



NASA LARC  
LANDING AND IMPACT RESEARCH  
FACILITY

1  
00:00:10,250 --> 00:00:09,049  
hi I'm Vince Whitfield with a NASA

2  
00:00:13,009 --> 00:00:10,260  
scientific and technical information

3  
00:00:15,169 --> 00:00:13,019  
program today we're at the NASA Langley

4  
00:00:16,820 --> 00:00:15,179  
Research Center gantry which was

5  
00:00:19,160 --> 00:00:16,830  
originally called the lunar landing

6  
00:00:22,130 --> 00:00:19,170  
research facility as you can see the

7  
00:00:25,670 --> 00:00:22,140  
gantry is a large steel structure it was

8  
00:00:27,830 --> 00:00:25,680  
first utilized by NASA in 1965 so that

9  
00:00:30,650 --> 00:00:27,840  
Apollo astronauts like Neil Armstrong

10  
00:00:31,939 --> 00:00:30,660  
and Edwin Buzz Aldrin could practice

11  
00:00:35,150 --> 00:00:31,949  
performing the descent to the lunar

12  
00:00:37,310 --> 00:00:35,160  
surface NASA researchers here at the

13  
00:00:39,950 --> 00:00:37,320

gantry were able to produce a simulated

14

00:00:41,780 --> 00:00:39,960

lunar gravity field so the astronauts in

15

00:00:43,790 --> 00:00:41,790

training were better prepared for the

16

00:00:45,950 --> 00:00:43,800

lunar missions to learn how this was

17

00:00:48,650 --> 00:00:45,960

achieved you can find a report about the

18

00:00:50,540 --> 00:00:48,660

facility titled operational features are

19

00:00:52,459 --> 00:00:50,550

the Langley lunar landing research

20

00:00:54,770 --> 00:00:52,469

facility which is available for download

21

00:00:59,150 --> 00:00:54,780

from the NASA technical report server or

22

00:01:01,340 --> 00:00:59,160

NTR s please visit the link below which

23

00:01:03,080 --> 00:01:01,350

will take you to the NTR s which is one

24

00:01:04,670 --> 00:01:03,090

of the world's largest repositories of

25

00:01:05,359 --> 00:01:04,680

aerospace scientific and technical

26

00:01:07,609 --> 00:01:05,369

information

27

00:01:09,350 --> 00:01:07,619

it featured documents ranging from the

28

00:01:12,530 --> 00:01:09,360

NACA era to today's cutting-edge

29

00:01:14,210 --> 00:01:12,540

research did you know the gantry is

30

00:01:16,910 --> 00:01:14,220

still being used today as a crash

31

00:01:19,370 --> 00:01:16,920

testing site for aircraft and a water

32

00:01:21,859 --> 00:01:19,380

impact drop test facility for NASA's

33

00:01:23,719 --> 00:01:21,869

Orion multi-purpose crew vehicle the

34

00:01:26,630 --> 00:01:23,729

agency's next foray into space