



SHANNON LUCID
FORMER NASA ASTRONAUT

1
00:00:05,829 --> 00:00:03,990
this is mission control houston

2
00:00:07,909 --> 00:00:05,839
of course as we've been talking about

3
00:00:10,230 --> 00:00:07,919
this cigna spacecraft has been

4
00:00:11,910 --> 00:00:10,240
christened the g david lowe

5
00:00:13,669 --> 00:00:11,920
by the company of course lowe was a

6
00:00:15,110 --> 00:00:13,679
former nasa astronaut he flew three

7
00:00:17,510 --> 00:00:15,120
times went on to work for orbital

8
00:00:19,910 --> 00:00:17,520
science was one of the architects of

9
00:00:21,910 --> 00:00:19,920
this cots demonstration mission

10
00:00:24,710 --> 00:00:21,920
those three missions that he flew sts-32

11
00:00:26,070 --> 00:00:24,720
sts-43 and sts-57

12
00:00:27,750 --> 00:00:26,080
on one of them

13
00:00:29,830 --> 00:00:27,760

one of his colleagues and fellow

14

00:00:32,229 --> 00:00:29,840

astronauts was astronaut shannon lucid

15

00:00:34,549 --> 00:00:32,239

of course lucid was a fixture here at

16

00:00:36,069 --> 00:00:34,559

nasa as both an astronaut and a capcom

17

00:00:37,590 --> 00:00:36,079

we haven't talked to her in a while so

18

00:00:40,069 --> 00:00:37,600

she is now joining us on the phone

19

00:00:42,069 --> 00:00:40,079

shannon how have you been first of all

20

00:00:44,229 --> 00:00:42,079

oh i've been just great and have you

21

00:00:45,670 --> 00:00:44,239

been well we've been busy around here we

22

00:00:47,830 --> 00:00:45,680

miss seeing you around here and hearing

23

00:00:49,590 --> 00:00:47,840

your voice obviously on the loops oh i

24

00:00:51,270 --> 00:00:49,600

really miss working but you know life

25

00:00:52,869 --> 00:00:51,280

goes on

26

00:00:54,310 --> 00:00:52,879

so let's talk about g david lowe you

27

00:00:57,270 --> 00:00:54,320

flew with him back

28

00:00:59,750 --> 00:00:57,280

in 1991 on atlantis let's talk about

29

00:01:01,590 --> 00:00:59,760

that mission a little bit okay

30

00:01:03,110 --> 00:01:01,600

so you know whenever you train with your

31

00:01:04,310 --> 00:01:03,120

colleagues talk a little bit about the

32

00:01:05,670 --> 00:01:04,320

process for that i mean you train for

33

00:01:08,310 --> 00:01:05,680

more than a year sometimes up to two

34

00:01:09,830 --> 00:01:08,320

years like how how close do you become

35

00:01:11,350 --> 00:01:09,840

you know both as colleagues and both as

36

00:01:13,670 --> 00:01:11,360

sort of a you know pseudo family and

37

00:01:17,429 --> 00:01:13,680

what do you remember about g david lowe

38

00:01:19,190 --> 00:01:17,439

well you do uh you train with uh you

39

00:01:20,710 --> 00:01:19,200

know your colleagues for a long period

40

00:01:21,830 --> 00:01:20,720

of time and you get to know them fairly

41

00:01:24,310 --> 00:01:21,840

well

42

00:01:26,630 --> 00:01:24,320

and it you really sort of become a

43

00:01:27,590 --> 00:01:26,640

pseudo family like you said

44

00:01:30,550 --> 00:01:27,600

and

45

00:01:31,590 --> 00:01:30,560

it was really a privilege to be with uh

46

00:01:34,469 --> 00:01:31,600

dave

47

00:01:36,789 --> 00:01:34,479

and it was a lot of fun he was

48

00:01:39,749 --> 00:01:36,799

younger than i was and he wasn't married

49

00:01:42,469 --> 00:01:39,759

at that time but he

50

00:01:44,950 --> 00:01:42,479

you know uh especially john blaha who's

51
00:01:47,190 --> 00:01:44,960
the commander and myself we kept telling

52
00:01:48,630 --> 00:01:47,200
him you know the joys of being married

53
00:01:49,429 --> 00:01:48,640
and

54
00:01:55,270 --> 00:01:49,439
he

55
00:02:00,389 --> 00:01:55,280
person that was doing a flight data file

56
00:02:02,149 --> 00:02:00,399
and so we had a good time uh you know

57
00:02:06,789 --> 00:02:02,159
uh

58
00:02:07,749 --> 00:02:06,799
just a real good time we had so much fun

59
00:02:09,029 --> 00:02:07,759
together

60
00:02:10,229 --> 00:02:09,039
so let's talk about the mission itself

61
00:02:12,949 --> 00:02:10,239
you know i was reading the description

62
00:02:14,470 --> 00:02:12,959
of it and it it's interesting and

63
00:02:16,309 --> 00:02:14,480

it's and it's kind of ironic i guess

64

00:02:17,589 --> 00:02:16,319

that cygnus is now you know named after

65

00:02:19,510 --> 00:02:17,599

him and is flying after the station

66

00:02:21,670 --> 00:02:19,520

carrying a lot of science because that

67

00:02:24,229 --> 00:02:21,680

flight had a ton of science on it that

68

00:02:25,190 --> 00:02:24,239

would sort of be the precursor

69

00:02:27,110 --> 00:02:25,200

to a lot of the stuff that they do

70

00:02:29,830 --> 00:02:27,120

onboard station right now right

71

00:02:31,350 --> 00:02:29,840

it it was and uh

72

00:02:33,350 --> 00:02:31,360

you can correct me if i'm wrong but as

73

00:02:35,910 --> 00:02:33,360

my memory

74

00:02:37,750 --> 00:02:35,920

as i remember i think that flight was a

75

00:02:39,910 --> 00:02:37,760

nine-day flight and that was uh one of

76

00:02:42,390 --> 00:02:39,920

the longest flights up you know at that

77

00:02:45,509 --> 00:02:42,400

time and we were thinking towards spa

78

00:02:47,910 --> 00:02:45,519

station at that time and i know we had

79

00:02:49,589 --> 00:02:47,920

the lower body pressure negative

80

00:02:50,390 --> 00:02:49,599

apparatus on board

81

00:02:52,150 --> 00:02:50,400

and

82

00:02:53,750 --> 00:02:52,160

you know where

83

00:02:56,710 --> 00:02:53,760

dave would get in there and then i would

84

00:02:59,430 --> 00:02:56,720

do ultrasound of his heart and dave was

85

00:03:00,309 --> 00:02:59,440

really really into the science and

86

00:03:02,470 --> 00:03:00,319

wanting

87

00:03:04,949 --> 00:03:02,480

to contribute to

88

00:03:07,270 --> 00:03:04,959

uh you know the further into space

89

00:03:08,869 --> 00:03:07,280

flight and to space station which we

90

00:03:10,630 --> 00:03:08,879

were you know it was just sort of a

91

00:03:13,030 --> 00:03:10,640

gleam in our eye at that time and we

92

00:03:14,869 --> 00:03:13,040

were thinking to the future

93

00:03:16,630 --> 00:03:14,879

yeah i'm reading this it was 32 physical

94

00:03:17,270 --> 00:03:16,640

material and life science experiments

95

00:03:18,550 --> 00:03:17,280

and

96

00:03:20,390 --> 00:03:18,560

they're talking about extended duration

97

00:03:22,149 --> 00:03:20,400

orbiter and space station freedom which

98

00:03:23,589 --> 00:03:22,159

of course was the original incarnation

99

00:03:24,789 --> 00:03:23,599

of the space station but it would go on

100

00:03:25,910 --> 00:03:24,799

to become the international space

101
00:03:28,710 --> 00:03:25,920
station right

102
00:03:30,710 --> 00:03:28,720
right right and it seemed like oh you

103
00:03:31,750 --> 00:03:30,720
know we're going to go for nine days it

104
00:03:34,710 --> 00:03:31,760
seems like

105
00:03:37,270 --> 00:03:34,720
such a stretch at that time

106
00:03:38,789 --> 00:03:37,280
so let's talk about you know you doing

107
00:03:40,869 --> 00:03:38,799
these these science experiments on board

108
00:03:42,869 --> 00:03:40,879
did you have any idea that that you know

109
00:03:44,229 --> 00:03:42,879
several years later that uh you know

110
00:03:45,750 --> 00:03:44,239
this stuff would become what is now the

111
00:03:47,270 --> 00:03:45,760
international space station and you know

112
00:03:48,789 --> 00:03:47,280
now they're doing up to 200 experiments

113
00:03:50,710 --> 00:03:48,799

at a time

114

00:03:52,949 --> 00:03:50,720

i know we

115

00:03:54,229 --> 00:03:52,959

you know we did not know but we

116

00:03:55,910 --> 00:03:54,239

certainly

117

00:03:57,990 --> 00:03:55,920

hoped that

118

00:03:59,589 --> 00:03:58,000

what we were doing and the input that we

119

00:04:01,030 --> 00:03:59,599

made

120

00:04:02,550 --> 00:04:01,040

you know to the design of the

121

00:04:05,670 --> 00:04:02,560

experiments and how we could do them

122

00:04:08,309 --> 00:04:05,680

better we certainly hoped that it would

123

00:04:10,949 --> 00:04:08,319

lead to space station and lead to a

124

00:04:12,630 --> 00:04:10,959

furtherance of science and space

125

00:04:14,309 --> 00:04:12,640

so as you look at this vehicle that just

126

00:04:15,190 --> 00:04:14,319

arrived at the space station here in the

127

00:04:16,710 --> 00:04:15,200

last

128

00:04:17,990 --> 00:04:16,720

few hours and it's got the name of your

129

00:04:19,749 --> 00:04:18,000

former colleague what are your thoughts

130

00:04:21,270 --> 00:04:19,759

on that do you think it's a it's it is

131

00:04:23,830 --> 00:04:21,280

an apropos

132

00:04:26,230 --> 00:04:23,840

name to give this first cygnus vehicle

133

00:04:28,790 --> 00:04:26,240

yes i think it is just absolutely

134

00:04:29,990 --> 00:04:28,800

wonderful and i am so glad that oral did

135

00:04:30,950 --> 00:04:30,000

that i mean

136

00:04:33,030 --> 00:04:30,960

um

137

00:04:34,310 --> 00:04:33,040

i can't think of a better name to give

138

00:04:37,990 --> 00:04:34,320

the vehicle and i can't think of a

139

00:04:40,710 --> 00:04:38,000

better way to honor dave dave was uh

140

00:04:44,230 --> 00:04:40,720

such a space enthusiast enthusiast and

141

00:04:46,629 --> 00:04:44,240

he you know wanted to see uh

142

00:04:50,390 --> 00:04:46,639

space exploration go on he wanted to see

143

00:04:52,150 --> 00:04:50,400

science uh being done in space and you

144

00:04:54,629 --> 00:04:52,160

know he would just be so happy to think

145

00:04:56,150 --> 00:04:54,639

that he's being honored in this way

146

00:04:57,590 --> 00:04:56,160

well shannon we miss you around here we

147

00:04:59,270 --> 00:04:57,600

miss hearing your voice we miss the wake

148

00:05:00,629 --> 00:04:59,280

up calls obviously we uh you know we

149

00:05:02,710 --> 00:05:00,639

hope to see you around here at some

150

00:05:04,870 --> 00:05:02,720

other point but we also hope that uh

151

00:05:06,469 --> 00:05:04,880

you're enjoying your time off and uh not

152

00:05:09,029 --> 00:05:06,479

working too much

153

00:05:11,110 --> 00:05:09,039

well life is going on and life is good

154

00:05:12,950 --> 00:05:11,120

and i miss all of y'all too

155

00:05:15,430 --> 00:05:12,960

and i'm glad that we had this

156

00:05:17,110 --> 00:05:15,440

opportunity to honor dave today well