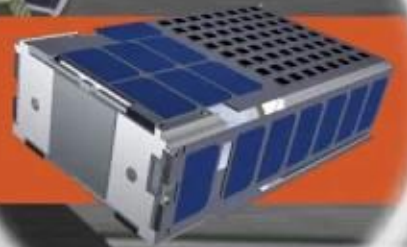




KIMBERLY ROBINSON
SECONDARY PAYLOADS MANAGER



1
00:00:00,000 --> 00:00:03,399
Hi, I'm Kimberly Robinson and
I'm the secondary payloads

2
00:00:03,399 --> 00:00:07,403
manager at NASA Marshall and
this is SLS in Sixty Seconds.

3
00:00:07,403 --> 00:00:10,031
■■■■■

4
00:00:10,031 --> 00:00:12,742
NASA's new rocket the
Space Launch System

5
00:00:12,742 --> 00:00:15,494
will carry the Orion spacecraft
on a three week mission

6
00:00:15,494 --> 00:00:16,662
around the moon.

7
00:00:16,662 --> 00:00:19,874
■■■■■

8
00:00:19,874 --> 00:00:22,460
So secondary payloads are science
experiments that are about

9
00:00:22,460 --> 00:00:25,129
the size of a large shoe box.
They are hitching a ride

10
00:00:25,129 --> 00:00:28,883
on SLS in the Orion Stage Adapter
to deep space where

11
00:00:28,883 --> 00:00:30,342
they will conduct their own

research.

12

00:00:30,342 --> 00:00:33,721



13

00:00:33,721 --> 00:00:36,098

One of the experiments that Marshall is managing is called

14

00:00:36,098 --> 00:00:38,476

NEA Scout and it will use solar sail propulsion

15

00:00:38,476 --> 00:00:41,062

to travel to an asteroid to study it for future human

16

00:00:41,062 --> 00:00:42,104

exploration.

17

00:00:42,104 --> 00:00:44,982



18

00:00:44,982 --> 00:00:48,360

Payloads can be released at five different altitudes

19

00:00:48,360 --> 00:00:51,697

or distances from the Earth.

What we like to call bus stops.

20

00:00:51,697 --> 00:00:54,742

The first bus stop is just past the first Van Allen Belt and