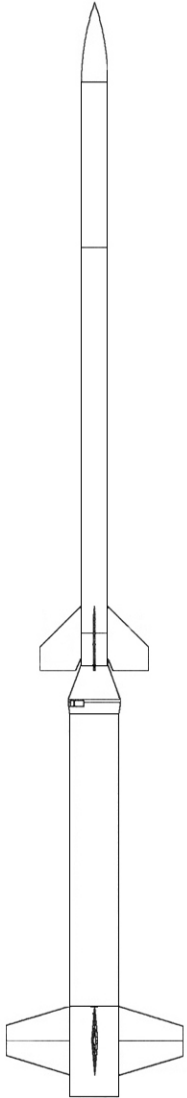


Nike Tomahawk Sounding Rocket



2016



The Nike Tomahawk was a two-stage American sounding rocket. The first stage was a Nike rocket, the second a Tomahawk rocket.

The sounding rocket was originally designed by the Sandia Corporation in support of Atomic Energy Commission programmes. It was subsequently adopted by NASA and Germany for scientific studies.

It saw considerable operational use by NASA beginning in 1965.

The Nike Tomahawk has a ceiling of 230 statute miles (370 km)

Payload capacity of 100 pounds (45 kg)

Launch thrust of 49,000 pounds of force (217 kN)

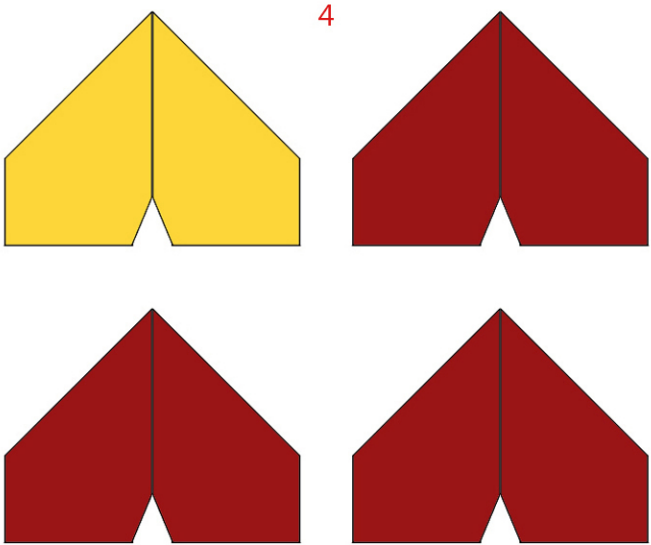
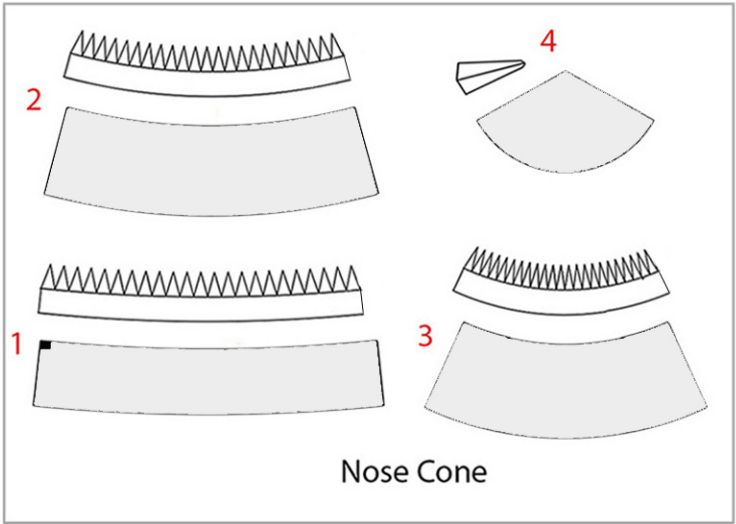
Launch weight of 2,200 pounds (990 kg)

Diameter of 17 inches (0.42 m)

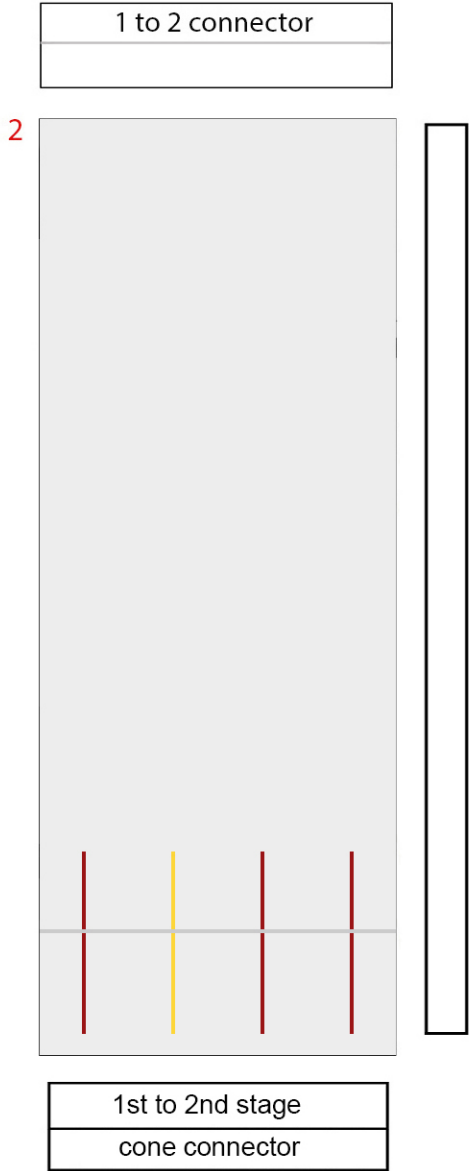
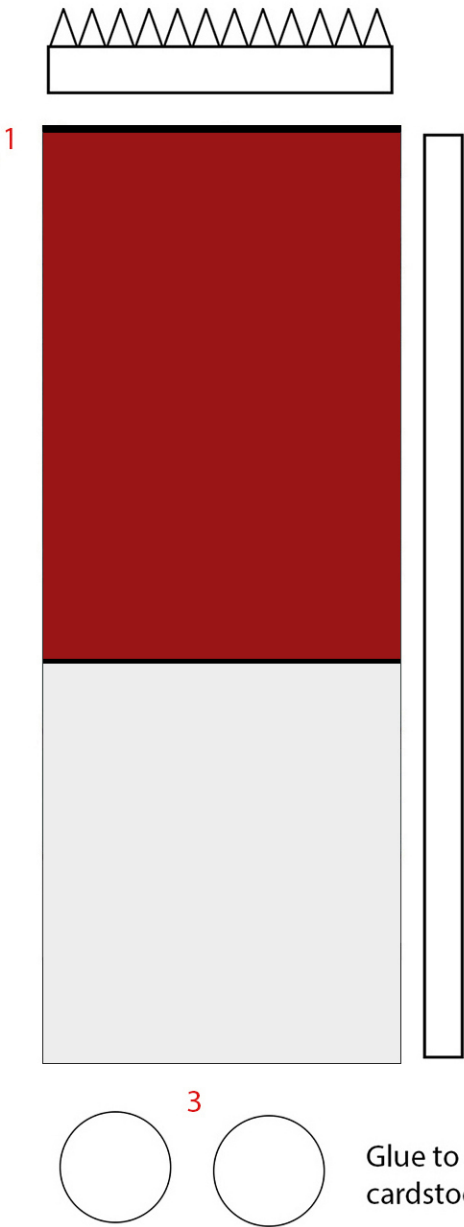
Length of 35 feet 5 inches (10.80 m)

The Nike Tomahawk was launched 395 times between June 25, 1963 and November 27, 1995 and carried a larger payload to higher altitudes than the Nike-Apache.

Nike Tomahawk Sounding Rocket



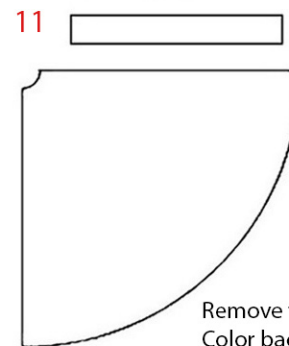
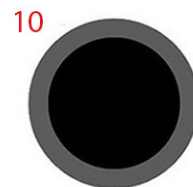
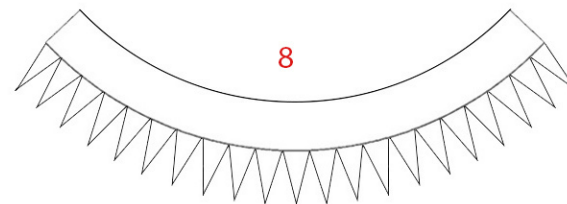
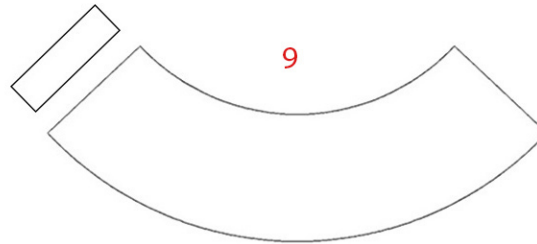
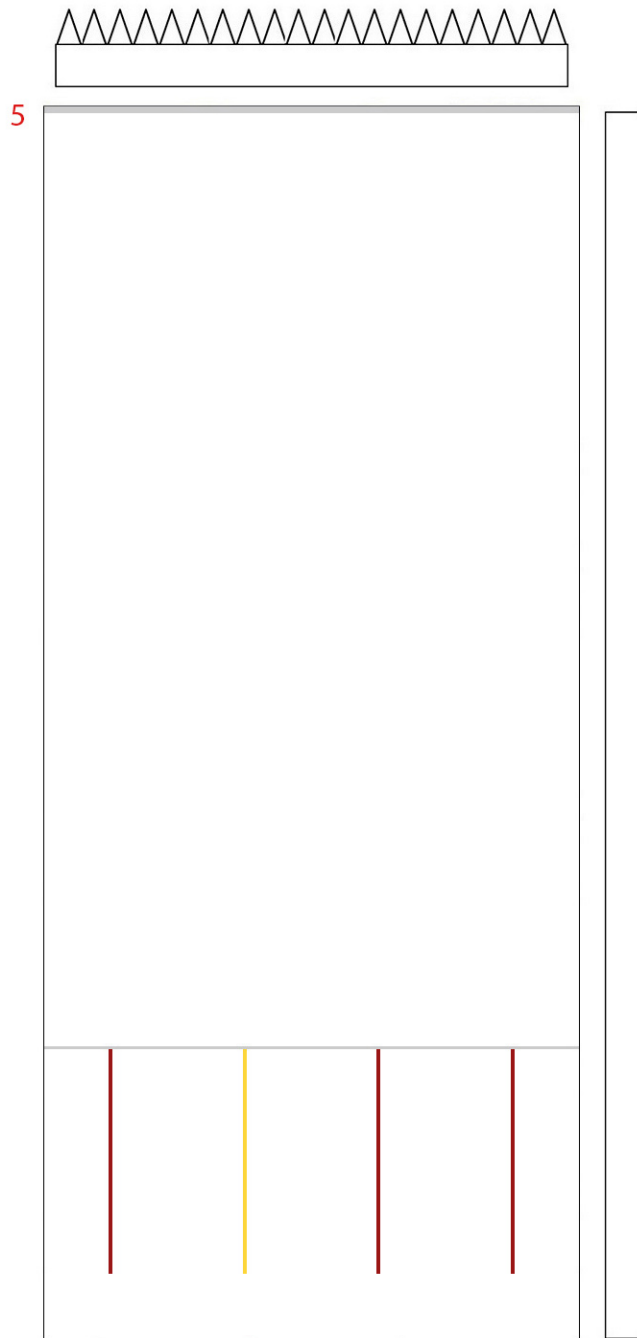
Score and fold these fins in half.



Nike Tomahawk Sounding Rocket



2016



Remove the black circle from Part 10.
Color backside of 11 black and roll-glue to a cone.
Glue 11 to backside of 10 for embedded nozzle.

Score and fold these fins in half.

12

