



1
00:00:03,750 --> 00:00:01,750
hi i'm nasty kennedy's business

2
00:00:06,150 --> 00:00:03,760
management systems intern tyler wilheit

3
00:00:10,709 --> 00:00:06,160
and i am outside ksc taking you

4
00:00:14,549 --> 00:00:12,709
the interim cryogenic propulsion stage

5
00:00:16,070 --> 00:00:14,559
for nasa's artemis one mission

6
00:00:18,470 --> 00:00:16,080
moved into kennedy's multi-payload

7
00:00:20,310 --> 00:00:18,480
processing facility on february 18

8
00:00:22,390 --> 00:00:20,320
to be processed for flight alongside the

9
00:00:24,230 --> 00:00:22,400
orion spacecraft

10
00:00:26,230 --> 00:00:24,240
both pieces will be fueled and serviced

11
00:00:28,790 --> 00:00:26,240
by teams with nasa's exploration ground

12
00:00:30,870 --> 00:00:28,800
systems and jacob's technology

13
00:00:33,590 --> 00:00:30,880

technicians have also added the nasa

14
00:00:35,190 --> 00:00:33,600
meatball and european space agency logos

15
00:00:37,510 --> 00:00:35,200
to the fairings covering the european

16
00:00:38,950 --> 00:00:37,520
service module on the orion spacecraft

17
00:00:41,510 --> 00:00:38,960
representing the strong international

18
00:00:43,190 --> 00:00:41,520
partnership for artemis 1.

19
00:00:45,590 --> 00:00:43,200
artemis 1 will test the space launch

20
00:00:47,270 --> 00:00:45,600
system rocket and orion spacecraft

21
00:00:49,110 --> 00:00:47,280
paving the way for future missions to

22
00:00:51,590 --> 00:00:49,120
land the first woman and next man

23
00:00:53,270 --> 00:00:51,600
on the moon scientists with kennedy's

24
00:00:53,830 --> 00:00:53,280
exploration research and technology

25
00:00:55,590 --> 00:00:53,840
programs

26
00:00:57,590 --> 00:00:55,600
recently prepared containers of plant

27
00:00:59,430 --> 00:00:57,600
seeds to fly in space

28
00:01:01,270 --> 00:00:59,440
the containers are part of the materials

29
00:01:04,469 --> 00:01:01,280
international space station experiment

30
00:01:06,469 --> 00:01:04,479
or missy the experiment flew to the

31
00:01:08,550 --> 00:01:06,479
space station on february 20th aboard

32
00:01:10,550 --> 00:01:08,560
northrop grumman's cygnus spacecraft as

33
00:01:12,469 --> 00:01:10,560
a payload on the ng-15 commercial

34
00:01:14,310 --> 00:01:12,479
resupply mission

35
00:01:16,149 --> 00:01:14,320
more than 10 varieties of plant seeds

36
00:01:17,109 --> 00:01:16,159
including lettuce radish tomato and

37
00:01:18,950 --> 00:01:17,119
cauliflower

38
00:01:20,630 --> 00:01:18,960

will be exposed to the space environment

39

00:01:23,590 --> 00:01:20,640

for six months in the station's

40

00:01:25,270 --> 00:01:23,600

missing testing facility data gathered

41

00:01:26,870 --> 00:01:25,280

in space and after the seeds returned to

42

00:01:27,749 --> 00:01:26,880

earth will help researchers understand

43

00:01:29,990 --> 00:01:27,759

the effect

44

00:01:31,510 --> 00:01:30,000

of space radiation on sea quality and

45

00:01:33,270 --> 00:01:31,520

storage

46

00:01:35,030 --> 00:01:33,280

the ability to store seeds and grow

47

00:01:36,789 --> 00:01:35,040

crops in space will help enable

48

00:01:38,830 --> 00:01:36,799

astronauts to undertake long duration

49

00:01:41,510 --> 00:01:38,840

exploration missions beyond low earth

50

00:01:52,830 --> 00:01:41,520

orbit for more inside ksc check us out

