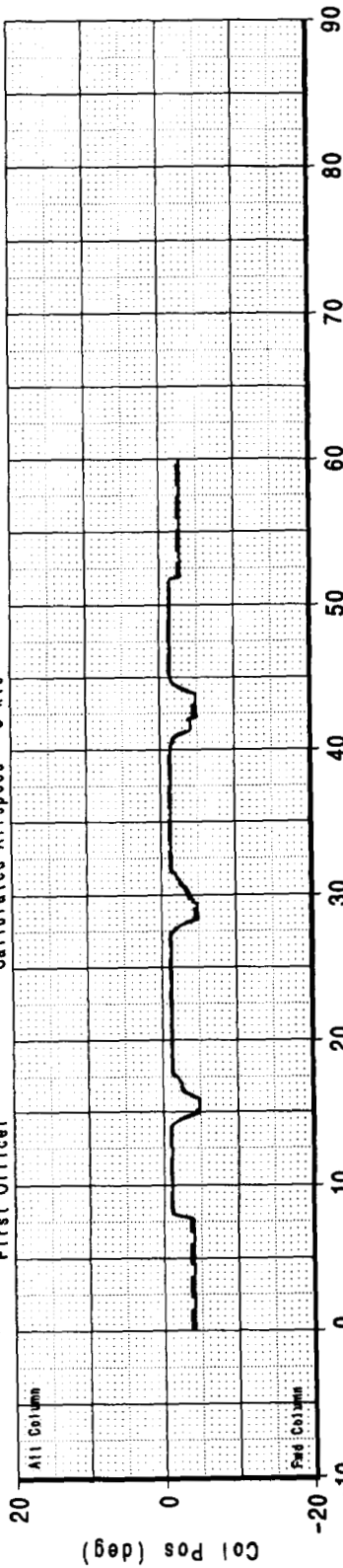
Test Date:
 27-AUG-01

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08/27/01 15:24:25.0000-15:25:25.0000 VR259 000-06 767-300 BUCKLEY, KIMBERL

PRELIMINARY
 Differential Elevator Feel Pressure = 162 psi
 Calibrated Airspeed = 0 kts

— Captain
 - - - First Officer



[A]: /project/illltsys/control_sys/sys_int/767/autotail/multitsys/typ_l_c1/vr259_gl_000_06/vr259_000_06_4700.ebb
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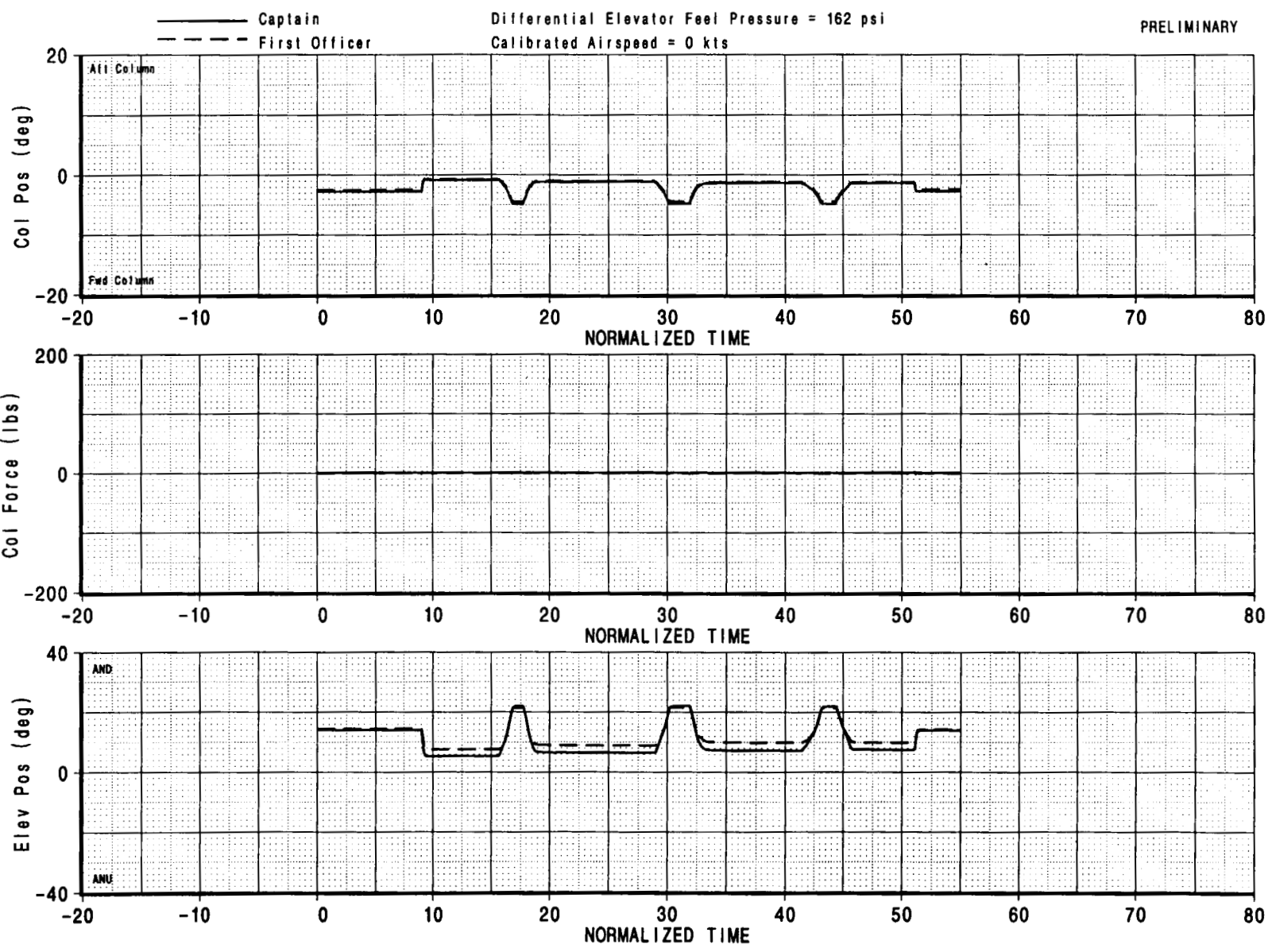
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EGYPT AIR INVESTIGATION
 AFT CABLE BREAK/FWD CABLE JAM
 C AUTOPILOT SWEEPS - COND .060



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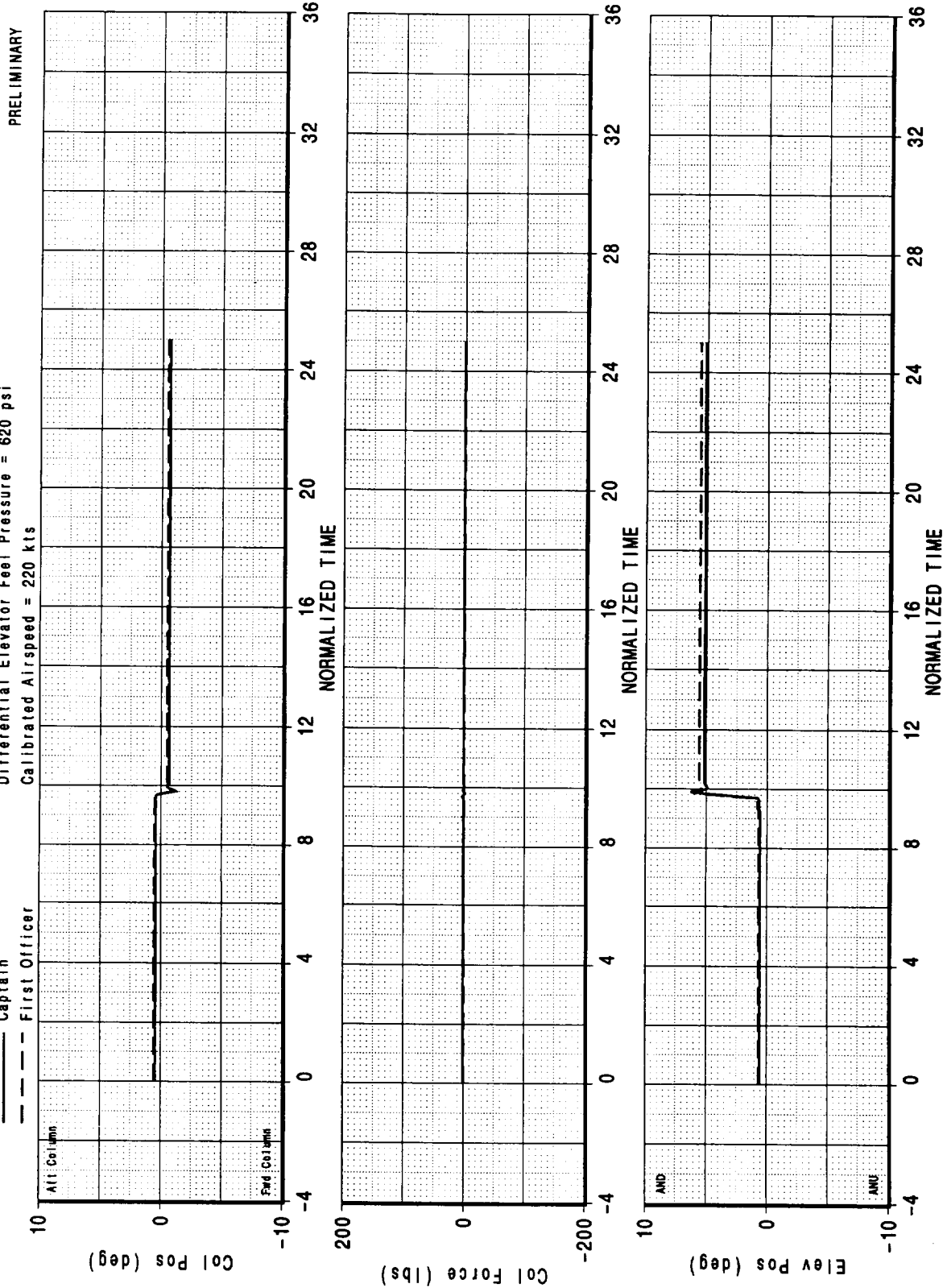
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CALC	SEAN RUSSELL	28Aug01	REVISED	DATE
EGYPT AIR INVESTIGATION AFT CABLE BREAK/FWD CABLE JAM L AUTOPILOT SWEEPS - COND .061				
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				Test Date: 27-AUG-01
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08/27/01 16:07:25.0000-16:07:50.0000 VR259 000-06 767-300 BUCKLEY, KIMBERL



(A): /project/llsys/control_sys/eye_int/787/sustain/multisys/egypt_nir/vr259_gl_000_06/vr259_000_06_4703.asb
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CALC	SEAN RUSSELL	29Aug01	REVISED	DATE
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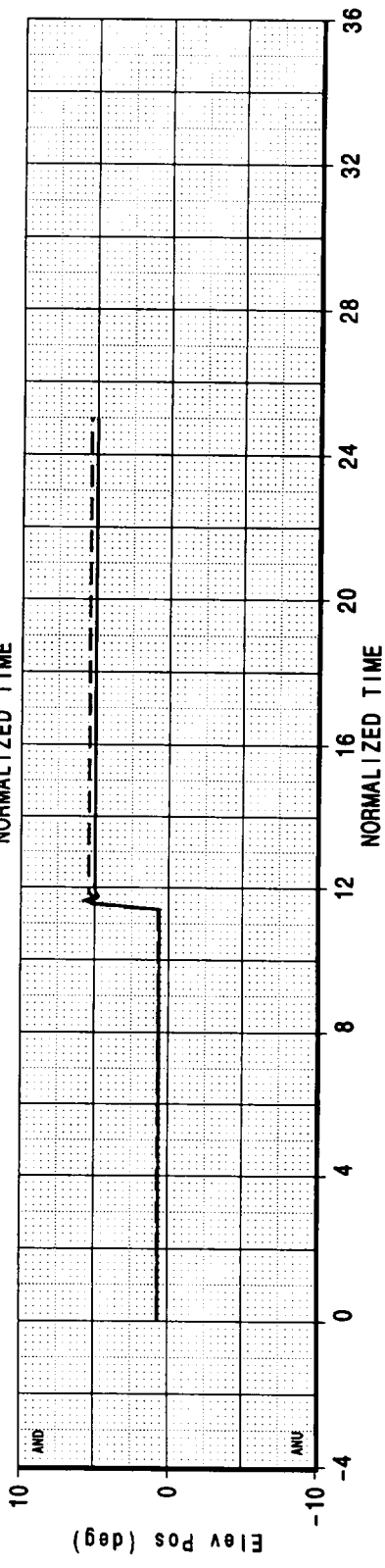
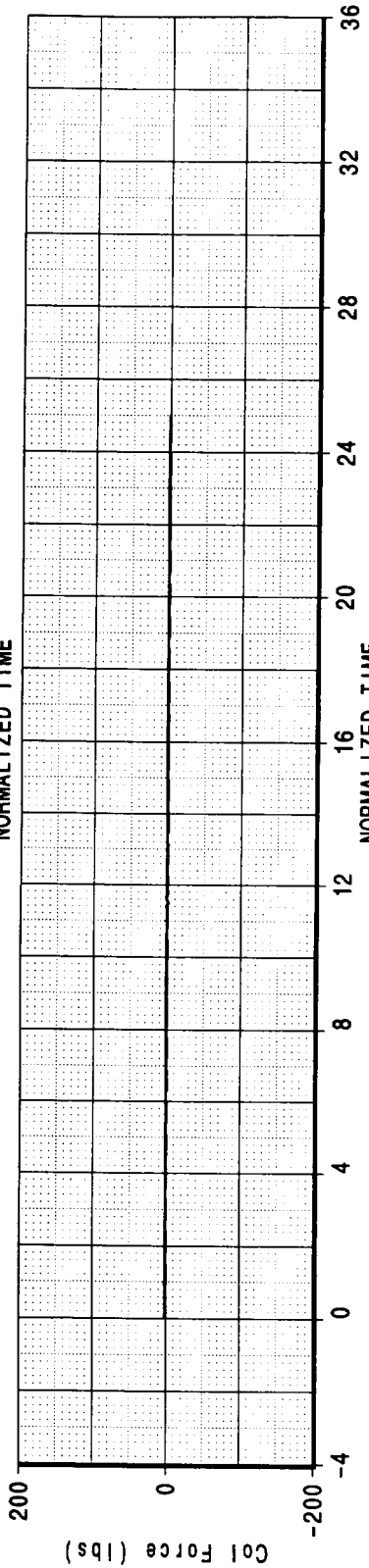
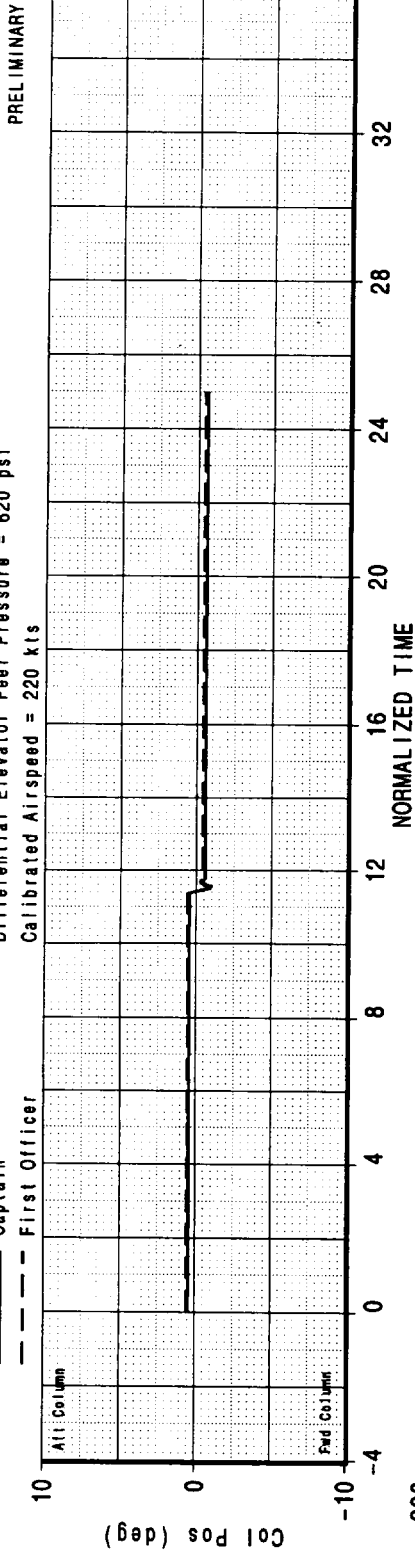
EGYPT AIR INVESTIGATION
AFT CABLE BREAK/FWD CABLE JAM
TRANSIENT RESPONSE - COND .062



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27-AUG-01

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08/27/01 16:43:55.0000-16:44:20.0000 VR259 000-06 767-300 BUCKLEY, KIMBERL



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CALC	SEAN RUSSELL	29Aug01	REVISED	DATE
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EGYPT AIR INVESTIGATION
 AFT CABLE BREAK/FWD CABLE JAM
 TRANSIENT RESPONSE - COND .063

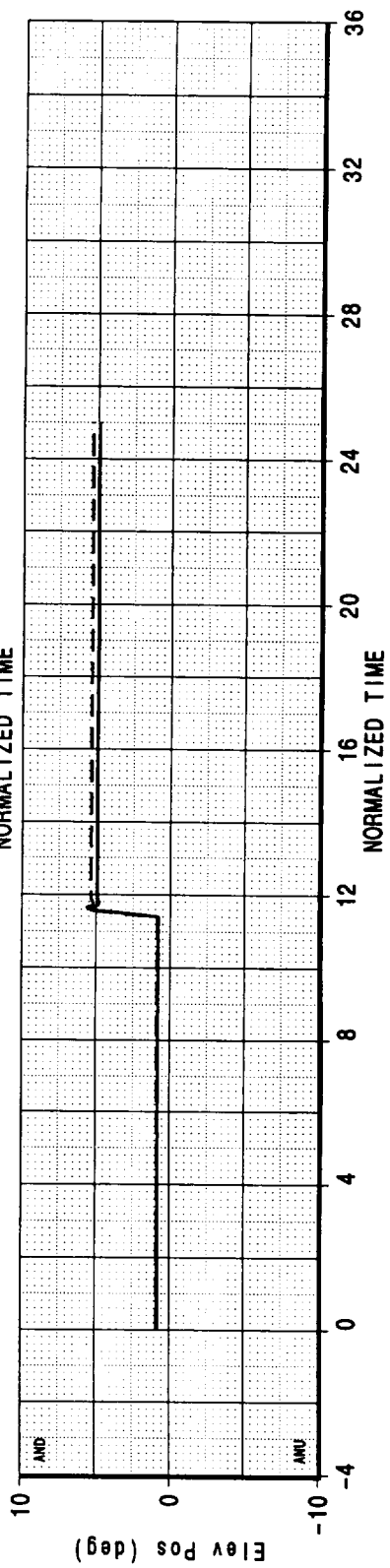
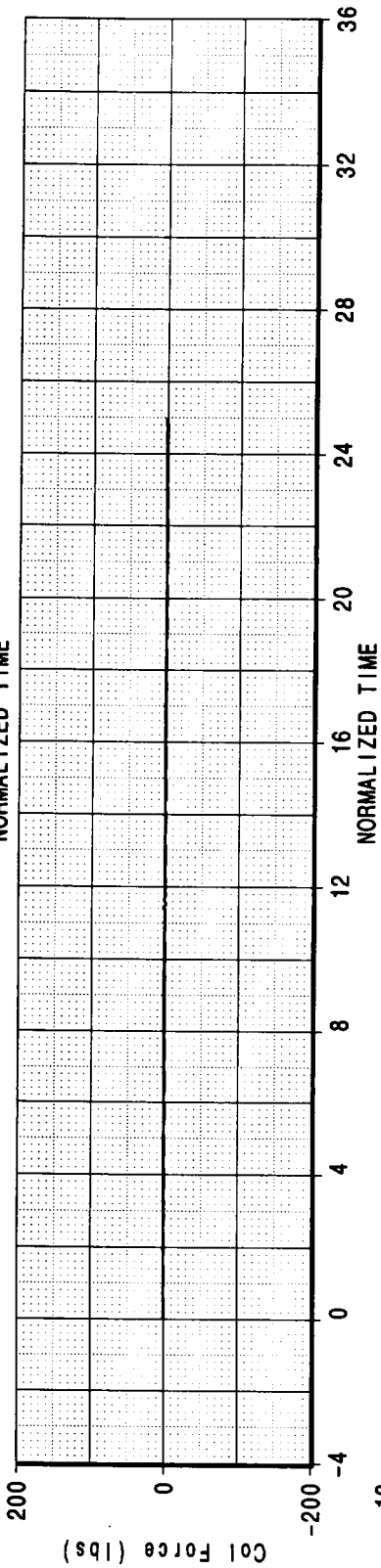
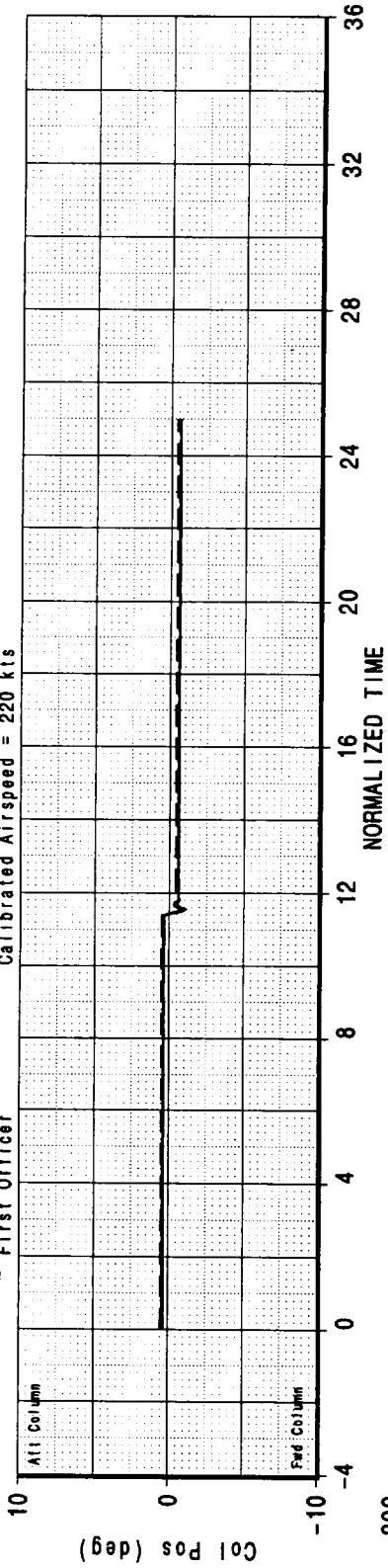
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08/27/01 16:49:25.0000-16:49:50.0000 VR259 000-06 767-300 BUCKLEY, KIMBERL

PRELIMINARY

— Captain
 - - - First Officer
 Differential Elevator Feel Pressure = 620 psi
 Calibrated Airspeed = 220 kts



[A]: /project/illays/control_sys/sys_int/787/sectoin/multilays/egypt_ellr/vr259_pt_000_06/vr259_000_06_4703.asb
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EGYPT AIR INVESTIGATION
 AFT CABLE BREAK/FWD CABLE JAM
 TRANSIENT RESPONSE - COND .064

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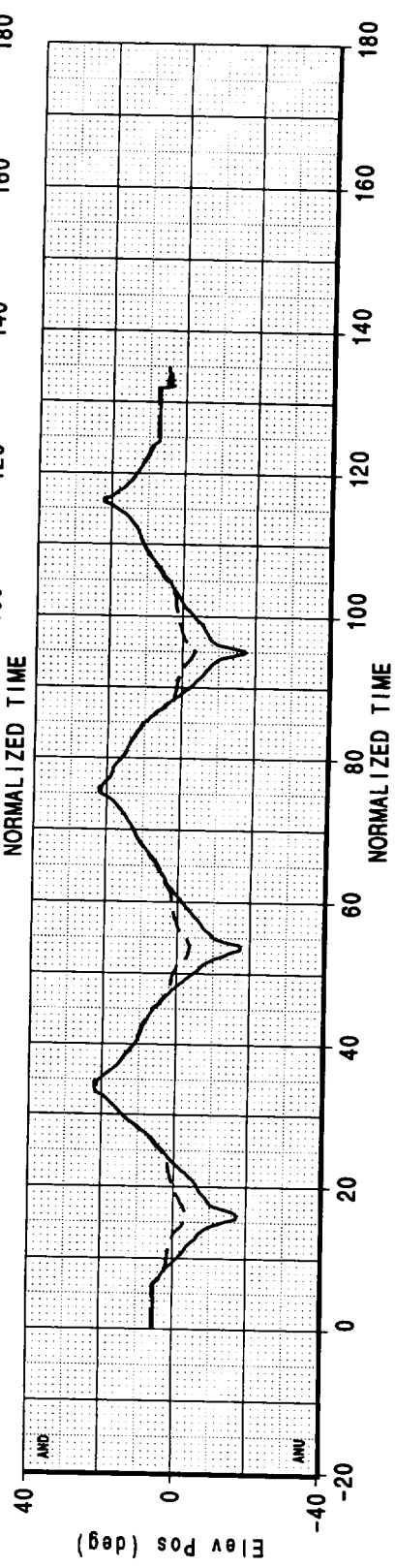
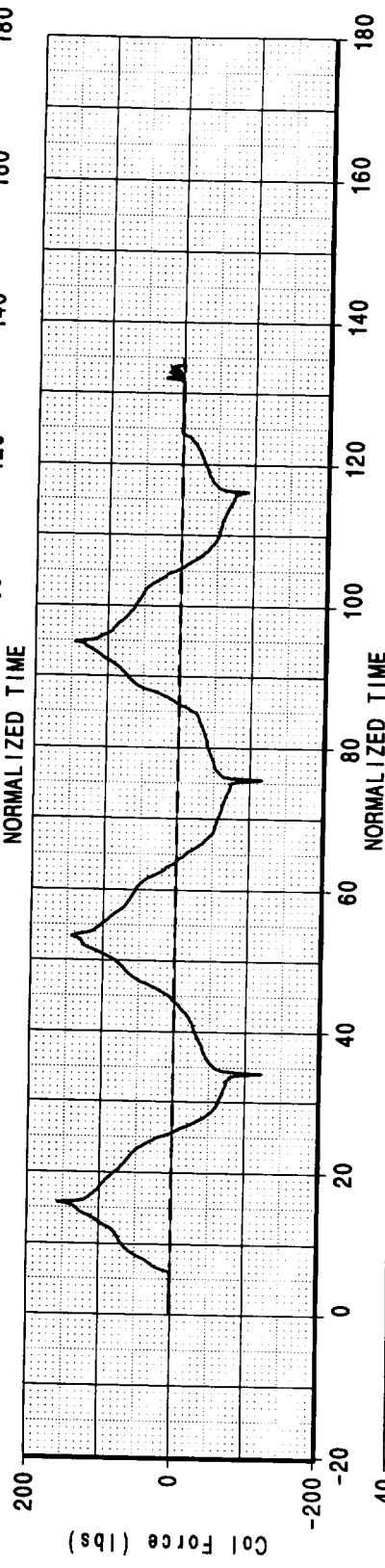
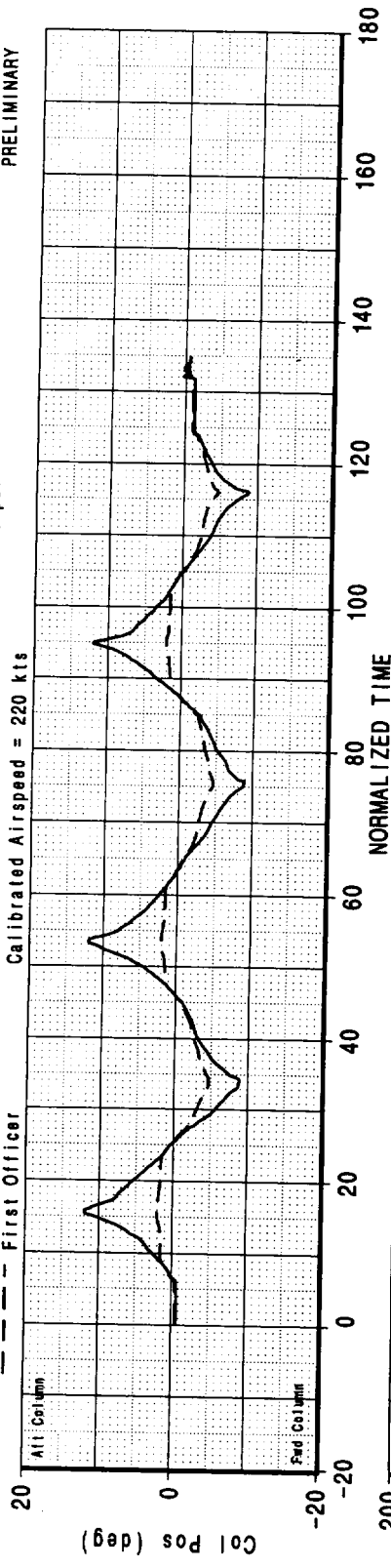
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08/27/01 16:08:40.0000-16:10:55.0000 VR259 000-06 767-300 BUCKLEY, KIMBERL

PRELIMINARY

Differential Elevator Feel Pressure = 620 psi
 Calibrated Airspeed = 220 kts

— Captain
 - - - First Officer



[A]: /project/11toys/control_sys/sys_int/767/sustain/multiloys/egyp1_at/vr259_gl_000_06/vr259_000_06_4703.eab
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CALC	SEAN RUSSELL	28Aug01	REVISED	DATE
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EGYPT AIR INVESTIGATION
 AFT CABLE BREAK/FWD CABLE JAM
 CAPT SLOW COLUMN SWEEPS - COND .065



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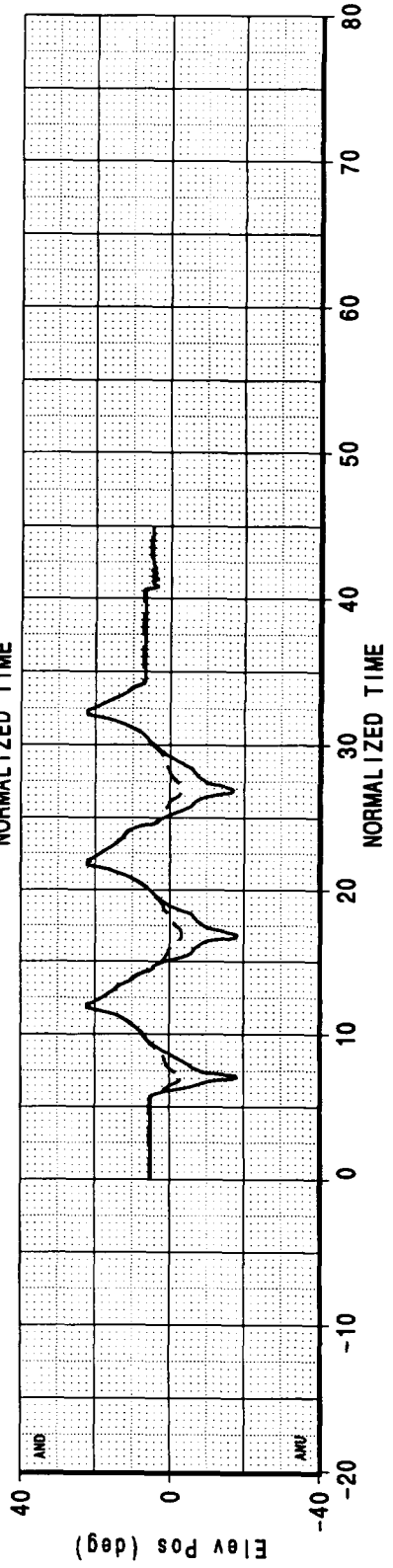
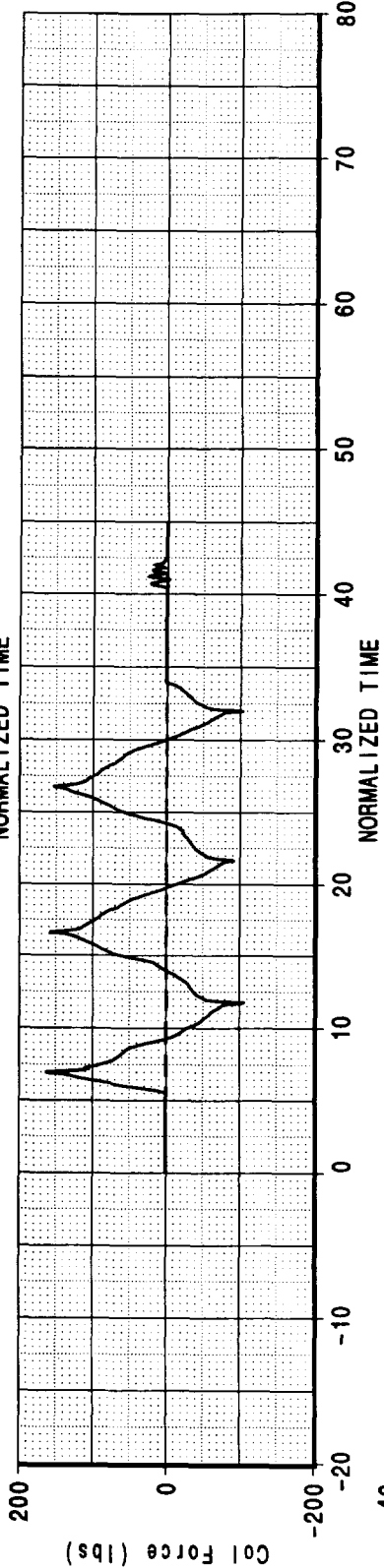
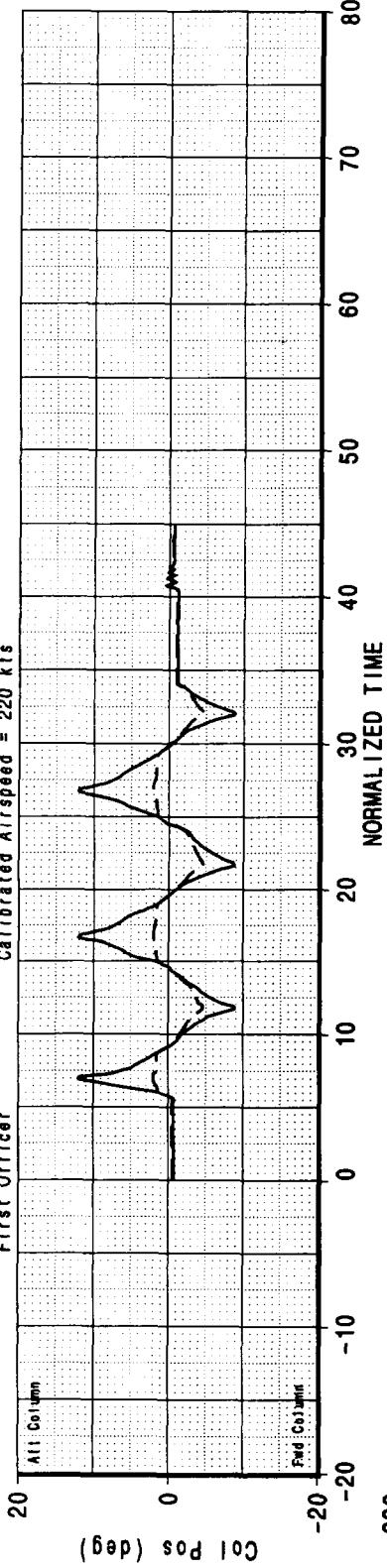
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08/27/01 16:11:25.0000-16:12:10.0000 VR259 000-06 767-300 BUCKLEY, KIMBERL

PRELIMINARY

Differential Elevator Feel Pressure = 620 psi
 Calibrated Airspeed = 220 kts

— Captain
 - - - First Officer



[A]: /project/llt/ctrl/control_eyes/sys_int/787/maintain/mlt/lays/egyp1_air/vr259_g1_000_06/vr259_000_06_4703.eab
 81.39.1384.068/000-06/VR259

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EGYPT AIR INVESTIGATION
 AFT CABLE BREAK/FWD CABLE JAM
 CAPT MED COLUMN SWEEPS - COND .066



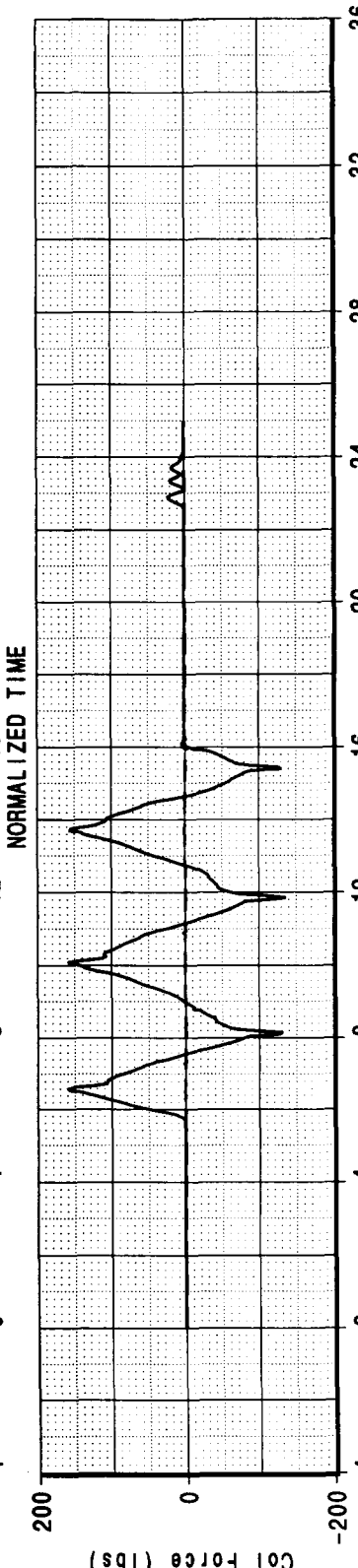
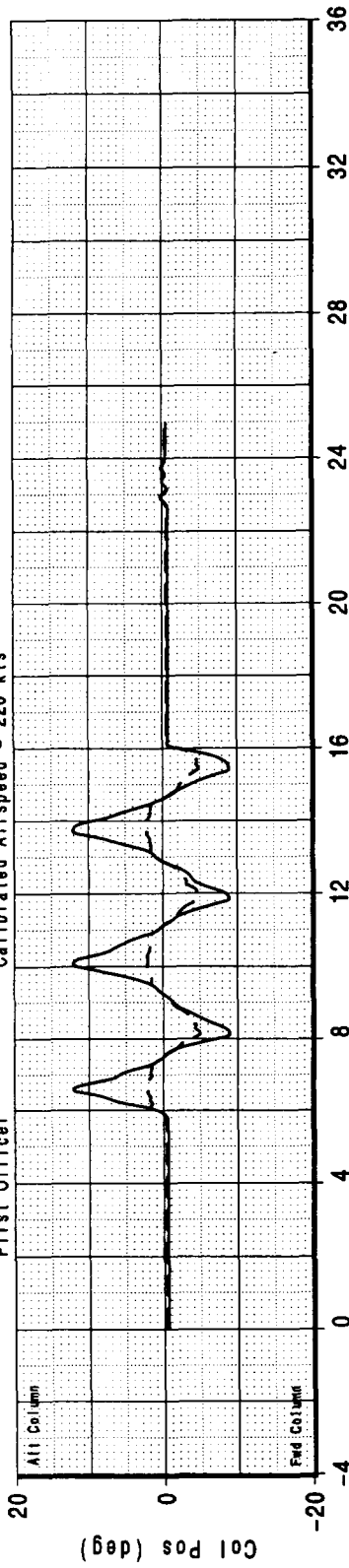
767-300F VR259
Test Date: 27-AUG-01
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08/27/01 16:12:25.000-16:12:50.000 VR259 000-06 767-300 BUCKLEY, KIMBERL

PRELIMINARY

Differential Elevator Feel Pressure = 620 psi
Calibrated Airspeed = 220 kts

— Captain
- - - First Officer



[A]: /project/11159/control_sys/egyp_161/767/anal/multi/egyp1_161_000_06/VR259_000_06_4703.eeb
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CALC	SEAN RUSSELL	28Aug01	REVISED	DATE
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EGYPT AIR INVESTIGATION
AFT CABLE BREAK/FWD CABLE JAM
CAPT FAST COLUMN SWEEPS - COND .067

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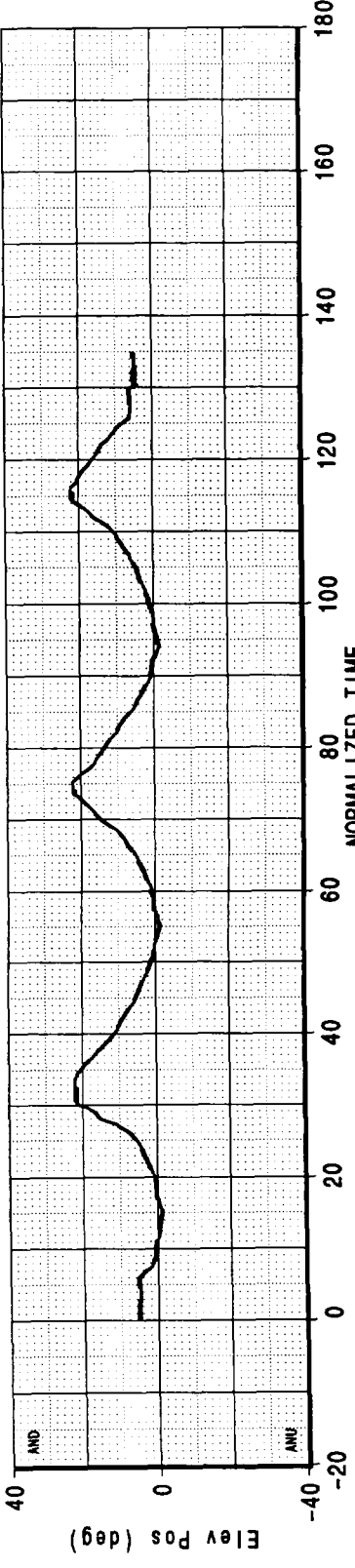
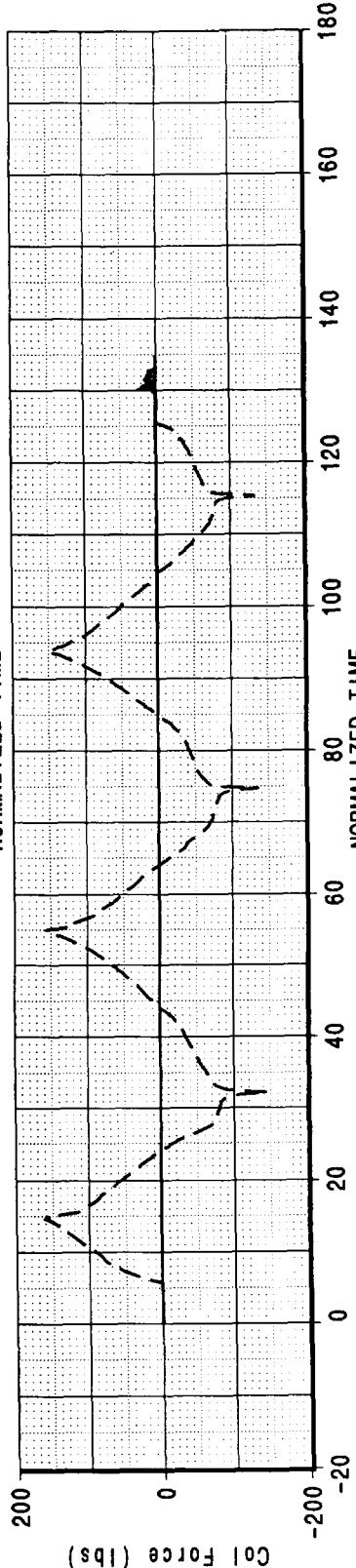
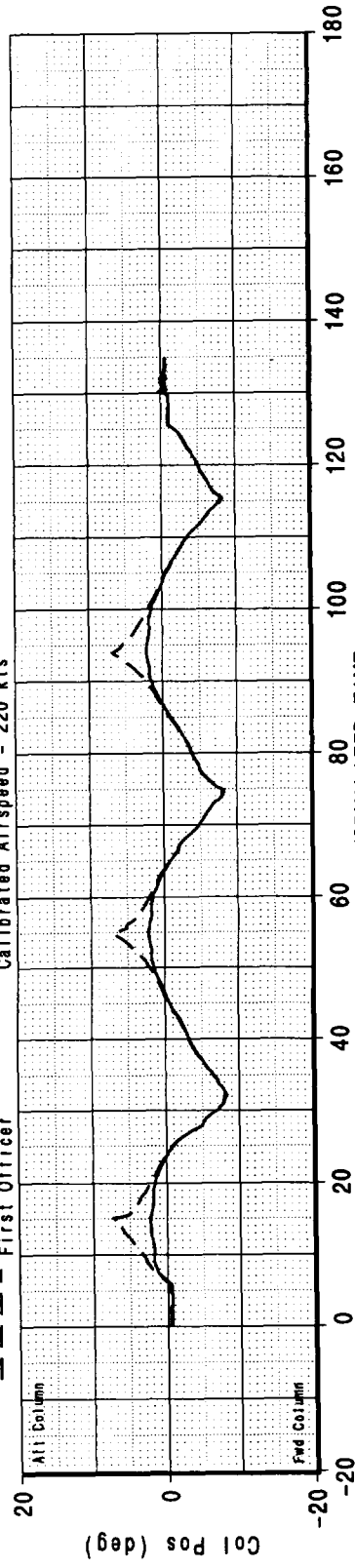


08/27/01 16:13:35.0000-16:15:50.0000 VR259 000-06 767-300 BUCKLEY, KIMBERL

PRELIMINARY

Differential Elevator Feel Pressure = 620 psi
 Calibrated Airspeed = 220 kts

— Captain
 - - - First Officer



[A]: /project/111sys/control_sys/sys_int/787/ustain/multi/sys/egyp1_e1r/rv259_01_000_06/vr259_000_06_4703.eeb
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CALC	SEAN RUSSELL	28Aug01	REVISED	DATE
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EGYPT AIR INVESTIGATION
 AFT CABLE BREAK/FWD CABLE JAM
 F/O SLOW COLUMN SWEEPS - COND .068



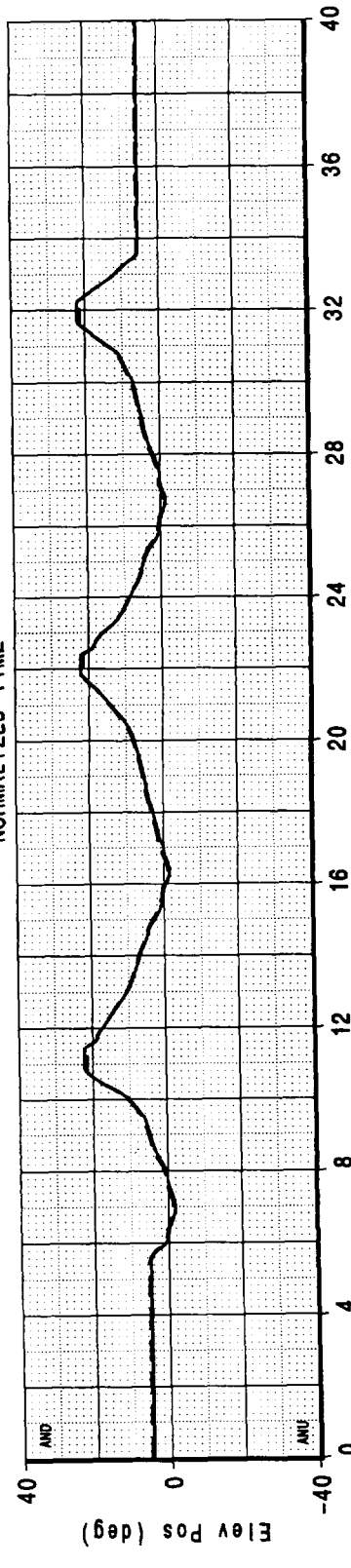
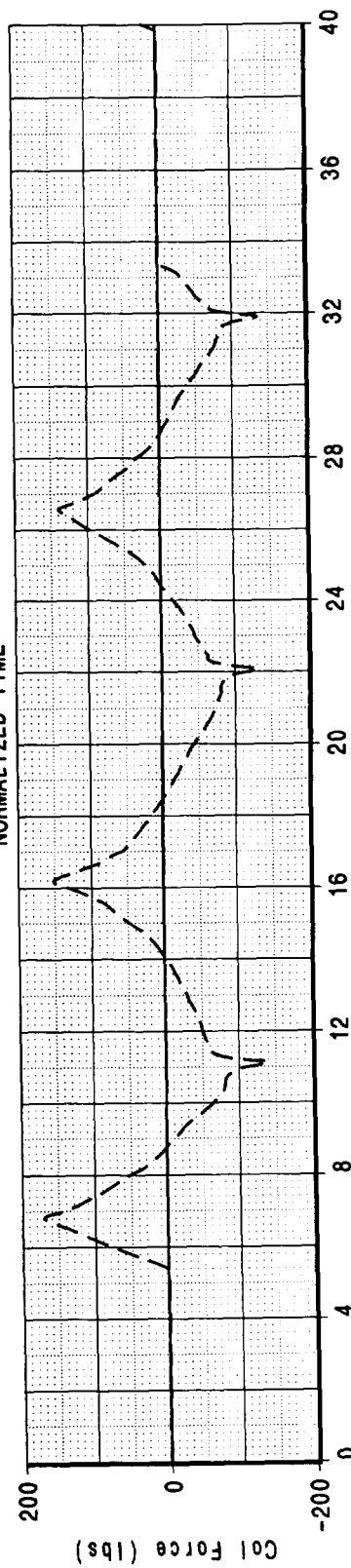
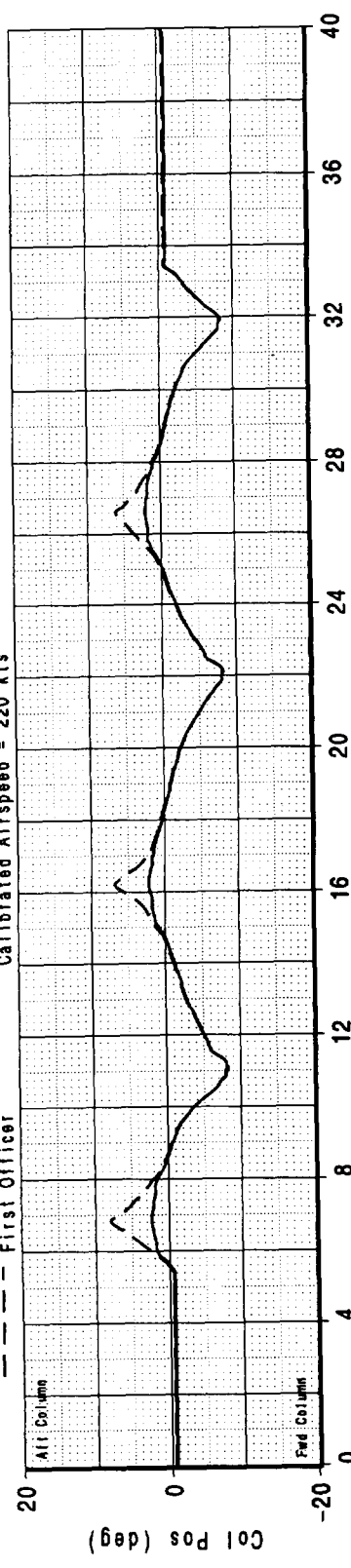
767-300F VR259
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08/27/01 16:16:10.0000-16:16:50.0000 VR259 000-06 767-300 BUCKLEY, KIMBERL

PRELIMINARY

Differential Elevator Feel Pressure = 620 psi
 Calibrated Airspeed = 220 kts

— Captain
 - - - First Officer



[A]: /project/fitays/control_sys/sys_int/787/assata/multilays/egyp1_a1r/vr259-gl_000_06/vr259_000_06_4703.ssb
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EGYPT AIR INVESTIGATION
 AFT CABLE BREAK/FWD CABLE JAM
 F/O MED COLUMN SWEEPS - COND .069

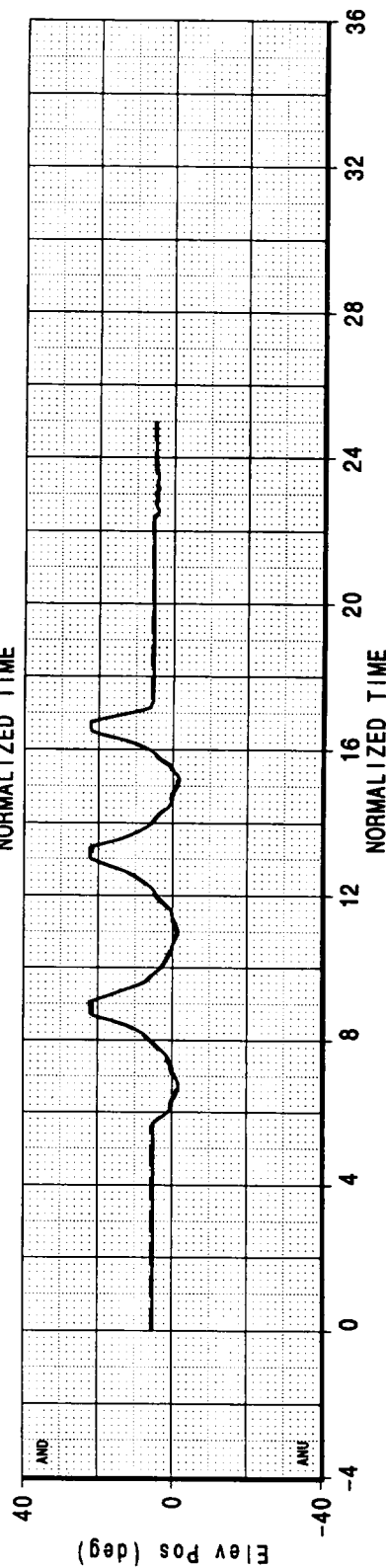
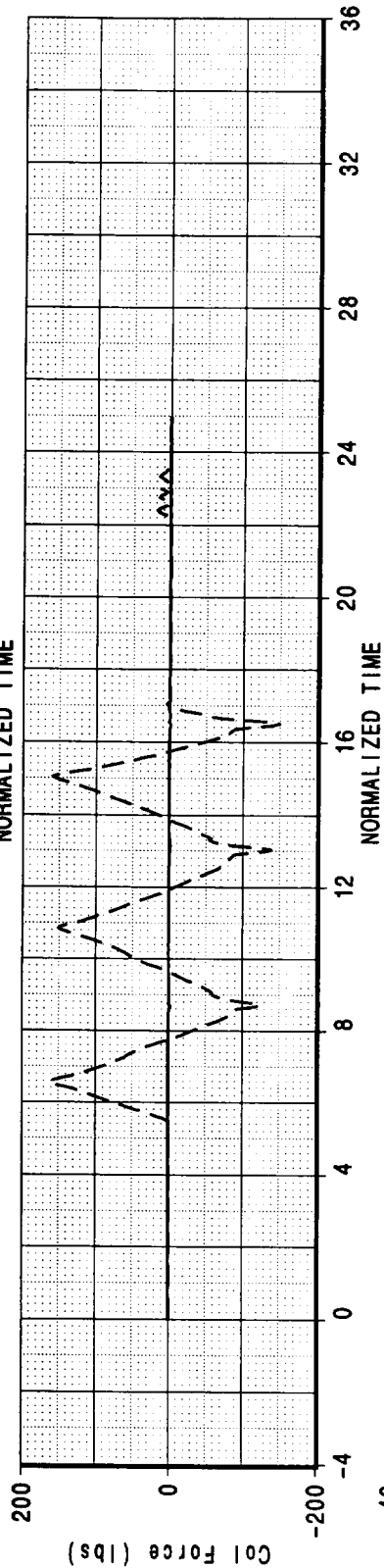
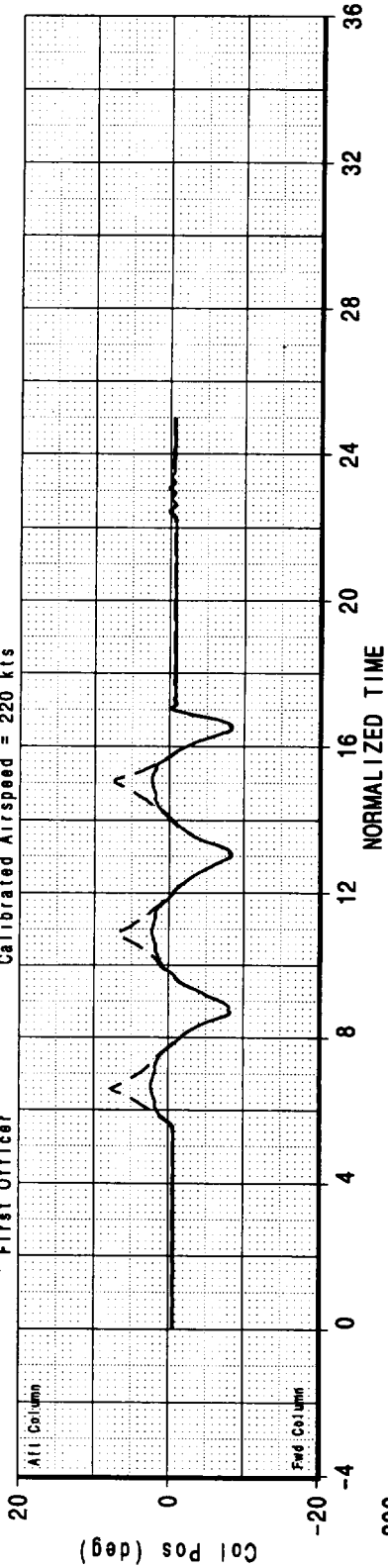
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08/27/01 16:17:10.0000-16:17:35.0000 VR259 000-06 767-300 BUCKLEY, KIMBERL

PRELIMINARY
 Differential Elevator Feel Pressure = 620 psi
 Calibrated Airspeed = 220 kts

— Captain
 - - - First Officer



[A]: /project/itsys/control_sys/sys_int/767/ustain/multi/egyp_egyp_air/vr259_pt_000_06/vr259_000_06_4703.asb
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CALC	SEAN RUSSELL	28Aug01	REVISED	DATE
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EGYPT AIR INVESTIGATION
 AFT CABLE BREAK/FWD CABLE JAM
 F/O FAST COLUMN SWEEPS - COND .070

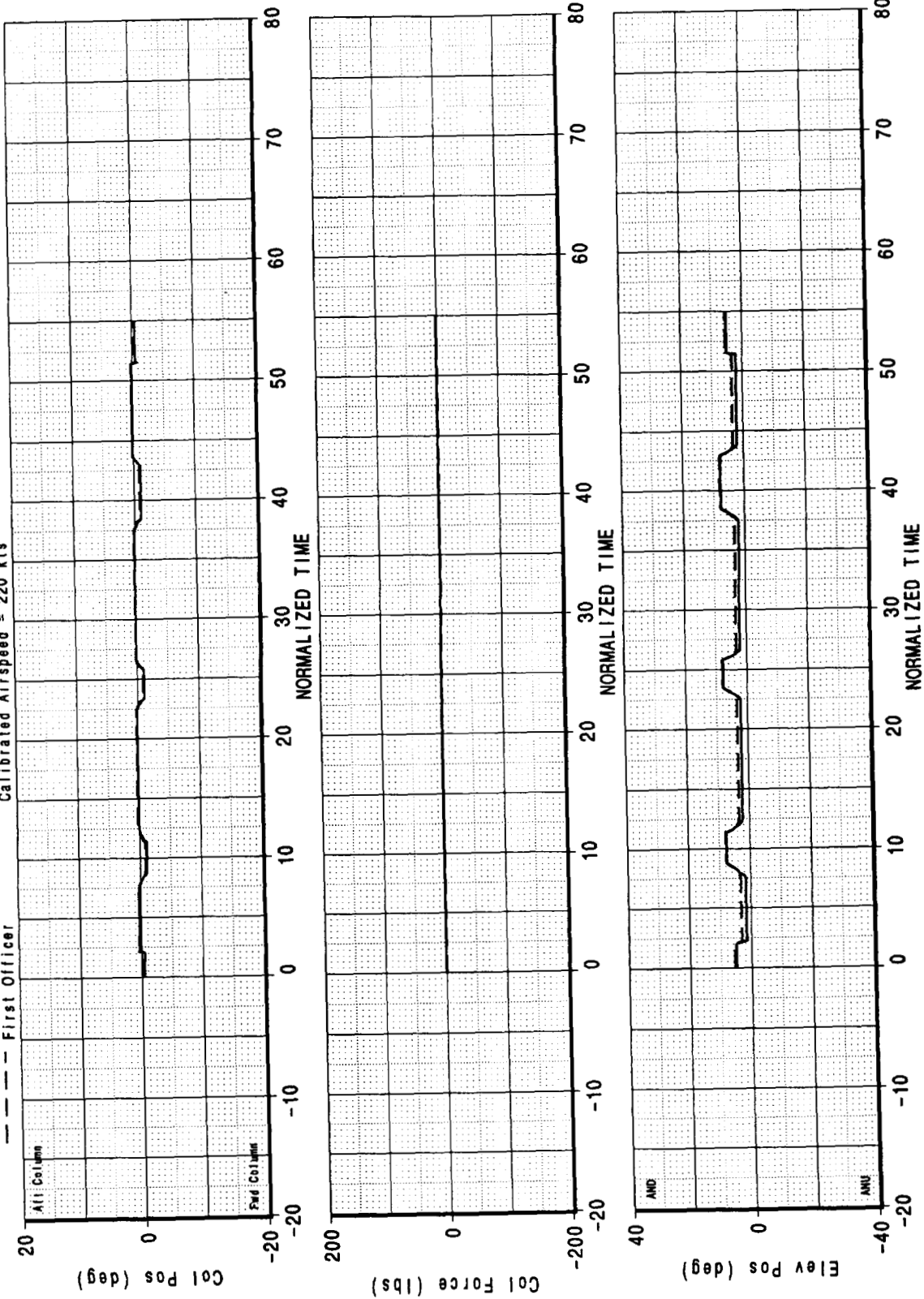


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08/27/01 16:29:40.0000-16:30:35.0000 VR259 000-06 767-300 BUCKLEY, KIMBERL

PRELIMINARY

— Captain
 - - - First Officer
 Differential Elevator Feel Pressure = 620 psi
 Calibrated Airspeed = 220 kts



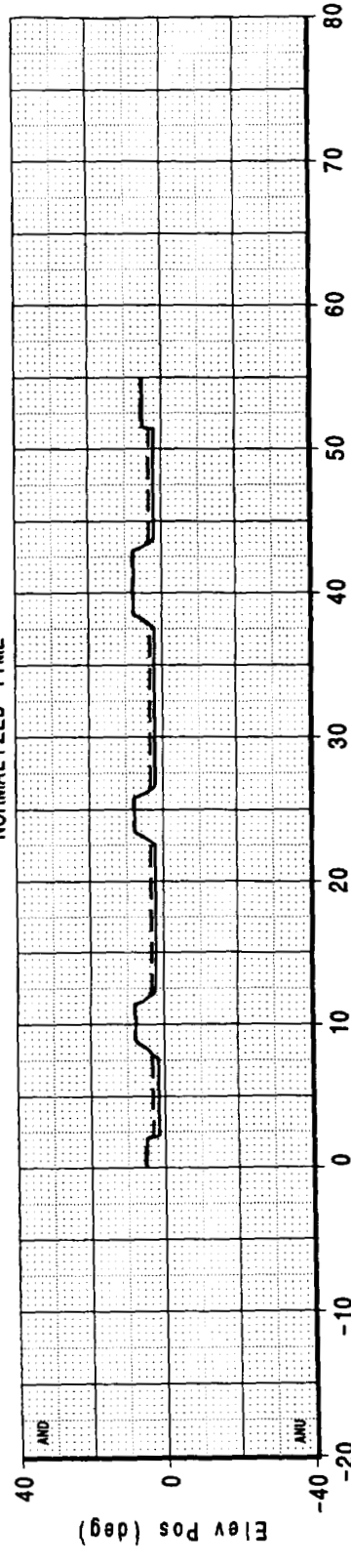
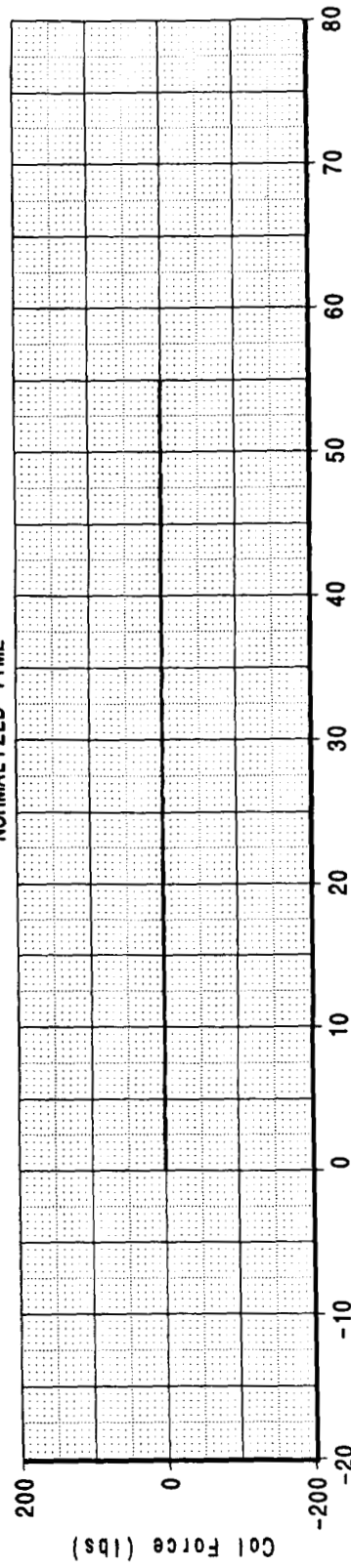
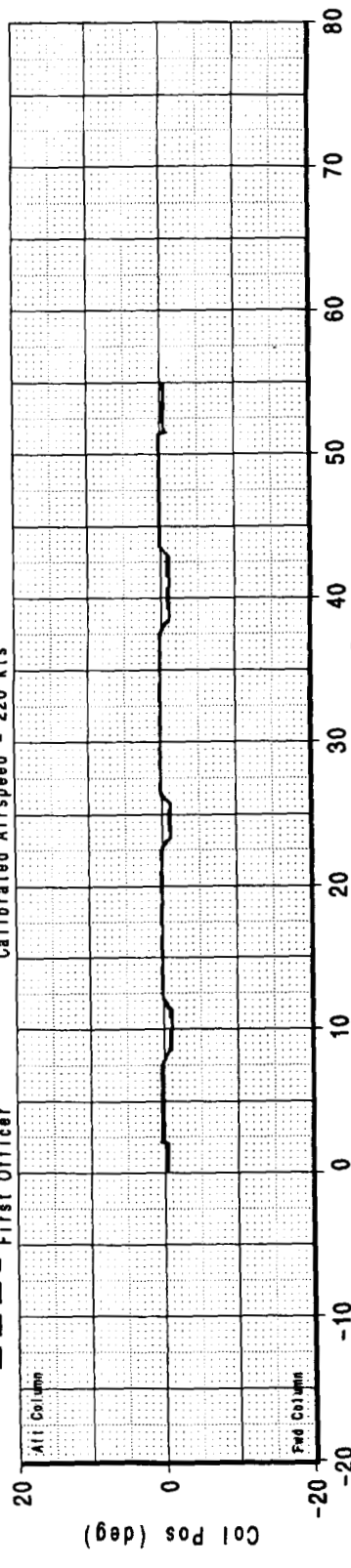
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CALC	SEAN RUSSELL	28Aug01	REVISED	DATE	EGYPT AIR INVESTIGATION AFT CABLE BREAK/FWD CABLE JAM L AUTOPILOT SWEEPS - COND .071 	767-300F VR259
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08/27/01 16:29:40.0000-16:30:35.0000 VR259 000-06 767-300 BUCKLEY, KIMBERL

PRELIMINARY
 Differential Elevator Feel Pressure = 620 psi
 Calibrated Airspeed = 220 kts

— Captain
 - - - First Officer



(A): /project/ltcya/control_sys_in1/767/asssta/multi/sys/egyp1_a1/vr259_01_000_06/vr259_000_06_4703.eeb
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CALC	SEAN RUSSELL	28Aug01	REVISED	DATE
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EGYPT AIR INVESTIGATION
 AFT CABLE BREAK/FWD CABLE JAM
 C AUTOPILOT SWEEPS - COND .072

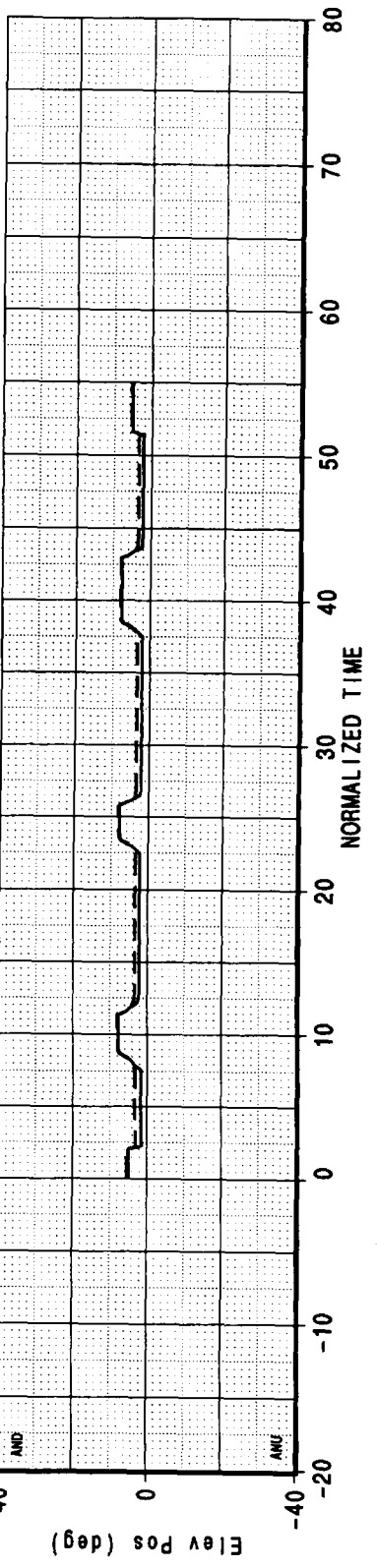
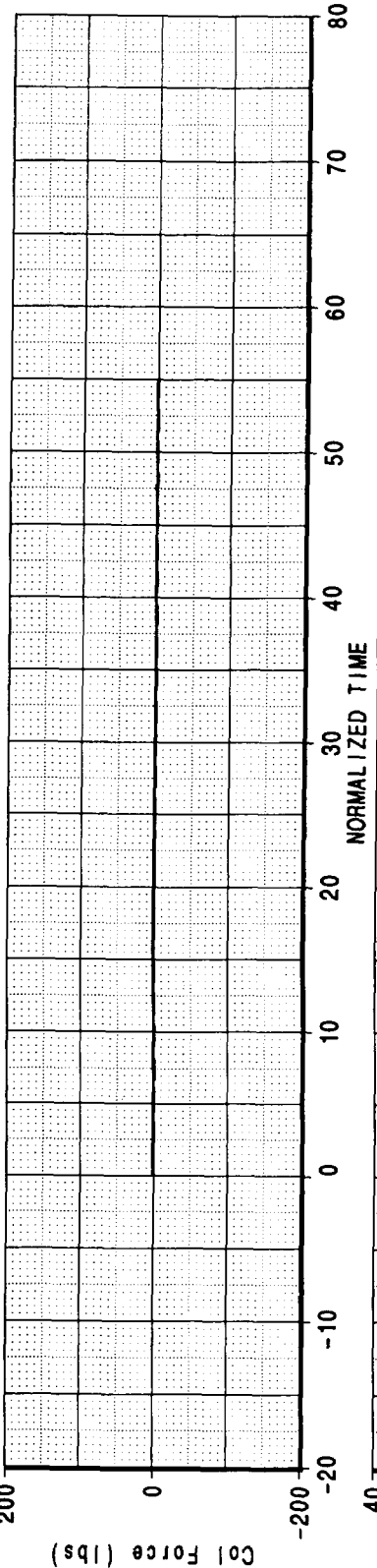
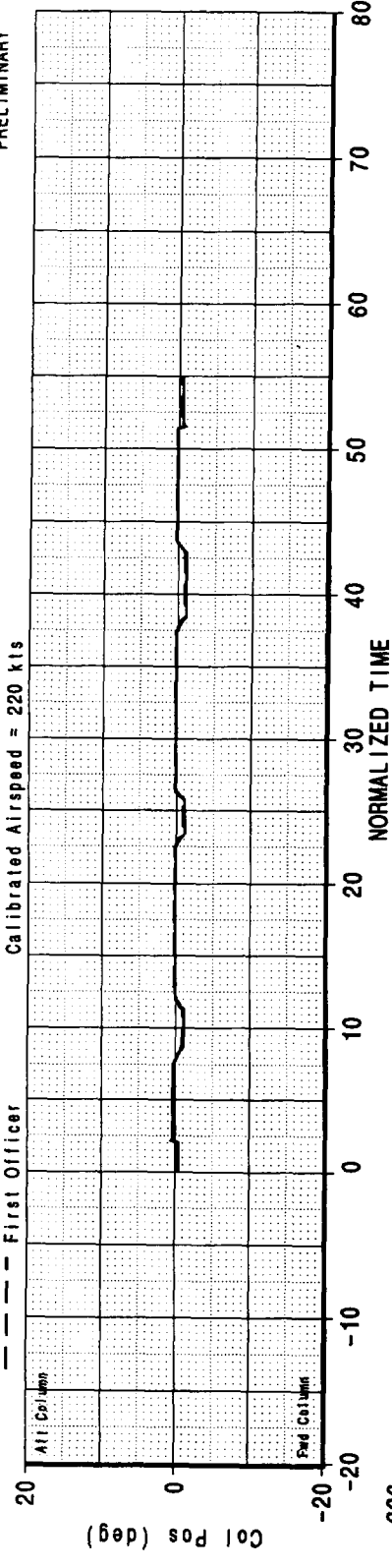
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08/27/01 16:29:40.0000-16:30:35.0000 VR259 000-06 767-300 BUCKLEY, KIMBERL

——— Captain
 - - - First Officer
 Differential Elevator Feel Pressure = 620 psi
 Calibrated Airspeed = 220 kts

PRELIMINARY



[A]: /project/illlvs/control_ays_int/767/sustain/multilvs/egypt_air/vr259_gi_000_06/vr259_000_06_4703.eab
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EGYPT AIR INVESTIGATION
AFT CABLE BREAK/FWD CABLE JAM
R AUTOPILOT SWEEPS - COND .073



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