

Transcript Profile

Flight 54L

1-27-88

LOCAL TIME: 9 AM

GST: 07:00	General Activity See search	Cassette # 1
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MET Time	NOTES
T-4hr 36min	Low level flight with recumbent attitude
T-3hr 50min	Climb training
L-1hr 40min	Low level flight with recumbent attitude
L-1hr 20min	Climb training
L-1hr 00min	Low level flight with recumbent attitude
L-55min	Climb training
L-47min	Climb training
L-40min	Climb training
L-33min	Climb training
L-27min	Climb training
L-20min	Climb training
L-14min	Climb training
L-8min	Climb training
L-2min	Climb training
L-0min	Climb training
L-0min	Climb training
L-0min	Climb training
L-0min	Climb training
L-0min	Climb training
L-0min	Climb training
L-0min	Climb training
L-0min	Climb training

Transcript Profile

Flight 511

LOCAL TIME: 17:00

<b>GMT:</b> <u>17/04/1977</u>	<b>General Activity</b> <u>1. In chamber</u>	<b>Cassette #</b> <u>2</u>
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**MET**  
**Time** **NOTES**

<u>17:00-17:05</u> <u>17:05-17:10</u>	<u>On the table. 1 part of the chamber. <del>17:00-17:05</del></u>
<u>17:10-17:15</u>	<u>17:10-17:15</u>
<u>17:15-17:20</u>	<u>17:15-17:20</u>
<u>17:20-17:25</u>	<u>17:20-17:25</u>
<u>17:25-17:30</u>	<u>17:25-17:30</u>
<u>17:30-17:35</u>	<u>17:30-17:35</u>
<u>17:35-17:40</u>	<u>17:35-17:40</u>
<u>17:40-17:45</u>	<u>17:40-17:45</u>
<u>17:45-17:50</u>	<u>17:45-17:50</u>

Transcript Profile

Flight 027

LOCAL TIME: 6:11 A

<b>GMT:</b> <u>027-12-11-46</u>	<b>General Activity</b> <u>...</u>	<b>Cassette #</b> 
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<b>MET</b> <b>Time</b>	<b>NOTES</b>

Transcript Profile

Flight 2-10-68

LOCAL TIME: 1:50

GMT: 01/11/68	General Activity In room	Cassette # 4
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**MET**

Time

NOTES

1:00	W/for the report in tent
1:05	went to room to see film on the bridge
1:10	then changed gear to sleep in the mess tent
1:15	Drove to mess tent to get coffee @ 1:15
1:20	Ave. back to room to get some papers
1:25	Drove to mess tent to get coffee @ 1:25
1:30	W/for the report in tent
1:35	W/for the report in tent
1:40	W/for the report in tent
1:45	W/for the report in tent
1:50	W/for the report in tent
1:55	W/for the report in tent
2:00	W/for the report in tent
2:05	W/for the report in tent
2:10	W/for the report in tent
2:15	W/for the report in tent
2:20	W/for the report in tent
2:25	W/for the report in tent
2:30	W/for the report in tent
2:35	W/for the report in tent
2:40	W/for the report in tent
2:45	W/for the report in tent
2:50	W/for the report in tent
2:55	W/for the report in tent

Transcript Profile  
 Flight 171

4-25-71

LOCAL TIME:

<b>GST:</b> 07:10:00	<b>General Activity</b> 1. 10:00	<b>Cassette #</b> 15
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<b>MET</b> <b>Time</b>	<b>NOTES</b>
07:11:20 SC	
07:12:00	10:00, 10:10, 10:20, 10:30, 10:40, 10:50
07:13:00	10:00, 10:10, 10:20, 10:30, 10:40, 10:50
07:14:00	10:00



Transcript Profile  
Flight 57L

9. 4. 1964

LOCAL TIME:

GMT: 021 13 41. 14	General Activity	Cassette # 7
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MET Time	NOTES
0000 0030Z	100m from by
0030 01	clearly but to require
0030 01	RSC cell being (commander) now looking at listening of direct which they report as now clear. He has also had check - but we did not proceed at this time
0030 01	Early formation of clouds will pick up in white in southeast
0030 01	Clear check for all crew members. Good - 100% OK. N/A. N/A. N/A. Discuss TDM site
0030 01	RSC crew. TDM crew. Last to go. Hold
0030 01	RSC crew. T. to 1. hold. to the subject department.









Transcript Profile  
Flight 15-14

9/16/68

LOCAL TIME:

GMT: 077 15.10 33	General Activity	Cassette # 11
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NET  
Time

NOTES

T-20 10:00 - 9:00	KSC COM - prep work for tomorrow KSC COM meeting for tomorrow afternoon
	about 10:00 minutes in car after return to branch city about.
9:00	KSC COM cont. to work on T-20 - just had work to go for an assignment will be working on T-20
T-20	KSC COM doing maintenance on T-20. They have yellow trailer off area.
T-20	KSC COM working on T-20

Transcript Profile

Flight 5712

9:51 AM

LOCAL TIME:

<b>GMT:</b> 029 15:49:36	<b>General Activity</b>	<b>Cassette #</b> 12
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<b>NET Time</b>	<b>NOTES</b>
1-30:00	KSC COM
2-00:00	KSC COM in process of receiving TDR 3
2-05:00	Mission time report received
2-10:00	KSC COM discussion about cross wind
-30	KSC COM discussion about cross wind
	providing 1000 ft per hour climb in the
	current 7000
-20	the 5th time has been brought back to
	the the bank angle - bank 100
	a fuel on tank
-20	KSC COM discussion about 70 at 10:00
	to go forward in cross wind
-11	KSC COM 10 min from receiving mission

Transcript Profile  
Flight 07-16

10:23 AM

LOCAL TIME:

GMT: 07-16-22:00	General Activity	Cassette # 15
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MET Time	NOTES
T-20 min	
T-20	RSC COM mission report - launch in
	space @ reports will be made later.
	Words are being prepared this time
T-16	TMI align complete
T-16	RSC COM
T-21-00	RSC COM and starting
T-16-46	Mission report 4 min
T-14-00	RSC COM plus 76 at 12000 ft fuel cell
	space complete
T-13:00	RSC COM preparing launch

Transcript Profile  
Flight 572

10/4/54

LOCAL TIME:

CST:	General Activity	Cassette #
137.16.45.46		14

MET Time	NOTES
T-16-0300	KSC COM. Gable. (Lester) says weather doesn't look promising.
T-9	KSC COM. T-9 holding. indefinite delay
T-9	KSC COM.
T-9	MUST COM. weather report. weather conditions in favor of take off.
T-9	KSC COM. probably going to hold today if wind is south and calm.
T-9	KSC COM. H-9 remaining in window.
T-9	KSC COM. continuing to monitor weather. winds have been increasing and are not satisfactory.
T-9	KSC COM. going to have a final check of plans to see if we can launch.
T-9	KSC COM. Holding by permission report.
T-9	KSC COM. still holding by perm. report.
T-9	KSC COM. Still " " " " " " " " " " " "

Transcript Profile

Flight AK

11:36 AM

LOCAL TIME:

GST:

General Activity

Cassette #

027 17 35.6

15

**MET**

Time

NOTES

T-0000	at	KSC (KSC) under spirit in 1981
		station double launch for today
		too much information
	at	get area to assist in patch of day
	- 20	go to open patch
	- 20	water dump and gain support on 156





New Street  
DAY

Transcript Profile

Flight 1-28-86

1-28-86

LOCAL TIME: 9:11

GMT: 8:57	General Activity Pre launch	Cassette # 1
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MET  
Time NOTES

T-5hr: 4:00 Com: Lift off has been changed to 9:35m est

T-00:03:00:00 Defers on Tanking & Crew Wake up

and Holding Com: 4-hr 10mi away to opening - 10th flight for ~~Challenger~~ Challenger  
- weather Report 24° - Landing for Tuesday  
- Tanking fueling completed

L-00:04:00 Com: The T-3 is a standard hold - Tank Info.

Com: Breakfast with the crew (5:50 am est)

L-00:05:23:00 Com: 3 hr in holding - Some crew to resume count - Astor Info.

T-00:02:59:56 Com: Count down resumed -

Transcript Profile  
Flight 5/h

LOCAL TIME: 6:20 AM

<b>GMT:</b> <u>028:12:18:01</u>	<b>General Activity</b> <u>Pre Launch -</u>	<b>Cassette #</b> <u>18</u>
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<b>MET</b> <b>Time</b>	<b>NOTES</b>
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T-000:00:59:01 Com: Count down Re-ward

T-000:02:45:45 Com: Weather Report - Water in tank

T-000:02:17:38 COM (KSC):

T- 02:11:20 KSC COM: Astro van has reached the launch pad. Temp in cabin 61° KSC weather at launch expected 25°





Transcript Profile

Flight 51-L

8:01a.m.

LOCAL TIME:

GMT:	General Activity	Cassette #
028;14:00:47	Pre-Launch	21

MET Time	NOTES
T-000:01:17:08	KSC COM: The countdown clock will hold at T-1:10 to assess the ice situation. Everything going smoothly Cabin pressure checks to start shortly.
01:10:21	KSC COM: coming up on the T-1:10 hold. there was a round of applause when the closeout crew got the latch closed
01:10:00	cabin leak check (go for)
01:10:00	cabin leak check readouts
01:10:00	got the alarm at 14:14:26 . O.K. thanks
01:10:00	can we set the pressure down a little, we keep getting alarms in the cabin, wait on that
01:10:00	welcome to our Northern launch facility. Thanks
01:10:00	KSC COM: We are presently in an unscheduled hold. An ongoing meeting on the ice situation.
01:10:00	go to 157
01:10:00	need a reading from the CDB
01:10:00	cabin leak check complete, go ahead with the cabin closeout.
01:10:00	go ahead and perform cabin redundancy check.
01:10:00	we have the hatch closed ready for white room closeout.
01:10:00	redundancy leak check complete.
01:10:00	we will be sending air into the cabin
01:10:00	pressure is coming down.





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Flight 51-L

9:20a.m.

LOCAL TIME:

<b>GMT:</b> 028:15:19:36	<b>General Activity</b> Pre-Flight	<b>Cassette #</b> 23
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<b>MET.</b> Time	<b>NOTES</b>
T-000:00:58:18	KSC COM: (continued)
00:50:50	perform boiler preact. please. complete
00:50:03	KSC COM: Orbitor has 3 boilers. Each boiler has
	spray . Close loop test is under way. 9 person
	team is on its way out to the pad the look at and
	clean up some of the ice thats around the pad
00:45:02	KSC COM: The ground launch sequencer has been activated.
00:43:11	channel 028
00:41:00	complete thru step 716
00:38:31	reverify that steps will go on time.
00:37:03	did you want to brief crew on PPO2 sensor A inhibit channel
	other item RCS are reconfigured. Are we going to put
	OHMS procedure on. Thats affirmative.
00:35:03	KSC COM: There are two built in holds before launch.
	Shuttle landing strip is ready for a return to launch
	site abort. The countdown is going very smoothly since
	we resumed the countdown . T.O. is 11:38est
00:	



Transcript Profile

Flight 51-I

9:50a.m.

LOCAL TIME:

GMT:	General Activity	Cassette #
028:15:46:00	Pre-Flight	23cont.

**MET**  
Time

NOTES

MET Time	NOTES
T-000:30:25:	KSC COM: Gaseous Ops have been performed. The experiments
	(talks about)
00;	

Transcript Profile

Flight 51-L

9:52a.m.

LOCAL TIME:

<b>GMT:</b> 028:15;50:39	<b>General Activity</b> Pre-Flight	<b>Cassette #</b> 24
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<b>MET.</b> Time	NOTES
T-000:00:27:12	KSC COM: CONT. Still talks about student experiments. coming up on 20 minute hold.
00:24:30	altimeter update
00:23:59	we have a go for weather
00:21:50	no asteric
00:20:30	KSC COM: We are coming up on 20 minute hold, we are at t-20 and holding. Talks about CHAMP. Teacher in space mission watch reports will be resumed on Wednesday. The Lockheed test director now briefing the crew on cutoff possibility.
00:20:00	copy Houston flights comments.
00:20:00	pre flight align is complete
00:20:00	KSC COM: we have 1 minute in this hold. The ice team is back and the pad is clear for launch. We are counting now. The on board computer is now in the ops 101 terminal configuration. OHMS engines are now inactive. Comming up on 18 minutes counting.



Transcript Profile

Flight 55-L

10"29

LOCAL TIME:

<b>GMT:</b>	<b>General Activity</b>	<b>Cassette #</b>
028:16:27:30	Launch	26

<b>MET. Time</b>	<b>NOTES</b>
T-000:00:08:04	KSC COM: .
00:07:00	KSC COM: and counting
00:06:00	go for APUprestart
00:05:30	APU prestart complete
00:05:00	go for APUstart
00:04:30	KSC COM: we have 3 good auxilary power units
00:03:45	KSC COM:
00:02:22	clear caution and memory
00:01:44	KSC COM: comming up on 90 sec point
00:01:00	""""and counting
00:00:30	"" solid rocket booster
00:00:16	COM: Houston now controlling, will throttle down to 65%
	soon
	Go with throttle up.
	Flight controllers now looking at the situation, we have
	no downlink
00:03:18	The vehicle has exploded
00:05:31	No additional info. Apparently the vehicle has exploded
	we are awaiting word at this point
	<i>* on the beginning of this tape - a little of 27 is on it</i>





END  
DATE  
FILMED

JULY 7

1986