



1
00:00:00,000 --> 00:00:02,129
Hi! My name is Jessica Vos. I'm an

2
00:00:02,129 --> 00:00:03,510
engineer here at Johnson Space Center

3
00:00:03,510 --> 00:00:05,520
for the Orion vehicle. And my name is

4
00:00:05,520 --> 00:00:07,859
Takiyah Sirmons I'm a food scientist here in the

5
00:00:07,859 --> 00:00:10,559
Space Food Systems Laboratory. We're here

6
00:00:10,559 --> 00:00:13,259
today because a Orion's Exploration Mission-2

7
00:00:13,259 --> 00:00:15,150
mission has us going around the moon

8
00:00:15,150 --> 00:00:17,010
without being attached to any sort of

9
00:00:17,010 --> 00:00:19,410
habitation module. So in order to

10
00:00:19,410 --> 00:00:21,029
complete that mission we need to pack

11
00:00:21,029 --> 00:00:23,789
all the food that we need for four crew for

12
00:00:23,789 --> 00:00:26,760
like 10 to 14 days. That's quite a bit of

13
00:00:26,760 --> 00:00:28,500

mass and volume that we're talking about

14

00:00:28,500 --> 00:00:30,539

so I've tasked the Space Food Systems

15

00:00:30,539 --> 00:00:33,030

Laboratory to help me out with this.

16

00:00:33,030 --> 00:00:35,070

So these are just a few of the meal replacement

17

00:00:35,070 --> 00:00:36,690

bars that we have scheduled to go on the

18

00:00:36,690 --> 00:00:39,120

Orion vehicle. We have the banana nut bar,

19

00:00:39,120 --> 00:00:41,879

orange cranberry bar, ginger vanilla bar, and

20

00:00:41,879 --> 00:00:44,730

BBQ nut bar, each totaling about 700 to 800

21

00:00:44,730 --> 00:00:47,760

calories. So it's a huge meal replacement.

22

00:00:47,760 --> 00:00:48,809

Jessica is going to taste those here

23

00:00:48,809 --> 00:00:50,340

with us today. So we have some human

24

00:00:50,340 --> 00:00:51,930

studies going on that will tell us

25

00:00:51,930 --> 00:00:53,760

whether or not people could eat bars

26

00:00:53,760 --> 00:00:55,289

every day or they need to eat them every

27

00:00:55,289 --> 00:00:57,210

five days or every seven days or they

28

00:00:57,210 --> 00:00:58,320

don't like bars at all.

29

00:00:58,320 --> 00:01:00,989

Alright! Well I'm excited to see how that

30

00:01:00,989 --> 00:01:16,970

study turns out and meantime...