
INSIDE
KSC!

1
00:00:01,310 --> 00:00:11,650
NASA's Space Launch System rocket will roar into space from Launch Pad 39B at Kennedy

2
00:00:11,650 --> 00:00:12,809
Space Center.

3
00:00:12,809 --> 00:00:16,120
The flame trench beneath the pad is being upgraded to support the launch of the rocket

4
00:00:16,120 --> 00:00:20,619
for Exploration Mission-1, deep space missions, and the Journey to Mars.

5
00:00:20,619 --> 00:00:24,820
Segments of a new flame deflector were lifted by crane and lowered into position in the

6
00:00:24,820 --> 00:00:29,429
flame trench, about six feet south of the shuttle-era’s flame deflector position.

7
00:00:29,429 --> 00:00:33,330
The new design – catering to a brand new rocket - will provide easier access for inspection,

8
00:00:33,330 --> 00:00:34,330
maintenance and repair.

9
00:00:34,330 --> 00:00:40,890
The Interim Cryogenic Propulsion Stage, or ICPS, for the Space Launch System rocket was

10
00:00:40,890 --> 00:00:44,500
lifted and moved to the Space Station Processing Facility high bay.

11
00:00:44,500 --> 00:00:48,760

When assembled, this section of the rocket
will be located at the very top, just below

12
00:00:48,760 --> 00:00:50,080
the Orion capsule.

13
00:00:50,080 --> 00:00:55,240
During Exploration Mission-1 – NASA’s
first test mission of Orion and the SLS rocket,

14
00:00:55,240 --> 00:01:00,760
the ICPS, filled with liquid oxygen and liquid
hydrogen, will give Orion the big push needed