



1977-1978

1978-1979

1979-1980

1
00:01:18,360 --> 00:01:48,700
ah

2
00:02:39,500 --> 00:02:20,880
Oh

3
00:02:49,410 --> 00:02:42,480
good morning Atlantis and happy space

4
00:02:51,030 --> 00:02:49,420
day good morning bill and thanks for the

5
00:02:53,760 --> 00:02:51,040
salute to the military folks this

6
00:02:56,160 --> 00:02:53,770
morning especially those of us in the

7
00:02:59,100 --> 00:02:56,170
Air Force on board celebrating our 50th

8
00:03:00,930 --> 00:02:59,110
anniversary appreciate that well happy

9
00:03:02,610 --> 00:03:00,940
birthday to the Air Force and the music

10
00:03:30,000 --> 00:03:02,620
was courtesy of the West Point cadet

11
00:03:36,089 --> 00:03:33,059
and the bow rack ground team wants to

12
00:03:43,830 --> 00:03:36,099
express their sincere gratitude for that

13
00:03:47,610 --> 00:03:43,840

thank you this is Peter the back chief

14

00:03:49,380 --> 00:03:47,620

project matter etha with Eddie here is

15

00:03:54,240 --> 00:03:49,390

launched I am working your biology

16

00:05:22,300 --> 00:03:54,250

experiment position I can ask a feasible

17

00:05:39,559 --> 00:05:24,950

at last Houston a new orbiter state

18

00:05:45,019 --> 00:05:41,540

I understand we have a naval academy uh

19

00:05:49,309 --> 00:05:45,029

around 77 timeframe 19th company number

20

00:06:56,800 --> 00:05:49,319

down there good to see you down I'll be

21

00:07:55,100 --> 00:07:47,589

you

22

00:07:56,719 --> 00:07:55,110

last time we try a nice area Jerry the

23

00:07:59,089 --> 00:07:56,729

last time we talked you predicted that

24

00:08:00,529 --> 00:07:59,099

you'd be feeling pure joy on this

25

00:08:05,420 --> 00:08:00,539

journey home is that what's going

26
00:08:06,709 --> 00:08:05,430
through you right now absolutely elation

27
00:08:09,529 --> 00:08:06,719
i'll tell you when i saw the shuttle out

28
00:08:11,540 --> 00:08:09,539
the window that was one happy moment it

29
00:08:15,020 --> 00:08:11,550
was a beautiful sight so i predicted

30
00:08:16,670 --> 00:08:15,030
that one correctly well two reasons why

31
00:08:19,189 --> 00:08:16,680
you're pretty happy is that you've got

32
00:08:21,619 --> 00:08:19,199
an 18 month old son named john waiting

33
00:08:23,510 --> 00:08:21,629
for you also your wife Catherine who is

34
00:08:25,640 --> 00:08:23,520
eight months pregnant have you thought

35
00:08:29,600 --> 00:08:25,650
about those first few moments are going

36
00:08:32,389 --> 00:08:29,610
to have with them yes someone I think

37
00:08:34,130 --> 00:08:32,399
that's gonna be pure elation also you

38
00:08:37,490 --> 00:08:34,140

know my son's changed a lot in those 18

39

00:08:40,310 --> 00:08:37,500

months and my wife's grown a bit but

40

00:08:42,860 --> 00:08:40,320

it's going to be a fantastic moment i'm

41

00:08:44,840 --> 00:08:42,870

sure we're just gonna hug a hug each

42

00:08:47,720 --> 00:08:44,850

other and do normal things that people

43

00:08:50,030 --> 00:08:47,730

are separated from loved ones do it's in

44

00:08:52,100 --> 00:08:50,040

fact talking about walking you've been

45

00:08:54,710 --> 00:08:52,110

doing your best to keep in shape while

46

00:08:56,569 --> 00:08:54,720

in space and it's being reported that

47

00:09:00,079 --> 00:08:56,579

you're determined to walk off the

48

00:09:01,550 --> 00:09:00,089

shuttle after it lands why are you so

49

00:09:03,259 --> 00:09:01,560

determined to walk off because some of

50

00:09:06,439 --> 00:09:03,269

the astronauts have been carried off the

51
00:09:08,090 --> 00:09:06,449
shuttle after all the time and space as

52
00:09:10,370 --> 00:09:08,100
you say I've been working very hard and

53
00:09:13,189 --> 00:09:10,380
it's one of my goals to come back in

54
00:09:14,420 --> 00:09:13,199
condition to be able to egress from the

55
00:09:16,370 --> 00:09:14,430
shuttle I think that's important

56
00:09:17,900 --> 00:09:16,380
operationally to know that in an

57
00:09:20,810 --> 00:09:17,910
emergency you'd be able to get off the

58
00:09:22,730 --> 00:09:20,820
shuttle so it's been kind of beyond that

59
00:09:24,740 --> 00:09:22,740
just been a personal goal to keep

60
00:09:27,139 --> 00:09:24,750
running on the treadmill two hours a day

61
00:09:28,880 --> 00:09:27,149
takes a lot of determination and to have

62
00:09:31,160 --> 00:09:28,890
a goal to walk off the shuttle game is

63
00:09:32,720 --> 00:09:31,170

something to shoot for but Mission

64

00:09:34,790 --> 00:09:32,730

Control certainly has had to tell you

65

00:09:36,980 --> 00:09:34,800

prepare you for what you probably will

66

00:09:39,019 --> 00:09:36,990

expect in terms of coming back into

67

00:09:43,639 --> 00:09:39,029

coming back into Earth's atmosphere how

68

00:09:46,009 --> 00:09:43,649

that's going to impact you it's going to

69

00:09:48,170 --> 00:09:46,019

be 50 lakhs physiologically a big

70

00:09:50,030 --> 00:09:48,180

challenge I think I'm gonna have a lot

71

00:09:52,280 --> 00:09:50,040

of adrenaline flowing and I think I'll

72

00:09:54,050 --> 00:09:52,290

be able to get off on my own power

73

00:09:56,329 --> 00:09:54,060

I may have to crawl a little bit to get

74

00:09:57,680 --> 00:09:56,339

out of the orbiter it's very hard even

75

00:10:00,949 --> 00:09:57,690

when you're feeling good to get out of

76
00:10:02,480 --> 00:10:00,959
the orbiter because of the arrangement

77
00:10:04,939 --> 00:10:02,490
the space suit you're wearing you got

78
00:10:06,680 --> 00:10:04,949
the being weighed down by the spacesuit

79
00:10:09,699 --> 00:10:06,690
and of course the first feel of gravity

80
00:10:13,100 --> 00:10:09,709
for for this year basically for myself

81
00:10:14,240 --> 00:10:13,110
last january's left by myself any pull

82
00:10:17,540 --> 00:10:14,250
of gravity so it's going to be

83
00:10:18,920 --> 00:10:17,550
interesting and i'm partially doing it

84
00:10:20,870 --> 00:10:18,930
also as a physician i'm kind of

85
00:10:23,269 --> 00:10:20,880
interested in the response of the human

86
00:10:25,670 --> 00:10:23,279
body to long-duration spaceflight and so

87
00:10:27,019 --> 00:10:25,680
i'm going to test myself you know after

88
00:10:28,699 --> 00:10:27,029

all of this is said and done you're

89

00:10:30,019 --> 00:10:28,709

going to hold the record for having but

90

00:10:31,939 --> 00:10:30,029

you're going to hold the record for

91

00:10:34,999 --> 00:10:31,949

having the longest period in space is an

92

00:10:38,569 --> 00:10:35,009

American astronaut 132 days in space how

93

00:10:39,939 --> 00:10:38,579

does that make you feel actually makes

94

00:10:43,249 --> 00:10:39,949

me feel good because I'm number two

95

00:10:45,170 --> 00:10:43,259

Shannon lucid is ahead of me by a bit

96

00:10:46,730 --> 00:10:45,180

there and I was very glad to see the

97

00:10:50,900 --> 00:10:46,740

shuttle on time because I don't want to

98

00:10:52,939 --> 00:10:50,910

break that record tell me about

99

00:10:55,100 --> 00:10:52,949

undocking from the mirror the last time

100

00:10:57,769 --> 00:10:55,110

we spoke you expressed some concerns

101
00:10:59,509 --> 00:10:57,779
about the safety of aamir Jerry now that

102
00:11:01,220 --> 00:10:59,519
it has a new oxygen generator and some

103
00:11:05,030 --> 00:11:01,230
other equipment are you feeling a little

104
00:11:07,400 --> 00:11:05,040
bit better about the safety of it I feel

105
00:11:09,170 --> 00:11:07,410
better i think mike foale who took my

106
00:11:12,740 --> 00:11:09,180
place is still has some challenges ahead

107
00:11:15,559 --> 00:11:12,750
but we did the best we could get it the

108
00:11:17,199 --> 00:11:15,569
mirror in shape for mike and i think

109
00:11:20,059 --> 00:11:17,209
it's in better condition than it was

110
00:11:24,800 --> 00:11:20,069
Charlie and the crew brought along a lot

111
00:11:27,470 --> 00:11:24,810
more needed supplies equipment and so I

112
00:11:29,629 --> 00:11:27,480
think we're leaving Mike in reasonable

113
00:11:32,000 --> 00:11:29,639

condition on the other hand I think

114

00:11:37,000 --> 00:11:32,010

they're still challenges to be faced and

115

00:11:42,769 --> 00:11:40,150

bikes off to a really good start Jerry

116

00:11:45,650 --> 00:11:42,779

made it diligent effort to inventory

117

00:11:47,660 --> 00:11:45,660

things and show him the way out the best

118

00:11:50,150 --> 00:11:47,670

he could and so I think makes a lot more

119

00:11:52,460 --> 00:11:50,160

comfortable than Jerry himself was at

120

00:11:54,800 --> 00:11:52,470

this point in his mission and so that's

121

00:11:58,460 --> 00:11:54,810

going to be a great start for Mike Jay

122

00:12:00,110 --> 00:11:58,470

we all a big detik credit him for the

123

00:12:01,759 --> 00:12:00,120

work that he did in a very tight

124

00:12:02,900 --> 00:12:01,769

timeline one the shuttle was getting

125

00:12:04,560 --> 00:12:02,910

ready to come aboard he had a lot of

126

00:12:06,960 --> 00:12:04,570

work to do to get it ready

127

00:12:08,370 --> 00:12:06,970

is all right Charles precor thank you so

128

00:12:10,080 --> 00:12:08,380

much for those thoughts also jerry

129

00:12:12,540 --> 00:12:10,090

linenger to the rest of the crew safe

130

00:12:14,640 --> 00:12:12,550

journey home everybody I was going to

131

00:12:16,290 --> 00:12:14,650

say we're all very very proud here in

132

00:12:20,280 --> 00:12:16,300

the metropolitan Detroit area of a

133

00:12:22,470 --> 00:12:20,290

native son four months in space how do

134

00:12:26,970 --> 00:12:22,480

you feel about what kind of an

135

00:12:29,190 --> 00:12:26,980

adjustment have you got coming here I'd

136

00:12:30,870 --> 00:12:29,200

say I've adjusted very well to space and

137

00:12:32,550 --> 00:12:30,880

that means it's going to be maybe a

138

00:12:34,740 --> 00:12:32,560

little tougher adjusting to get back to

139

00:12:37,500 --> 00:12:34,750

earth right now while Pierre I feel as

140

00:12:40,170 --> 00:12:37,510

natural as uh as walking down on earth

141

00:12:43,190 --> 00:12:40,180

six months ago so it's going to be a

142

00:12:47,040 --> 00:12:43,200

readjustment getting my earth legs back

143

00:12:49,110 --> 00:12:47,050

well the next major events from our

144

00:12:51,660 --> 00:12:49,120

point of view as the International Space

145

00:12:53,250 --> 00:12:51,670

Station which we plan on launching the

146

00:12:55,590 --> 00:12:53,260

parts of that beginning next year and

147

00:12:57,780 --> 00:12:55,600

that should become operational sometime

148

00:12:59,400 --> 00:12:57,790

around the year 2000 and we hope that it

149

00:13:01,800 --> 00:12:59,410

will operate for another 10 to 15 years

150

00:13:04,140 --> 00:13:01,810

or more all of this is in preparation

151
00:13:06,240 --> 00:13:04,150
for some day sending humans to Mars and

152
00:13:07,950 --> 00:13:06,250
of course that's the dream of all of

153
00:13:09,750 --> 00:13:07,960
ours to see people go to Mars some day

154
00:13:11,970 --> 00:13:09,760
and expand the human race off the planet

155
00:13:15,390 --> 00:13:11,980
earth and and add some more exciting

156
00:13:17,220 --> 00:13:15,400
places in the universe oh boy jerry

157
00:13:18,690 --> 00:13:17,230
linenger we have this question for you

158
00:13:20,730 --> 00:13:18,700
we know that you were bored mirror could

159
00:13:24,480 --> 00:13:20,740
you tell us what it was like and how you

160
00:13:26,010 --> 00:13:24,490
feel the mission went I think the

161
00:13:28,290 --> 00:13:26,020
mission went very well we had you know

162
00:13:30,210 --> 00:13:28,300
on a percent success accomplished all

163
00:13:32,400 --> 00:13:30,220

the goals that we wanted to accomplish

164

00:13:34,820 --> 00:13:32,410

and we also had some a lot of side

165

00:13:37,680 --> 00:13:34,830

tracks along the way repairing some

166

00:13:38,880 --> 00:13:37,690

equipment aboard mir but overall we had

167

00:13:41,160 --> 00:13:38,890

a great mission and it's been a great

168

00:13:48,400 --> 00:13:41,170

stay and you know once in a lifetime