1
00:02:26,870 --> 00:02:20,120
come on be here soon are you ready for

2
00:02:29,270 --> 00:02:26,880
the event Roger Columbia administrator

3
00:02:37,180 --> 00:02:29,280
golden is on Orion mr. golden please

4
00:02:47,630 --> 00:02:46,130
I'm very proud of that launch just one

5
00:02:49,940 --> 00:02:47,640
last time I know you've heard it from

6
00:02:52,070 --> 00:02:49,950
everyone but safety is gonna be the

7
00:02:57,050 --> 00:02:52,080
first priority on operating a tether

8
00:02:59,270 --> 00:02:57,060
right there's no doubt in our minds that

9
00:03:01,190 --> 00:02:59,280
we're gonna be able to keep the over

10
00:03:10,619 --> 00:03:01,200
safe and the crew safe and there that is

11
00:03:16,979 --> 00:03:14,610
the rookies looked pretty healthy but I

12
00:03:20,160 --> 00:03:16,989
want to tell you I'm very proud of you

13
00:03:22,440 --> 00:03:20,170

and and I want you to keep in mind the

14
00:03:24,690 --> 00:03:22,450
space frontier is risky and success

15
00:03:26,280 --> 00:03:24,700
isn't always guaranteed you know this is

16
00:03:28,649 --> 00:03:26,290
not an operational flight this is a

17
00:03:31,080 --> 00:03:28,659
research flight and no matter what

18
00:03:32,789 --> 00:03:31,090
happens I want to tell you I'm proud of

19
00:03:36,539 --> 00:03:32,799
you folks I think you've done a

20
00:03:38,190 --> 00:03:36,549
wonderful job clearly I want success but

21
00:03:39,869 --> 00:03:38,200
but the fact of the matter is we have to

22
00:03:42,899 --> 00:03:39,879
understand that when you go into space

23
00:03:45,959 --> 00:03:42,909
there's always a risk and I think that

24
00:03:48,179 --> 00:03:45,969
you're very well prepared and I'll be

25
00:03:52,319 --> 00:03:48,189
sitting down on the ground and watching

26
00:03:56,759 --> 00:03:52,329
and have a great flight and once again

27
00:03:59,039 --> 00:03:56,769
let me say how proud I am of you thank

28
00:04:16,640 --> 00:03:59,049
you very much we can't do this nobody

29
00:04:23,240 --> 00:04:20,020
your son columns yeah you want me to eye

30
00:04:41,400 --> 00:04:23,250
off the computer you want me to start to

31
00:05:37,990 --> 00:04:44,080
Columbia had a computer powering off as

32
00:05:47,210 --> 00:05:41,840
okay don't write that Annie we still

33
00:06:02,570 --> 00:05:47,220
have the picture yes for those it was

34
00:06:03,860 --> 00:06:02,580
running when I was doing this I agree

35
00:06:07,760 --> 00:06:03,870
I'll just have to bring some mustard

36
00:06:14,980 --> 00:06:07,770
along with the pretzels we got some of

37
00:06:29,709 --> 00:06:17,540
Columbia Houston big picture on the

38
00:06:34,429 --> 00:06:33,649

okay go with the big picture hello

39
00:06:37,580 --> 00:06:34,439
Franklin

40
00:06:39,200 --> 00:06:37,590
good to see you we're pretty convinced

41
00:06:43,850 --> 00:06:39,210
now that we did have an auto core

42
00:06:47,600 --> 00:06:43,860
failover and our reboot there with your

43
00:06:49,670 --> 00:06:47,610
help of the DD CS has given us some more

44
00:06:52,580 --> 00:06:49,680
insight into that problem what we're

45
00:06:56,330 --> 00:06:52,590
going to do is uplink a GM that will

46
00:07:00,189 --> 00:06:56,340
switch our t SS IO command path from

47
00:07:02,839 --> 00:07:00,199
payload one to the payload to MDM

48
00:07:05,029 --> 00:07:02,849
afterwards we'll save some experiments

49
00:07:07,879 --> 00:07:05,039
and then get on with satellite

50
00:07:09,830 --> 00:07:07,889
activation another problem we'll have to

51
00:07:11,379 --> 00:07:09,840
deal with down the line is the D DCs low

52
00:07:13,969 --> 00:07:11,389
performance but that can be dealt with

53
00:07:15,640 --> 00:07:13,979
after we get into satellite activation

54
00:07:29,749 --> 00:07:15,650
so it sounds like we couldn't proceed

55
00:07:31,100 --> 00:07:29,759
and get back on the timeline a bit thank

56
00:07:33,559 --> 00:07:31,110
you we've been thinking real hard about

57
00:07:35,869 --> 00:07:33,569
this problem it looks like we can just

58
00:07:38,269 --> 00:07:35,879
stay on the current core for the time

59
00:07:48,320 --> 00:07:38,279
being and we'll keep you advised as we

60
00:07:49,670 --> 00:07:48,330
get more information in okay onboard the

61
00:07:51,980 --> 00:07:49,680
crew members are behind in their

62
00:07:53,719 --> 00:07:51,990
timeline just about by two and a half

63
00:07:55,309 --> 00:07:53,729

hours or so after they've spent some

64
00:07:59,089 --> 00:07:55,319
time attempting to resolve some issues

65
00:08:02,209 --> 00:07:59,099
with a computer referred to as smartflex

66
00:08:05,029 --> 00:08:02,219
it's a computer that processes data from

67
00:08:07,760 --> 00:08:05,039
the tethered satellite system apparently

68
00:08:10,010 --> 00:08:07,770
the one of two cores on that satellite

69
00:08:12,469 --> 00:08:10,020
failed it failed automatically over to

70
00:08:15,050 --> 00:08:12,479
the second core and currently the right

71
00:08:18,379 --> 00:08:15,060
core of that smartflex computer is being

72
00:08:20,990 --> 00:08:18,389
used it appears to be operating as

73
00:08:22,820 --> 00:08:21,000
expected that will allow satellite

74
00:08:24,679 --> 00:08:22,830
activation to begin for the tethered

75
00:08:26,480 --> 00:08:24,689
satellite system the crew members also

76
00:08:28,490 --> 00:08:26,490
have been working with a second unit

77
00:08:30,350 --> 00:08:28,500
called the D dcs that's a dedicated

78
00:08:32,930 --> 00:08:30,360
display unit that graphically displays

79
00:08:35,089 --> 00:08:32,940
information about the major components

80
00:08:36,560 --> 00:08:35,099
of the tethered satellite system that

81
00:08:38,779 --> 00:08:36,570
unit is functioning however it is

82
00:08:42,759 --> 00:08:38,789
processing data at a very low level due

83
00:08:46,460 --> 00:08:44,869
however the crew is beginning to step

84
00:08:48,170 --> 00:08:46,470
through the time line getting back on

85
00:08:49,639 --> 00:08:48,180
track as they prepare to activate the

86
00:08:52,429 --> 00:08:49,649
tethered satellite system in

87
00:08:59,360 --> 00:08:52,439
anticipation of its deployment from

88
00:09:02,530 --> 00:08:59,370

Columbia on Saturday afternoon probably

89
00:09:04,819 --> 00:09:02,540
Houston on satellite activation we are

90
00:09:06,740 --> 00:09:04,829
going to ask you to step through

91
00:09:10,879 --> 00:09:06,750
satellite activation yourselves we'll

92
00:09:13,309 --> 00:09:10,889
watch and back you up and at some point