



1
00:00:00,000 --> 00:00:10,584
music

2
00:00:10,619 --> 00:00:11,473
here at Marshall

3
00:00:11,508 --> 00:00:13,040
we have over fifty years

4
00:00:13,075 --> 00:00:14,841
of solving challenges

5
00:00:14,876 --> 00:00:15,720
beyond the wildest

6
00:00:15,755 --> 00:00:17,241
of their dreams

7
00:00:17,276 --> 00:00:18,481
Not because they are easy

8
00:00:18,516 --> 00:00:20,337
but because they are hard

9
00:00:20,372 --> 00:00:21,505
engines on

10
00:00:21,540 --> 00:00:22,369
5

11
00:00:22,404 --> 00:00:23,049
4

12
00:00:23,084 --> 00:00:23,809
3

13
00:00:23,844 --> 00:00:24,666

2

14

00:00:24,701 --> 00:00:27,104

All Engines running

15

00:00:27,139 --> 00:00:30,169

Houston tranquility base here

16

00:00:30,204 --> 00:00:32,201

the eagle has landed

17

00:00:32,236 --> 00:00:34,297

It's one small step for man

18

00:00:34,332 --> 00:00:38,040

one giant leap for mankind

19

00:00:38,075 --> 00:00:40,633

Marshall really has

20

00:00:40,668 --> 00:00:42,665

the engineering capability

21

00:00:42,700 --> 00:00:44,568

to take the space vehicle

22

00:00:44,603 --> 00:00:46,312

from the drawing board

23

00:00:46,347 --> 00:00:49,232

to operations

24

00:00:49,267 --> 00:00:50,224

a machine that can navigate

25

00:00:50,259 --> 00:00:51,041

a hostile

26

00:00:51,076 --> 00:00:52,241

airless world

27

00:00:52,276 --> 00:00:53,513

is one of the hardest challenges

28

00:00:53,548 --> 00:00:56,129

in space exploration

29

00:00:56,164 --> 00:00:57,017

build vehicles and

30

00:00:57,052 --> 00:00:58,401

systems that can self-diagnose

31

00:00:58,436 --> 00:01:00,297

and solve issues in flight

32

00:01:00,332 --> 00:01:03,632

Marshall creates the systems

33

00:01:03,667 --> 00:01:06,121

that humans need to thrive in space

34

00:01:06,156 --> 00:01:09,232

Large space structures

35

00:01:09,267 --> 00:01:10,641

and their supporting space

36

00:01:10,676 --> 00:01:12,449

systems

37

00:01:12,484 --> 00:01:17,057

pushing the boundaries of human frontiers

38

00:01:17,092 --> 00:01:19,848

Scientific instruments, experiments and space craft

39

00:01:19,883 --> 00:01:23,897

that gather vital information about earth and space

40

00:01:23,932 --> 00:01:24,625

how the sun works

41

00:01:24,660 --> 00:01:25,865

why it changes

42

00:01:25,900 --> 00:01:29,145

and how these changes impact earth

43

00:01:29,180 --> 00:01:31,913

investigation phenomena at the edge of time itself

44

00:01:31,948 --> 00:01:38,905

why, because somewhere something incredible is waiting to be known

45

00:01:38,940 --> 00:01:45,409

we do the hard stuff

46

00:01:45,444 --> 00:01:47,049

start to finish

47

00:01:47,084 --> 00:01:49,233

to insure our nation can send humans

48

00:01:49,268 --> 00:01:51,440

beyond earth and into deep space

49

00:01:51,475 --> 00:01:53,369

we always have