

# TEST OF U.S. ARMY GUIDED MISSILE

~~THE~~ "NIKE" (DESCRIPTION STARTS

69. THESE ARE THE FORERUNNERS OF ROCKET SHIPS TO THE MOON, AND AN IDEA OF WHAT <sup>HERE</sup> SPACE TRAVEL OF THE FUTURE WILL BE LIKE IS VIVIDLY DEPICTED IN THESE FILMS TAKEN FROM A ROCKET IN FLIGHT.

*named for Greek Goddess of Victory*

69A. THE TAKE-OFF IS SMOOTH, AND THROUGH THE MOTION PICTURE CAMERA AN ARMCHAIR TRIP INTO SPACE BEGINS.

69B. SLIPPING AWAY BELOW CAN BE SEEN THE WHITE SANDS OF NEW MEXICO AND THE MOUNTAIN RANGES HOLLING IN THE TEXAS AND NEW MEXICO DESERT.

69C. UP AND UP THE ROCKET FLASHES, TRAVELLING AT A SPEED MANY TIMES GREATER THAN STARTLING VIEW OF THE EARTH.

END REEL II

## REEL III

71. THE RIO GRANDE VALLEY AND THE MOUNTAINS OF THE CONTINENTAL DIVIDE PASS BY LIKE WHISTLE STOPS.

72. NOW THE ROCKET HAS REACHED ITS SUMMIT. SEVENTY SIX MILES UP! THIS IS THE HIGHEST DISTANCE AT WHICH THE EARTH HAS EVER BEEN PHOTOGRAPHED.

73. TIPPING AND SPINNING, LIKE AN INVERTED TOP, THE ROCKET STARTS ITS DESCENT TO EARTH. ONE MINUTE POINTING AT THE SUN, AND AT THE EARTH, THE NEXT, THE CAMERA SWEEPS ACROSS THE LOWER LENGTH OF THE CONTINENT, GIVING MAN AN UNPRECEDENTED VIEW OF THE PLANET HE CALLS EARTH.

74. ARMY GUIDED MISSILES ARE PIONEERING THE WAY, BUT THESE SOLDIERS ARE TRAINING TO HANDLE A WEAPON AND NOT A TRIP TO THE MOON.

75. BEHIND CLOSELY GUARDED DOORS NIKE MISSILE CREWMEN ASSEMBLE THE WEAPON THEY WILL LATER FIRE.

FROM THE MANUFACTURER'S CRATE TO ACTUAL LAUNCHING, ENLISTED MEN BUILD AND CHECK THE WONDER WEAPONS. A MISSILE IS READY TO TAKE PART IN A RESEARCH AND DEVELOPMENT TEST FIRING AGAINST AN ACTUAL PLANE IN FLIGHT.

78. FROM THE HANGAR WHERE IT WAS ASSEMBLED, THE NIKE MISSILE IS TAKEN TO THE TRANSPORTER WHICH WILL CARRY IT TO THE LAUNCHING AREA.

*hand.*

79. BUT FIRST THE MISSILE MUST BE FUELED, AND IT STOPS OFF AT THE FUELING AREA.
80. DURING FUELING OF THE MISSILES CREWMEN WEAR PROTECTIVE CLOTHING JUST AS THEY DID IN THEIR TRAINING.
81. THIS PROTECTION PERMITS A SAFE FUELING OPERATION.
82. AND RIGHT UP TO THE TIME OF FIRING, ELABORATE AND EXTENSIVE SAFETY PRECAUTIONS ARE OBSERVED.
83. THE MISSILE IS NOW "HOT". IT IS FUELED AND READY FOR FLIGHT. ON THE LAST STAGE OF ITS JOURNEY TO THE LAUNCHING PAD FOR ITS RESEARCH TEST FIRING, THIS MISSILE IS ESCORTED THE LAST FEW MILES BY A FIRETRUCK.
84. JUST BEFORE THE TEST SHOOT BEGINS, THE MISSILE IS JOINED TO ITS BOOSTER. THIS ASSISTS THE ROCKET AT TAKE OFF AND HELPS IT REACH SUPERSONIC SPEEDS IN A MATTER OF SECONDS.
85. WITH THE MISSILE NOW FIRMLY FIXED TO THE LAUNCHING RAIL, IT IS MOVED INTO THE FIRING POSITION.
86. LAST MINUTE ADJUSTMENTS ARE MADE. AS THE LAST SAFETY PIN IS PULLED, THE FIRING OPERATION BEGINS.
87. A RED SMOKE SIGNAL IS SET OFF ON TOP OF THE BLOCKHOUSE.....  
INSIDE THE MEN STAND READY AT THE COMMAND CONTROLS. SHOULD A HITCH OCCUR, THE FIRING PROCESS CAN BE STOPPED WITH THE PRESS OF A BUTTON.
89. THE MINUTES TICK AWAY AND FROM THE BLOCKHOUSE A WARNING FLARE IS FIRED.
90. AND ALL OVER THE RANGE ROADBLOCKS ARE SET UP TO KEEP EVERYTHING OUT OF THE FIRING AREA.
91. THREE MILES AWAY AT THE CONTROL CENTER, THE TARGET TRACKING RADAR IS FIXED ON TO THE PLANE WHICH IS TO BE ATTACKED, AND IS SENDING ITS POSITION DATA TO THE COMPUTER.
92. IN A SPLIT SECOND THE COMPUTER WORKS OUT A POINT OF INTERCEPT.....
93. THE ATMOSPHERE AT THE FIRE CONTROL CENTER IS TENSE. THE PROJECT OFFICER IS READY TO THROW THE SWITCH.