



MEGAN  
McARTHUR

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NASA ASTRONAUT

1  
00:00:01,835 --> 00:00:03,403  
>> MY NAME IS MEGAN MCARTHUR.

2  
00:00:03,403 --> 00:00:04,704  
I'M THE PILOT FOR NASA'S

3  
00:00:04,704 --> 00:00:06,206  
SPACEX CREW-2 MISSION

4  
00:00:06,206 --> 00:00:06,973  
TO THE INTERNATIONAL

5  
00:00:06,973 --> 00:00:08,942  
SPACE STATION.

6  
00:00:10,276 --> 00:00:11,378  
I FIRST THOUGHT

7  
00:00:11,378 --> 00:00:12,479  
OF BECOMING AN ASTRONAUT

8  
00:00:12,479 --> 00:00:13,246  
WHEN I WAS IN HIGH SCHOOL.

9  
00:00:13,246 --> 00:00:15,115  
SO, MY DAD WAS A NAVY PILOT,

10  
00:00:15,115 --> 00:00:15,849  
AND SO I FIRST THOUGHT,

11  
00:00:15,849 --> 00:00:17,150  
"WELL, I'D LOVE TO BE A PILOT."

12  
00:00:17,150 --> 00:00:18,518  
WE LIVED AT MOFFETT FIELD

13  
00:00:18,518 --> 00:00:19,252

NAVAL AIR STATION,

14

00:00:19,252 --> 00:00:19,986

WHICH WAS CONNECTED

15

00:00:19,986 --> 00:00:21,154

WITH AMES RESEARCH CENTER.

16

00:00:21,154 --> 00:00:22,088

WE WOULD HEAR THE-THE WIND

17

00:00:22,088 --> 00:00:23,156

TUNNELS GOING, YOU KNOW,

18

00:00:23,156 --> 00:00:24,090

AT ALL HOURS OF THE DAY

19

00:00:24,090 --> 00:00:25,692

AND NIGHT, AND, UM, ALSO,

20

00:00:25,692 --> 00:00:26,793

IT'S WHERE SHUTTLE ASTRONAUTS

21

00:00:26,793 --> 00:00:28,661

WOULD COME TO DO THEIR LANDING

22

00:00:28,661 --> 00:00:29,729

AND ROLLOUT TRAINING,

23

00:00:29,729 --> 00:00:31,231

AND SO I-I S-- WOULD SEE THEM,

24

00:00:31,231 --> 00:00:31,765

YOU KNOW, COME

25

00:00:31,765 --> 00:00:32,999

IN THEIR T-38 JETS

26

00:00:32,999 --> 00:00:34,067

AND-AND GET OUT

27

00:00:34,067 --> 00:00:34,934

IN THEIR SPIFFY BLUE S--

28

00:00:34,934 --> 00:00:35,468

FLIGHT SUITS,

29

00:00:35,468 --> 00:00:36,436

AND-AND WALK IN

30

00:00:36,436 --> 00:00:37,404

TO-TO DO THEIR TRAINING,

31

00:00:37,404 --> 00:00:38,004

AND I THOUGHT, "WELL,

32

00:00:38,004 --> 00:00:38,838

THAT-THAT LOOKS LIKE FUN.

33

00:00:38,838 --> 00:00:40,140

HOW DO I GET THAT JOB?"

34

00:00:40,140 --> 00:00:41,441

UM, AND I-AND I KNEW

35

00:00:41,441 --> 00:00:42,709

THAT IT WAS A LONG SHOT, RIGHT?

36

00:00:42,709 --> 00:00:43,710

BUT I-BUT I ALSO KNEW

37

00:00:43,710 --> 00:00:44,711

THAT I WANTED TO BE A PART

38

00:00:44,711 --> 00:00:45,712

OF SOMETHING LIKE THAT, RIGHT?

39

00:00:45,712 --> 00:00:47,080

A PART OF THIS BIGGER THING

40

00:00:47,080 --> 00:00:49,182

OF EXPLORATION.

41

00:00:50,617 --> 00:00:51,584

AND THEN I KINDA

42

00:00:51,584 --> 00:00:52,519

TOOK THIS LEFT TURN

43

00:00:52,519 --> 00:00:54,120

INTO OCEANOGRAPHY, BUT REALLY,

44

00:00:54,120 --> 00:00:55,622

IT'S ALL ABOUT EXPLORATION.

45

00:00:55,622 --> 00:00:56,389

WE'RE NOT BETTER EQUIPPED

46

00:00:56,389 --> 00:00:57,957

TO SURVIVE UNDERWATER,

47

00:00:57,957 --> 00:00:58,625

YOU KNOW, ANY BETTER

48

00:00:58,625 --> 00:00:59,392

THAN WE ARE IN OUTER SPACE,

49

00:00:59,392 --> 00:01:00,560

AND SO, WE NEED TECHNOLOGY

50

00:01:00,560 --> 00:01:02,095

TO HELP US EXPLORE THOSE AREAS.

51  
00:01:02,095 --> 00:01:03,229  
SO HOW DO WE DO THOSE THINGS?

52  
00:01:03,229 --> 00:01:04,564  
YOU KNOW, WE CAN SEND ROVERS,

53  
00:01:04,564 --> 00:01:05,899  
WE CAN SEND PEOPLE, YOU KNOW,

54  
00:01:05,899 --> 00:01:06,466  
WE HAVE TO BUILD

55  
00:01:06,466 --> 00:01:07,333  
THE RIGHT KIND OF MACHINES

56  
00:01:07,333 --> 00:01:08,067  
TO SUPPORT THAT.

57  
00:01:08,067 --> 00:01:08,535  
AND SO,

58  
00:01:08,535 --> 00:01:09,869  
THERE'S A LOT OF PARALLELS.

59  
00:01:09,869 --> 00:01:10,637  
FROM GRADUATE SCHOOL

60  
00:01:10,637 --> 00:01:11,171  
IN OCEANOGRAPHY,

61  
00:01:11,171 --> 00:01:11,938  
I KIND OF JUST--

62  
00:01:11,938 --> 00:01:13,373  
I ALWAYS HAD THIS IDEA

63  
00:01:13,373 --> 00:01:14,340

IN THE BACK OF MY MIND,

64

00:01:14,340 --> 00:01:15,575

AND I WENT AHEAD AND APPLIED,

65

00:01:15,575 --> 00:01:17,710

AND-AND I GOT REALLY LUCKY.

66

00:01:18,478 --> 00:01:19,813

EVERY LAUNCH EXPERIENCE

67

00:01:19,813 --> 00:01:20,947

IS VERY UNIQUE

68

00:01:20,947 --> 00:01:22,081

TO THE INDIVIDUAL.

69

00:01:22,081 --> 00:01:22,916

YOU KNOW, WE CLIMBED ABOARD,

70

00:01:22,916 --> 00:01:23,716

AND THERE'S THAT PERIOD

71

00:01:23,716 --> 00:01:25,018

OF WAITING, AND I--

72

00:01:25,018 --> 00:01:25,752

YOU ACTUALLY GET

73

00:01:25,752 --> 00:01:26,519

A LITTLE BIT UNCOMFORTABLE,

74

00:01:26,519 --> 00:01:27,053

YOU KNOW?

75

00:01:27,053 --> 00:01:28,655

YOUR BODY STARTS TO-TO CRAMP UP,

76

00:01:28,655 --> 00:01:29,389

AND YOU'RE READY TO-

77

00:01:29,389 --> 00:01:31,257

YOU'RE READY TO GO.

78

00:01:34,894 --> 00:01:35,328

AND THEN,

79

00:01:35,328 --> 00:01:36,596

WHEN THE ACTUAL LAUNCH GOES,

80

00:01:36,596 --> 00:01:37,764

IT-IT'S INDESCRIBABLE.

81

00:01:37,764 --> 00:01:39,165

IT'S SO MUCH ENERGY.

82

00:01:39,165 --> 00:01:42,101

YOU ARE MOVING SO FAST.

83

00:01:42,101 --> 00:01:43,436

ONE OF MY MAIN FOCUSES

84

00:01:43,436 --> 00:01:44,170

WAS CAPTURING

85

00:01:44,170 --> 00:01:45,371

THIS FREE-FLYING VEHICLE,

86

00:01:45,371 --> 00:01:46,840

THE HUBBLE SPACE TELESCOPE.

87

00:01:46,840 --> 00:01:47,841

THE REALLY COMPLICATED

88

00:01:47,841 --> 00:01:49,342

## SPACEWALKS THAT WERE PLANNED OUT

89

00:01:49,342 --> 00:01:50,176

FIVE SPACEWALKS

90

00:01:50,176 --> 00:01:51,344

BACK-TO-BACK-TO-BACK,

91

00:01:51,344 --> 00:01:51,911

SO IT WAS JUST

92

00:01:51,911 --> 00:01:53,213

THIS TREMENDOUS

93

00:01:53,213 --> 00:01:54,481

RUSH OF ACTIVITY,

94

00:01:54,481 --> 00:01:56,015

UM, FOR, REALLY, ELEVEN DAYS,

95

00:01:56,015 --> 00:01:56,850

UNTIL WE WERE READY

96

00:01:56,850 --> 00:01:58,551

TO LET THE TELESCOPE GO.

97

00:01:58,551 --> 00:02:02,722

>> THREE, TWO, ONE, RELEASE.

98

00:02:02,722 --> 00:02:03,957

I'M BACKING AWAY.

99

00:02:03,957 --> 00:02:06,659

CLEAR THE ANTENNA.

100

00:02:06,659 --> 00:02:07,260

>> WE DREAMED

101

00:02:07,260 --> 00:02:08,695

THESE AMAZING DREAMS,

102

00:02:08,695 --> 00:02:10,330

WE HAVE THESE HUGE GOALS,

103

00:02:10,330 --> 00:02:11,931

AND WE'RE GOING TO BE SUCCESSFUL

104

00:02:11,931 --> 00:02:13,967

WHEN WE WORK ON THEM, TOGETHER.

105

00:02:15,568 --> 00:02:16,469

WHEN YOU THINK ABOUT

106

00:02:16,469 --> 00:02:18,338

THE INTERNATIONAL SPACE STATION

107

00:02:18,338 --> 00:02:20,406

AND THE SIZE OF THAT VEHICLE

108

00:02:20,406 --> 00:02:22,041

AND THE BREADTH OF SCIENCE

109

00:02:22,041 --> 00:02:23,343

THAT GETS ACCOMPLISHED

110

00:02:23,343 --> 00:02:24,177

ON THAT VEHICLE WITH

111

00:02:24,177 --> 00:02:25,044

ALL OF THE DIFFERENT COUNTRIES

112

00:02:25,044 --> 00:02:26,379

THAT ARE PARTICIPATING,

113

00:02:26,379 --> 00:02:27,514

AND THEN NOW, WE'RE--

114

00:02:27,514 --> 00:02:29,315

WE'VE ADDED COMMERCIAL PARTNERS,

115

00:02:29,315 --> 00:02:30,750

WHERE THEY HAVE A VEHICLE

116

00:02:30,750 --> 00:02:32,352

THAT WE ARE USING TO GET US

117

00:02:32,352 --> 00:02:34,354

TO OUR SPACE LABORATORY.

118

00:02:37,190 --> 00:02:38,925

WE HAVE THESE BIG DREAMS

119

00:02:38,925 --> 00:02:39,792

WHERE WE LOOK OUT

120

00:02:39,792 --> 00:02:41,127

TO THE HORIZON,

121

00:02:41,127 --> 00:02:42,595

AND THIS DESIRE TO EXPLORE

122

00:02:42,595 --> 00:02:43,596

THE UNIVERSE AROUND US,

123

00:02:43,596 --> 00:02:44,764

AND WE'RE-WE'RE ALWAYS GOING

124

00:02:44,764 --> 00:02:47,000

TO BE MORE SUCCESSFUL

125

00:02:47,000 --> 00:02:48,635

WHEN WE WORK TOGETHER TO ACHIEVE

