1
00:00:10,470 --> 00:00:08,100
well the test today went extremely well

2
00:00:12,629 --> 00:00:10,480
we were very pleased it came out of the

3
00:00:15,000 --> 00:00:12,639
aircraft as planned it deployed went

4
00:00:16,109 --> 00:00:15,010
through its roofing stages it was just

5
00:00:18,500 --> 00:00:16,119
spectacular everything was

6
00:00:22,380 --> 00:00:18,510
picture-perfect today we extracted

7
00:00:25,080 --> 00:00:22,390
78,000 pound payload from the c-17

8
00:00:27,210 --> 00:00:25,090
aircraft that seventy eight thousand

9
00:00:30,390 --> 00:00:27,220
pounds is the largest single load that's

10
00:00:32,970 --> 00:00:30,400
ever been extracted from a c-17 the NASA

11
00:00:34,950 --> 00:00:32,980
testing exceeds the limits of the army

12
00:00:36,780 --> 00:00:34,960
testing by almost twofold because we're

13
00:00:38,430 --> 00:00:36,790

at seventy eight thousand pounds for

14
00:00:40,170 --> 00:00:38,440
this and that's double of what the army

15
00:00:42,360 --> 00:00:40,180
testing is it's pretty exciting because

16
00:00:45,000 --> 00:00:42,370
we this is not an everyday occurrence we

17
00:00:47,430 --> 00:00:45,010
do this once every six eight ten months

18
00:00:48,959 --> 00:00:47,440
and it's also the record-breaking

19
00:00:51,720 --> 00:00:48,969
drought for a c-17 the heaviest

20
00:00:53,700 --> 00:00:51,730
extracted load of that aircraft we've

21
00:00:54,779 --> 00:00:53,710
ever done it's pretty exciting Yuma

22
00:00:56,639 --> 00:00:54,789
because it's not something we get to see

23
00:00:59,250 --> 00:00:56,649
every day all of our standard airdrop

24
00:01:00,900 --> 00:00:59,260
standard testing on base and it gets a

25
00:01:02,610 --> 00:01:00,910
lot of gets a lot of tension from the

26
00:01:04,910 --> 00:01:02,620
curl to the drogue parachute is the

27
00:01:08,010 --> 00:01:04,920
strongest of the ares parachutes and

28
00:01:10,590 --> 00:01:08,020
it's its strengths required because the

29
00:01:13,650 --> 00:01:10,600
the booster is traveling so fast at the

30
00:01:16,080 --> 00:01:13,660
time it's deployed it needs to be able

31
00:01:18,570 --> 00:01:16,090
to take a load in excess of 400,000

32
00:01:21,960 --> 00:01:18,580
pounds when the drug deploys were going

33
00:01:23,760 --> 00:01:21,970
in excess of 500 miles an hour yeah this

34
00:01:26,460 --> 00:01:23,770
test today with our drug with our 68

35
00:01:28,700 --> 00:01:26,470
foot drug parachute was our design load

36
00:01:31,530 --> 00:01:28,710
test this is where we actually put a

37
00:01:33,600 --> 00:01:31,540
load on the shoot equivalent to what its

38
00:01:35,700 --> 00:01:33,610

design capability is so we can test the

39
00:01:37,220 --> 00:01:35,710
structural integrity of the shoot and

40
00:01:39,090 --> 00:01:37,230
the data will be used and to validate

41
00:01:40,470 --> 00:01:39,100
support our critical design review

42
00:01:42,960 --> 00:01:40,480
that's going to happen later this year

43
00:01:45,630 --> 00:01:42,970
so to get this kind of a load on a shoot

44
00:01:48,120 --> 00:01:45,640
at 25,000 feet we needed a massive

45
00:01:50,970 --> 00:01:48,130
amount of weight and this is the single

46
00:01:53,190 --> 00:01:50,980
the heaviest single payload ever to be