



1
00:00:12,870 --> 00:00:10,549
before astronauts could land on the moon

2
00:00:14,150 --> 00:00:12,880
nasa had to prove it had a vehicle to

3
00:00:16,870 --> 00:00:14,160
take them there

4
00:00:18,870 --> 00:00:16,880
apollo 9 would be that test

5
00:00:21,029 --> 00:00:18,880
putting the lunar module through its

6
00:00:23,029 --> 00:00:21,039
paces in earth orbit

7
00:00:25,509 --> 00:00:23,039
the lightweight lunar module was the

8
00:00:27,269 --> 00:00:25,519
first vehicle designed to operate only

9
00:00:29,669 --> 00:00:27,279
in the vacuum of space

10
00:00:31,429 --> 00:00:29,679
with no heat shield like all previous

11
00:00:34,549 --> 00:00:31,439
human spacecraft

12
00:00:37,110 --> 00:00:34,559
astronauts james mcdivitt dave scott and

13
00:00:42,790 --> 00:00:37,120

rusty schweiker launched on march 3rd

14

00:00:47,190 --> 00:00:44,709

the crew labeled their leggy lunar

15

00:00:49,670 --> 00:00:47,200

module spyder and dubbed the apollo

16

00:00:51,830 --> 00:00:49,680

command module gumdrop

17

00:00:54,709 --> 00:00:51,840

during the 10-day mission the crew

18

00:00:57,029 --> 00:00:54,719

docked and undocked their spacecraft and

19

00:00:59,189 --> 00:00:57,039

test-fired their engines to simulate the

20

00:01:01,430 --> 00:00:59,199

journey to the moon's surface

21

00:01:04,390 --> 00:01:01,440

mcdivit and schweikert flew the apollo

22

00:01:06,149 --> 00:01:04,400

lunar module while scott remained inside

23

00:01:08,950 --> 00:01:06,159

the command module

24

00:01:10,870 --> 00:01:08,960

the astronauts also tested the backpacks

25

00:01:13,190 --> 00:01:10,880

that would serve as portable life

26

00:01:14,870 --> 00:01:13,200

support systems for astronauts on the

27

00:01:17,670 --> 00:01:14,880

lunar surface

28

00:01:19,670 --> 00:01:17,680

during a pivotal spacewalk schweikert

29

00:01:22,550 --> 00:01:19,680

climbed out on the lunar module's front

30

00:01:25,830 --> 00:01:22,560

platform while scott observed from the

31

00:01:28,149 --> 00:01:25,840

open hatch of the nearby command module

32

00:01:31,670 --> 00:01:28,159

apollo 9 splashed down in the atlantic

33

00:01:34,630 --> 00:01:31,680

ocean on march 13 1969

34

00:01:37,510 --> 00:01:34,640

mcdivitt schweikert and scott and

35

00:01:40,390 --> 00:01:37,520

gumdrop and spider had set the stage for