



1
00:00:00,006 --> 00:00:11,546
[Music]

2
00:00:11,546 --> 00:00:14,056
[Ed Aldridge:] I have never
been as excited about anything

3
00:00:14,056 --> 00:00:17,026
as I am on this program.

4
00:00:17,026 --> 00:00:18,936
[Scott Wilson:] This is kind
of a day we've been waiting

5
00:00:18,986 --> 00:00:21,966
for for a long, long time.

6
00:00:21,966 --> 00:00:29,166
[Music]

7
00:00:29,166 --> 00:00:31,986
[Jules Schneider:] It's a
different approach for Florida

8
00:00:31,986 --> 00:00:34,866
in general and Kennedy
Space Center.

9
00:00:36,156 --> 00:00:38,646
[Unknown:] For the first time
ever a spacecraft will be built

10
00:00:38,726 --> 00:00:39,476
here on-site.

11
00:00:39,846 --> 00:00:42,416
[Andrew Biondi:] We're
going to build, assemble

12

00:00:42,416 --> 00:00:47,026

and test an entire space
vehicle here at the O and C Building.

13

00:00:47,376 --> 00:00:49,426

[James Bray:] We have a great
history with this building.

14

00:00:49,426 --> 00:00:51,476

I mean, the Apollo
modules were done here.

15

00:00:51,476 --> 00:00:53,736

A lot of the space station
elements were done here,

16

00:00:53,896 --> 00:00:56,526

and this just continues a
long tradition for NASA.

17

00:00:56,636 --> 00:01:01,496

In 1972, NASA flew the
last Apollo mission.

18

00:01:01,966 --> 00:01:04,276

In 2014, some 40 years later,

19

00:01:04,806 --> 00:01:06,876

we're going to again go
beyond low Earth orbit

20

00:01:06,936 --> 00:01:12,016

with this spacecraft.

21

00:01:12,196 --> 00:01:13,526

[Josh Hopkins:] Actually, I
came down here for this event,

22

00:01:13,706 --> 00:01:14,836

to see the Ground Test Article

23

00:01:14,836 --> 00:01:17,156
and the Orion flight
test vehicle for EFT-1.

24

00:01:17,656 --> 00:01:26,076
[Music]

25

00:01:26,576 --> 00:01:28,426
[Robert Cabana:] And the
vehicle that we see here today,

26

00:01:28,536 --> 00:01:29,896
it's not a PowerPoint chart.

27

00:01:30,416 --> 00:01:32,496
It's a real spacecraft.

28

00:01:32,996 --> 00:01:42,936
[Music]

29

00:01:43,436 --> 00:01:44,826
[Amy Marasia:] EFT-1
will be outfitted

30

00:01:44,956 --> 00:01:47,216
with the avionics,
propulsion system.

31

00:01:47,586 --> 00:01:49,196
[Brittany Drenkow:] We'll be
putting real thrusters on there

32

00:01:49,236 --> 00:01:50,286
because it's really
going to fly.

33

00:01:50,646 --> 00:01:51,366

Lots of wiring.

34

00:01:51,666 --> 00:01:53,126

A lot more components on there.

35

00:01:53,126 --> 00:01:54,656

You'll see it become
very populated.

36

00:01:57,216 --> 00:01:58,516

[James Bray:] We're going to
take it to an altitude that's

37

00:01:58,516 --> 00:02:01,166

about 15 times higher than
what we go for space station,

38

00:02:01,496 --> 00:02:04,956

and it's going to come back in
at speeds that are very close

39

00:02:05,076 --> 00:02:08,136

to what we need for
a lunar re-entry.

40

00:02:08,276 --> 00:02:11,376

[Laura Rouillier:] I think it's
very exciting to see Orion.