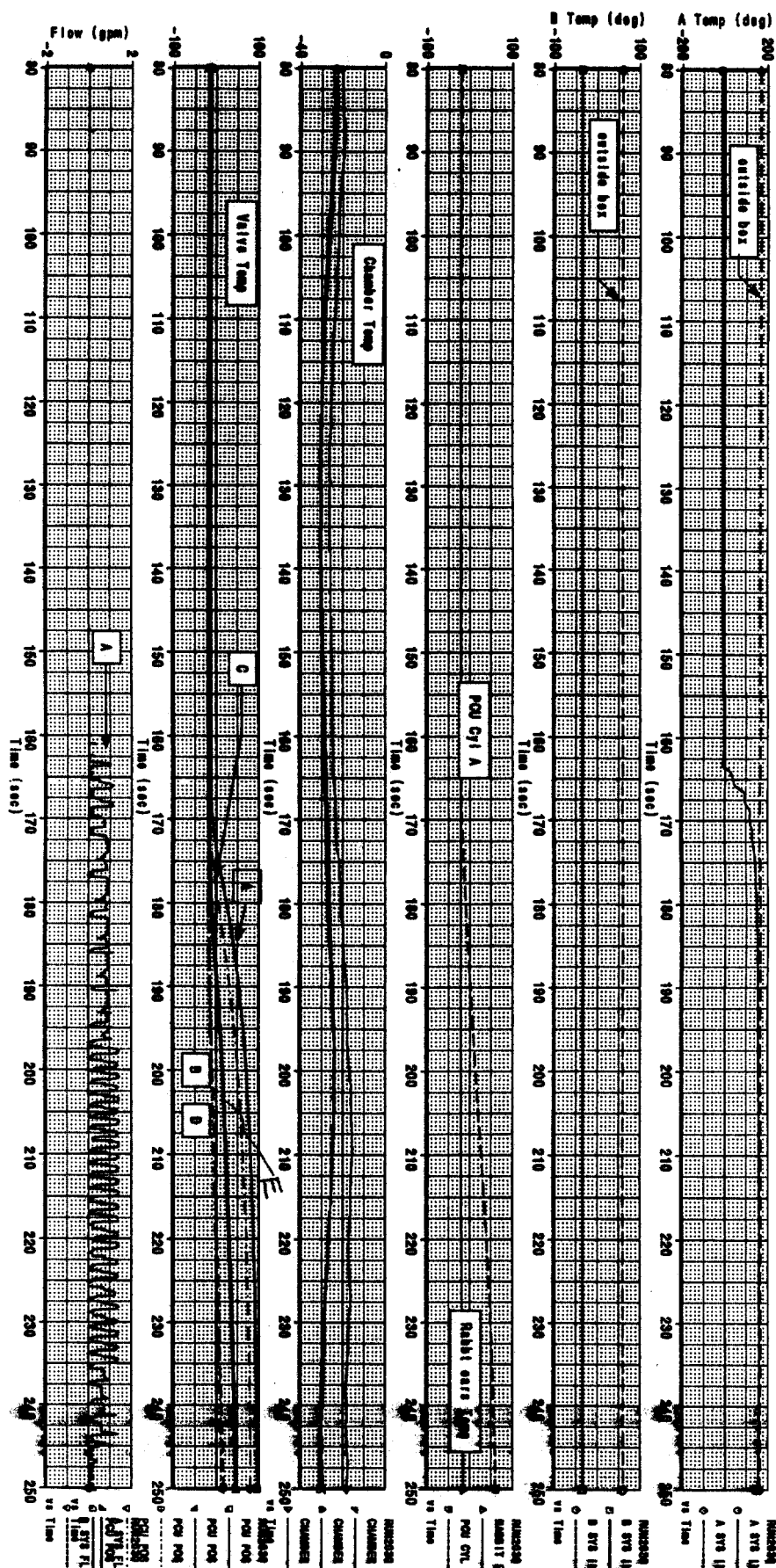


Test: 737-300 PCU SHOCK TEST
 Cond: 427 PCU
 Run: RUN2030

Date: 10/11/98
 Time: 18:02:12.00
 Dir (sec): 277.28



DATE	David Wang	170-100	NOTES	DATE	
COND					
APP.					
APP.					
Accident Unit Condition J					
737-300					
Boeing					
PCU					

[A]: (disk/d4/737_thermal/run2030.aab)

The Oct 17 1998 08:19:18

Test: 737-300 PCU SHOCK TEST

Date: 10/11/96

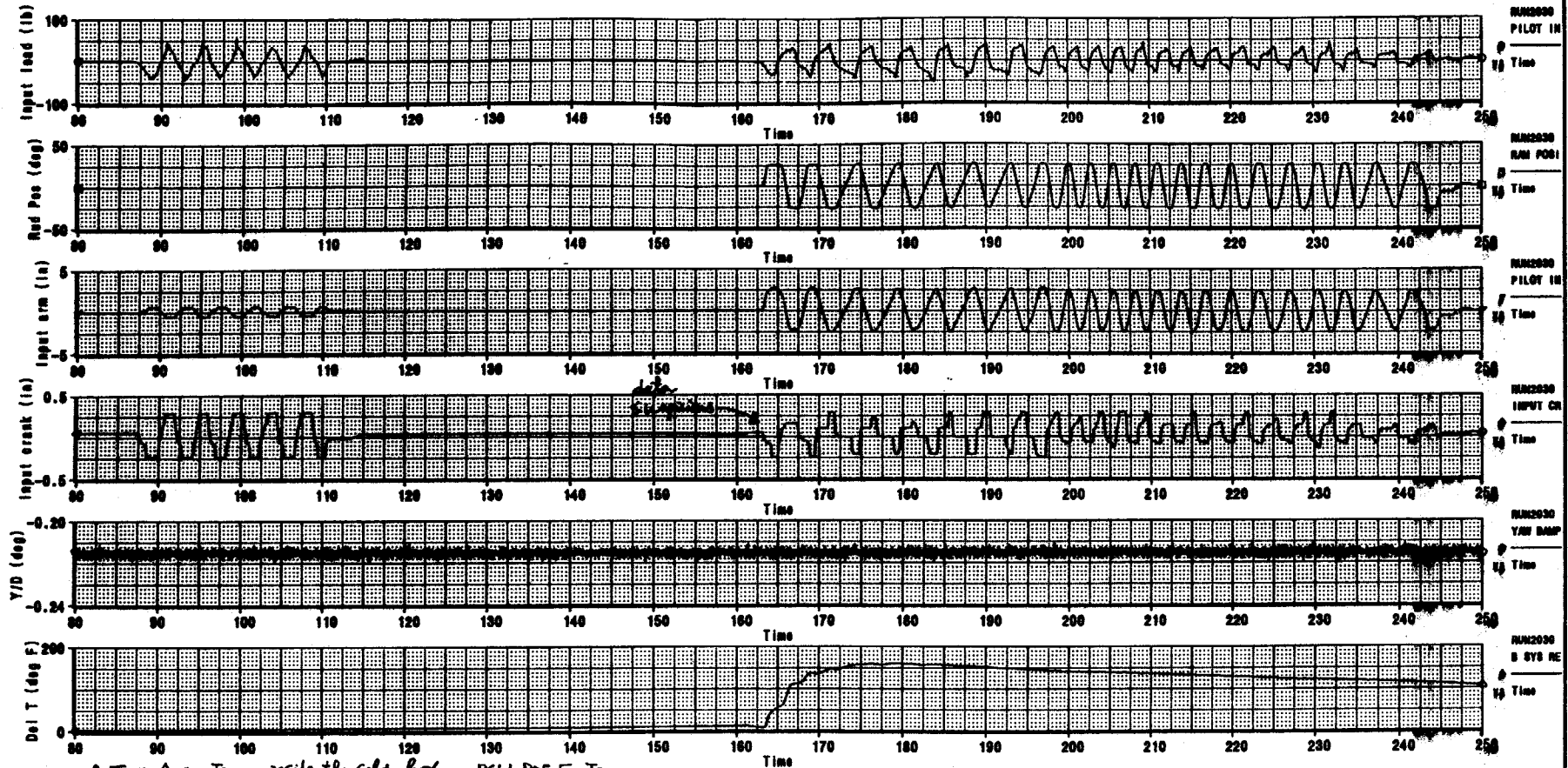
Cond: 427 PCU

Time: 18:02:12.00

Run: RUN2030

MSL/VME-3: OACP 5E007153 007

Dur(sec): 277.28



Del T = A-sys Temp inside the cold box - PCU POS E Temp

NAME	David Wang	170x196	REVISED	DATE	737-300 Rudder PCU
CHECK					Condition J, warmer chub
APPRO.					Cold soaked @ -20deg F temp.
APPRO.					BOEING
					PAGE

[A]: /disk/d4/737_thermal/run2030.eab

Thu Oct 17 1996 08:08:23

Test: 737-300 PCU SHOCK TEST

Cond: 427 PCU

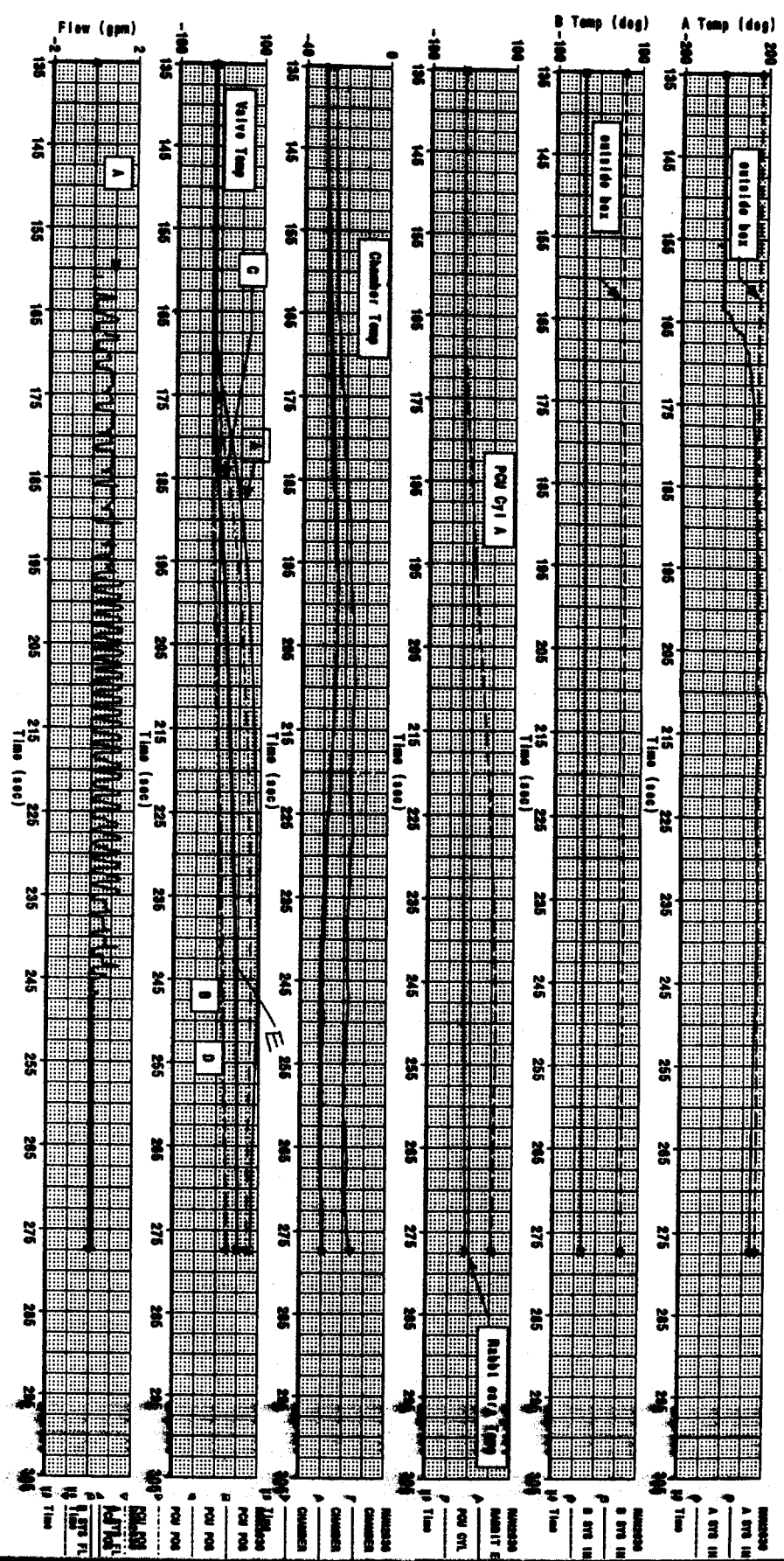
Run: RUN2330

MR./WE-3: DACP 55007153 007

Date: 10/11/96

Time: 16:02:12.00

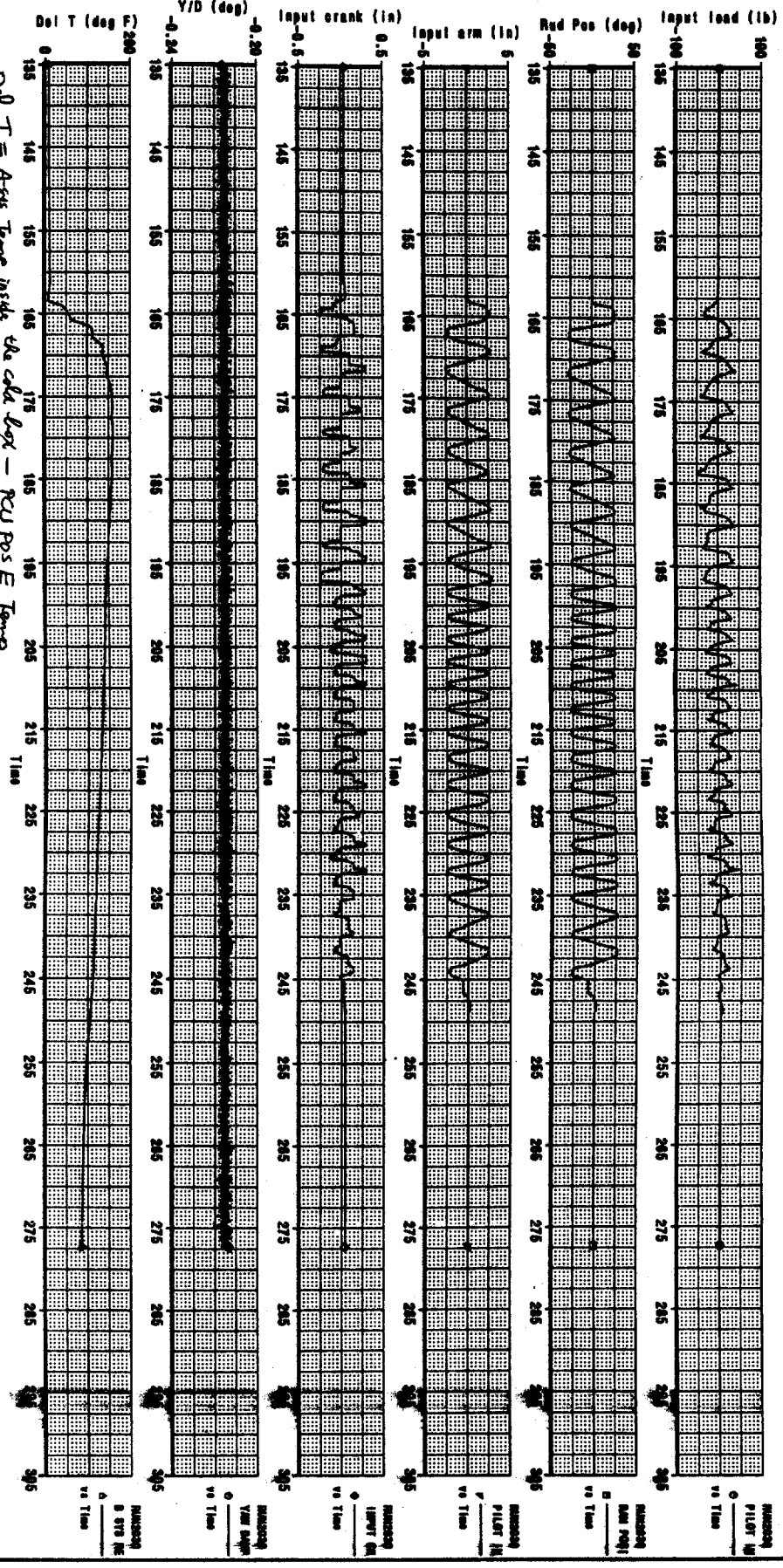
Def(sec): 277.28



OLD	Serial Num	1001196	REVISED	DATE
COND				
APP.				
APP.				
427 Unit				
Condition J				
737-300				
Rudder PCU				
BOEING				
TIME				

[A]: /disk/44737_1borm/1001.00b

Test: 737-300 PCU SHOCK TEST
 Cond: 427 PCU
 Run: NUM200 URL/WE-3: DACP SE007153 007
 Date: 10/11/98
 Time: 18:02:12.00
 Dir (sec): 277.28

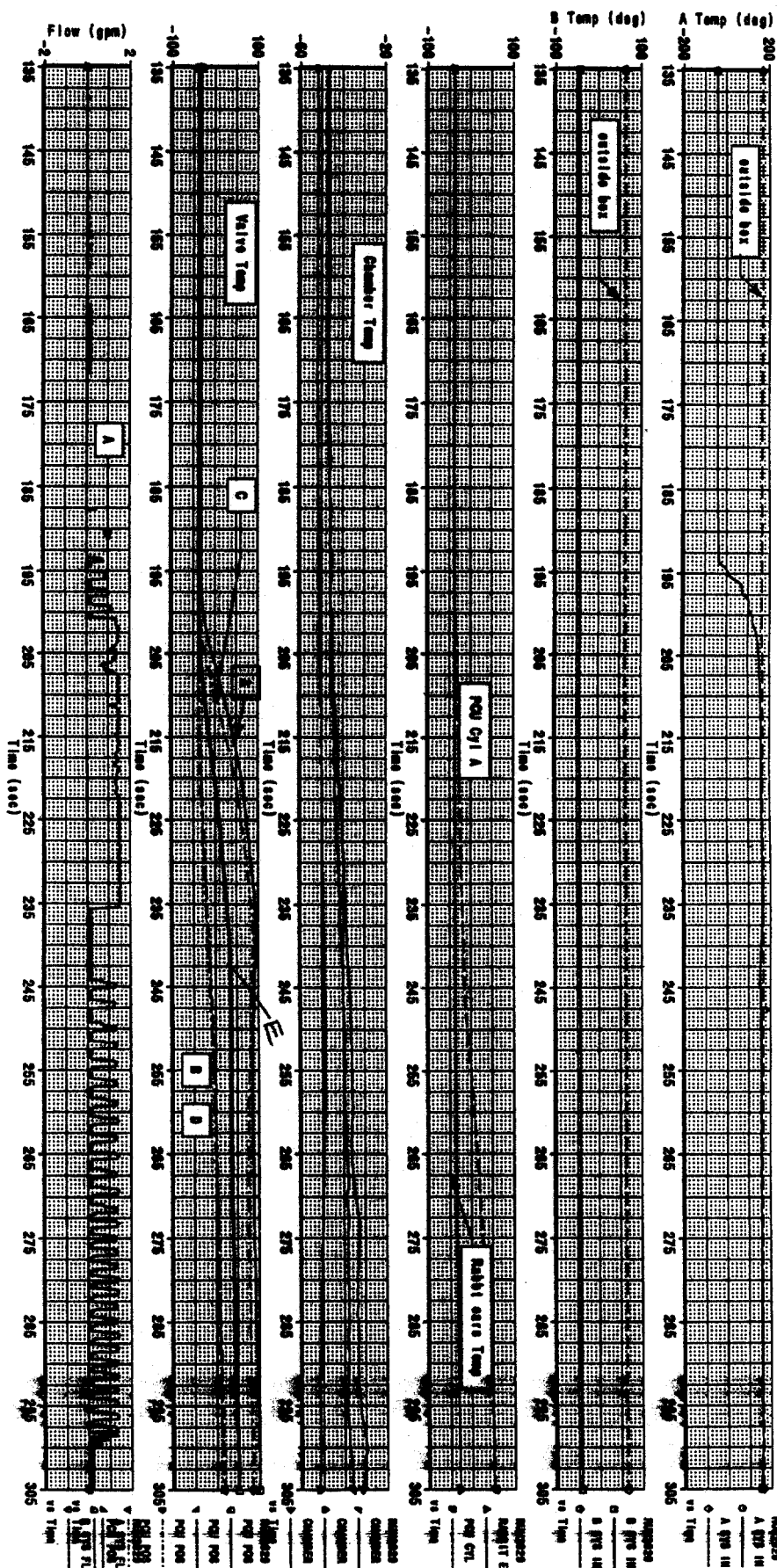


Del T = Asys Temp inside the cda box - PCU POS E Temp

DATE	TEST NAME	1000-100	REVISED	DATE
COND	427 UNIT, Sharma, Charles			
APP	Condition 1			
APP	cda cooled @ -20 deg F			
APP	BOEING			
APP				

[A]: /d10t/64/737_100rml/1001.01b

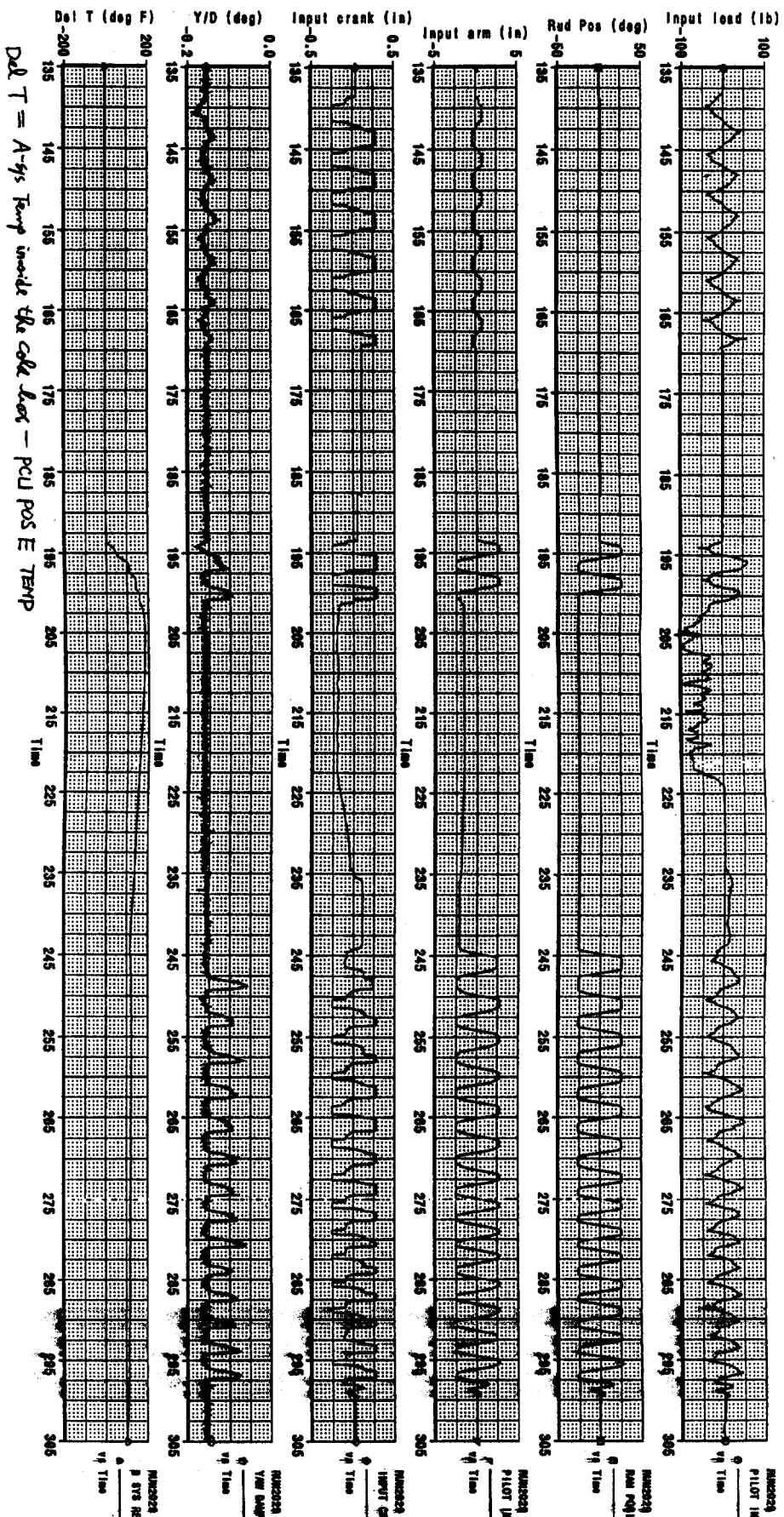
Date: 10/11/98
Time: 17:16:54.00
Dur(sec): 341.48

[illegible]

[A]: /disk/d4/737_normal/test.esh

Feb 01 18 1986 06:01:05

Test: 737-300 PCU BNOX TEST
 Cond: 427 PCU
 Run: RUN2029
 Date: 10/11/96
 Time: 17:16:54.00
 Def (sec): 341.48



Del T = A-75 Temp inside the cab box - PCU POS E TEMP

DATE	10/11/96	TIME	17:16:54
COND	427 PCU	Run	RUN2029
Def	341.48	Def (sec)	341.48
Y/D	0.0	Y/D (deg)	0.0
Input arm	0.0	Input arm (in)	0.0
Input crank	0.0	Input crank (in)	0.0
Red Pos	0.0	Red Pos (deg)	0.0
Input load	0.0	Input load (lb)	0.0
Del T	0.0	Del T (deg F)	0.0

[A]: /A18/44/737_180001/1001.00b

F11 Oct 18 1996 07:54:47

Test: 737-300 PCU SHOCK TEST

Date: 10/11/86

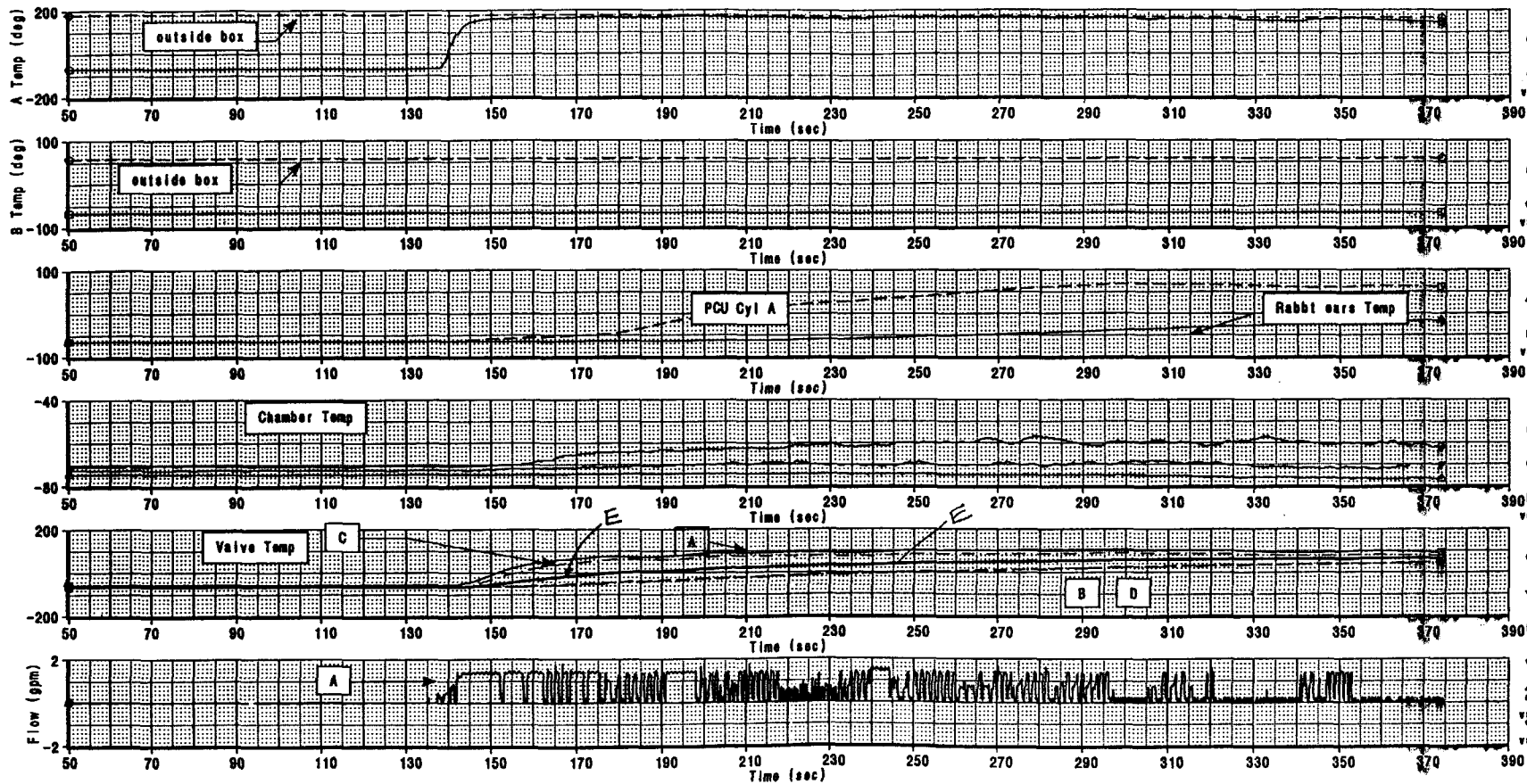
Cond: 427 PCU

Time: 15:29:09.00

Run: RUN2028

MSL/VME-3: DACP 5E007153 G07

Dur(sec): 373.88



CALC	David Wang	210c100	REVISED	DATE	427 Unit	737-300
CHECK					Condition H	Rudder PCU
APPRO.					<i>Cold soaked @ -65°F</i>	
APPRO.					BOEING	PAGE

[A]: /disk/d4/737_thermal/run2028.esb

Mon Oct 21 1986 08:25:15

Test: 737-300 PCU SHOCK TEST

Date: 10/11/96

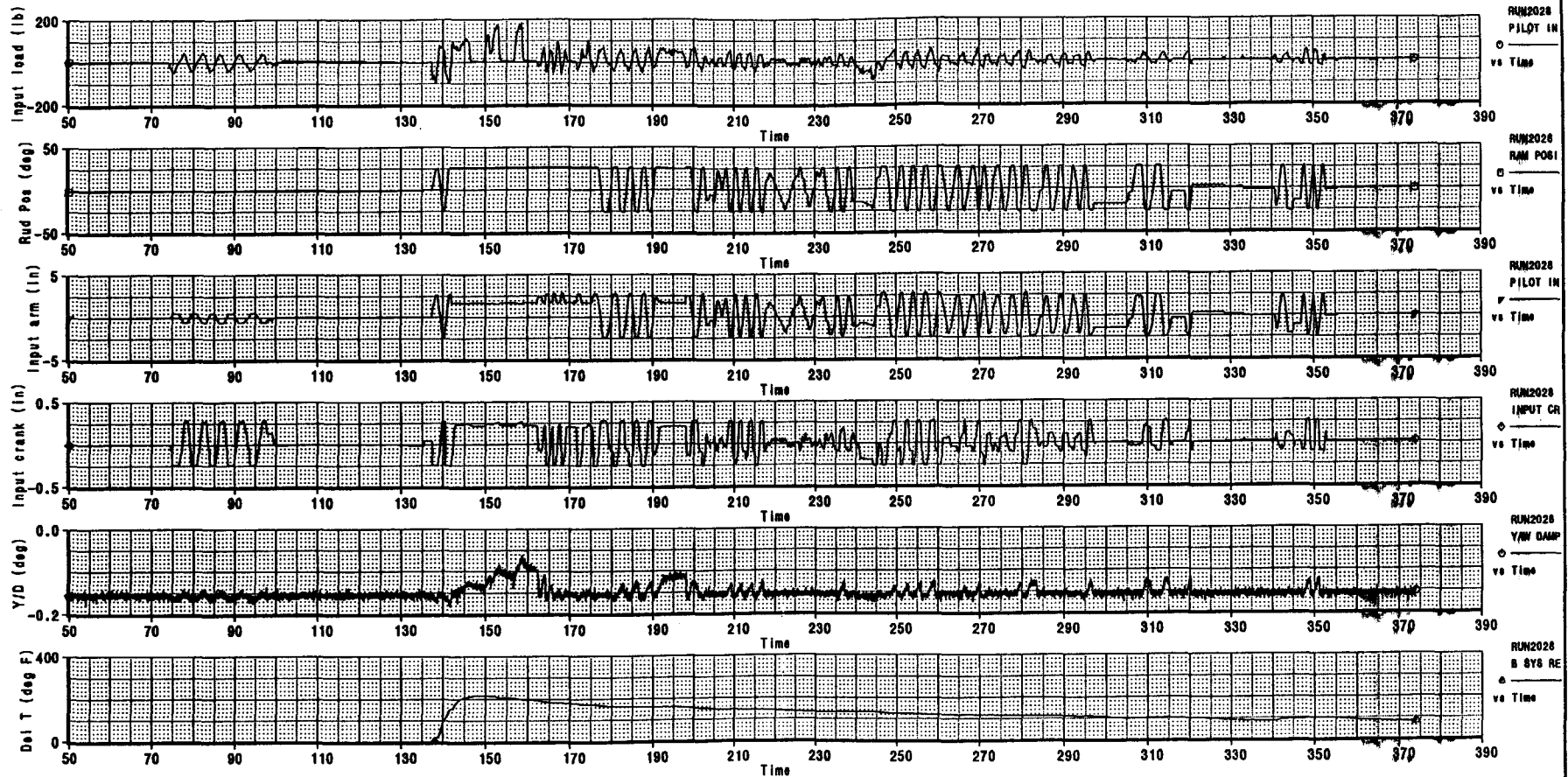
Cond: 427 PCU

Time: 15:29:09.00

Run: RUN2028

MSL/VME-3: DACP 5E007153 G07

Dur(sec): 373.88



Del T = A-sys TEMP inside the box - PCU POS E TEMP

CALC	David Wang	21Oct96	REVISED	DATE	Condition H	737-300 Rudder PCU
CHECK					427 Unit	
APPRO.					Cold soaked @ -65 °F	
APPRO.					BOEING	PAGE

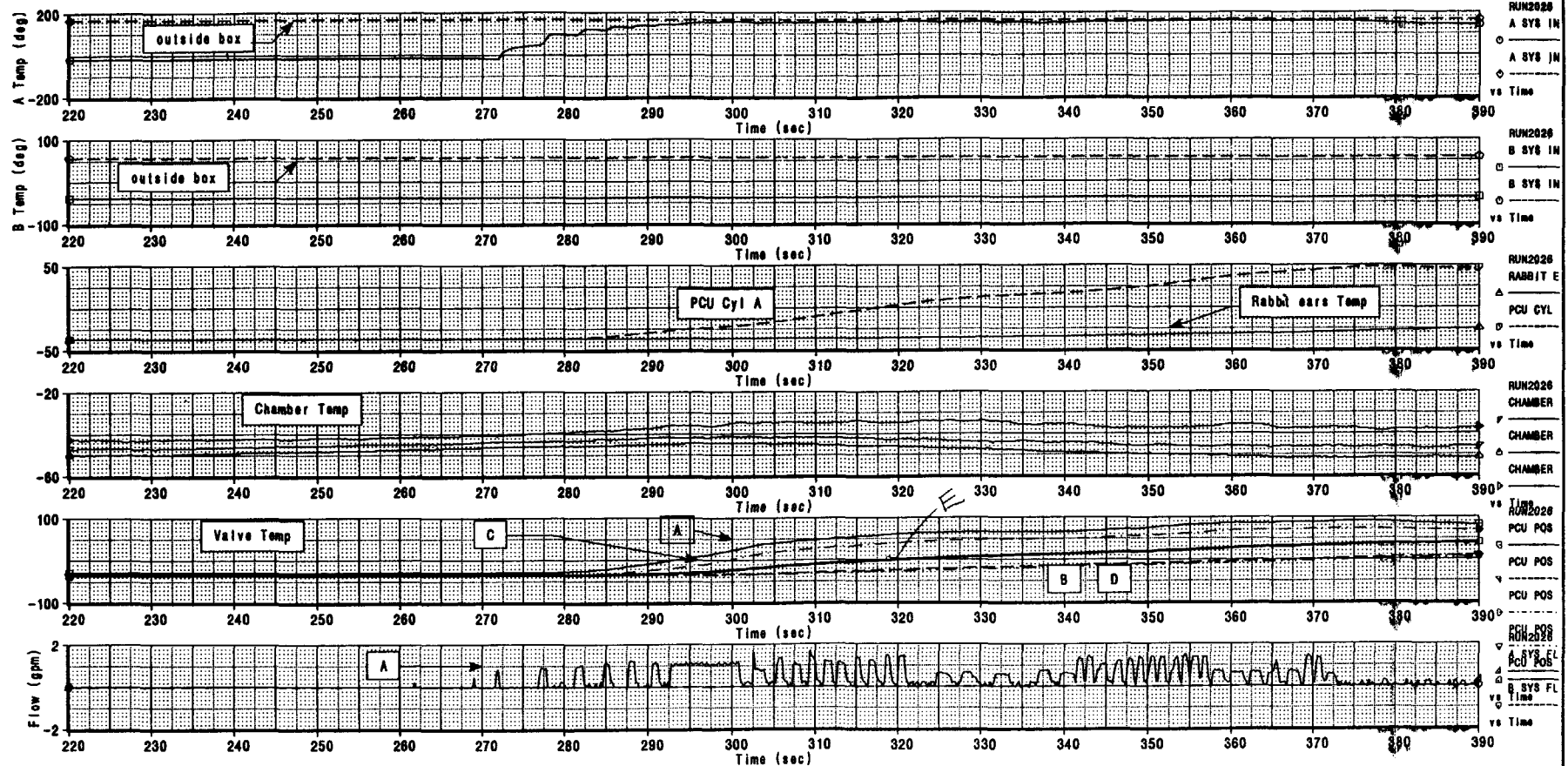
[A]: /disk/d4/737_thermal/run2028.esb

Mon Oct 21 1996 08:21:23

Date: 10/11/96

Time: 13:42:25.00

Our(sec): 460.28

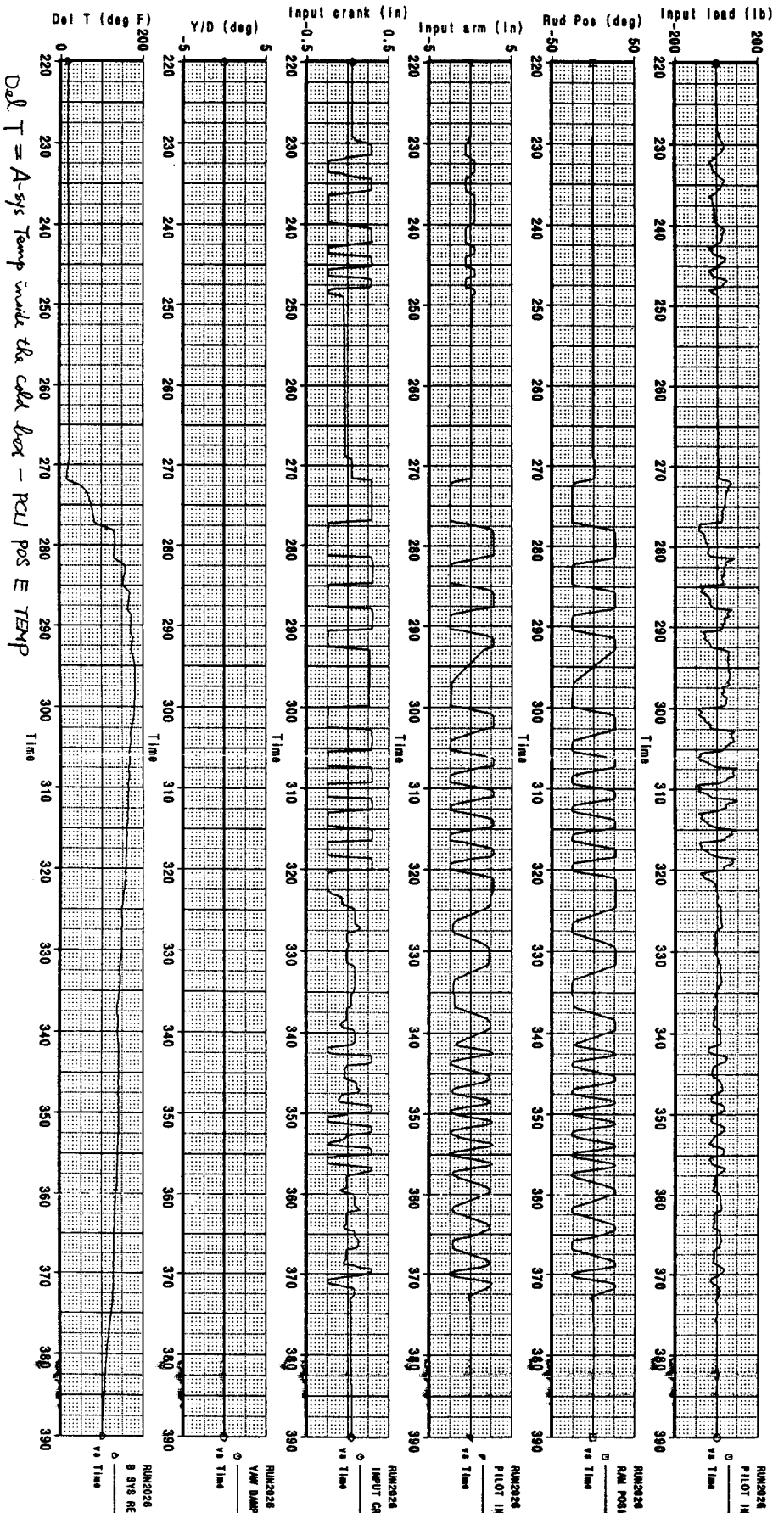


CALC	David Wang	100c196	REVISED	DATE	Accident Unit	737-300
CHECK					Condition G	Redder PCU
APPD.					<i>Canyon Simulation, cld scabes -40%</i>	
APPD.					BOEING	PAGE

[A]: /disk/d4/737_thermal/run2026.esb

Wed Oct 16 1996 09:46:32

Test: 737-300 PCU SHOCK TEST
 Cond: 427 PCU
 Run: RUN2026 MSL/VME-3: DACP 5E007153 G00
 Date: 10/11/96
 Time: 13:42:25.00
 Dur (sec): 460.28



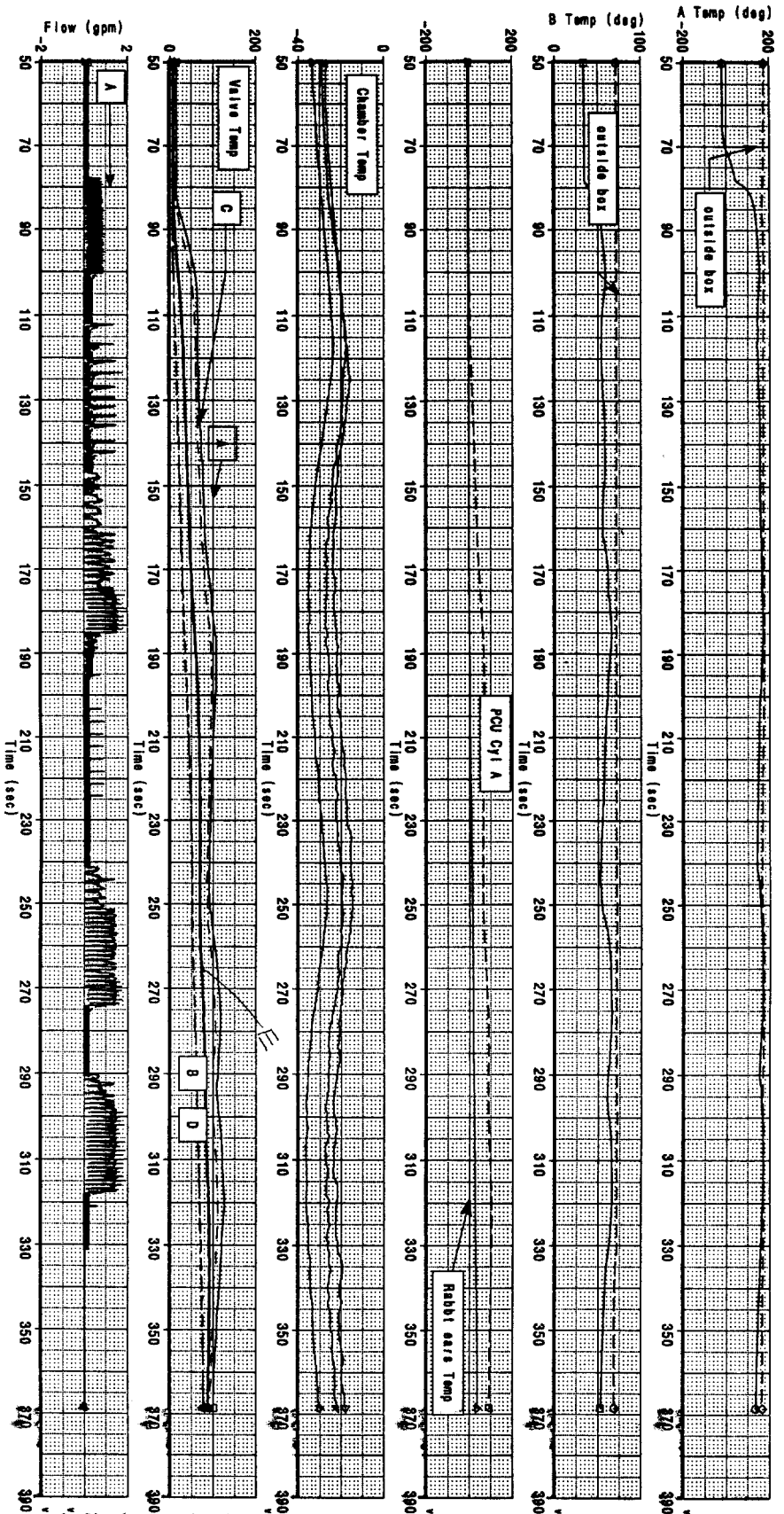
Del T = A-sys Temp inside the cold box - PCU POS E TEMP

DATE	DAVID MORG	100C108	REVISED	DATE
COND				
APP				
APP				
Accident Unit Condition G -407 Canyon Simulation, cold cockpit				
737-300 Rudder PCU				
BOEING				
PAGE				

[A]: /disk/d4/737_thermal/run2026.ash

Wed Oct 16 1996 09:52:15

Test: 737-300 PCU SHOCK TEST
 Cond: 427 PCU
 Run: RUN2024 MSL/VME-3: DACP SE007153 G00
 Date: 10/11/96
 Time: 11:19:52.00
 Dur(sec): 368.48



DATE	DAVID WAGG	31Oct196	REVISED	DATE	Condition F, cold soaked to - deg F	737-300
CHKD					Production Unit	Thunder PCU
APPRO.						

[A]: /disk/d4/737_thermal/run2024.esb

Mon Oct 21 1996 10:38:20

Test: 737-300 PCU SHOCK TEST

Date: 10/11/96

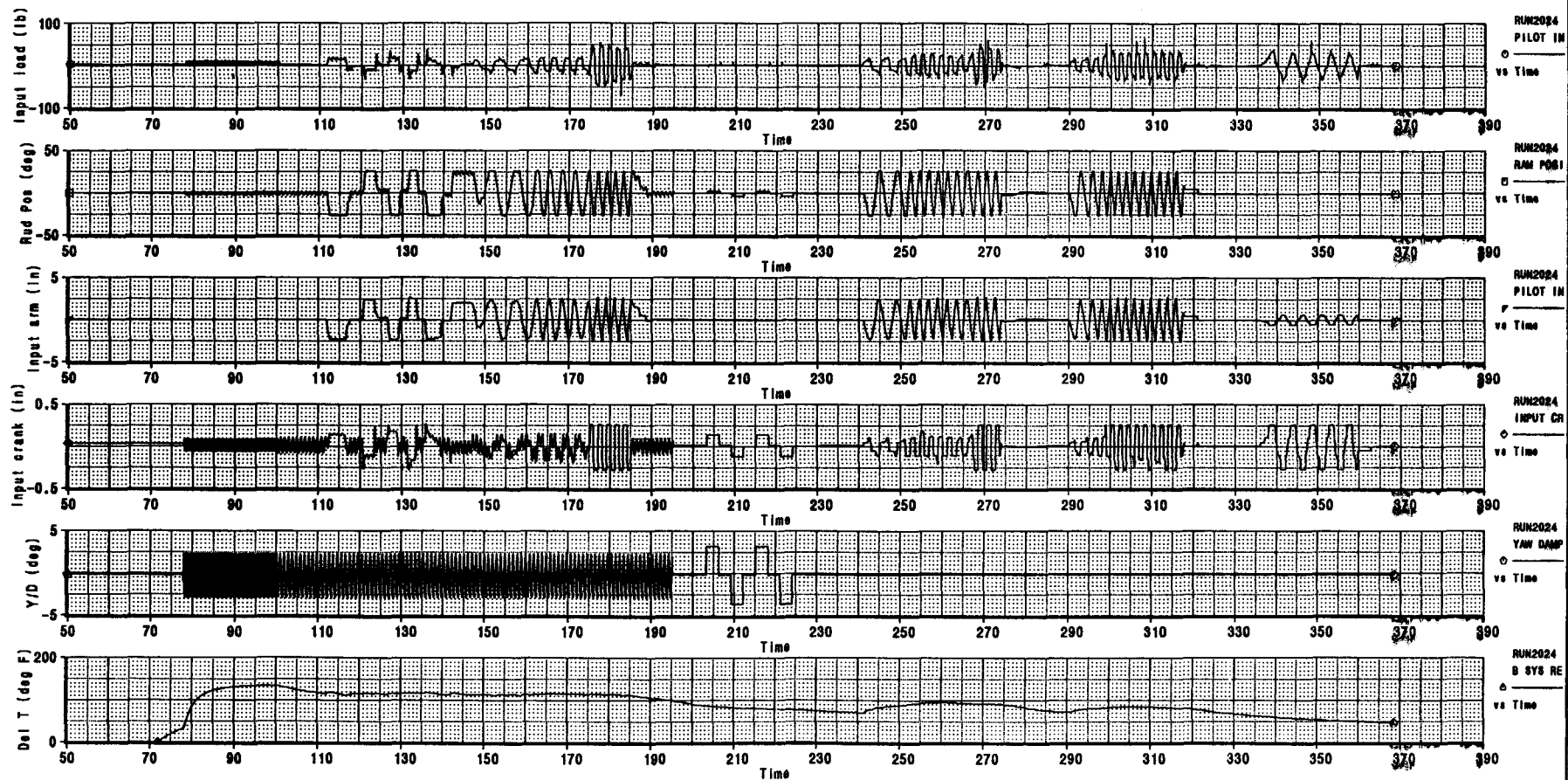
Cond: 427 PCU

Time: 11:19:52.00

Run: RUN2024

MSL/VME-3: DACP 5E007153 G00

Dur(sec): 368.48



Del T = A Sys in temp - PCU POS E

Chamber temp = -27 deg F

CALC	David Wang	21Oct96	REVISED	DATE	737-300 Rudder PCU
CHECK					
APPO.					
APPO.					
					PAGE

427 Unit

Condition F

Cold soaked @ 0°F

BOEING

[A]: /disk/d4/737_thermal/run2024.esb

Mon Oct 21 1996 08:59:17

Test: 737-300 PCU SHOCK TEST

Date: 10/11/96

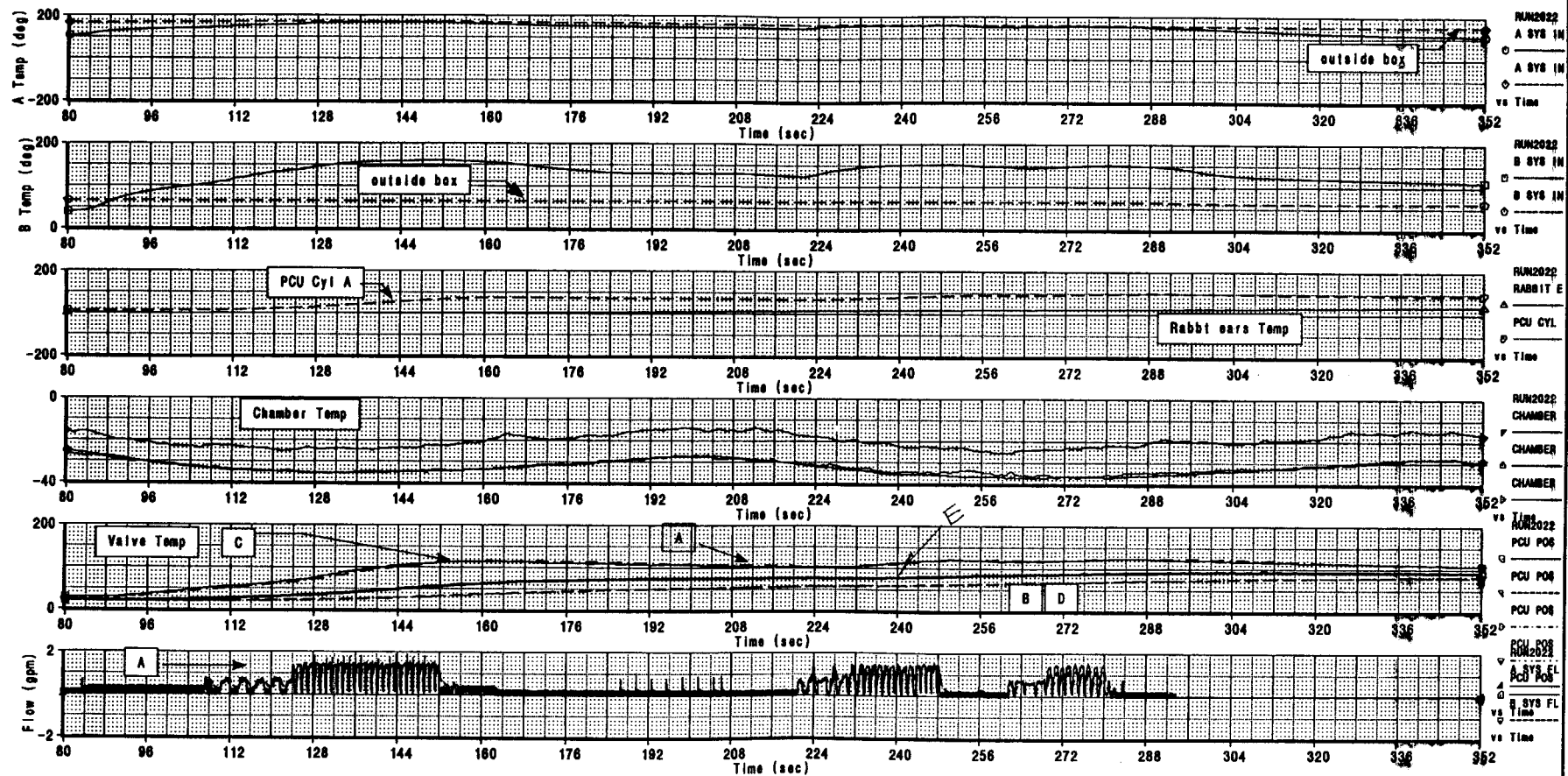
Cond: 427 PCU

Time: 09:53:32.00

Run: RUN2022

MSL/VME-3: DACP 5E007153 G00

Dur(sec): 389.18



CALC	David Wang	21Oct96	REVISED	DATE	Condition E	737-300
CHECK					427 Unit	Rudder PCU
APPRO.					<i>dual hyd overhaul, cold soaked = 0°F</i>	
APPRO.					BOEING	PAGE
PLLOT						

[A]: /disk/d4/737_thermal/run2022.esb

Mon Oct 21 1996 12:45:55

Test: 737-300 PCU SHOCK TEST

Date: 10/11/96

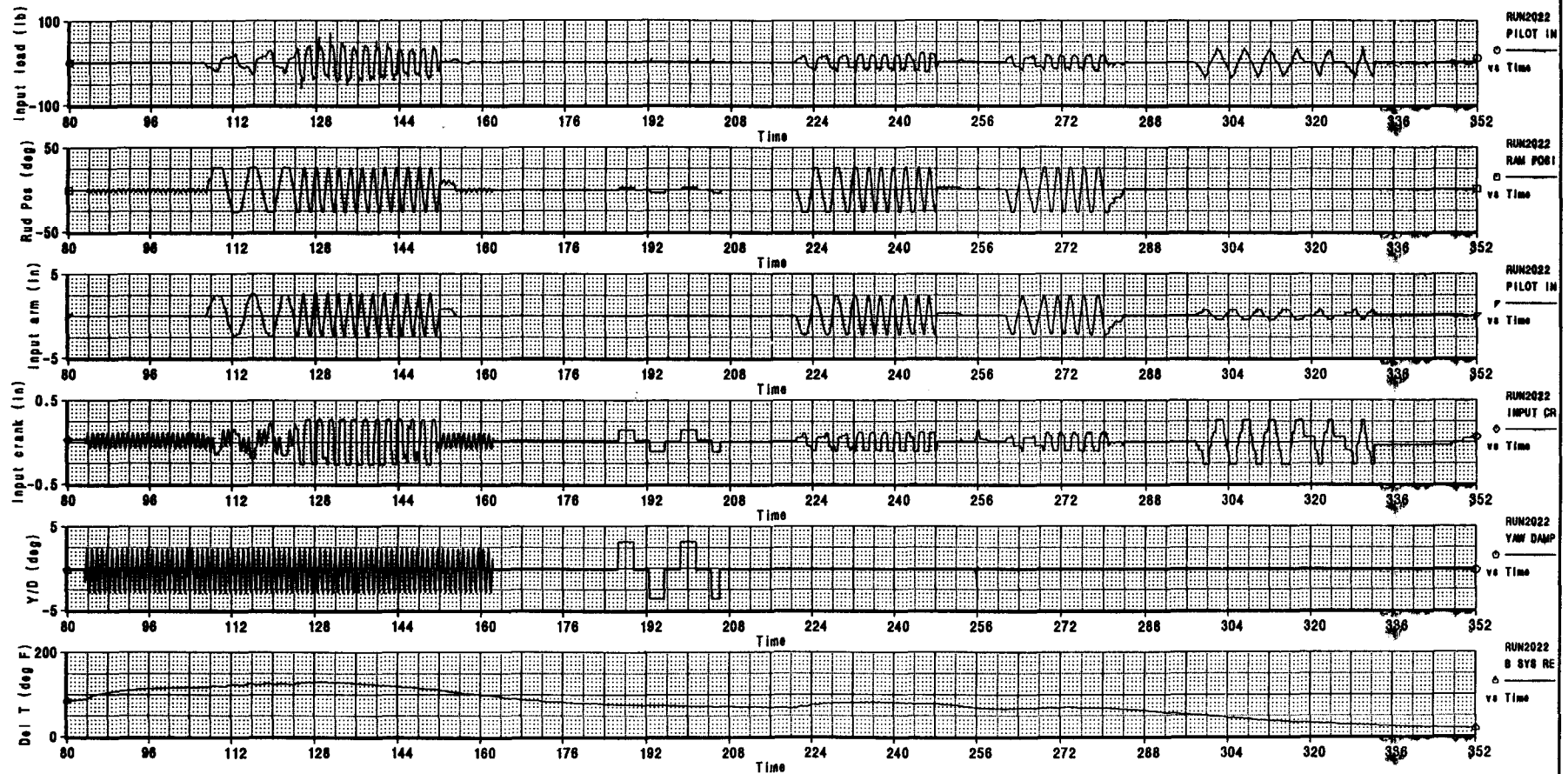
Cond: 427 PCU

Time: 09:53:32.00

Run: RUN2022

MSL/VME-3: DACP 5E007153 G00

Dur(sec): 389.18



Del T = A Sys in temp - PCU POS E

CALC	David Wang	21Oct96	REVISED	DATE	427 Unit	737-300
CHECK					Condition E	Rudder PCU
APPRO.					<i>dual hyd. overheat, cels soaked @ 0°F</i>	
APPRO.					BOEING	PAGE

[A]: /disk/d4/737_thermal/run2022.esb

Mon Oct 21 1996 11:24:21

Test: 737-300 PCU SHOCK TEST

Date: 10/10/96

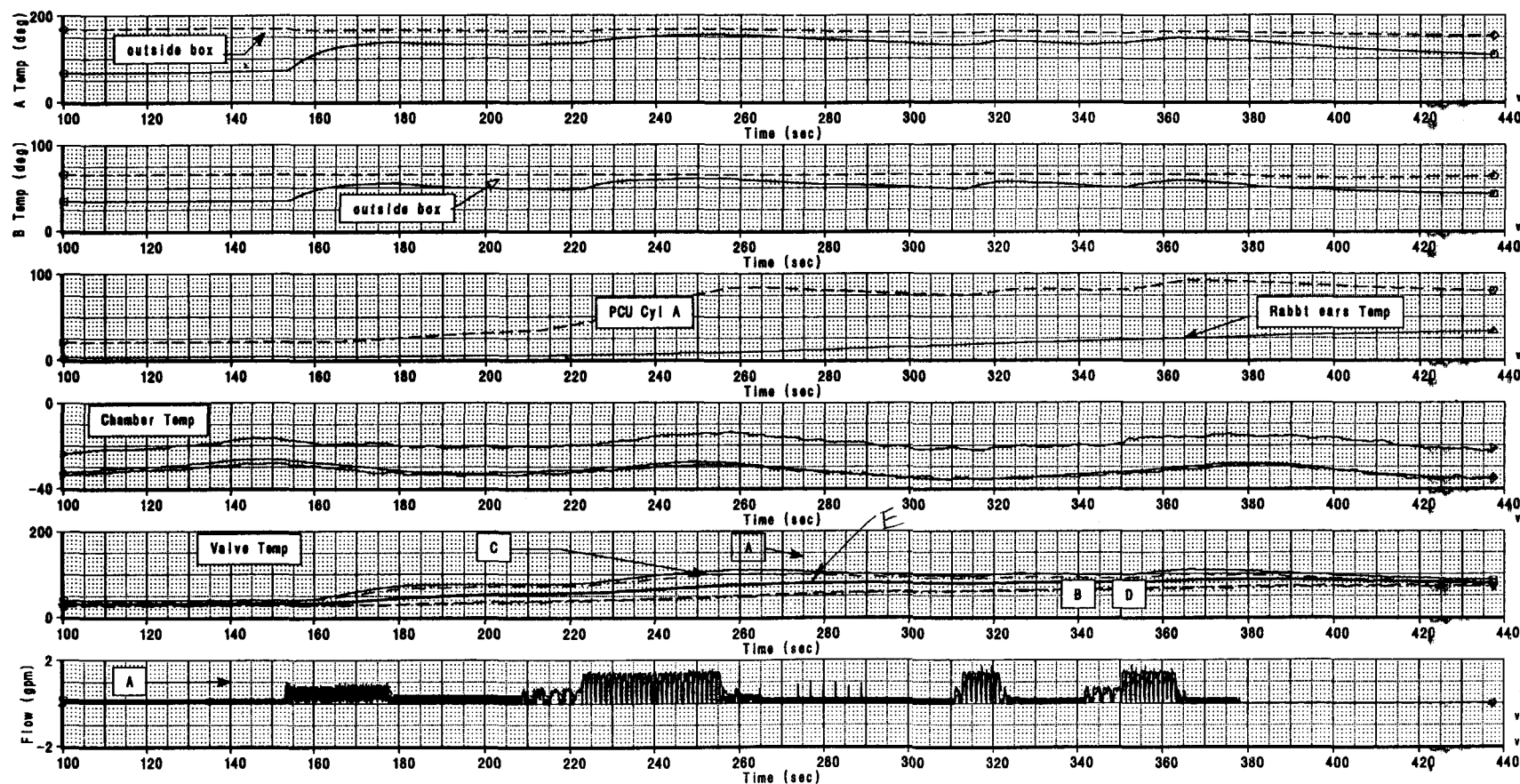
Cond: 427 PCU

Time: 17:50:43.00

Run: RUN2020

MSL/VME-3: DACP 5E007153 G00

Dur(sec): 437.28



RUN2020
A SYS IN
A SYS IN
vs Time
RUN2020
B SYS IN
B SYS IN
vs Time
RUN2020
RABBIT E
PCU CYL
vs Time
RUN2020
CHAMBER
CHAMBER
CHAMBER
vs Time
RUN2020
PCU POS
PCU POS
PCU POS
vs Time
PCU POS
PCU POS
PCU POS
vs Time
PCU POS
PCU POS
PCU POS
vs Time

CALC	David Wang	210c196	REVISED	DATE
CHECK				
APPD.				
APPD.				

427 Unit
Condition D at rabbit ears
only A-sys overhauled, cold soaked C.O.F

BOEING

737-300
Rudder PCU

PAGE

[A]: /disk/d4/737_thermal/run2020.esb

Mon Oct 21 1996 11:06:19

Test: 737-300 PCU SHOCK TEST

Date: 10/10/96

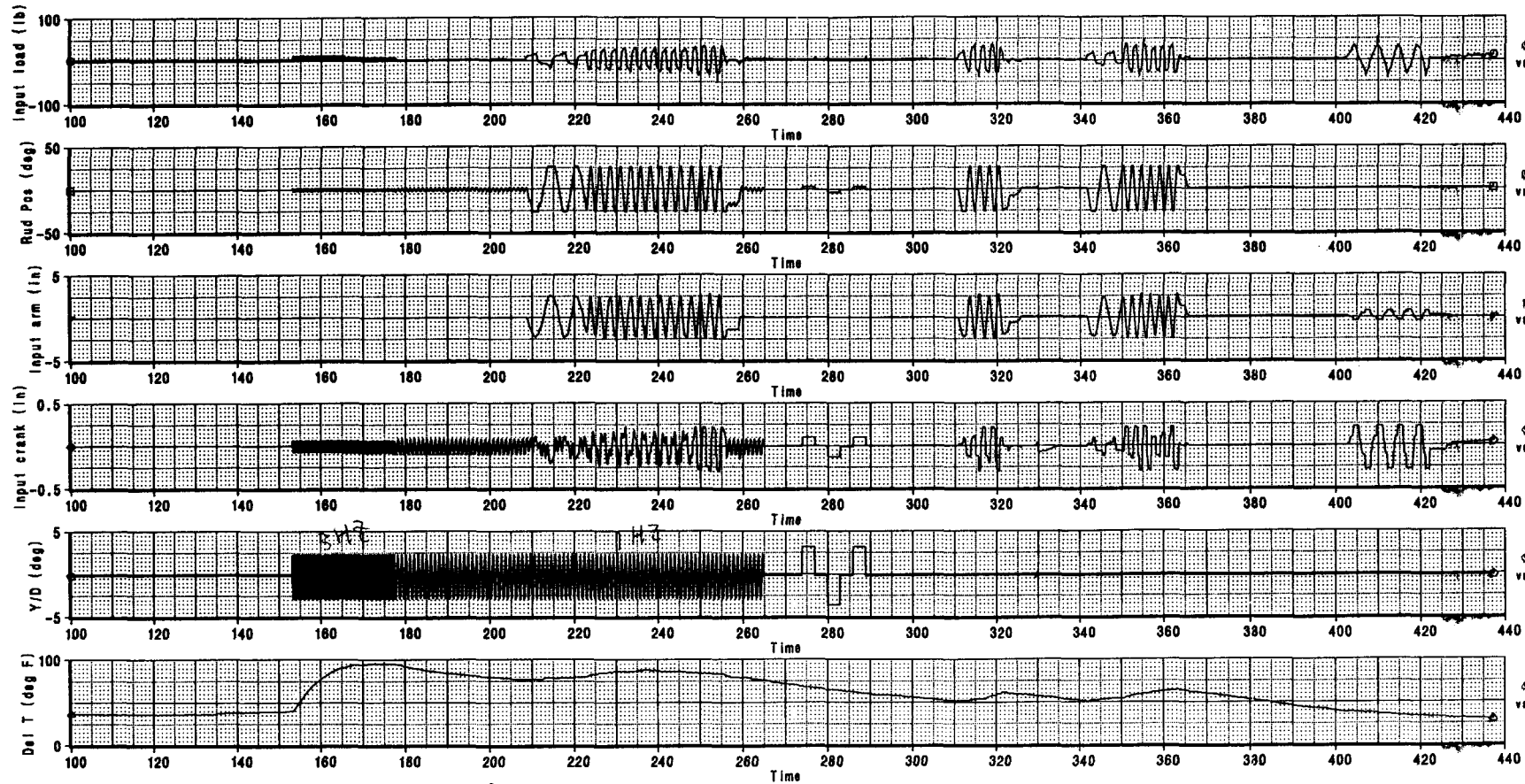
Cond: 427 PCU

Time: 17:50:43.00

Run: RUN2020

MSL/VME-3: DACP 5E007153 G00

Dur(sec): 437.28



RUN2020
PILOT IN
vs Time
RUN2020
RAM POS
vs Time
RUN2020
PILOT IN
vs Time
RUN2020
INPUT CR
vs Time
RUN2020
YAW DAMP
vs Time
RUN2020
B SYS RE
vs Time

Del T = A-sys TEMP inside the cold box - PCU POS E TEMP

CALC	David Wang	21Oct96	REVISED	DATE	Condition D	737-300
CHECK					427 Unit, cold soaked	Rudder PCU
APPD.					only A-sys overheat, Rudder Temp = 0°F	
APPD.					BOEING	PAGE

[A]: /disk/d4/737_thermal/run2020.esb

Mon Oct 21 1996 10:48:25

Test: 737-300 PCU SHOCK TEST

Date: 10/10/96

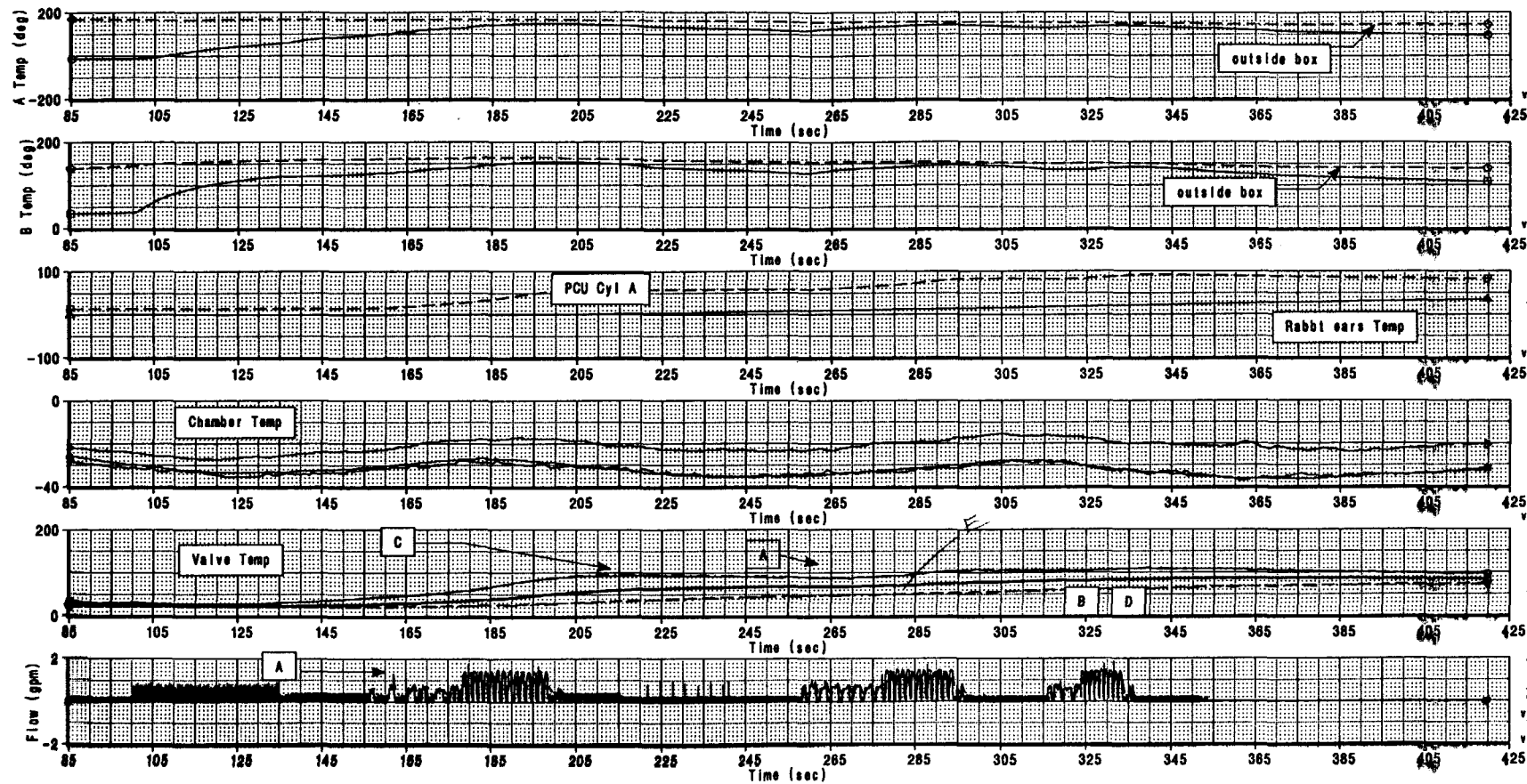
Cond: 427 PCU

Time: 16:04:15.00

Run: RUN2018

MSL/VME-3: DACP 5E007153 G00

Dur(sec): 419.68



RUN2018

A SYS IN

O A SYS IN

vs Time

RUN2018

B SYS IN

O B SYS IN

vs Time

RUN2018

RABBIT E

PCU CYL

vs Time

RUN2018

CHAMBER

CHAMBER

CHAMBER

vs Time

RUN2018

PCU POS

PCU POS

vs Time

PCU POS

PCU POS

vs Time

PCU POS

PCU POS

vs Time

PCU POS

PCU POS

vs Time

CALC	David Wang	21Oct96	REVISED	DATE	Condition C	737-300
CHECK					427 Unit	Rudder PCU
APPRO.					Extreme temp - dual hyd. overheat	
APPRO.					BOEING	PAGE
PLOT	Nancy Merae	18OCT96				

[A]: /disk/d4/737_thermal/run2018.esb

Mon Oct 21 1996 08:17:40

Test: 737-300 PCU SHOCK TEST

Date: 10/10/96

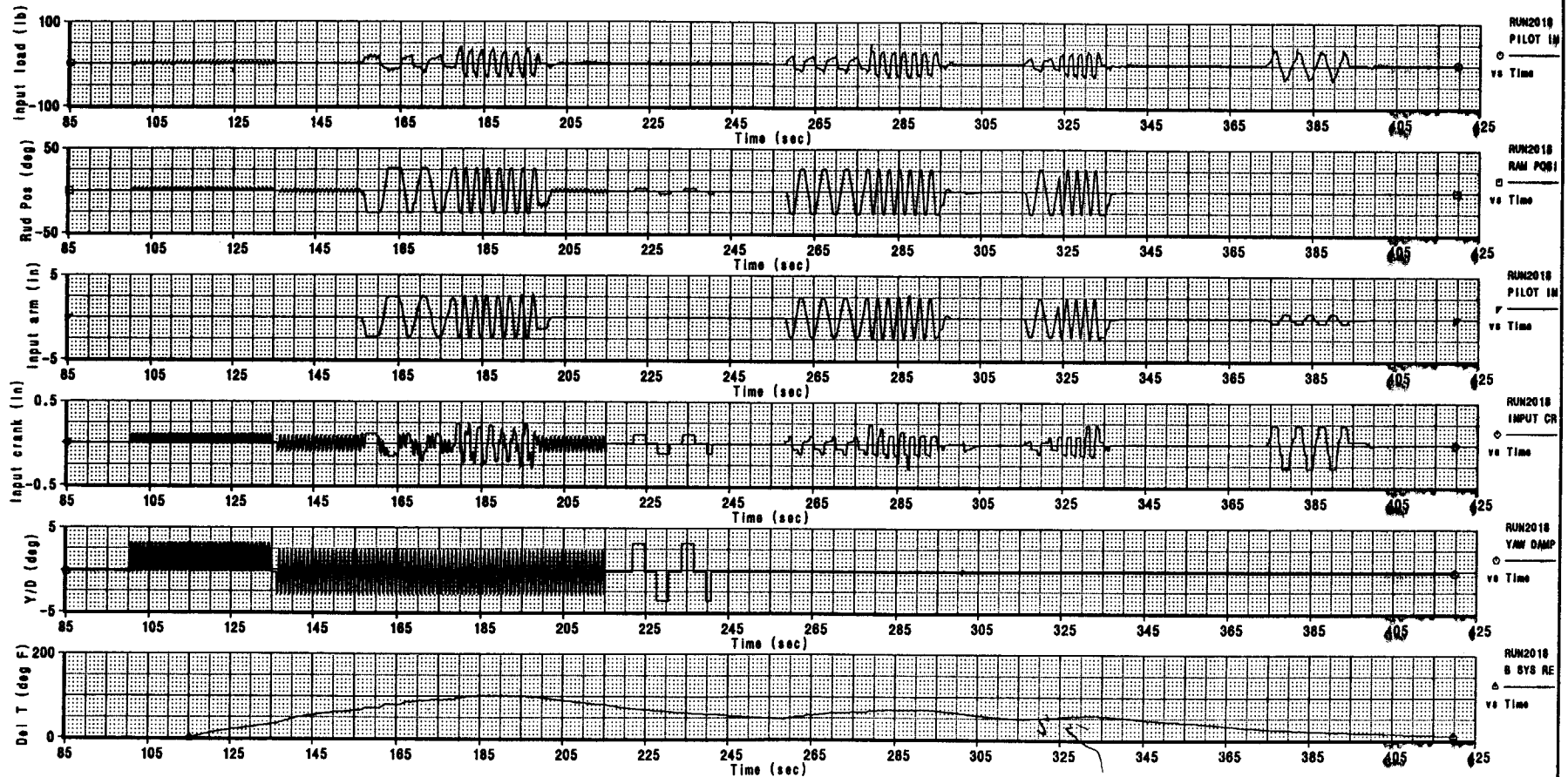
Cond: 427 PCU

Time: 16:04:15.00

Run: RUN2018

MSL/VME-3: DACP 5E007153 G00

Dur(sec): 419.68



Del T = A Sys in temp - PCU Pos E

GAIG	David Wang	19Oct96	REVISED	DATE	Condition C	737-300
CHECK					427 Unit	Rudder PCU
APPRO.					Ext. Ambient Temp - dual Hyd. system	
APPRO.						
PLOT	Maney Moore	19Oct96			BOEING	PAGE

[A]: //laredo/disk/d4/737_thermal/run2018.esb

Sat Oct 19 1996 09:34:03

Test: 737-300 PCU SHOCK TEST

Date: 10/10/86

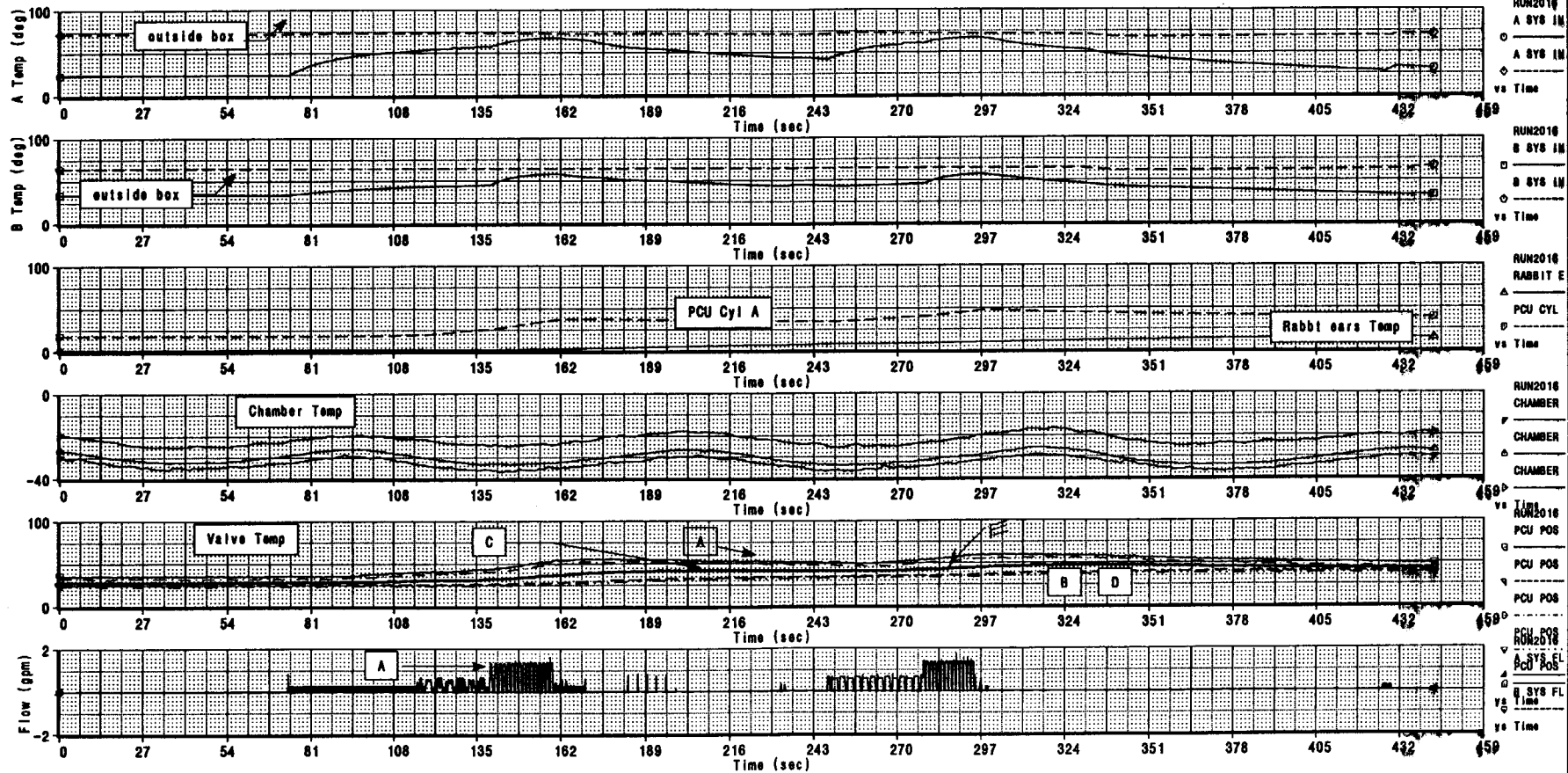
Cond: 427 PCU

Time: 14:32:11.00

Run: RUN2016

MSL/VME-3: DACP 5E007153 G00

Dur(sec): 443.08



CALC	David Wang	19Oct86	REVISED	DATE	Condition B	737-300
CHECK					427 Unit	Rudder PCU
APPD.					<i>normal H₂O</i>	
APPD.					<i>cold soaked 0°F rabbit ears, Temp</i>	
PLOT	Nancy Morse	19OCT86			BOEING	PAGE

[A]: //laredo/disk/d4/737_thermal/run2016.esb

Sat Oct 19 1986 10:39:34

Test: 737-300 PCU SHOCK TEST

Date: 10/10/96

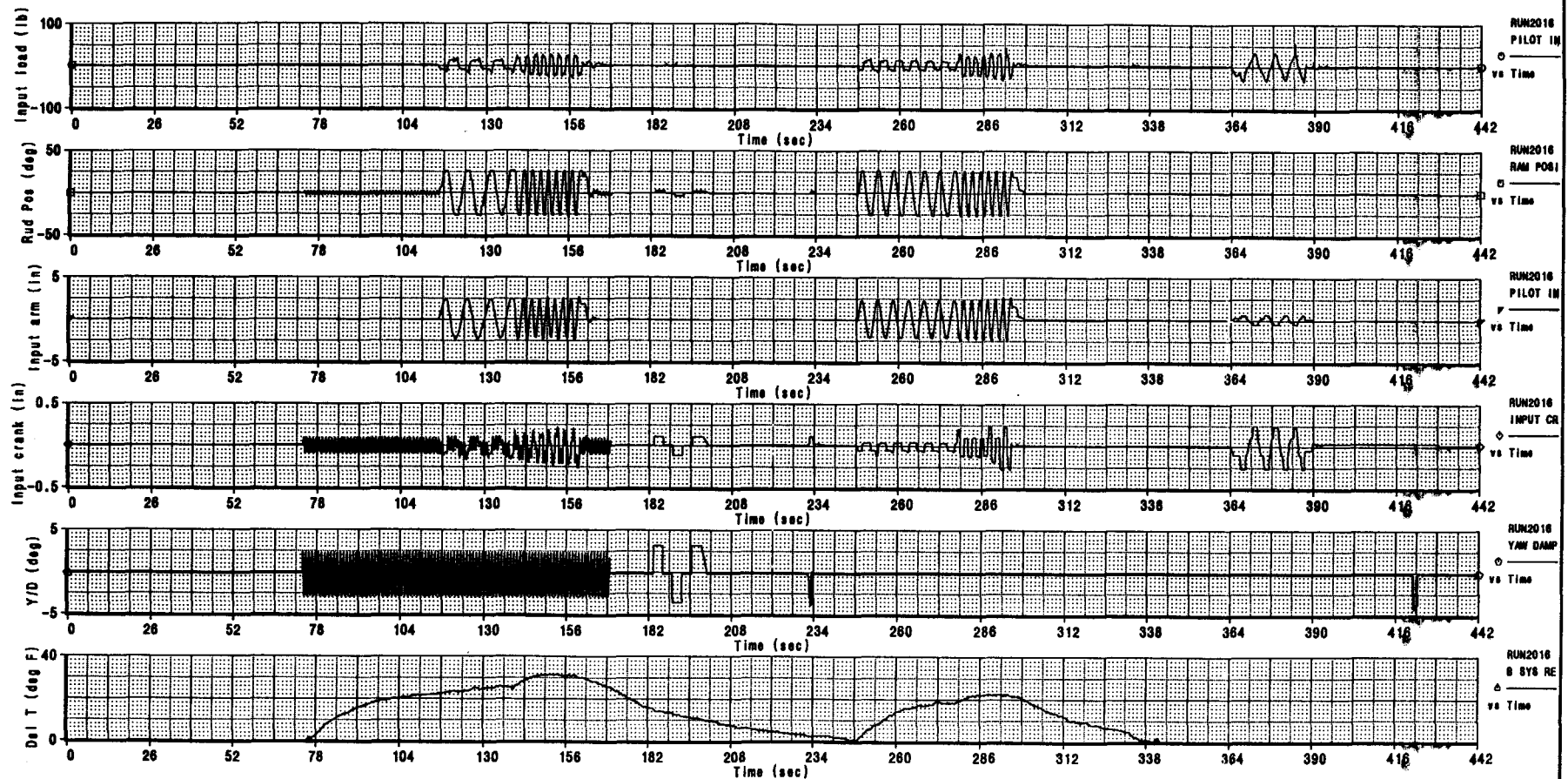
Cond: 427 PCU

Time: 14:32:11.00

Run: RUN2016

MSL/VME-3: DACP 5E007153 G00

Dur(sec): 443.08



Del T = A Sys in temp - PCU Pos E

Calc	David Wang	19Oct96	REVISED	DATE	Condition B	737-300
Check					427 Unit	Rudder PCU
Appo.					<i>Normal Hyd.</i>	
Appo.					<i>Cold soaked 0°F e Rudder ears, temp</i>	
Plot	Nancy Moran	19Oct96			BOEING	PAGE

[A]: //larado/disk/d4/737_thermal/run2016.esb

State File: //larado/disk/d4/737_thermal/run2016.pcu_2.1.peg

Sat Oct 19 1996 08:43:58

Test: 737-300 PCU SHOCK TEST

Date: 10/10/98

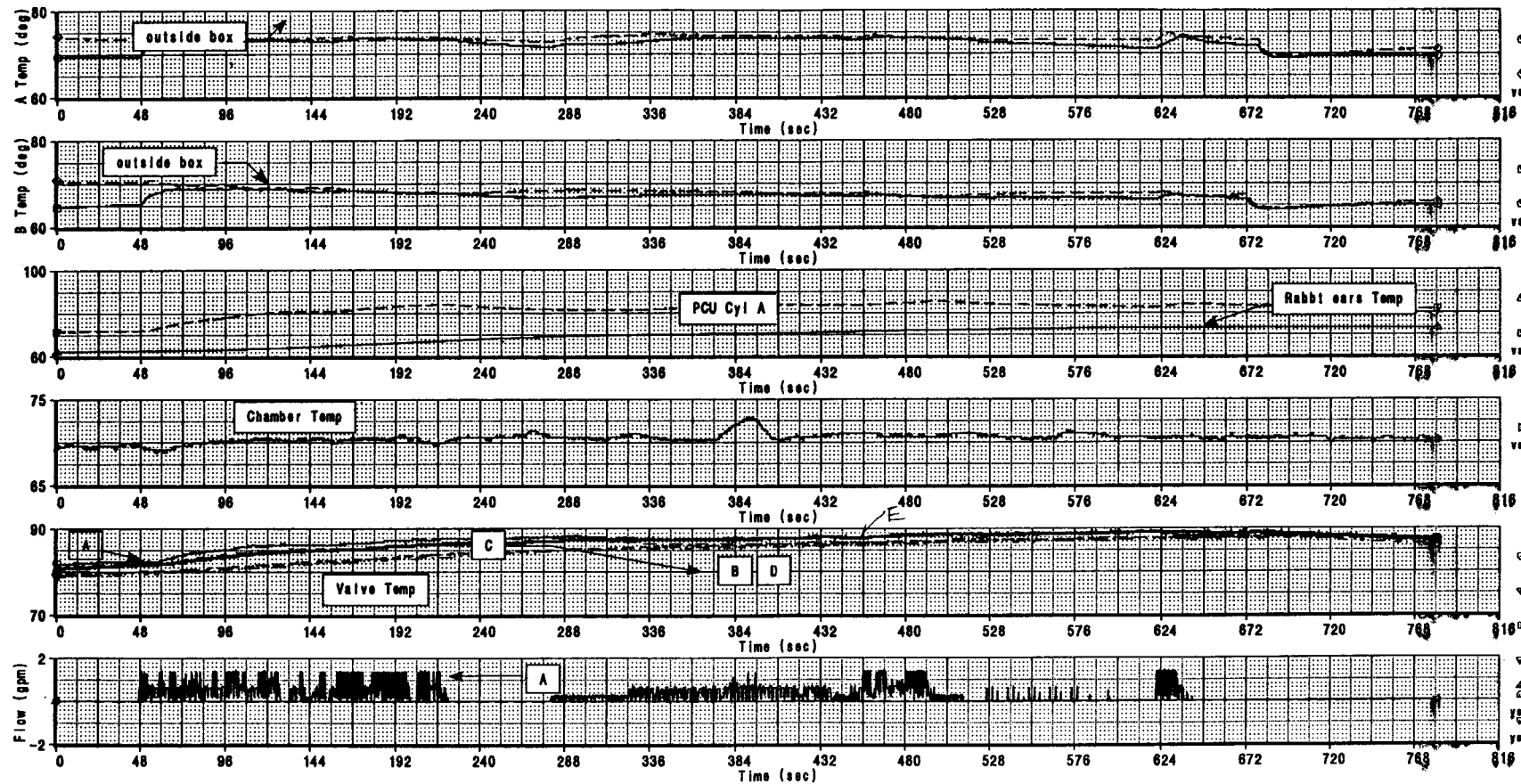
Cond: 427 PCU

Time: 13:05:20.00

Run: RUN2015

MSL/VME-3: DACP 5E007153 G00

Dur(sec): 780.78



RUN2015

A SYS IM

A SYS IM

vs Time

Time

Time

Time

Time

Time

Time

Time

Time

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CALC	David Wang	18Oct98	REVISED	DATE
CHECK				
APPD.				
APPD.				
PLOT	Nancy Mera	18OCT98		

Condition A
427 Unit
Ambient Temp. did not heat A&B
BOEING

737-300 Rudder PCU
PAGE

[A]: //laredo/disk/d4/737_thermal/run2015.esb

Fri Oct 18 1998 17:21:40

Test: 737-300 PCU SHOCK TEST

Date: 10/10/96

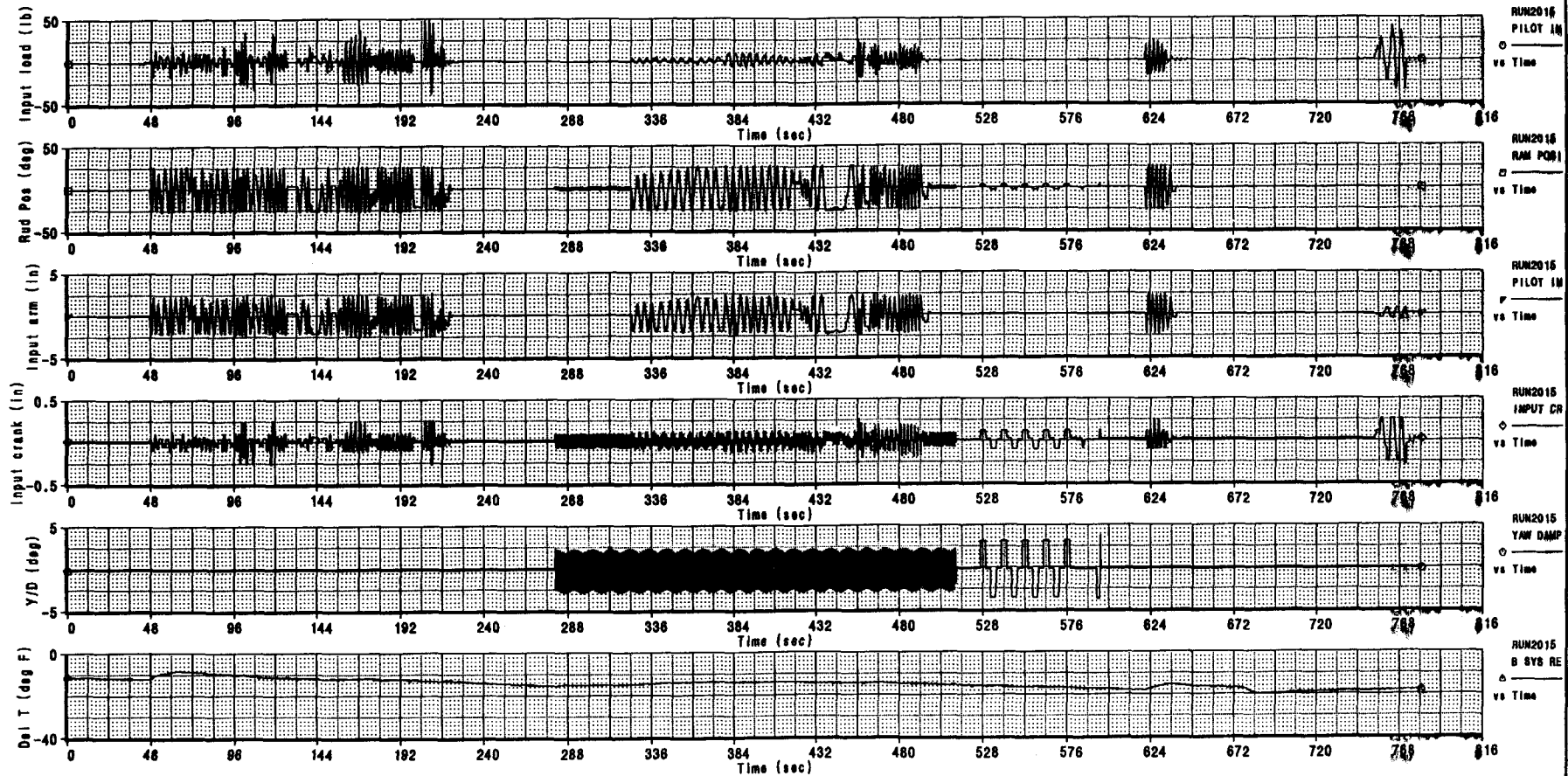
Cond: 427 PCU

Time: 13:05:20.00

Run: RUN2015

MSL/VME-3: DACP 5E007153 G00

Dur(sec): 780.78



Del T = A Sys in temp - PCU POS E

CALC	David Wang	19Oct1996	REVISED	DATE	Condition A	737-300
CHECK					427 Unit	Rudder PCU
APPRO.					Ambient Temp. did not heat A/B	
APPRO.					BOEING	PAGE
PLOT	Nancy Morse	19OCT1996				

[A]: //larado/disk/d4/737_thermal/run2015.esb

Sat Oct 19 1996 09:48:03

Test: 737-300 PCU SHOCK TEST

Date: 10/09/96

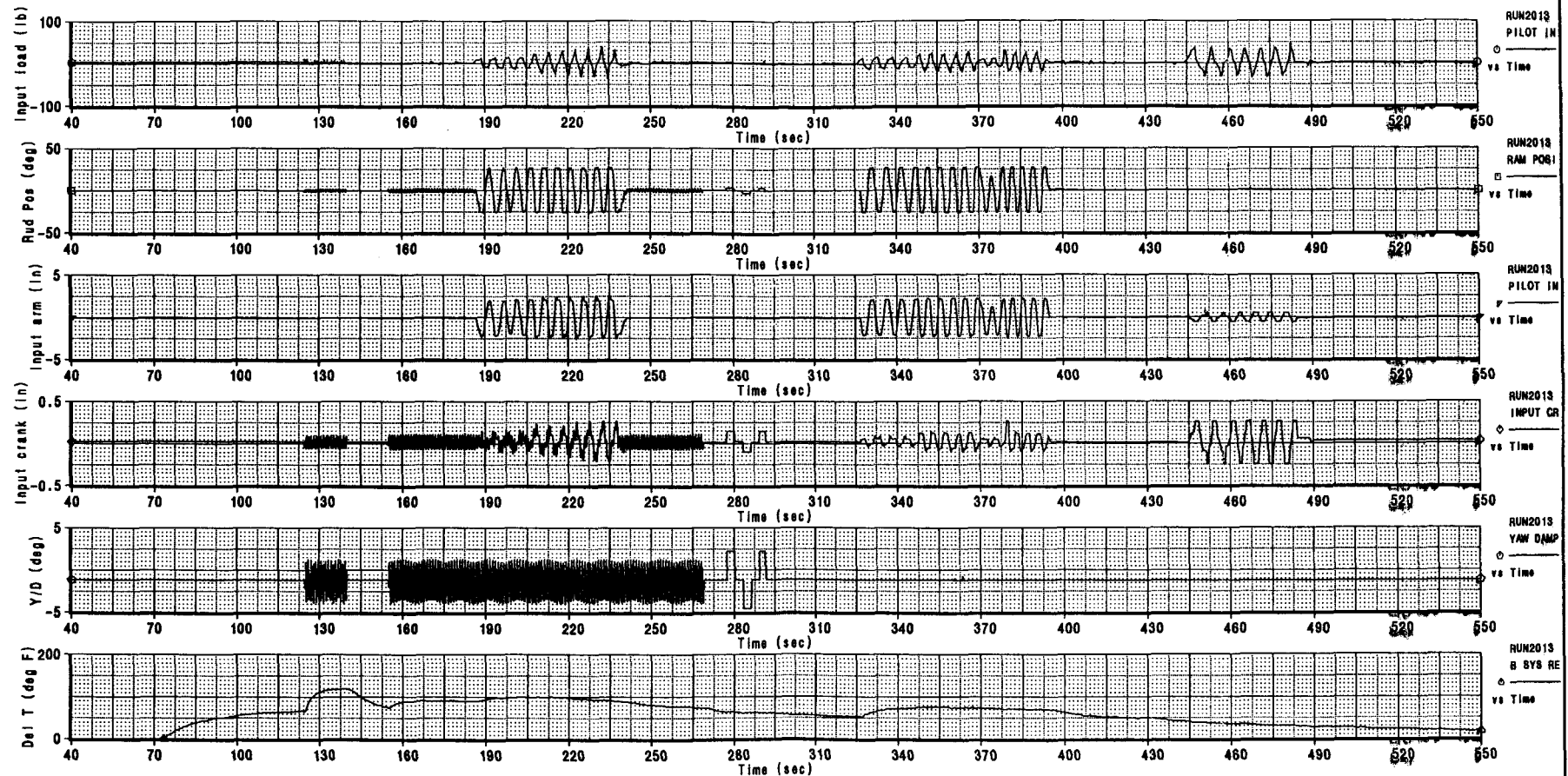
Cond:

Time: 17:01:54.00

Run: RUN2013

MSL/VME-3: DACP 5E007153 G00

Dur(sec): 553.48



Del T = A Sys in temp - PCU POS E

CALC	David Wang	210c196	REVISED	DATE	Condition F	737-300
CHECK					Production Unit	Rudder PCU
APPO.					only A sys over heated, Rudder Fms = 0°F	
APPO.					BOEING	PAGE
PLOT	David Wang	294-7952				

[A]: /disk/d4/737_thermal/run2013.esb

Mon Oct 21 1996 16:33:35

Test: 737-300 PCU SHOCK TEST

Cond:

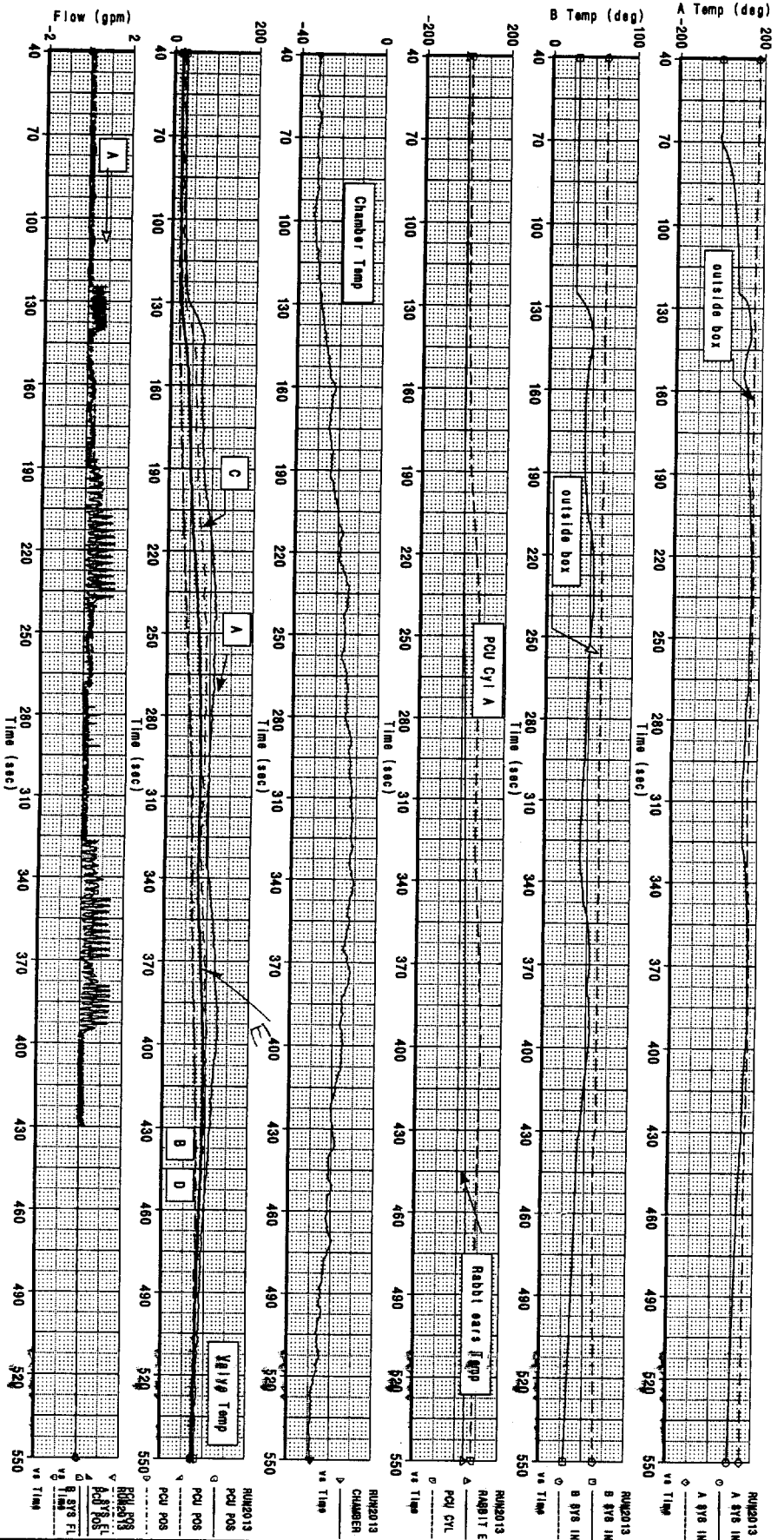
Run: RUN2013

MSL/VME-3: DACP SE007153 G00

Date: 10/09/96

Time: 17:01:54.00

Duration: 553.48



DATE	David Wang	2/10/196	REVIEWED	DATE	
CHICK					
APPRO					
APPRO					
PLOT	David Wang	10/09/96			

Condition F
Production Unit
only A-systems, Rabbit ears = 0°F
BOEING

[A]: /disk/d4/737_therma/run2013.esh

Mon Oct 21 1996 16:38:01

Test: 737-300 PCU SHOCK TEST

Date: 10/10/96

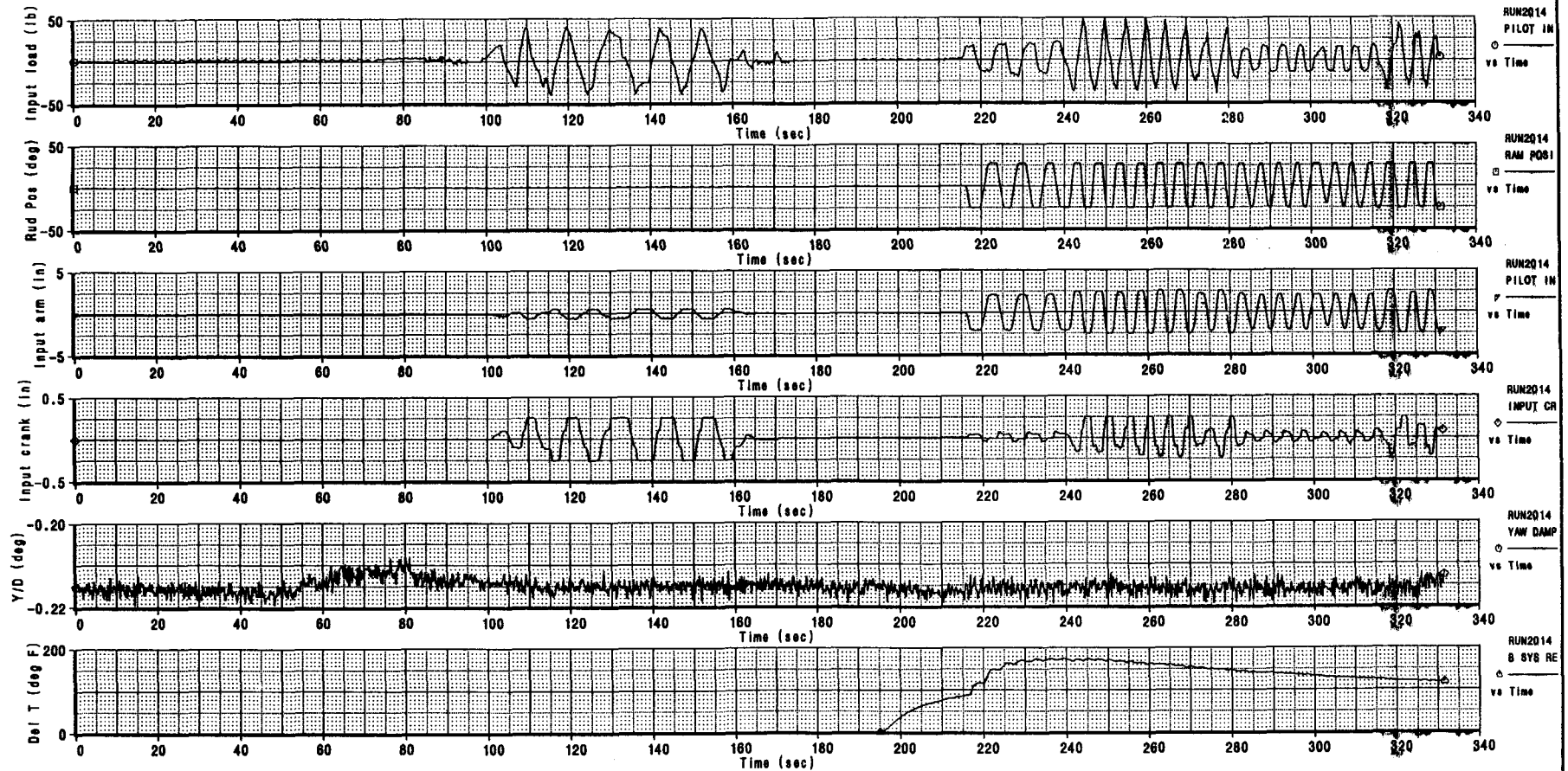
Cond:

Time: 09:24:36.00

Run: RUN2014

MSL/VME-3: DACP 5E007153 G00

Dur(sec): 331.58



Del T = A Sys in temp - PCU POS E

CALC	David Wang	21Oct96	REVISED	DATE	Condition G	737-300
CHECK					Production Unit, Head A only	Rudder PCU
APPO.					Compare Simulation, Cold soaked @ -40°F	
APPO.						PAGE
PLOT	David Wang	294-7952			BOEING	

[A]: /disk/d4/737_thermal/run2014.esb

Mon Oct 21 1996 15:40:26

Test: 737-300 PCU SHOCK TEST

Cond:

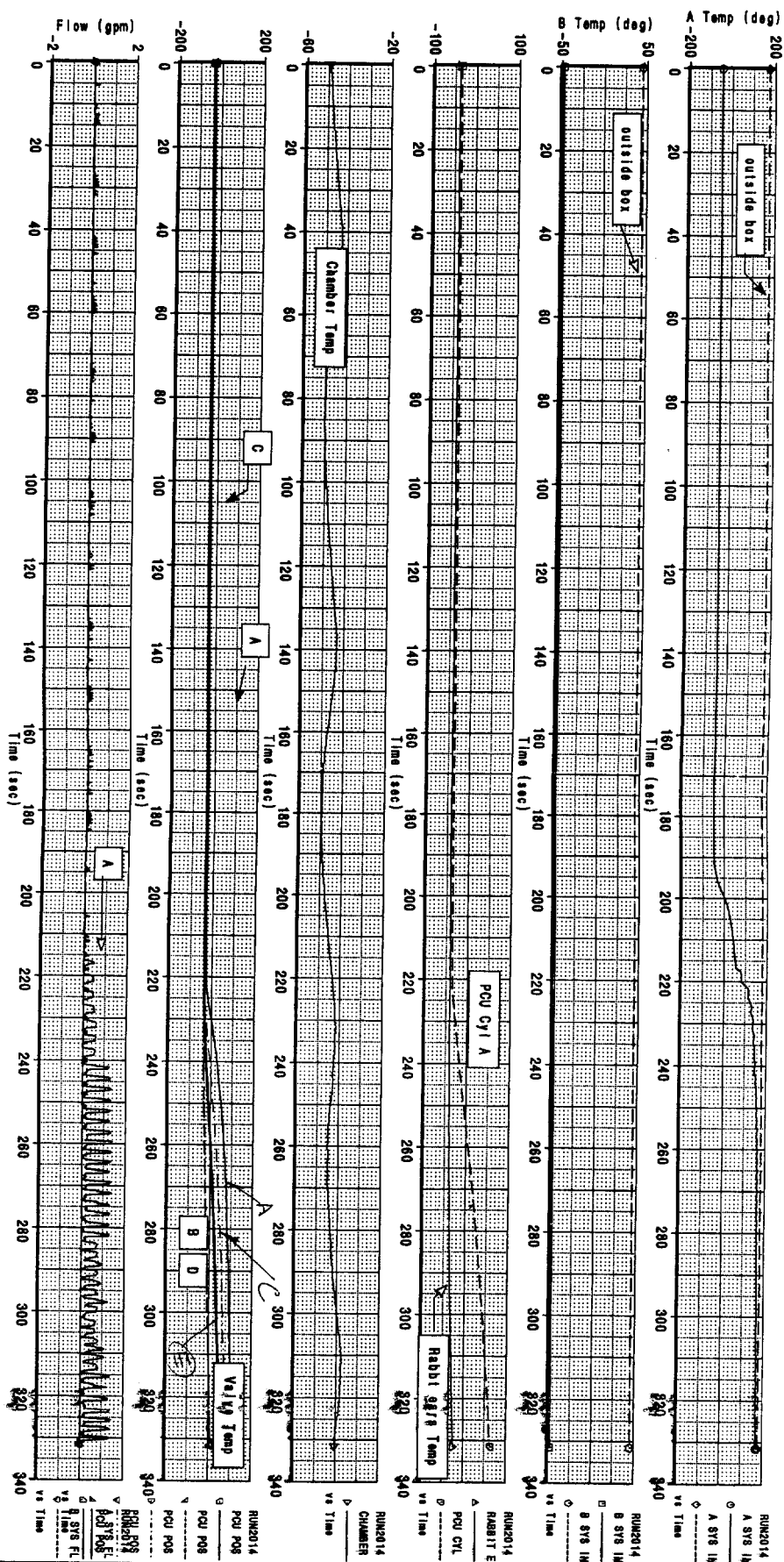
Run: RUN2014

MSL/VME-3: DACP 6507153 G00

Date: 10/10/96

Time: 09:24:36.00

Duration: 331.56



DATE	DAVID WING	230C186	REVIEWED	DATE	
CHECK					
APPRO.					
PILOT	DAVID WING	180C186			

Condition G
Production Unit: Hawk A only
Canyon Simulation Cold soak = -42°F

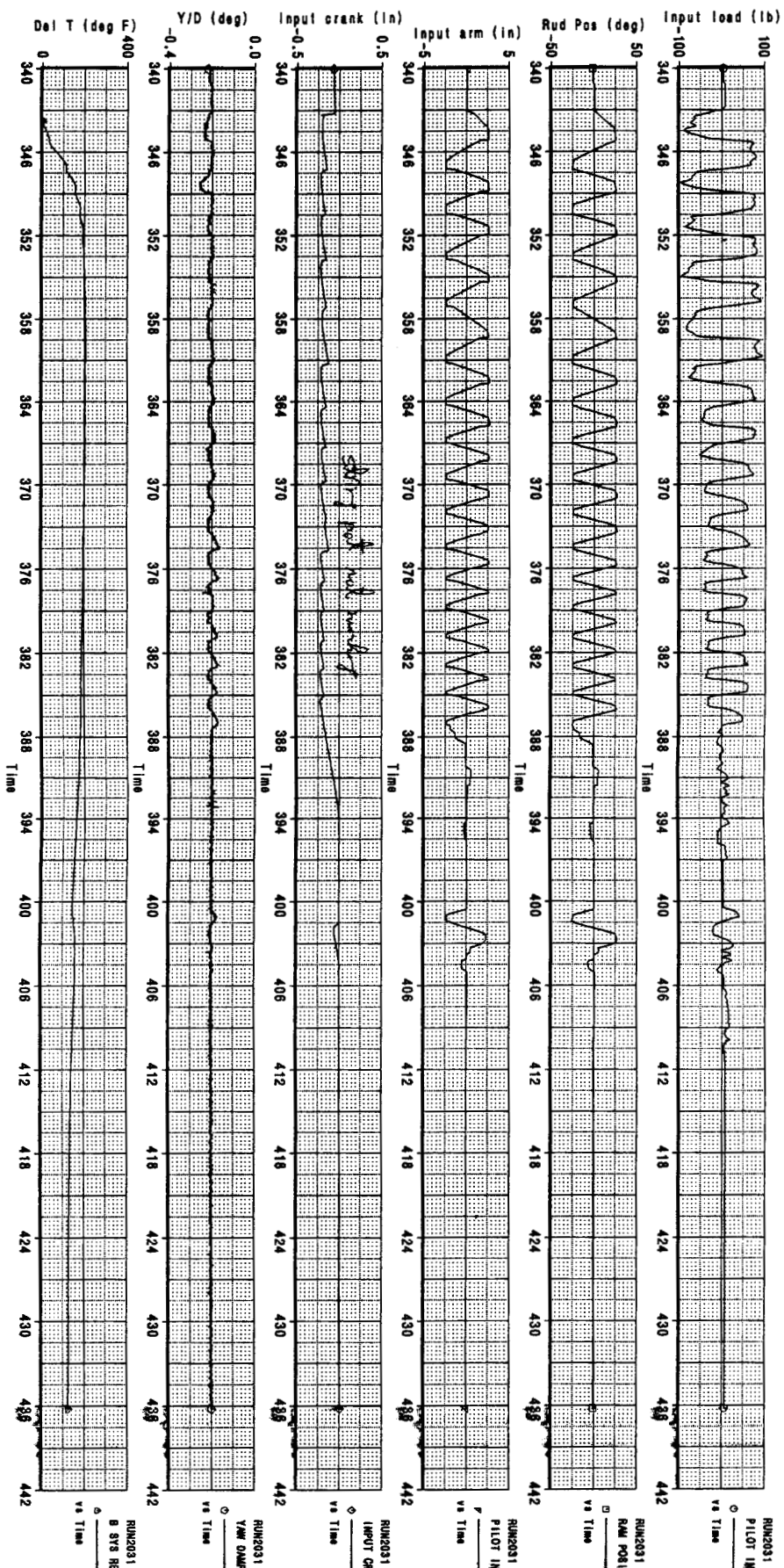
BOEING

PAGE

[A]: /disk/d4/737_thermal/run2014.esh

Mon Oct 21 1996 15:43:44

Test: 737-300 PCU SHOCK TEST
 Cond: PRODUCTION PCU
 Run: RUN2031 MSU/VME-3: DACP 5E07153 607
 Date: 10/12/96
 Time: 09:09:36.00
 Dur (sec): 436.18



Del T - A system temp inside the cold box - PCU POS E Temp

DATE	TIME	REVIEWED	DATE
DAVID WARR	1800148		
CHICK			
APR.			
APR.			

Condition H, Cold soaked
 Production Unit @ -60°F
 737-300
 Rudder PCU
 BOEING
 PAME
 [A]: /disk/d4/737_thermal/run2031.ossb
 Fri Oct 18 1996 16:22:24

Test: 737-300 PCU SHOCK TEST

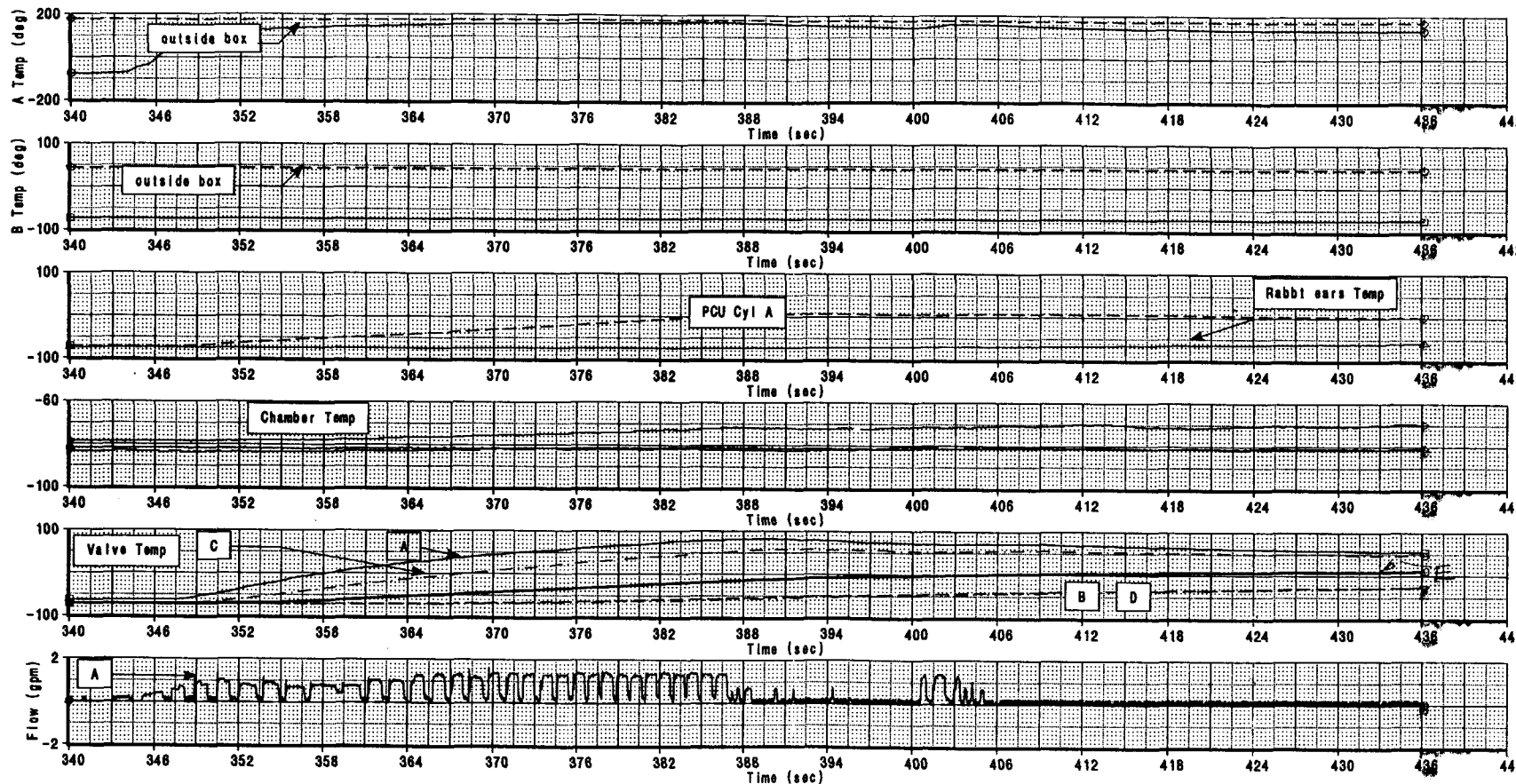
Date: 10/12/96

Cond: PRODUCTION PCU

Time: 09:09:36.00

Run: RUN2031 MSL/VME-3: DACP 5E007153 G07

Dur(sec): 436.18



RUN2031
A SYS IN
A SYS IN
vs Time
RUN2031
B SYS IN
B SYS IN
vs Time
RUN2031
RABBIT E
PCU CYL
vs Time
RUN2031
CHAMBER
CHAMBER
CHAMBER
vs Time
RUN2031
PCU POS
PCU POS
PCU POS
vs Time
RUN2031
PCU POS
PCU POS
PCU POS
vs Time
RUN2031
PCU POS
PCU POS
PCU POS
vs Time

CALC	David Wang	18Oct96	REVISED	DATE	Condition H, cold soaked to -60deg F	737-300 Rudder PCU
CHECK					Production Unit	
APPRO.						
APPRO.						
						PAGE

BOEING

[A]: /disk/d4/737_thermal/run2031.esb

Fri Oct 18 1996 16:29:15

Test: 737-300 PCU SHOCK TEST

Date: 10/12/96

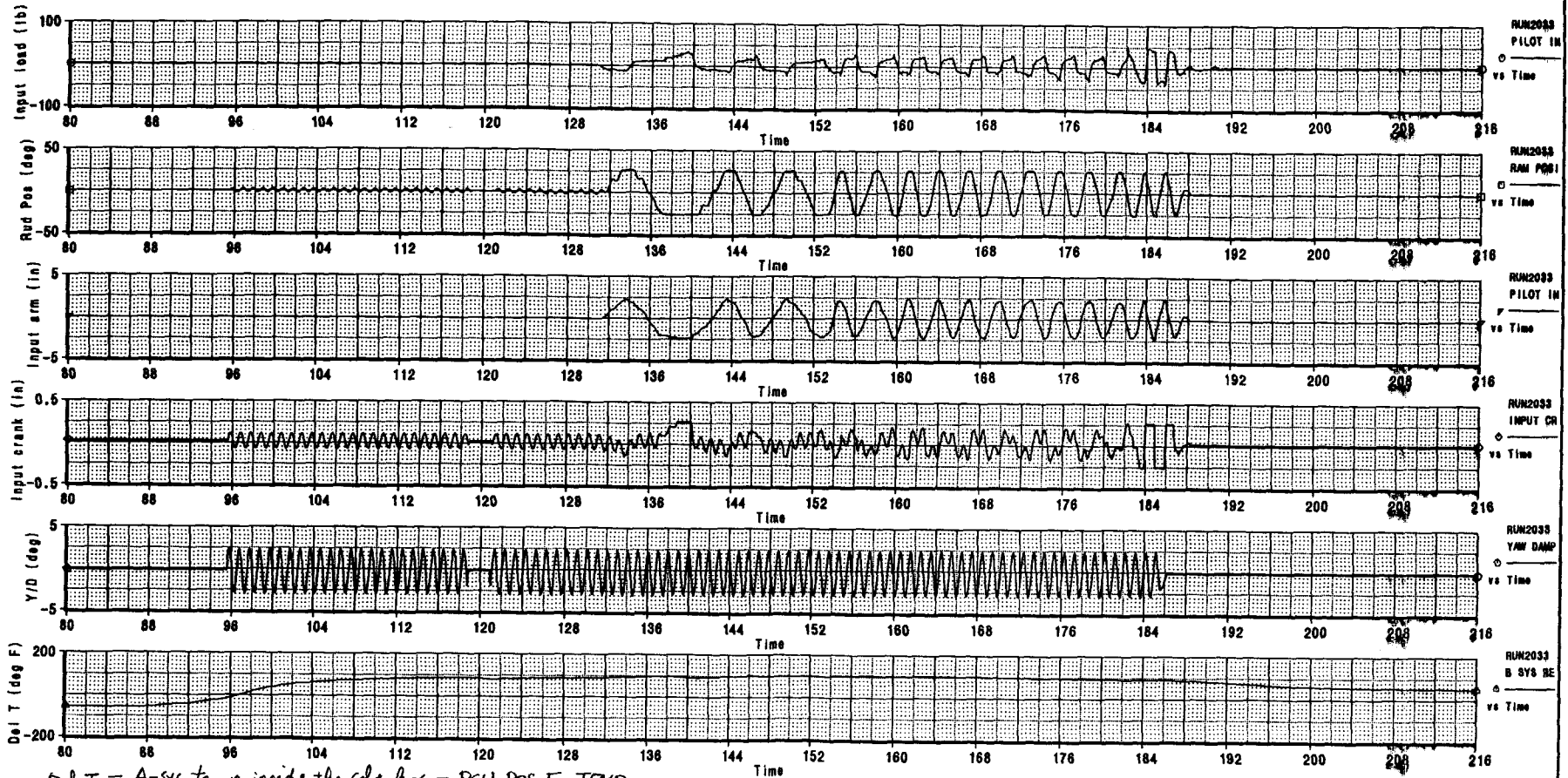
Cond: 427 PCU

Time: 12:53:32.00

Run: RUN2033

MSL/VME-3: DACP 5E007153 G07

Dur(sec): 540.38



Del T = A-sys temp inside the cold box - PCU POS E TEMP

CALC	David Wang	19Oct96	REVISED	DATE	427 Unit	737-300
CHECK					Condition K	Rudder PCU
APPD.					<i>cold soaked 80°F at Rabbit Ears</i>	
APPD.					BOEING	PAGE

[A]: /disk/d4/737_thermal/test.msb

Fri Oct 18 1996 09:08:04

Test: 737-300 PCU SHOCK TEST

Date: 10/12/98

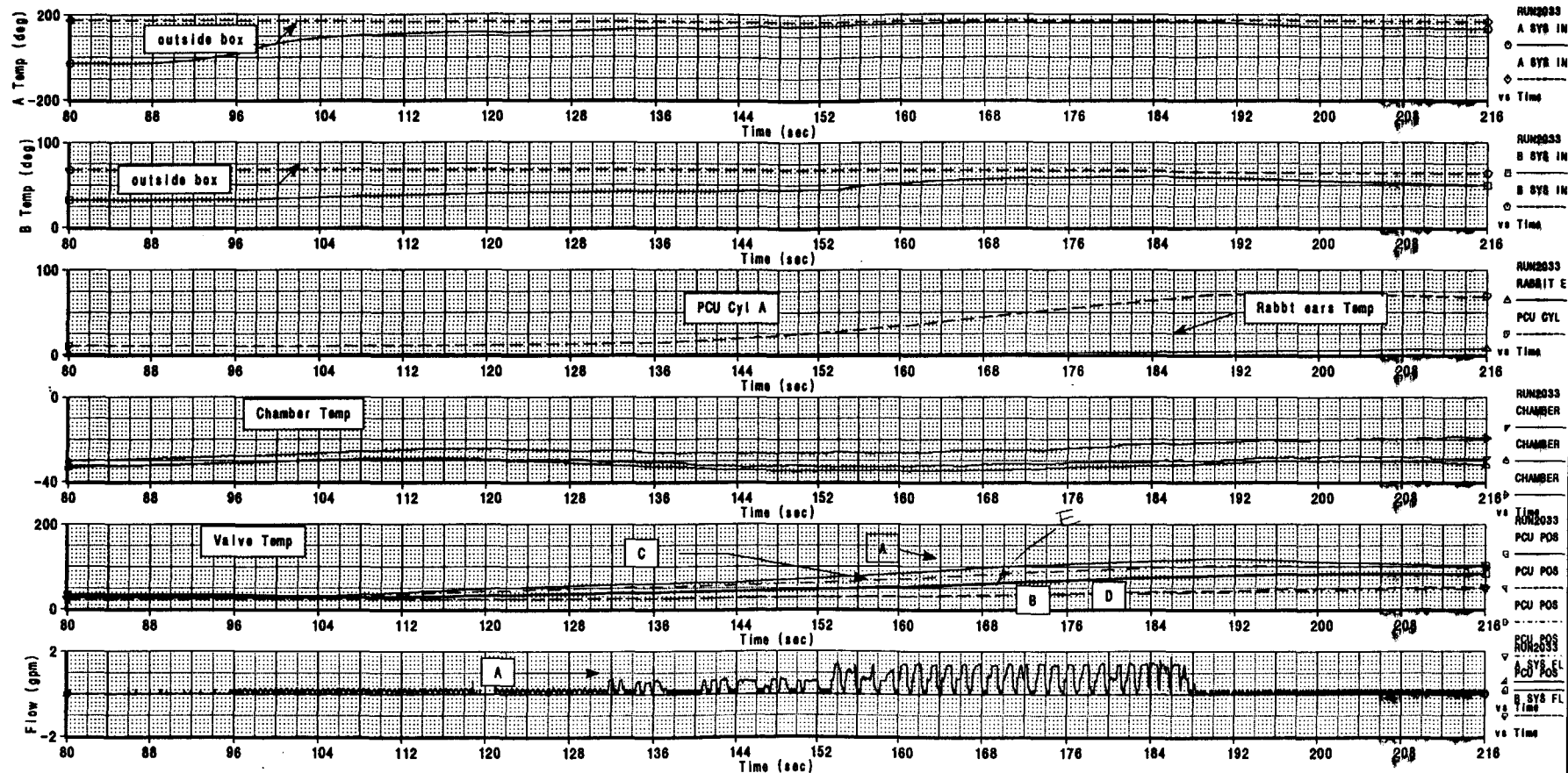
Cond: 427 PCU

Time: 12:53:32.00

Run: RUN2033

MSL/VME-3: DACP 5E007153 G07

Dur(sec): 540.38



CALC	David Wang	18Oct98	REVISED	DATE	427 Unit	737-300
CHECK					Condition K	Rudder PCU
APPRO.					<i>add soaked @ 0°F at Rabbit Ears</i>	
APPRO.					BOEING	PAGE

[A]: /disk/d4/737_thermal/test.esb

Fri Oct 18 1996 09:44:54

Test: 737-300 PCU SHOCK TEST

Date: 10/12/96

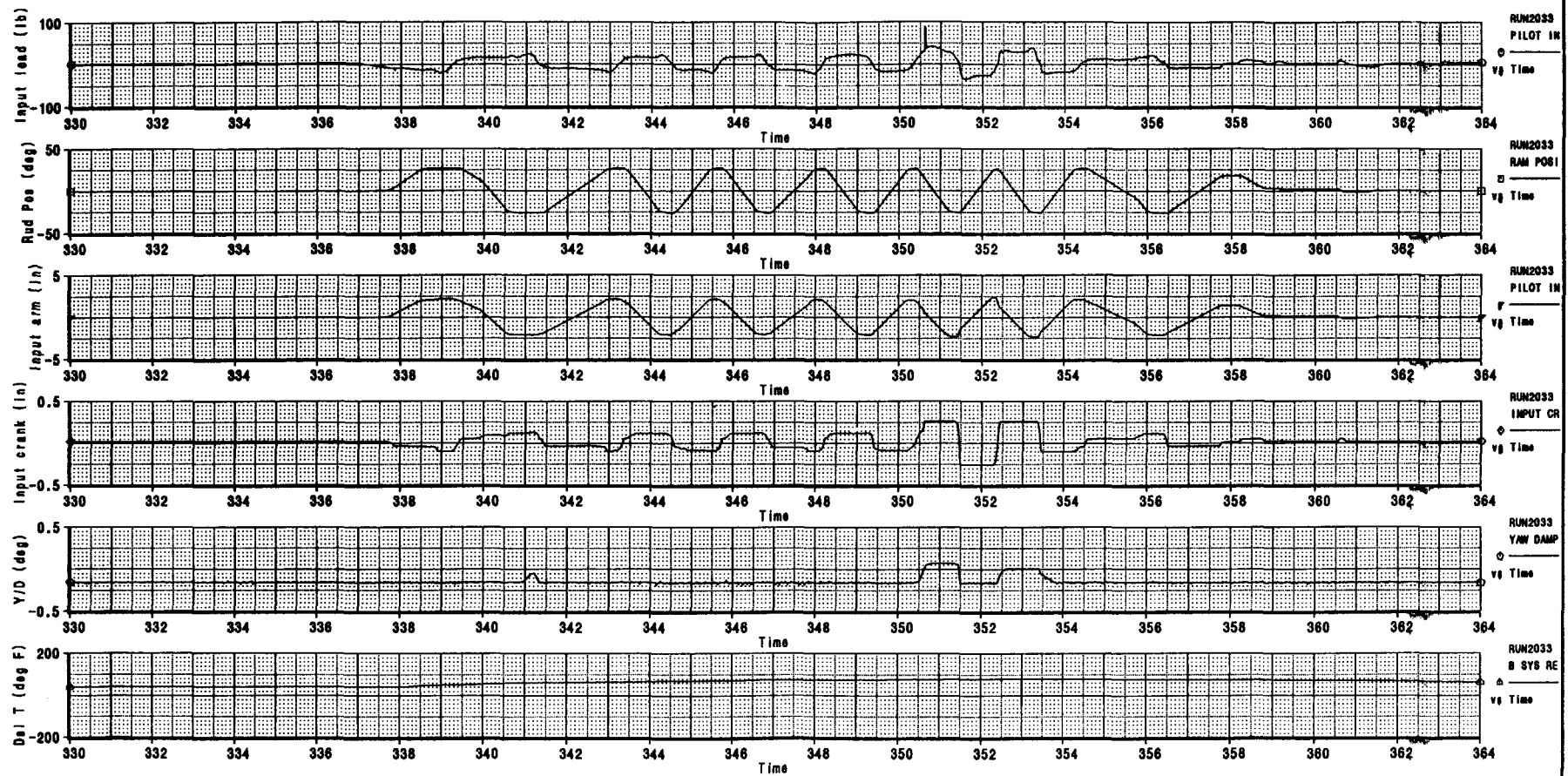
Cond: 427 PCU

Time: 12:53:32.00

Run: RUN2033

MSL/VME-3: DACP 5E007153 G07

Dur(sec): 540.38



CHLC	David Wang	18Oct96	REVISED	DATE	427 Unit	737-300
CHECK					Condition K	Rudder PCU
APPRO.					<i>Colo. Stephen C. O'Leary F. C. Rabbit Ears</i>	
APPRO.					BOEING	PAGE

[A]: /disk/d4/737_thermal/test.esb

Fri Oct 18 1996 09:28:30

Test: 737-300 PCU SHOCK TEST

Date: 10/12/96

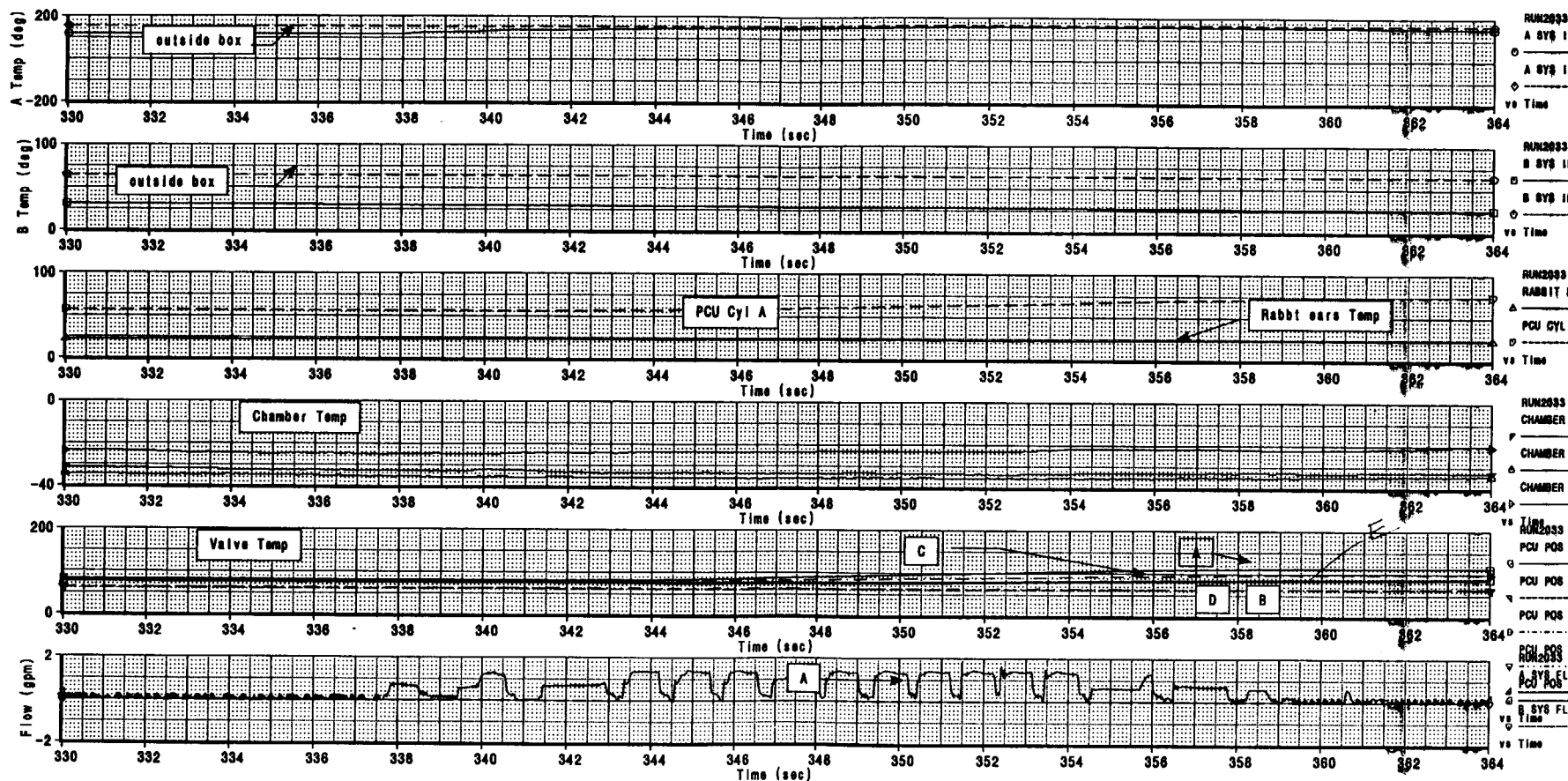
Cond: 427 PCU

Time: 12:53:32.00

Run: RUN2033

MSL/VME-3: DACP 5E007153 G07

Dur(sec): 540.38



CALC	David Wang	18Oct96	REVISED	DATE	427 Unit	737-300
CHECK					Condition K	Rudder PCU
APPRO.						
APPRO.						PAGE

BOEING

[A]: /disk/d4/737_thermal/test.eab

Fri Oct 18 1996 10:25:11

Cond:

Run

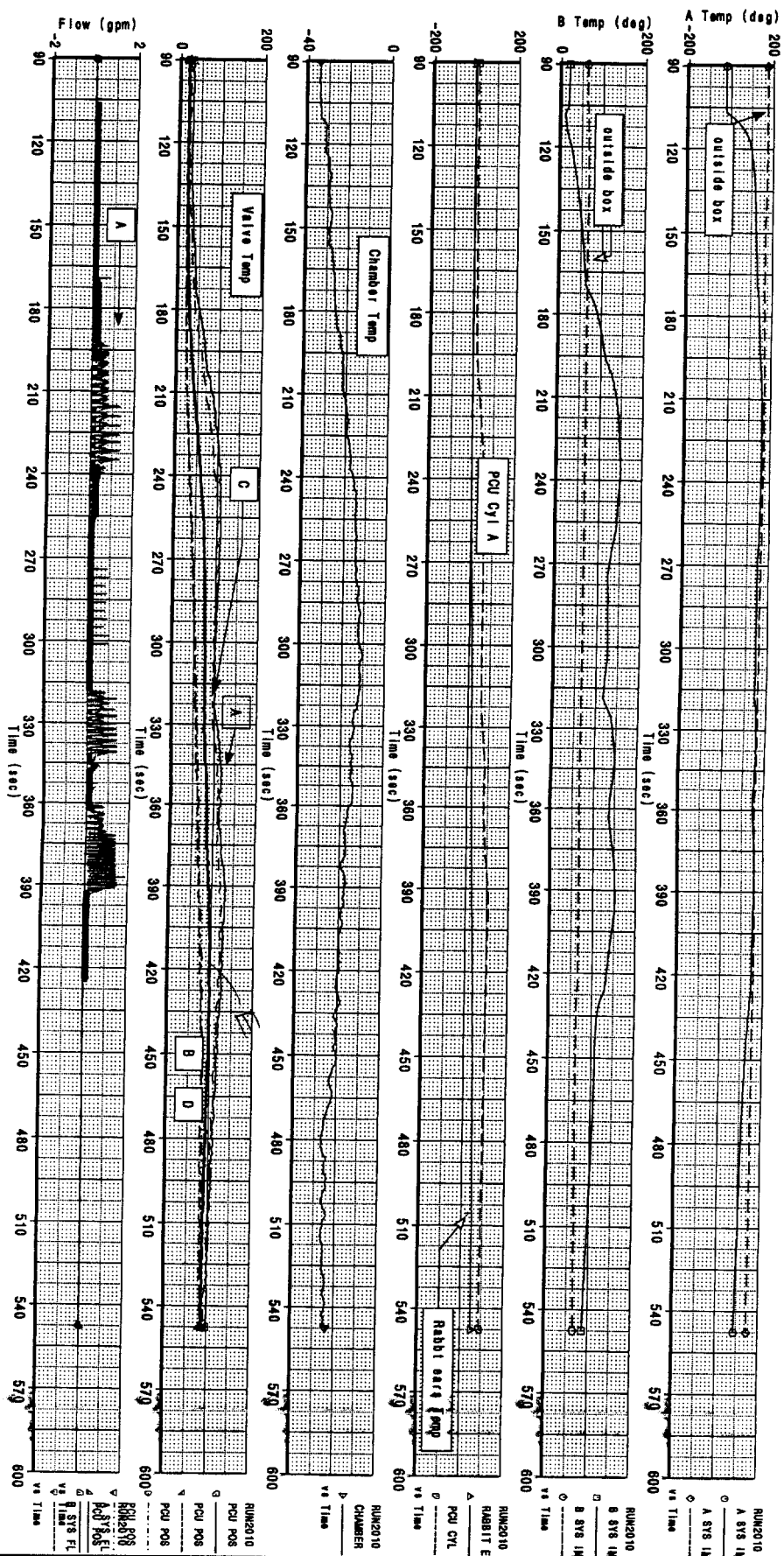
Run: RUN2010

MSL/VME-3: DACP 5E007153 G00

Date: 10/09/98

Time: 15:00:07.00

Dur(sec): 547.48



Mon Oct 21 1996 13:50:36

Test: 737-300 PCU SHOCK TEST

Date: 10/09/96

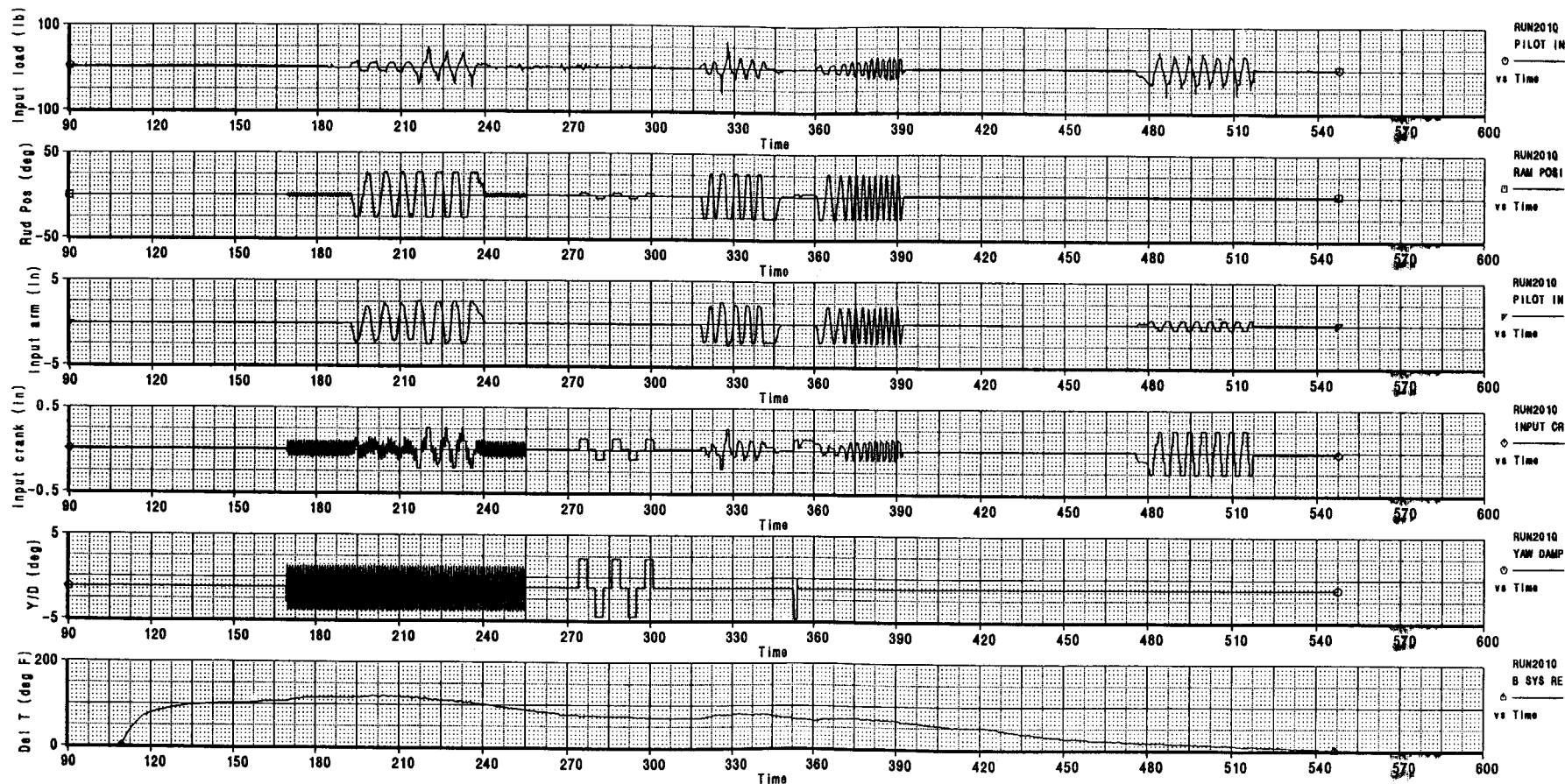
Cond:

Time: 15:00:07.00

Run: RUN2010

MSL/VME-3: DACP 5E007153 G00

Dur(sec): 547.48



Del T = A-sys TEMP in the box - PCU POS E TEMP

CALC	David Wang	21Oct96	REVISED	DATE	Production Unit	737-300
CHECK					Condition E	Rudder PCU
APPO.					chd hyl. overheat, Rabbit ears = 0°F	
APPO.					BOEING	PAGE

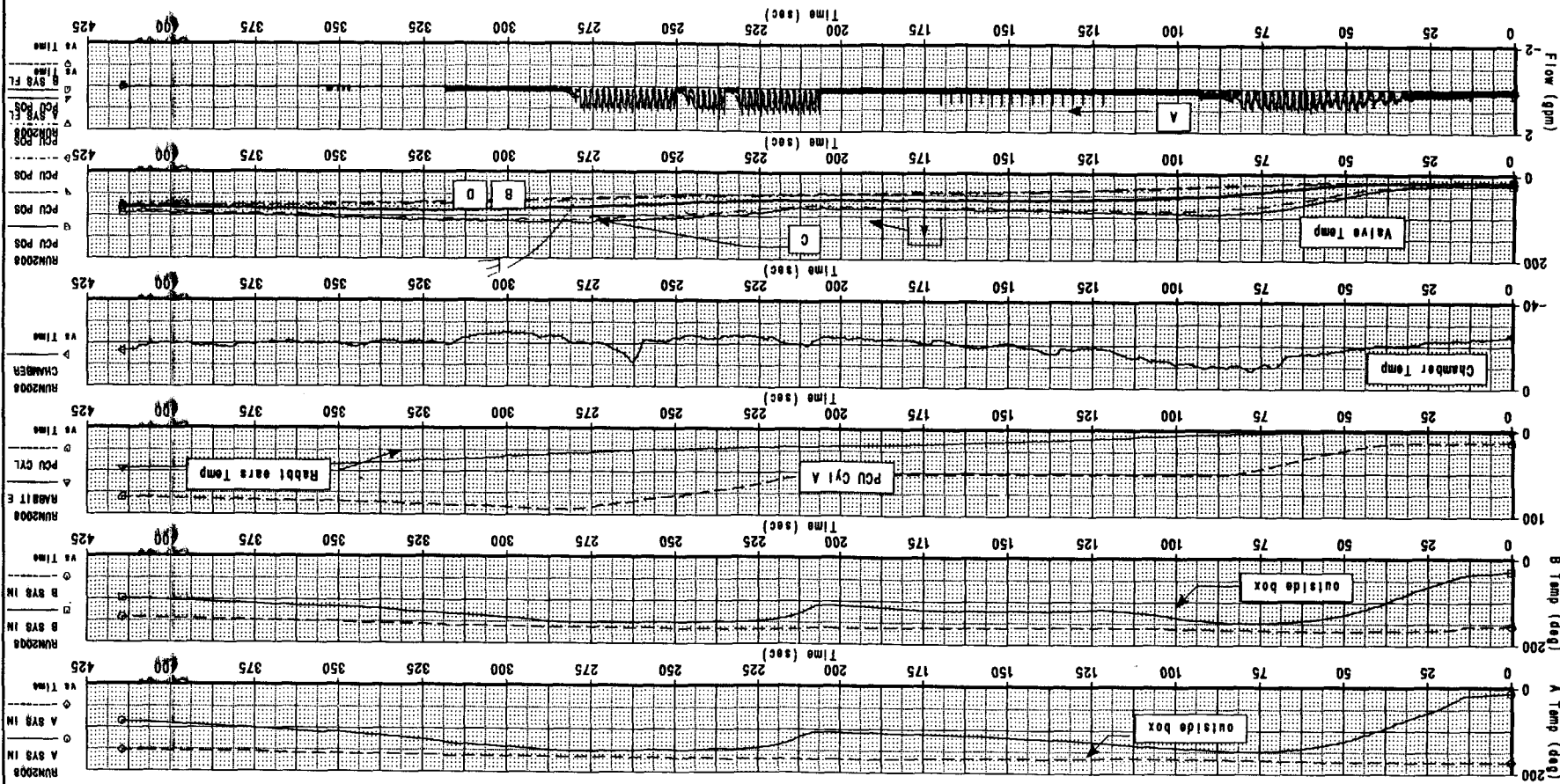
[A]: /disk/d4/737_thermal/run2010.esb

Mon Oct 21 1996 13:20:13

CALC	David Wang	21Oct98	REVISED	DATE
CHECK				
APPRO.				
PLOT	David Wang	284-7952		
Condition C				
Production Unit				
737-300				
Rudder PCU				
PAGE				

[A]: /disk/d4/737_thermal/run2008.esb

Mon Oct 21 1996 14:49:05



Test: 737-300 PCU SHOCK TEST
 Cond: RUN2008
 MSL/VME-3: DACP 5E007153 G00
 Date: 10/09/96
 Time: 12:50:30.00
 Dur(sec): 414.38

Test: 737-300 PCU SHOCK TEST

Cond:

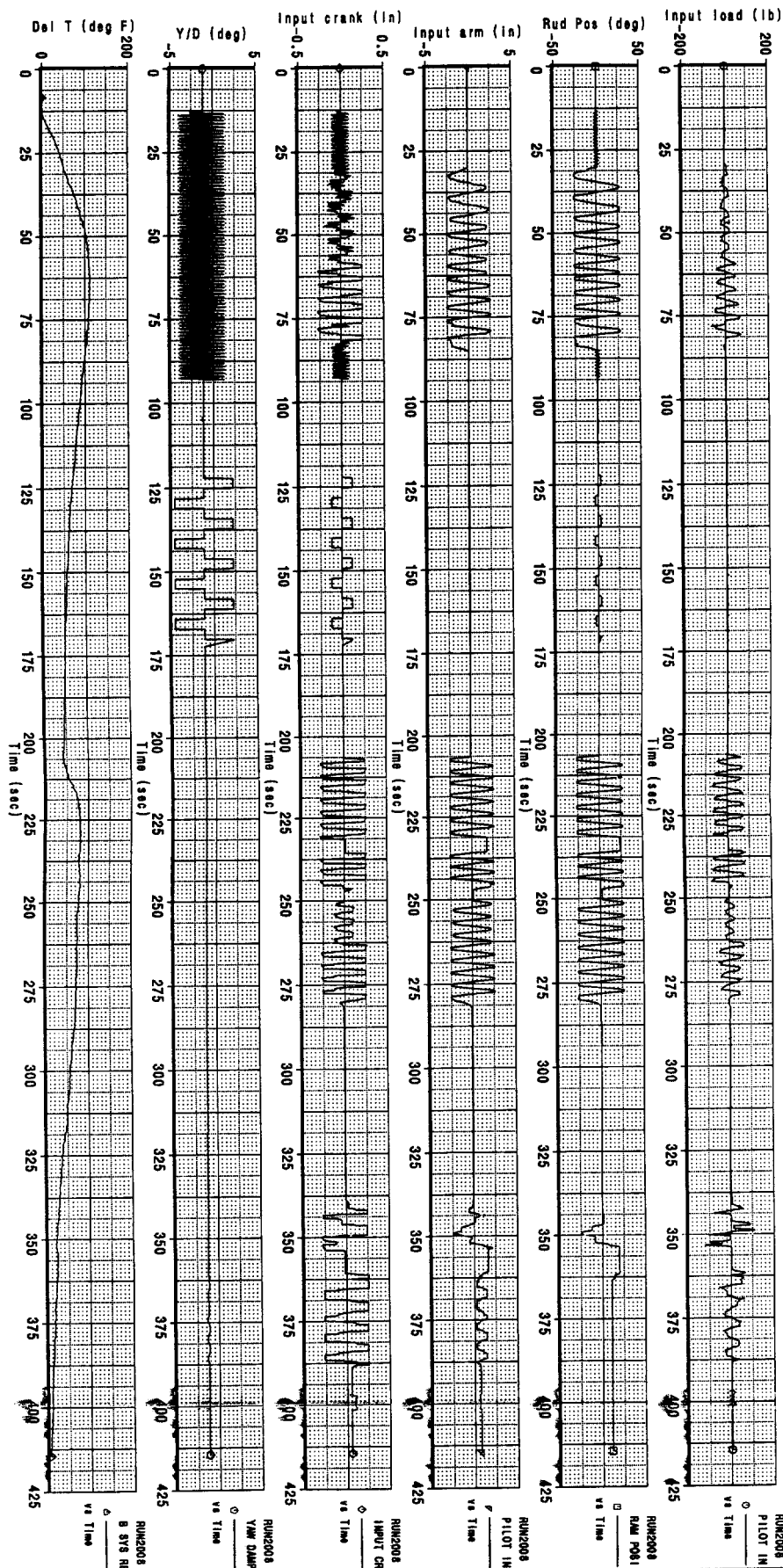
Run: RUN2008

MSL/VME-3: DACP 5E007153 G00

Date: 10/09/96

Time: 12:50:30.00

Dur(sec): 414.38



DATE	David Wang	21 Oct 96	REVIEW	DATE	
CHECK					
APPRO.					
APPRO.					
APPRO.					
PILOT	David Wang	284-7956			

Condition C
Production UNIT

check input overboard Ballast tanks = 0°F

BOEING

Page

[A]: /disk/d4/737_thermal/run2008.ash
State File: //laredo/disk/d4/737_thermal/run2008.pcu.3.1.pcg

Run Oct 21 1996 14:44:41

Test: 737-300 PCU SHOCK TEST

Date: 10/08/96

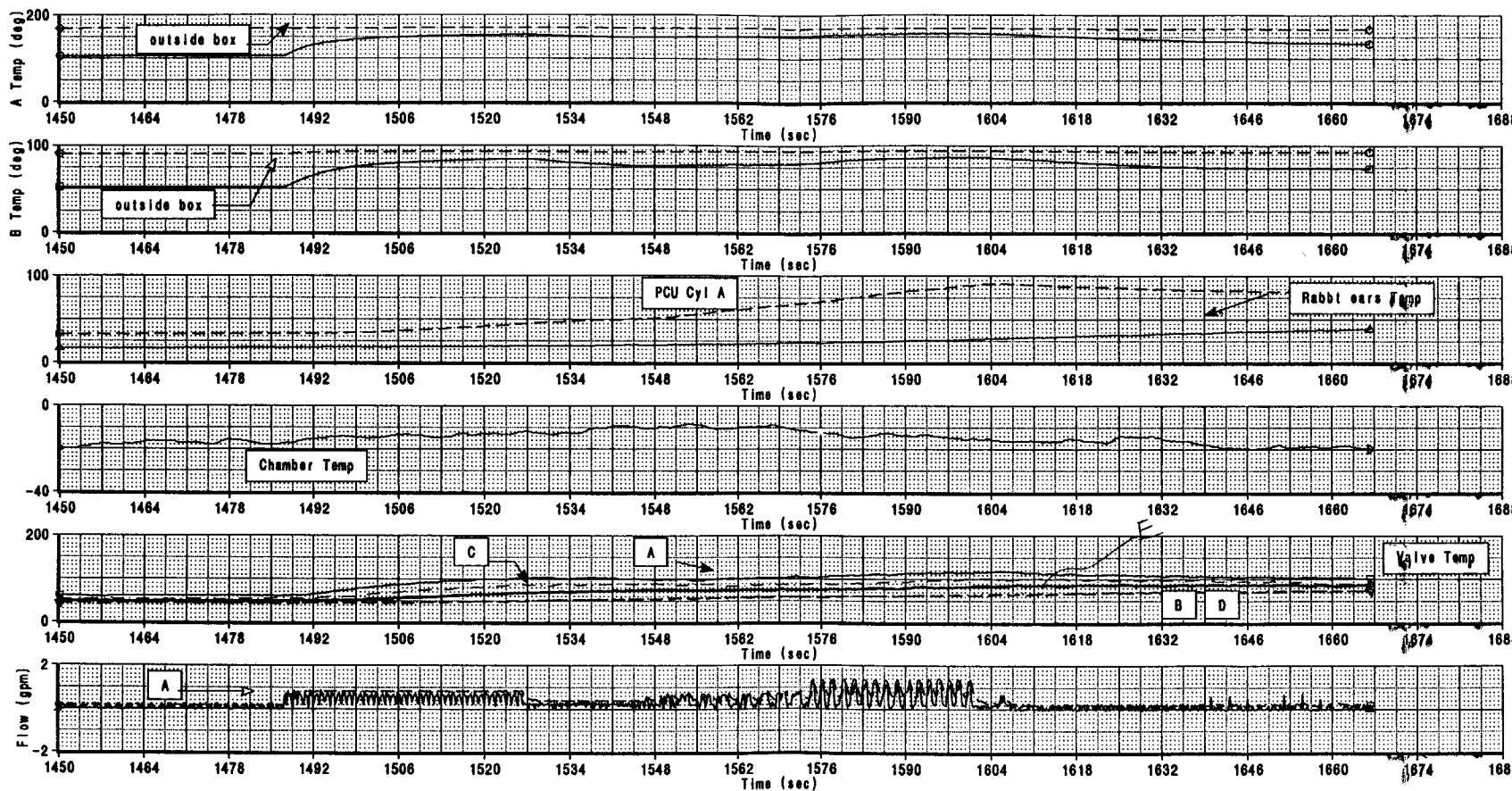
Cond:

Time: 18:20:01.00

Run: RUN2004

MSL/VME-3: DACP 5E007153 G00

Dur(sec): 1666.28



RUN2004

A SYS IN

A SYS IN

vs Time

RUN2004

B SYS IN

B SYS IN

vs Time

RUN2004

RABBIT E

PCU CYL

vs Time

RUN2004

CHAMBER

vs Time

RUN2004

PCU POS

PCU POS

PCU POS

PCU POS

PCU POS

PCU POS

PCU POS

vs Time

CALC	David Wang	21Oct96	REVISED	DATE	Condition D	737-300
CHECK					Production Unit	Rudder PCU
APPD.					A-system overhauled, Rabbit ears = 17A	
APPD.						
PLOT	David Wang	18OCT96			BOEING	PAGE

[A]: /disk/d4/737_thermal/run2004.esb

Mon Oct 21 1996 15:35:18

Test: 737-300 PCU SHOCK TEST

Date: 10/08/96

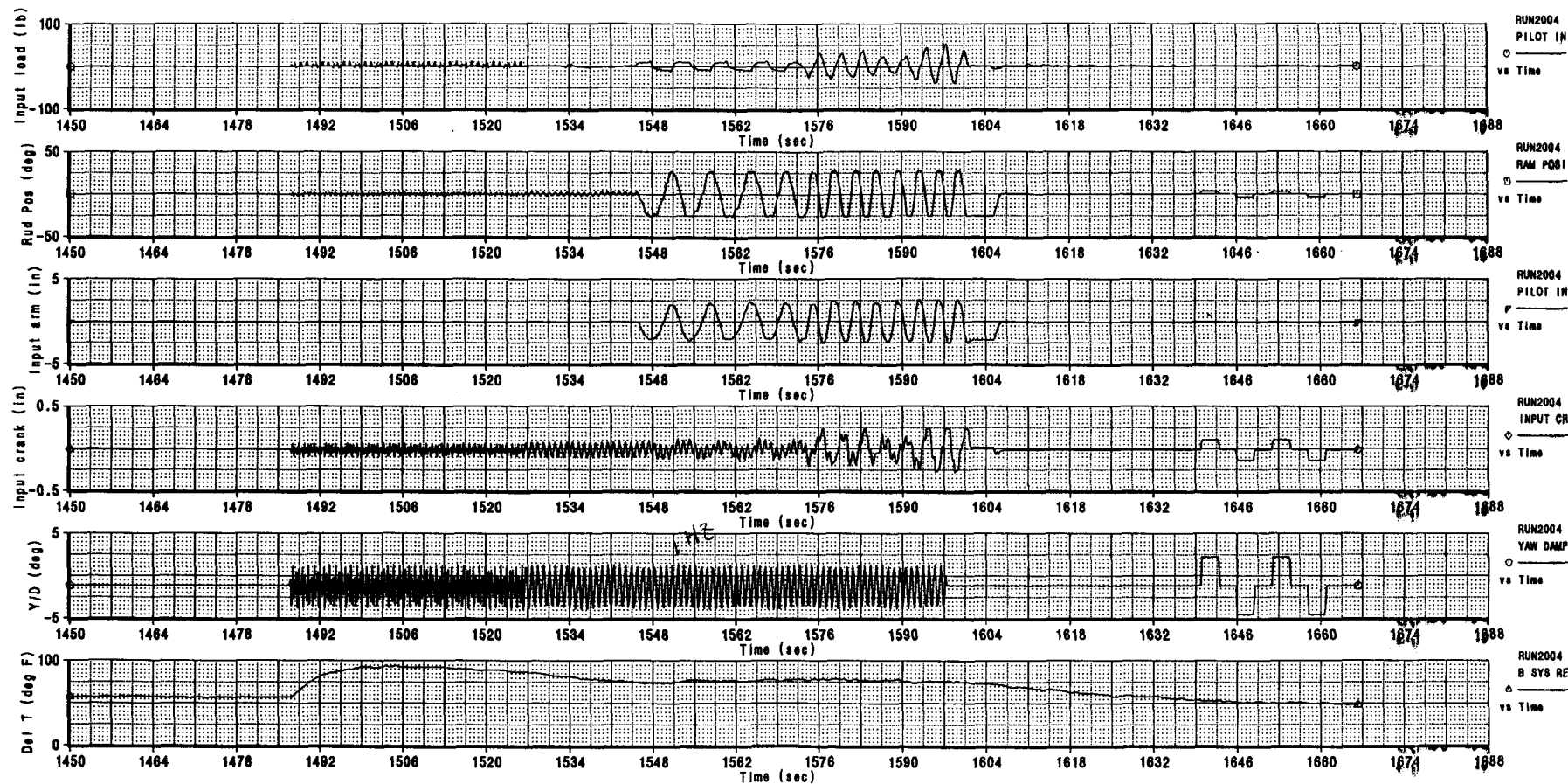
Cond:

Time: 18:20:01.00

Run: RUN2004

MSL/VME-3: DACP 5E007153 G00

Dur(sec): 1666.28



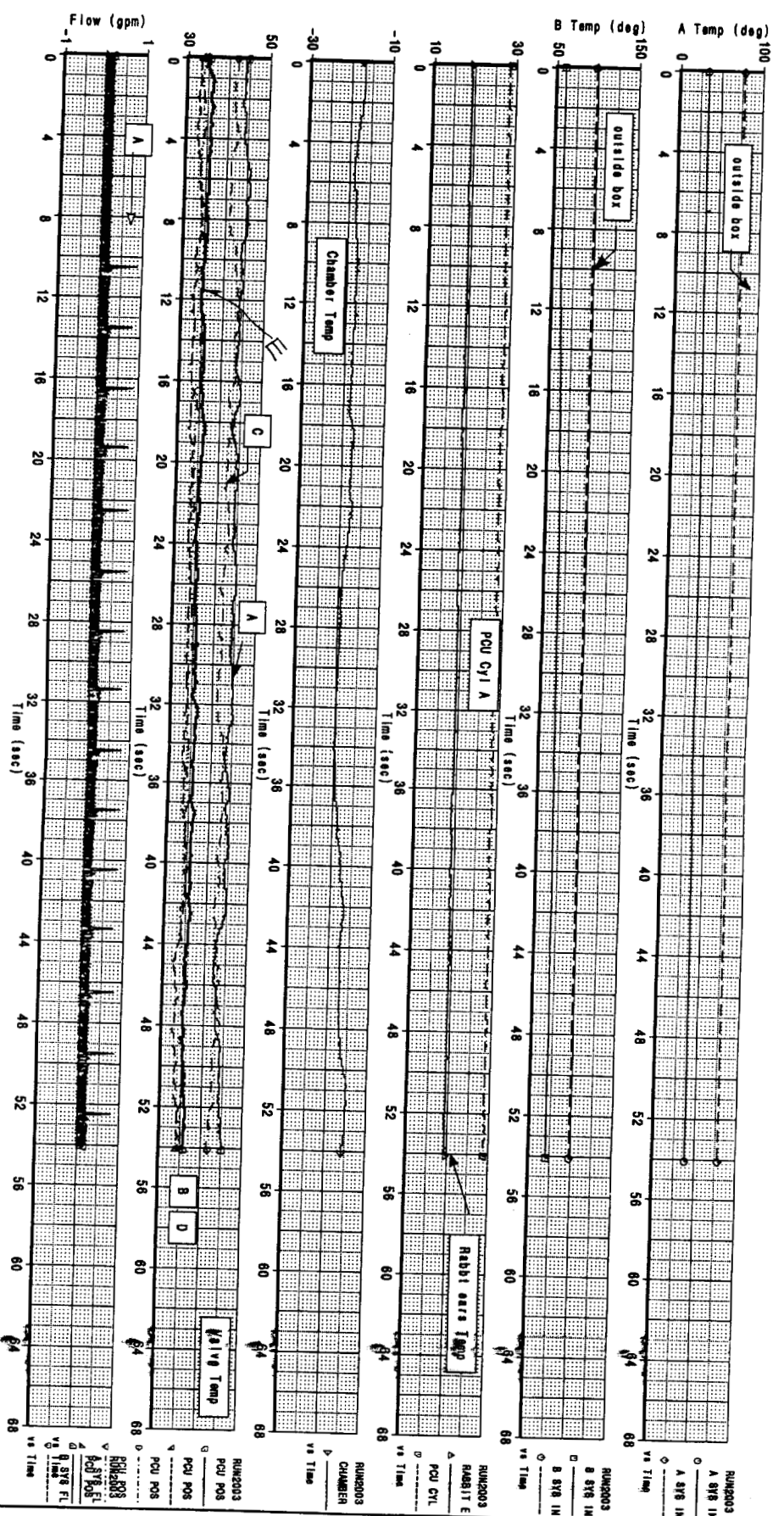
Del T = A Sys in temp - PCU POS E

CALC	David Wang	210c196	REVISED	DATE	Condition D	737-300
CHECK					Production Unit	Rudder PCU
APPO					A-Sys overhauled, Rudder ears = 17°F	
APPO					BOEING	PAGE
PLOT	David Wang	294-7052				

[A]: /disk/d4/737_thermal/run2004.esb

Mon Oct 21 1996 15:29:43

Test: 737-300 PCU SHOCK TEST
 Cond:
 Run: RUN2003 MSL/VME-3: DACP SE007153 G00
 Date: 10/08/96
 Time: 14:49:03.00
 Dur(sec): 54.08



DATE	David Wang	230C186	REVISED	DATE	
CHECK					
APPRO.					
PILOT	David Wang	180C186			

Condition B
 427 Unit
 Normal Hyd. Temp.
BOEING

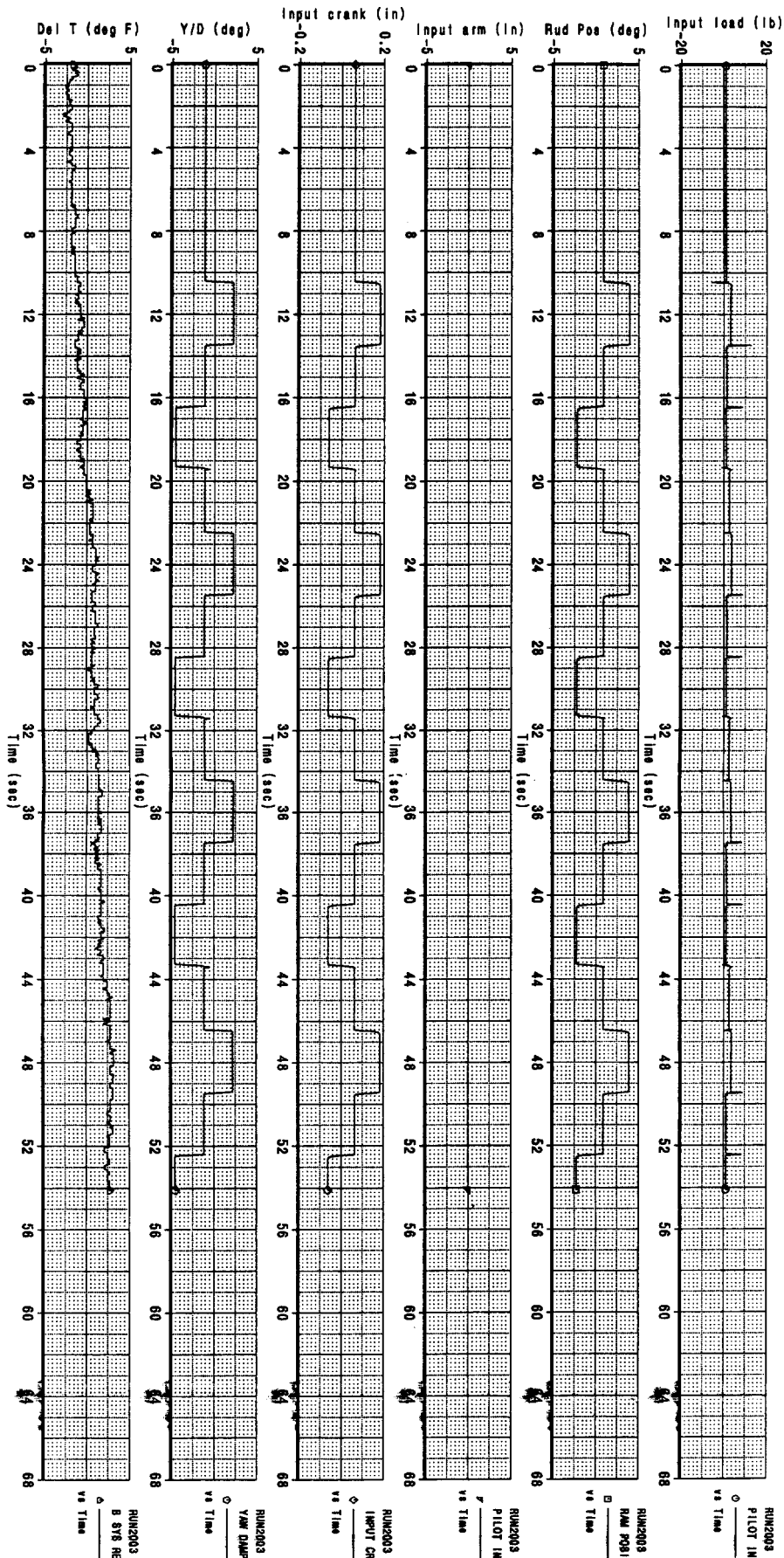
737-300 Rudder PCU	PAGE
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[A]: /disk/d4/737_thermal/run2003.osb

Test: 737-300 PCU SHOCK TEST
 Cond: Run: RUN2003

MSL/VME-3: DACP 5E007153 G00

Date: 10/08/96
 Time: 14:49:03.00
 Dur(sec): 54.08



CALC	DAVID WHEE	2104:185	RETIRED	DATE	Condition B	737-300
CHECK					Production Unit	Rudder PCU
APPRO.					Hand Hyd Temp.	
PILOT	DAVID WHEE	294-7852			BOEING	NAME

[A]: /disk/d4/737_lbrma/run2003.65b

Mon Oct 21 1996 14:31:57

Test: 737-300 PCU SHOCK TEST

Cond:

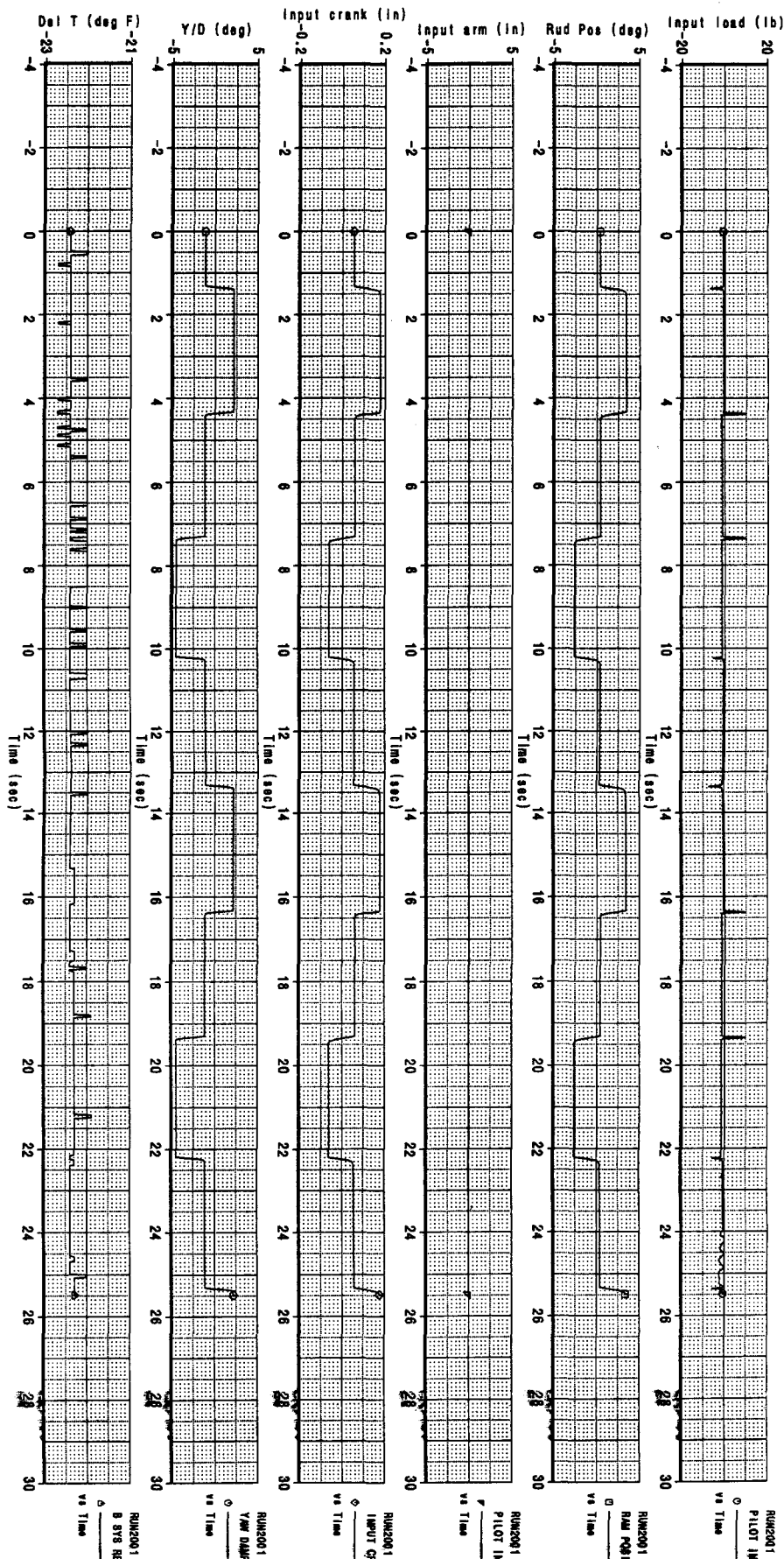
Run: RUN2001

MSL/VME-3: DACP 5607153 G00

Date: 10/08/96

Time: 12:46:05.00

Dur(sec): 25.48



Del T = A Sys in temp - PCU POS E

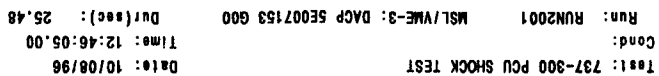
DATE	DAVID WING	220C106	REVISED	DATE	Condition A 4/5	737-300
CHK					Production Unit	Rudder PCU
APP					Baseline, Rollout area = 84°F	
APP						
PILOT	DAVID WING	264-7952			BOEING	PAGE

[A]: /disk/d4/737_thermal/run2001.asb

Tue Oct 22 1996 14:54:36

Condition A 415	427 Unit	Base line, Rollers = 847	BOEING	PAGE
737-300	Thunder PCU			

Tue Oct 22 1996 14:58:39



Test: 737-300 PCU SHOCK TEST

Test: 737-300 PCU SHOCK TEST

Cond:

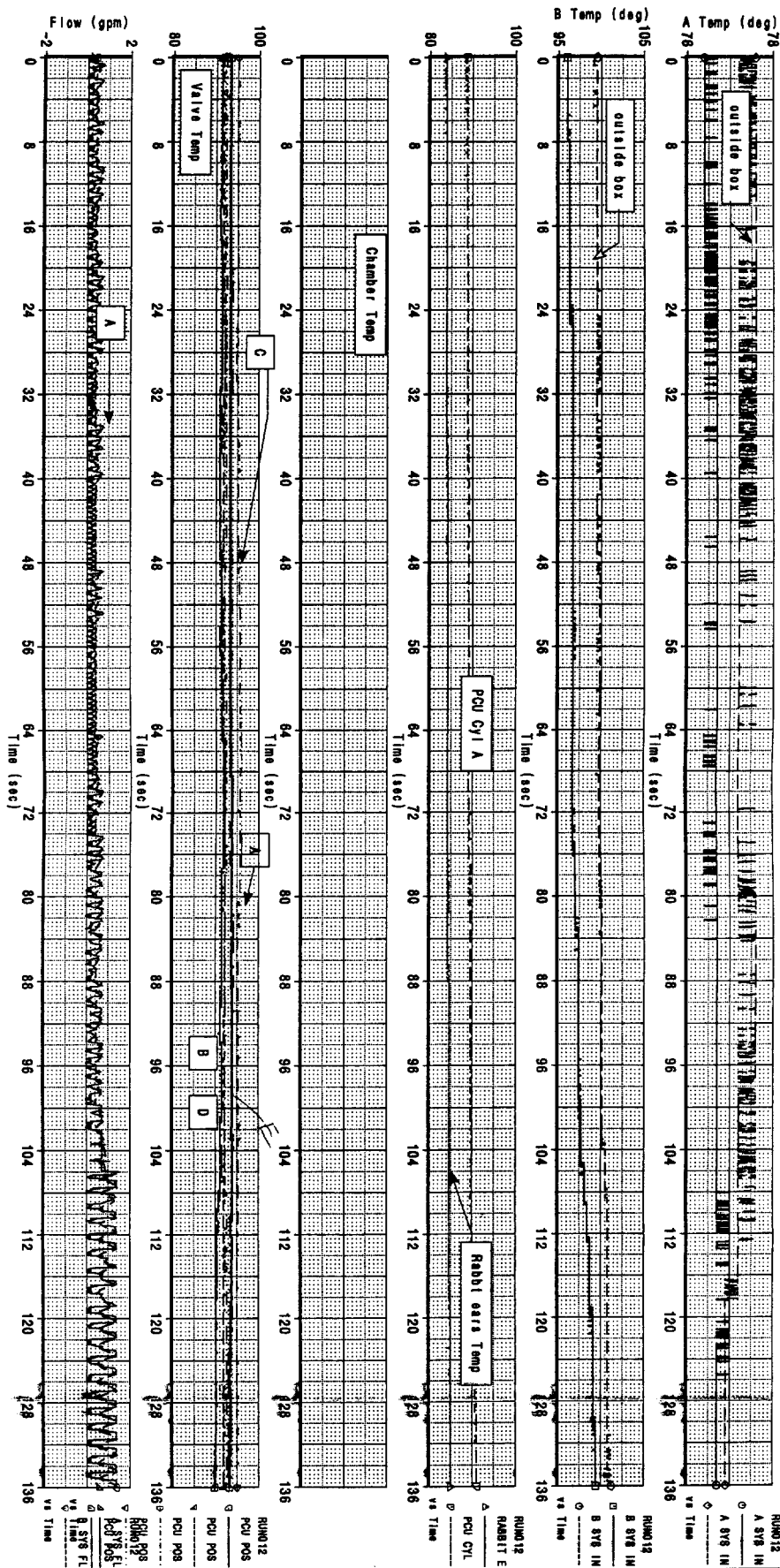
Run: RUN012

MSL/VME-3: DACP 5E007153 G00

Date: 10/08/98

Time: 12:11:32.00

Dur(sec): 260.78



DATE	David Wang	2206198	REVISED	DATE		Production Unit	737-300
CHECK						Condition A 2/3	Rudder PCU
APPRO.						Base line, Rabbit ears = 84°F	
APPRO.						BOEING	FILE

[A]: /disk/44/737_thermal/run012.gsb

Tue Oct 22 1998 14:43:47

Test: 737-300 PCU SHOCK TEST

Cond:

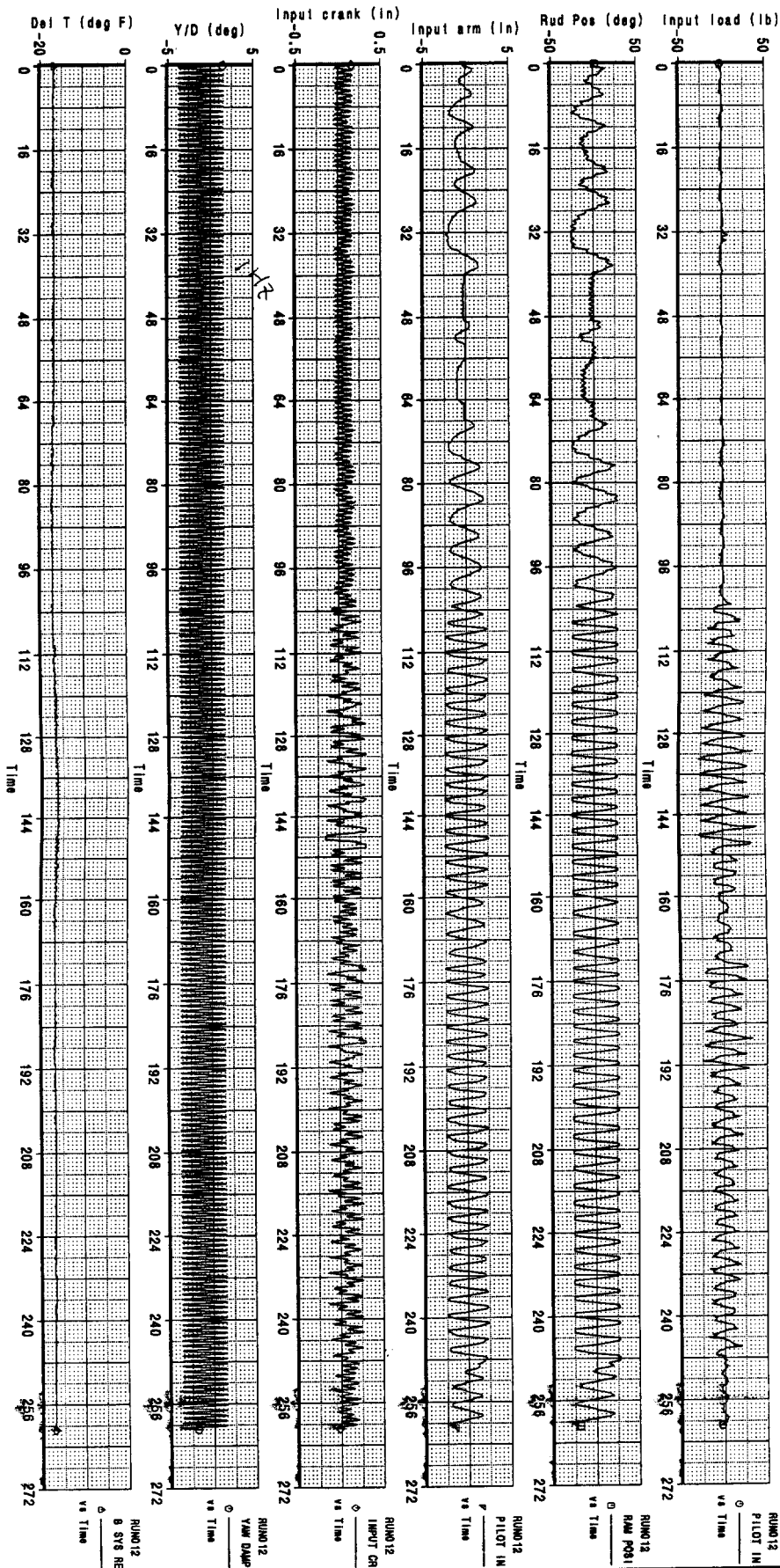
Run: RUN012

MSL/VME-3: DACP 5007153 G00

Date: 10/08/96

Time: 12:11:32.00

Duration: 260.78



CALC	David Wang	220C196	REVIEW	DATE	Condition A 2 & 3	737-300
CHECK					Production Unit	Revised PCU
APPV.					<i>Baseline, All. and = 847</i>	
APPRO.					BOEING	FILE

[A]: /disk/d4/737 thermal/run012.03b

Tue Oct 22 1996 14:39:44

Test: 737-300 PCU SHOCK TEST

Date: 10/08/96

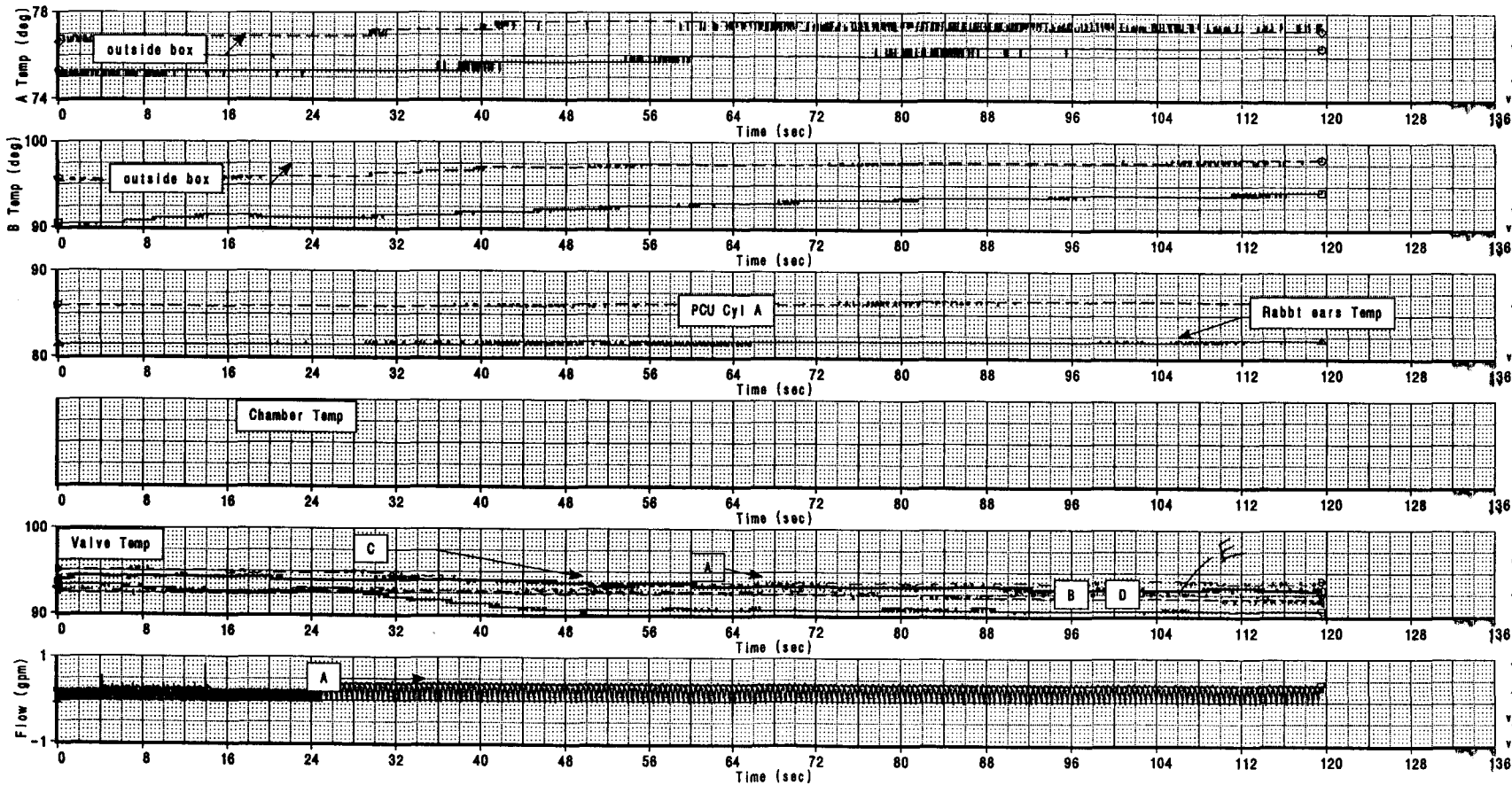
Cond:

Time: 12:06:28.00

Run: RUN011

MSL/VME-3: DACP 5E007153 G00

Dur(sec): 119.48



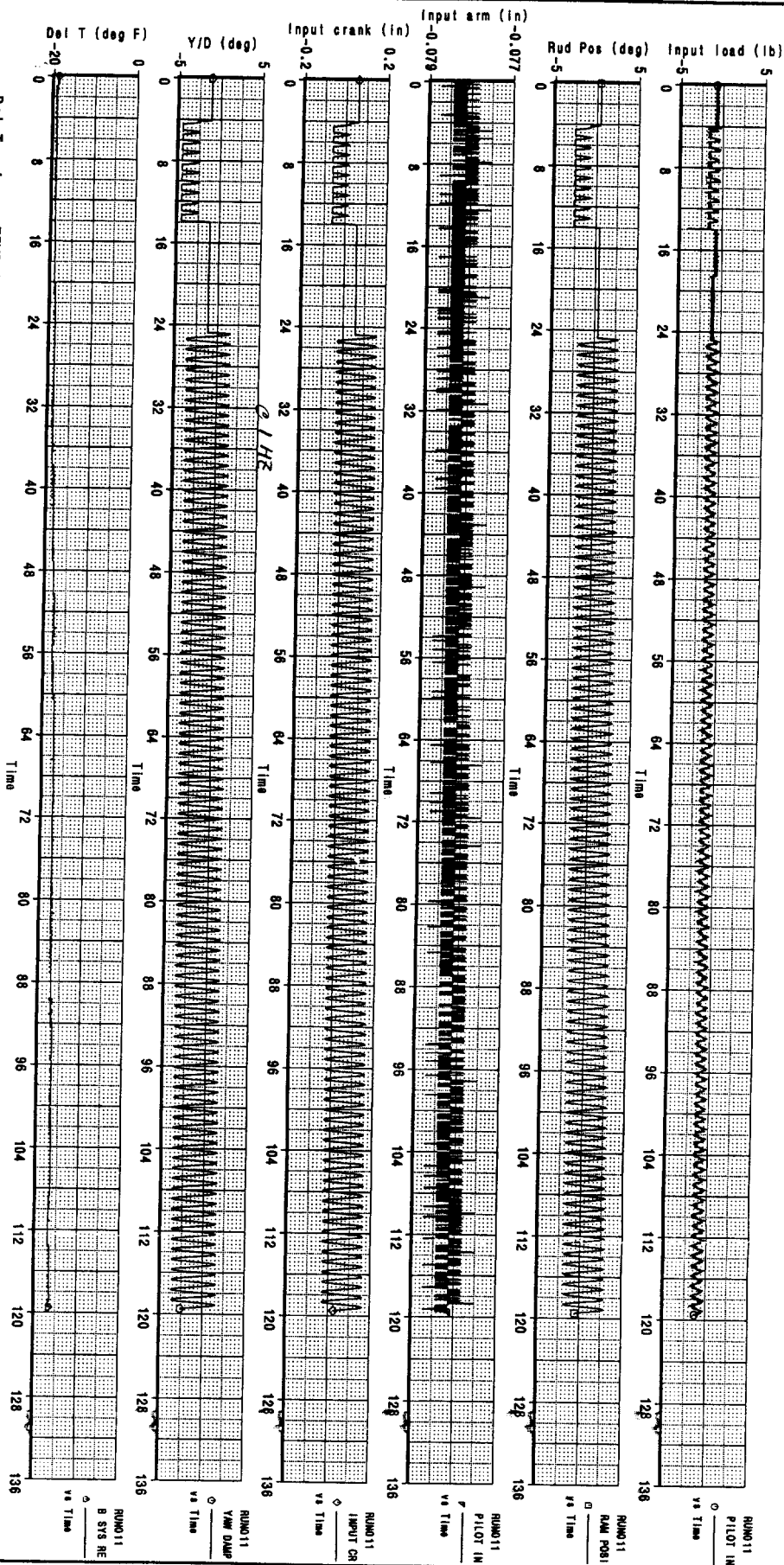
RUN011
 A SYS IN
 B SYS IN
 vs Time
 RUN011
 B SYS IN
 B SYS IN
 vs Time
 RUN011
 RABBIT E
 PCU CYL
 vs Time
 RUN011
 PCU POS
 PCU POS
 PCU POS
 vs Time
 RUN011
 B SYS FL
 B SYS FL
 vs Time

CALC	David Wang	21Oct1996	REVISED	DATE	Production Unit	737-300
CHECK					Condition A	Rudder PCU
APPRO.					Ambient Temp.	
APPRO.					BOEING	PAGE

[A]: /disk/d4/737_thermal/run011.esb

Mon Oct 21 1996 15:20:35

Test: 737-300 PCU SHOCK TEST
 Cond: Run: RUN011 MSU/VME-3: DACP 5E007153 G00
 Date: 10/08/96
 Time: 12:06:28.00
 Dur(sec): 119.48



Del T = A-sys TEMP inside the box - PCU POS E TEMP

DATE	Device Name	2100196	REVISED	DATE
DATE	737-300			
APPRO.	Condition A-1			
APPRO.	Production Unit			
APPRO.	Ambient Temp, Aircraft Hyd.			
APPRO.	BOEING			
APPRO.	737-300			
APPRO.	Rudder PCU			
APPRO.	FAIR			

[A]: /disk/44/737_thermal/run011.95b

Mon Oct 21 1996 15:16:59