



INSIDE KSC!

AND REMEMBER...
Spaceport Magazine
digs deeper ***Inside KSC!***

1
00:00:06,039 --> 00:00:02,690
hi I'm NASA Kennedy's Carla cookie and

2
00:00:08,390 --> 00:00:06,049
I'm taking you inside KSC

3
00:00:10,370 --> 00:00:08,400
at Vandenberg Air Force Base in

4
00:00:11,930 --> 00:00:10,380
California the payload fairing has been

5
00:00:14,209 --> 00:00:11,940
installed on Dunn Northrop Grumman

6
00:00:16,849 --> 00:00:14,219
Pegasus XL rocket that will launch

7
00:00:19,609 --> 00:00:16,859
NASA's ionospheric connection Explorer

8
00:00:22,490 --> 00:00:19,619
or icon the satellite is being prepared

9
00:00:24,349 --> 00:00:22,500
for launch on a Pegasus XL rocket which

10
00:00:27,589 --> 00:00:24,359
will be carried aloft by the company's

11
00:00:29,870 --> 00:00:27,599
I-1011 stargazer aircraft the jet with

12
00:00:31,130 --> 00:00:29,880
the Pegasus XL attached will fly from

13
00:00:33,500 --> 00:00:31,140

Vandenberg where it was processed

14

00:00:36,979 --> 00:00:33,510

through the skid strip at Cape Canaveral

15

00:00:38,810 --> 00:00:36,989

Air Force Station on October 26 the

16

00:00:40,610 --> 00:00:38,820

stargazer is scheduled to take off from

17

00:00:43,220 --> 00:00:40,620

the Cape while flying over the Atlantic

18

00:00:45,440 --> 00:00:43,230

Ocean the Pegasus XL will be dropped

19

00:00:48,080 --> 00:00:45,450

with the engine igniting five seconds

20

00:00:50,240 --> 00:00:48,090

later becoming the sixth mission for the

21

00:00:53,209 --> 00:00:50,250

Kennedy Space Center's launch services

22

00:00:55,160 --> 00:00:53,219

programs this year Ikon will study the

23

00:00:56,990 --> 00:00:55,170

frontier of space the zone high in

24

00:00:59,689 --> 00:00:57,000

Earth's atmosphere will terrestrial

25

00:01:01,700 --> 00:00:59,699

weather meets weather and space Mike

26

00:01:03,529 --> 00:01:01,710

Kennedy's launch complex 39b

27

00:01:05,479 --> 00:01:03,539

the pads ignition overpressure

28

00:01:08,270 --> 00:01:05,489

protection and sound suppression water

29

00:01:10,250 --> 00:01:08,280

deluge system underwent to flow tests

30

00:01:12,830 --> 00:01:10,260

this week the testing is part of

31

00:01:14,679 --> 00:01:12,840

exploration ground systems preparation

32

00:01:17,300 --> 00:01:14,689

for the new Space Launch System rocket

33

00:01:20,780 --> 00:01:17,310

during launch this water deluge system

34

00:01:23,179 --> 00:01:20,790

releases approximately 450,000 gallons

35

00:01:25,580 --> 00:01:23,189

of water across the mobile launcher and

36

00:01:27,890 --> 00:01:25,590

flame deflector to reduce the extreme

37

00:01:31,399 --> 00:01:27,900

heat and energy generated by the rocket

38

00:01:34,010 --> 00:01:31,409

during ignition and liftoff and remember

39

00:01:35,240 --> 00:01:34,020

spaceport magazine digs deeper inside