

INTERESTING FACTS ABOUT YOUR SURFACE-TO-AIR GUIDED MISSILE NIKE

Standing in readiness throughout the United States on the outskirts of our cities are Nike guided missile bases which guard our nation's vital centers from enemy aircraft.

NIKE (pronounced ni-key) is a major factor in the defense network system of our country. Radar bases located throughout the entire country will first detect the approach of enemy aircraft and transmit this information to various Nike bases. Within minutes they are ready for action. At the base, acquisition radar detects and keeps a running account of the approaching aircraft until the target crosses Nike's distant and invisible deadline at which time missile is fired. Simultaneously target radar locks on target and feeds data into missile control unit, which interprets combined data and activated controlling devices in missile until target is intercepted and destroyed.

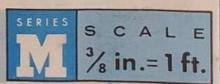
NIKE is composed of two parts, namely booster and guided missile. The booster provides the power for initial take off and at a predetermined height falls away to earth. The guided missile which contains the war-head and guidance devices is then controlled by the ground radar.

NIKE is effective to a height of 60,000 feet and a range of 30 to 50 miles. At a speed of 1500 miles per hour it can out-maneuver bombers and the fastest fighters.

Working as a team NIKE and *SKYSWEEPER (radar-controlled Anti-Aircraft Gun) seek out and destroy enemy aircraft that have penetrated outer defenses.

Frog SKYSWEEPER KIT ALSO AVAILABLE IN SERIES "M" SCALE





YOUR FROG DE-LUXE MODEL

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"NO-SHOW!" CEMENT TECHNIQUE
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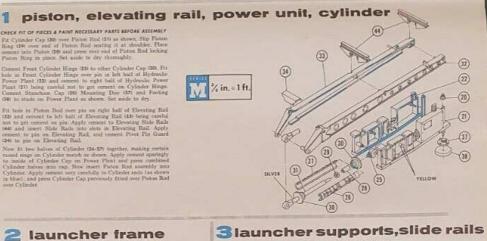
- m. Then, APPLY CEMENT SPARINGLY ONLY TO THE AREAS INDICATED IN BLUE ON THE INSTRUCTION DRAWINGS, Hold as clamp parts until a permanent bend is surged.

per amaber for one of identification. Remore when SENTEY TECHNICIAN COMMANDES NOTE: Circled numbers are ONLY for ports per a properly identified.

NOTE: Circled numbers are ONLY for ports identification, and have no bearing an assembly by sequence.

Fit hole in Patter Sed over jan an right half of Elevating Reil. 322 and center to left half of Elevating Reil 133 being courted not to set content on jan Apply centers to Elevating Side Rails 444 and linear Side Rails job after in Elevating Reil. Apply center to jain on Elevating Reil, and centers Prior Prior Canal 346 pp in on Elevating Reil.

New fit tree halves dis Cylinder 128-29; together, making certain raused rings on Cylinder soutch as shown. Apply essent sportingly (Cylinder halves and togo. Now insert Padem Role assembly to Cylinder halves with cap. Now insert Padem Role assembly as Cylinder. Apply centest very carellely to Cylinder ends in a shown in blue), and gress Cylinder Cap previously fitted over Puston Rol-over Cylinder.

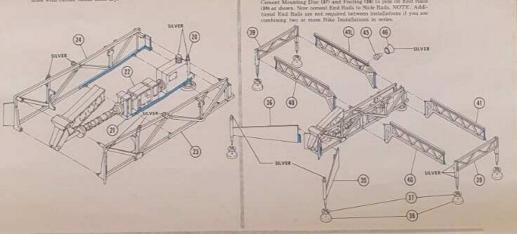


CHECK IIT OF PIECES & PAINT INCESSARY PARTS BEFORE ASSEMBLY Correct Mounting Disc 127 and Footing 188 to piec on left and right Launcher Supports 103-361, New covered supports to Launcher Trame by applying content to take as above.

2 launcher frame

CHECK HE OF PIECES & PAINT NECSSEARY PARTS REPORT ASSEMBLY Place, this Lausabler, Frame '264 on first surface, Apply connects to large arm, why, so alsows in shoul. Convent Power Plant are life, and position, Cylinder and fit pivot hole in Elevating Rail over provid poin in Lausabler Frame.

Apply others to all pipe, holes and other contact points on left half Laconder Ferms (24) including large blue area shown on Fower Plant. Then you to right half of Launcher Frame (23). Blad with rubber bands until day.



4 missile rail

CHECK FIT OF PRICES & PAINT NECESSARY PARTS REPORT ASSEMBLY Apply consent to pins and edges of right Misside Boll find the soft inner; pri on Support: Flay 1571 into hale in it front: 1sh is shown. Avoid getting connect on Support: Flay). Connect left: Misside Boll half (194 and band with righter baines mint! And the Misside Boll half (194 and band with righter baines mint! And

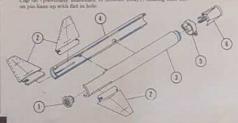
(19) (18) To Long (43)

5 missile booster body

CHECK HT OF PIECES & PAINT NECESSARY PARTS REPORT ASSEMBLY Carefully content left and right Booster Body Halves 13-41 to-gather by applying coment to contact points shown. Bind with rabber baseds usual dry.

Apoly coment to Buoster Budy front and and assemble Booster Cap Or by aligning rib in Cap with slot in Buoster Budy.

Asserable three Booster Stabilizers 121 into Booster Body slots by postly sloting Stabilizers forward and down and flish with left and right Booster Body contain. Place tensent on callier of exhaust Screen 112 and insert time rear of Booster Body by pashing for ward until firmly sented in the into at the three Stabilizers. The Zabitate Screen will footh intell optimization of the Stabilizers of the Control of the Stabilizers of



NIKE guided missile

CHECK FIT OF PIECES & PAINT NECESSARY PARTS BEFORE ASSEMBLY

Insert Aileron Socket (10) into hole between rear circular grooves in right half of Missile Fuselage (12) making sure that tab on socket faces nose end of Missile Fuselage as shown. Now place Dual Aileron (7) across rear circular grooves. Repeat above procedure by inserting Steering Fin Socket (11) into hole between front circular grooves (making certain that tab on socket faces nose end of Missile Fuselage). Then position Dual Steering Fin (14) across front circular grooves (making certain that tab on socket faces nose end of Missile Fuselage). Then position Dual Steering Fin (14) across front circular grooves in same manner as Dual Aileron (14) across front circular grooves in same manner as Dual Aileron assembly

Missile Fuselage left half (13) may now be cemented to right half by carefully applying cement to contact points shown, taking care to avoid getting cement on Aileron and Steering Fin pivot points. Join fuselage halves, making sure Steering Fin Socket and Aileron Socket project thru holes in Fuselage halves. Bind with rubber bands.

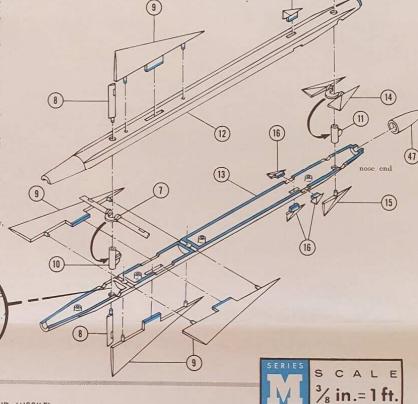
NOTE: Providing previous instructions were carefully followed, Ailerons and Steering Fins will be free to rotate similar to actual missile.

Cement Missile Nose (47) to Fuselage by applying cement to Fuselage as shown.

Place small amount of cement on pins of two Steering Fins (15) and insert into Steering Fin Socket holes. Repeat procedure for Ailerons (8) into Aileron Socket, making sure they are positioned as shown.

Apply cement to pins and tabs of four Roll Stabilizers (9) individually, and insert into holes at rear Missile Fuselage.

Apply cement to tabs of four Antenna (16), and insert into Missile Fuselage, making sure they are positioned as shown



decals (ON BOOSTER BODY AND MISSILE)

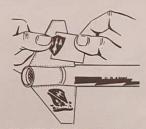
At this point Decals can be applied to Missile Fuselage and Booster assemblies as shown.

Booster and Missile may be joined without cement by turning Missile in Booster Socket until flat on pin in socket matches flat in hole on Missile and gently pressing Missile and Booster together.

Nike Missile and Booster assembly can now be mounted on Missile Rail by fitting projecting pins on Rail to matching holes in Missile Booster Cap as shown.



J. S. ARMY

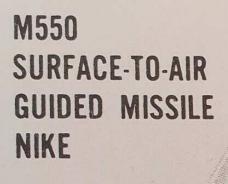


TO APPLY DECALS—First see instructions on back of decals. Then cut decals apart INSIDE the dotted lines. See illustration for correct location, then apply one subject at a time. Slide decal partly of paper backing, hold decal in correct position on model, then slip backing from beneath decal. Adjust position if necessary, smooth out any wrinkles and blot with a soft cloth.

Your NIKE guided missile installation is complete and ready for operation!



GUARDIAN OF AMERICA'S FIRST LINE OF DEFENSE



8/9 each

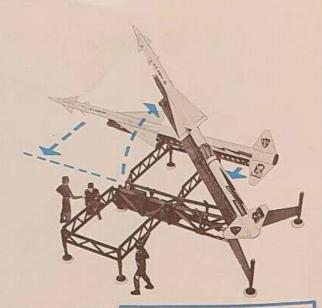
The famous Nike now reproduced in dramatic, museum-quality detail. 81 parts, molded in authentic white and olive drab colors. In exact scale, this model is 14½" long and 8½" wide. Projectile, missile rail, elevating rail, elevating mechanism completely operative when model is assembled. This kit is designed so that additional kits can be joined to form realistic battery of launchers. Kit complete with 3 lifelike crew members—Commander, sentry, technician. Authentic decals.

INTERNATIONAL MODEL AIRCRAFT LTD.
MORDEN ROAD, LONDON, S.W.19

THE MISSILE AND RAIL

are now ready to be placed on launcher by slipping the missile rail saddles over slide rails and sliding assembly along rails until it is flush with the elevating slide rail mounts. Lowered, the missile is in a ready position. Raised to maximum elevated position of 85°, the missile is ready to fire and track down relentlessly any flying object.

SOLDIERS may be positioned as shown or as desired. Also entire assembly may be mounted on a wooden board if you so desire.



OTHER FROG SERIES "M" KITS

Guardian of the sky M552 SKYSWEEPER 75 MM RADAR ANTI-AIRCRAFT GUN



A foremost protector from hostile aircraft. Kit includes 34 individ-ual operating assem-blies, precision engi-neered to exacting specifications. 134 parts.

Supremacy in the field

M551 SELF PROPEL 8 INCH HOWITZER

A new Atomic mobile fortress for ground en-counter. Richly detailed and unsurpassed for genuine operational features. 138 parts.





BUILD A BATTERY OF NIKES! Kit has been designed to enable you to mount NIKES in series as is shown in the actual photo of a U. S. Army NIKE battery.

Giant of them all!



ultimate in combat operational features. Overall length 32".

PARTS LIST FOR YOUR SERIES M NIKE

- 1. EXHAUST SCREEN
- 2. BOOSTER STABILIZER (3) 15. STEERING FIN (2)
- 3. BOOSTER BODY-R.H.
- 4. BOOSTER BODY-L.H. 5 BOOSTER CAP
- 6. BOOSTER SOCKET
- 7. DUAL AILERON
- B. AILERON (2)
- 9. ROLL STABILIZER (4)
- 10. AILERON SOCKET
- 11. STEERING FIN SOCKET
- 12. MISSILE FUSELAGE-R.H. 25. FRONT CYLINDER HINGE
- 13. MISSILE FUSELAGE-L.H. 26. CYLINDER-R.H.

- 14. DUAL STEERING FIN

 - 16. ANTENNA FIN (4)
 - 17. MISSILE SUPPORT FLAP
- 18. MISSILE RAIL-R.H.
- 19. MISSILE RAIL-L.H.
- 20. STANCHION CAP
- 23. LAUNCHER FRAME-R.H.
- 24. LAUNCHER FRAME-L.H.

- 27. CYLINDER-L.H.
- 28. PISTON
- 29. PISTON RING 30. CYLINDER CAP (2)
- 31. PISTON ROD
- 32. ELEVATING RAIL-R.H.
- 33. ELEVATING RAIL-L.H.
- 21. HYDRAULIC POWER PLANT-R.H. 34. PIVOT PIN GUARD
- 22. HYDRAULIC POWER PLANT—L.H. 35. RIGHT LAUNCHER SUPPORT 47. MISSILE NOSE
 - 36. LEFT LAUNCHER SUPPORT
 - 37. MOUNTING DISC (7)
 - 38. FOOTING (7)
 - 39. END RAIL (2)

M550

- 40. REAR SLIDE RAIL (2)
- 41. RIGHT FRONT SLIDE RAIL
- 41L. LEFT FRONT SLIDE RAIL
- 42. MISSILE RAIL SADDLE-L.H. (2)
- 43. MISSILE MAIL SADDLE-R.H. (2)
- 44. ELEVATING SLIDE RAIL (2)
- 45. LOUDSPEAKER BASE
- 46. LOUDSPEAKER HORN
- 48. BATTERY COMMANDER
- 49. SENTRY
- 50. TECHNICIAN
- 51. DECALS (10)