

MARSHALL
SPACE FLIGHT CENTER
2020



1
00:00:03,110 --> 00:00:01,670

[Music]

2
00:00:05,030 --> 00:00:03,120
during 2020

3
00:00:07,110 --> 00:00:05,040
a year that required social distancing

4
00:00:09,190 --> 00:00:07,120
and telework due to covid19

5
00:00:12,709 --> 00:00:09,200
the nasa marshall team continued to make

6
00:00:14,709 --> 00:00:12,719
progress toward the artemis mission

7
00:00:16,470 --> 00:00:14,719
the space launch system's core stage was

8
00:00:19,910 --> 00:00:16,480
transported and installed at stennis

9
00:00:21,990 --> 00:00:19,920
space center for green run testing

10
00:00:23,830 --> 00:00:22,000
the final artemis one booster hardware

11
00:00:26,950 --> 00:00:23,840
was delivered to kennedy space center

12
00:00:29,589 --> 00:00:26,960
for integration and stacking meanwhile

13
00:00:30,470 --> 00:00:29,599

progress continued for artemis 2 and 3

14

00:00:33,430 --> 00:00:30,480

at marshall

15

00:00:35,030 --> 00:00:33,440

and nasa's machu assembly facility the

16

00:00:37,270 --> 00:00:35,040

space launch system program

17

00:00:38,310 --> 00:00:37,280

also completed a successful solid rocket

18

00:00:40,470 --> 00:00:38,320

booster test

19

00:00:41,830 --> 00:00:40,480

proving capabilities for future artemis

20

00:00:43,590 --> 00:00:41,840

missions

21

00:00:45,430 --> 00:00:43,600

the human landing system program

22

00:00:47,190 --> 00:00:45,440

announced three commercial companies

23

00:00:48,869 --> 00:00:47,200

that will compete to develop the vehicle

24

00:00:51,750 --> 00:00:48,879

to return humans to the moon

25

00:00:53,990 --> 00:00:51,760

for artists one nasa announced that

26

00:00:56,470 --> 00:00:54,000

solar cruiser mission will send an 18

27

00:00:58,389 --> 00:00:56,480

000 square foot solar sail into space to

28

00:01:01,189 --> 00:00:58,399

demonstrate the propulsion technology

29

00:01:03,830 --> 00:01:01,199

for scientific discovery

30

00:01:07,030 --> 00:01:03,840

and as nasa's chandra x-ray observatory

31

00:01:09,350 --> 00:01:07,040

marked its 21st year in space

32

00:01:10,310 --> 00:01:09,360

the imaging x-ray preliminary explorer

33

00:01:12,710 --> 00:01:10,320

or xp

34

00:01:13,990 --> 00:01:12,720

the agency's newest x-ray mission made

35

00:01:17,910 --> 00:01:14,000

progress toward its launch

36

00:01:19,510 --> 00:01:17,920

in 2021 while celebrating 20 years of

37

00:01:21,109 --> 00:01:19,520

continuous human presence on the

38

00:01:23,429 --> 00:01:21,119

international space station

39

00:01:25,190 --> 00:01:23,439

marshall also provided critical support

40

00:01:26,070 --> 00:01:25,200

for nasa's commercial crew program

41

00:01:29,030 --> 00:01:26,080

certification

42

00:01:29,749 --> 00:01:29,040

and flight readiness keeping an eye on

43

00:01:31,590 --> 00:01:29,759

the future

44

00:01:32,870 --> 00:01:31,600

marshall continued to pave the way for

45

00:01:34,789 --> 00:01:32,880

the next generation

46

00:01:37,990 --> 00:01:34,799

hosting nasa's rover challenge and

47

00:01:39,830 --> 00:01:38,000

student launch competitions

48

00:01:41,510 --> 00:01:39,840

and continues to gain innovative and

49

00:01:42,230 --> 00:01:41,520

creative solutions from citizen

50

00:01:44,069 --> 00:01:42,240

scientists

51
00:01:47,030 --> 00:01:44,079
participating in competitions with the

52
00:01:49,429 --> 00:01:47,040
centennial challenges program

53
00:01:50,389 --> 00:01:49,439
while 2020 proved to be a year of

54
00:01:52,310 --> 00:01:50,399
adapptions

55
00:01:54,389 --> 00:01:52,320
nasa's marshall space flight center

56
00:01:56,469 --> 00:01:54,399
continued with undaunted progress

57
00:01:57,429 --> 00:01:56,479
in exploration technology development