

Apollo 10



1
00:00:01,000 --> 00:00:02,268
>> WE ARE GO FOR A MISSION

2
00:00:02,268 --> 00:00:04,137
TO THE MOON AT THIS TIME.

3
00:00:04,137 --> 00:00:05,338
>> ENGINES ON.

4
00:00:05,338 --> 00:00:08,908
FIVE, FOUR, THREE, TWO--

5
00:00:08,908 --> 00:00:11,411
ALL ENGINES RUNNING.

6
00:00:11,411 --> 00:00:12,746
LAUNCH COMMENCE.

7
00:00:12,746 --> 00:00:15,648
LIFT-OFF, WE HAVE LIFT-OFF.

8
00:00:15,648 --> 00:00:16,983
>> SIMPLY STATED, THE PURPOSE

9
00:00:16,983 --> 00:00:18,351
OF THE APOLLO 10 FLIGHT

10
00:00:18,351 --> 00:00:20,220
IS THE FINAL TEST OF THE MEN

11
00:00:20,220 --> 00:00:21,488
AND MACHINES REQUIRED

12
00:00:21,488 --> 00:00:22,956
TO DO THE LUNAR LANDING MISSION.

13
00:00:24,090 --> 00:00:34,100

[MUSIC]

14

00:00:34,100 --> 00:00:35,802

>> IT'S SO HARD TO DESCRIBE.

15

00:00:35,802 --> 00:00:37,036

AND THE BLACKEST BLACK

16

00:00:37,036 --> 00:00:38,772

THAT YOU EVER COULD CONCEIVE

17

00:00:38,772 --> 00:00:40,540

IS THE SETTING FOR ALL THIS.

18

00:00:40,540 --> 00:00:42,242

IT-IT'S INCREDIBLE.

19

00:00:42,242 --> 00:00:43,376

>> WELL, WE SEE IT ALL

20

00:00:43,376 --> 00:00:44,043

HERE, GENE.

21

00:00:44,043 --> 00:00:45,111

ITS, UH, COLORS ARE

22

00:00:45,111 --> 00:00:46,212

REALLY BEAUTIFUL.

23

00:00:46,212 --> 00:00:47,480

>> UH, ROGER, HOUSTON.

24

00:00:47,480 --> 00:00:48,348

APOLLO 10.

25

00:00:48,348 --> 00:00:49,582

YOU CAN TELL THE WORLD THAT

26

00:00:49,582 --> 00:00:50,750

WE HAVE ARRIVED.

27

00:00:51,851 --> 00:00:57,891

[MUSIC]

28

00:00:57,891 --> 00:00:59,459

>> UH, THEY GIVE A SILVER SNOOPY

29

00:00:59,459 --> 00:01:00,927

FOR EXCELLENCE AWARD.

30

00:01:00,927 --> 00:01:02,595

I WANTED TO HONOR THE PEOPLE

31

00:01:02,595 --> 00:01:04,731

THAT HAD JUST WORKED SO HARD.

32

00:01:04,731 --> 00:01:06,800

SO WE CALLED IT SNOOPY.

33

00:01:06,800 --> 00:01:08,067

WELL, YOU NEEDED TWO NAMES,

34

00:01:08,067 --> 00:01:09,602

SO NATURALLY, THE OTHER ONE

35

00:01:09,602 --> 00:01:11,070

WAS CHARLIE BROWN.

36

00:01:11,271 --> 00:01:18,711

[MUSIC]

37

00:01:18,711 --> 00:01:20,680

YOU'RE AMAZED AT WHAT YOU SEE.

38

00:01:20,680 --> 00:01:21,748

THE ONE THING THAT ALWAYS

39

00:01:21,748 --> 00:01:22,982

AMAZED ME WERE THE SIZE

40

00:01:22,982 --> 00:01:24,384

OF THE BOULDERS.

41

00:01:24,384 --> 00:01:25,552

THERE WERE THESE GIGANTIC

42

00:01:25,552 --> 00:01:27,654

CRATERS, AND DOWN AT THE BOTTOM

43

00:01:27,654 --> 00:01:28,888

WOULD BE BOULDERS, AND

44

00:01:28,888 --> 00:01:30,423

UP ON THE RIM WOULD BE BOULDERS.

45

00:01:32,358 --> 00:01:35,662

[MUSIC]

46

00:01:35,662 --> 00:01:37,764

SO USING THE HASSELBLAD CAMERAS,

47

00:01:37,764 --> 00:01:39,699

YOU HAVE THE HIGHEST RESOLUTION

48

00:01:39,699 --> 00:01:40,900

AVAILABLE THEN.

49

00:01:40,900 --> 00:01:42,902

AND THE RADAR WAS GOING.

50

00:01:42,902 --> 00:01:44,604

SO RADAR MAPPED, PHOTO MAPPED

51
00:01:44,604 --> 00:01:46,439
AND VISION MAPPED.

52
00:01:47,707 --> 00:01:52,412
[MUSIC]

53
00:01:52,412 --> 00:01:55,048
WE'RE COMING DOWN GOING

54
00:01:55,048 --> 00:01:56,816
UPSIDE DOWN AND BACKWARDS

55
00:01:56,816 --> 00:01:58,351
TO RETROGRADE.

56
00:01:58,351 --> 00:01:59,285
I HEARD THE THRUSTERS

57
00:01:59,285 --> 00:02:01,154
START TO FIRE-- HEARD THIS

58
00:02:01,154 --> 00:02:03,256
BA-BANG, BANG, BANG.

59
00:02:03,256 --> 00:02:04,624
SO WHAT I DID--

60
00:02:04,624 --> 00:02:05,758
THE STAGING SWITCH WAS HERE--

61
00:02:05,758 --> 00:02:07,560
RAISED THE THING, BOOM,

62
00:02:07,560 --> 00:02:08,261
STAGED IT.

63
00:02:08,261 --> 00:02:09,262

THEN MEANWHILE, I WENT TO

64

00:02:09,262 --> 00:02:10,497

HARD STOPS.

65

00:02:10,497 --> 00:02:11,364

BUT I GOT HER BACK

66

00:02:11,364 --> 00:02:12,799

UNDER CONTROL AND WE MADE

67

00:02:12,799 --> 00:02:14,367

THE MANEUVER, CAME BACK

68

00:02:14,367 --> 00:02:16,669

AND DID A PERFECT RENDEZVOUS.

69

00:02:16,669 --> 00:02:18,805

ONE THING PEOPLE ALWAYS ASK:

70

00:02:18,805 --> 00:02:19,672

"WERE YOU FRIGHTENED?"

71

00:02:19,672 --> 00:02:21,107

"WERE YOU SCARED?"

72

00:02:21,107 --> 00:02:22,842

THE ANSWER IS NO.

73

00:02:22,842 --> 00:02:25,378

WE WERE FIGHTER PILOTS,

74

00:02:25,378 --> 00:02:26,779

TEST PILOTS, SO WE KNEW

75

00:02:26,779 --> 00:02:27,814

WHAT THE RISKS WERE,

76
00:02:27,814 --> 00:02:28,848
YOU DID EVERYTHING YOU COULD

77
00:02:28,848 --> 00:02:30,416
TO MITIGATE THE RISK,

78
00:02:30,416 --> 00:02:32,018
BUT THERE WAS A RISK.

79
00:02:32,018 --> 00:02:34,120
SO WE UNDERSTOOD THAT.

80
00:02:35,522 --> 00:02:39,259
[MUSIC]

81
00:02:39,259 --> 00:02:41,227
WELL, WE HAD A SERIES OF

82
00:02:41,227 --> 00:02:43,263
DEBRIEFINGS WITH THEM ABOUT--

83
00:02:43,263 --> 00:02:44,564
'CAUSE WE HAD ALL THE PROCEDURES

84
00:02:44,564 --> 00:02:45,798
WORKED OUT.

85
00:02:45,798 --> 00:02:46,599
IN FACT, I REMEMBER

86
00:02:46,599 --> 00:02:47,367
I WENT TO NEIL, I SAYS,

87
00:02:47,367 --> 00:02:48,401
"BUDDY, HERE YOU ARE.

88
00:02:48,401 --> 00:02:49,969

"HERE'S ALL THE TECHNIQUES,

89

00:02:49,969 --> 00:02:50,937

"ALL THE PROCEDURES

90

00:02:50,937 --> 00:02:54,107

"DOWN TO THE LAST 50,000 FEET.

91

00:02:54,107 --> 00:02:55,808

"AND YOU TAKE IT THERE."

92

00:02:55,808 --> 00:02:57,377

POWERED DESCENT ON THE SURFACE,

93

00:02:57,377 --> 00:03:00,113

50,000 FEET UP, IT'S ALL DONE.

94

00:03:00,113 --> 00:03:01,047

SO HE JUST FOLLOWED

95

00:03:01,047 --> 00:03:02,549

ALL THE PROCEDURES WE HAD.

96

00:03:04,050 --> 00:03:09,322

[MUSIC]

97

00:03:09,322 --> 00:03:11,024

WE MADE IT BACK FROM THE MOON

98

00:03:11,024 --> 00:03:14,727

TO THE EARTH IN 42 HOURS.

99

00:03:14,727 --> 00:03:18,264

IT WAS 24,791 MILES AN HOUR,

100

00:03:18,264 --> 00:03:22,068

OR IN MACH NUMBERS, MACH 36.

101

00:03:22,068 --> 00:03:25,204

OR IF YOU WANNA BE PRECISE

102

00:03:25,204 --> 00:03:28,308

SCIENTIFICALLY, IT WAS

103

00:03:28,308 --> 00:03:31,411

0.0037% OF THE SPEED OF LIGHT.

104

00:03:31,411 --> 00:03:34,881

SO WE WERE FLAT MOVING.

105

00:03:36,082 --> 00:03:47,961

[MUSIC]

106

00:03:50,697 --> 00:03:51,764

>> CHARLIE, IT MIGHT SOUND