

## Terrier Lynx Sounding Rocket



American sounding rocket. Two stage vehicle consisting of 1 x Terrier + 1 x Lynx

The Terrier Lynx was a two-stage, unguided, fin stabilized rocket system which utilized a Terrier mk70 first stage booster and a Lynx rocket motor for the second stage propulsion. The Terrier mk70 motor had four equally spaced modified Ajax fins, and the Lynx motor had four modified Orion fins on the aft end arranged in a cruciform configuration to provide stability.

The rocket system could carry a 115-kg payload to 378 kilometers and a 230-kg pound payload to 254 kilometers when launched from sea level at an 85 degree launch angle. Standard hardware included a 3:1 ogive nose cone and a capacitive discharge ignition system. Separation systems could be provided to separate the payload from the motor during ascent.

Status: Active

Gross mass: 1,300 kg (2,800 lb)

Height: 9.00 m (29.50 ft)

Diameter: 0.46 m (1.50 ft)

Thrust: 258.00 kN (58,000 lbf)

Apogee: 200 km (120 mi)

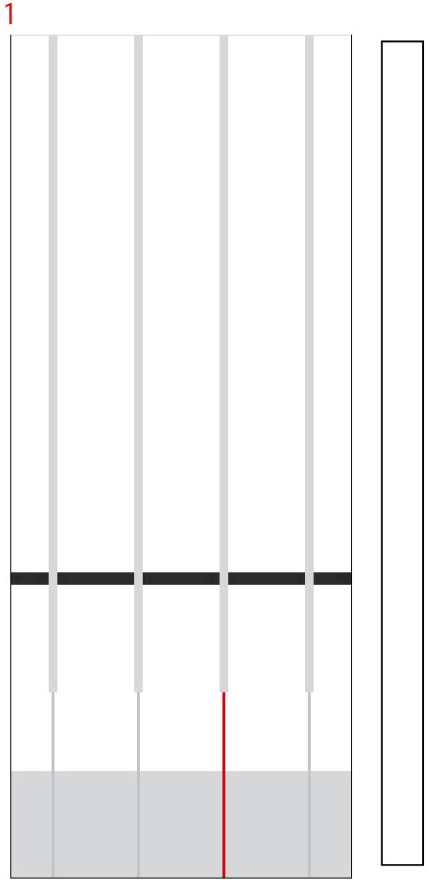
First Launch: 2000.12.19

Last Launch: Aug 2014

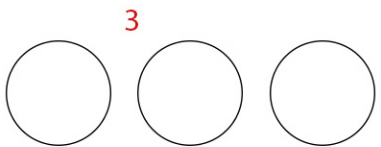
# Terrier Lynx Sounding Rocket



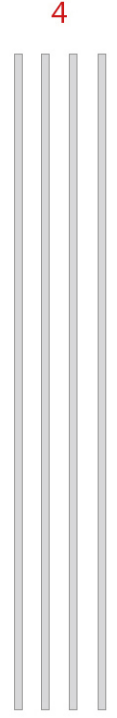
1 to 2 connector



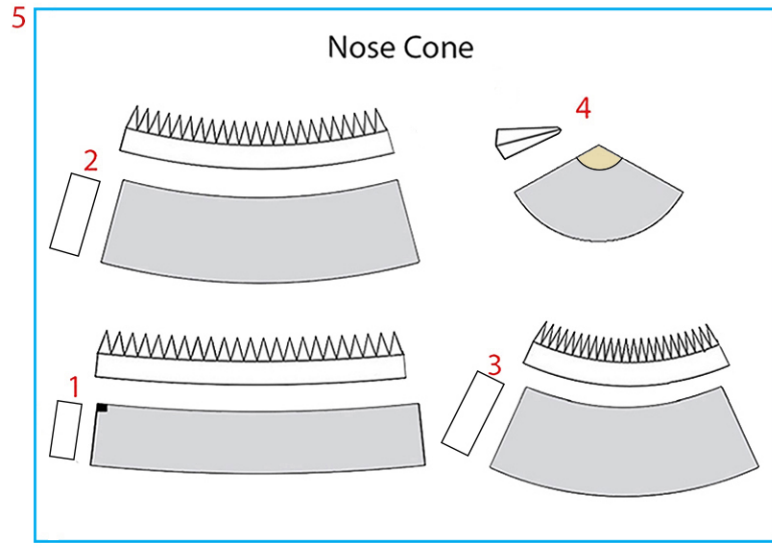
1 to 9 connector



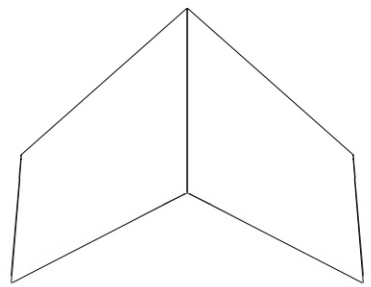
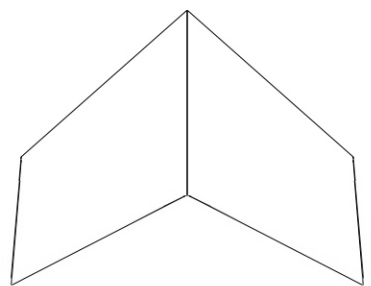
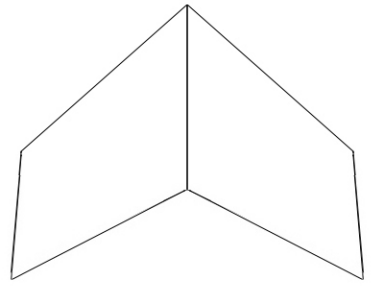
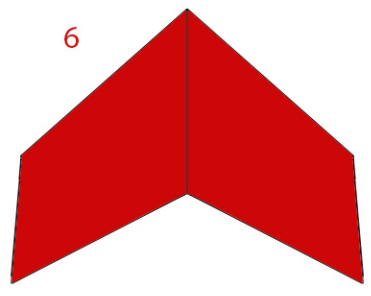
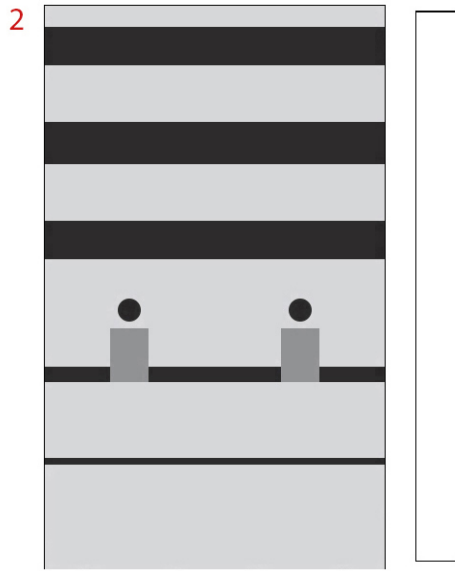
Glue to cardstock



Glue to cardstock, color edges light grey.

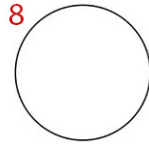
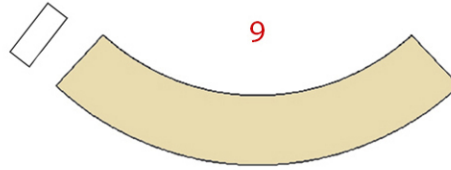
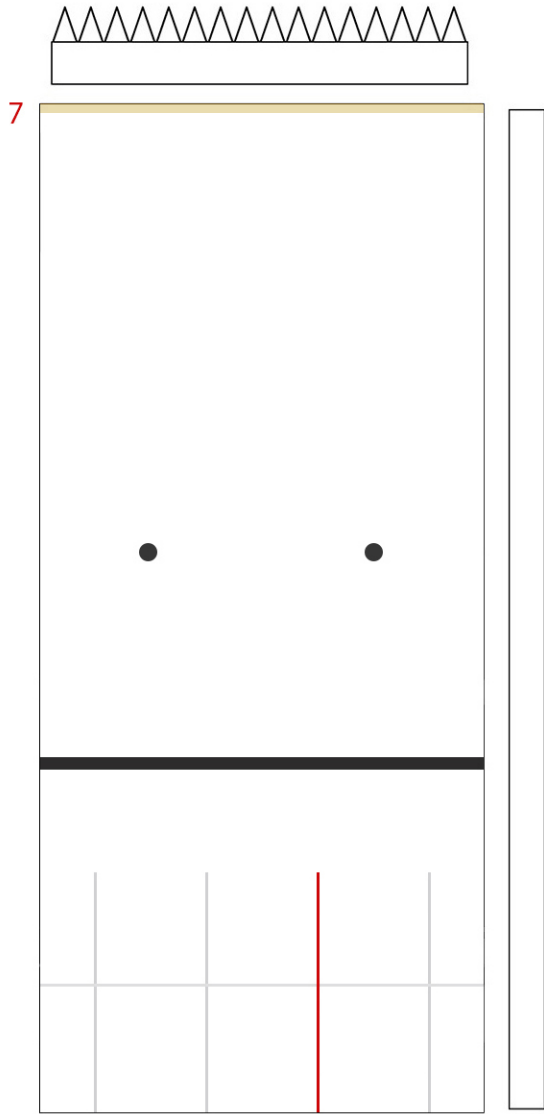


2 to nose cone connector

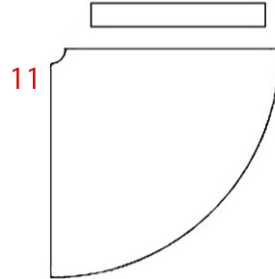
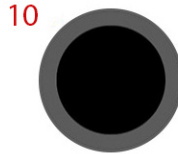


Fold fins in half and glue

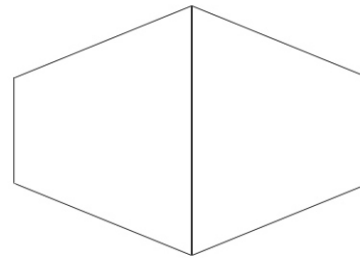
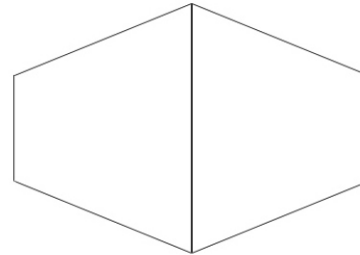
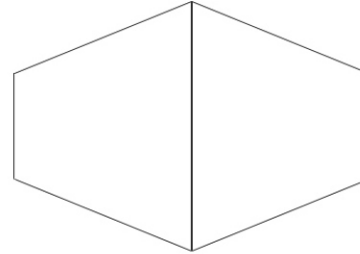
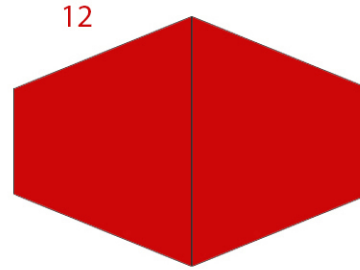
# Terrier Lynx Sounding Rocket



Glue to cardstock for strength



Remove the BLACK CIRCLE from 10.  
Color backside of 11 Black.  
Roll 11 to a cone, glue to the BACKSIDE of 10 for an embedded nozzle



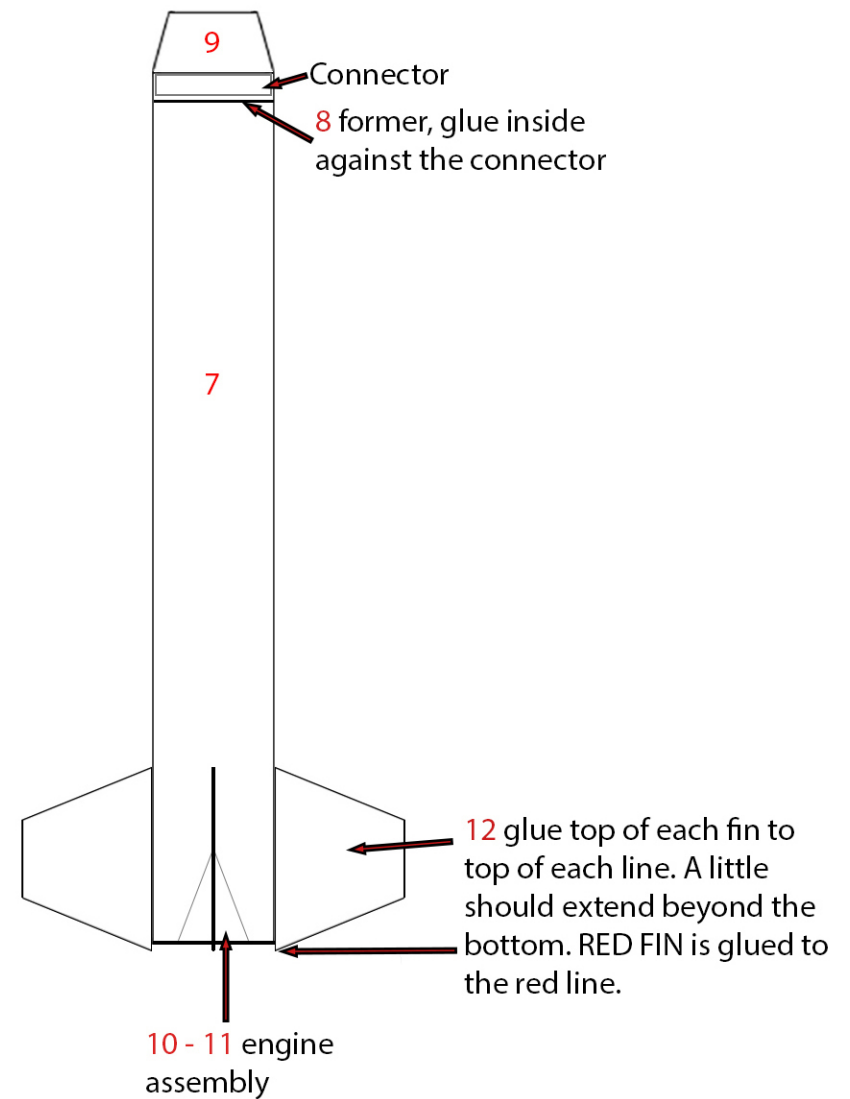
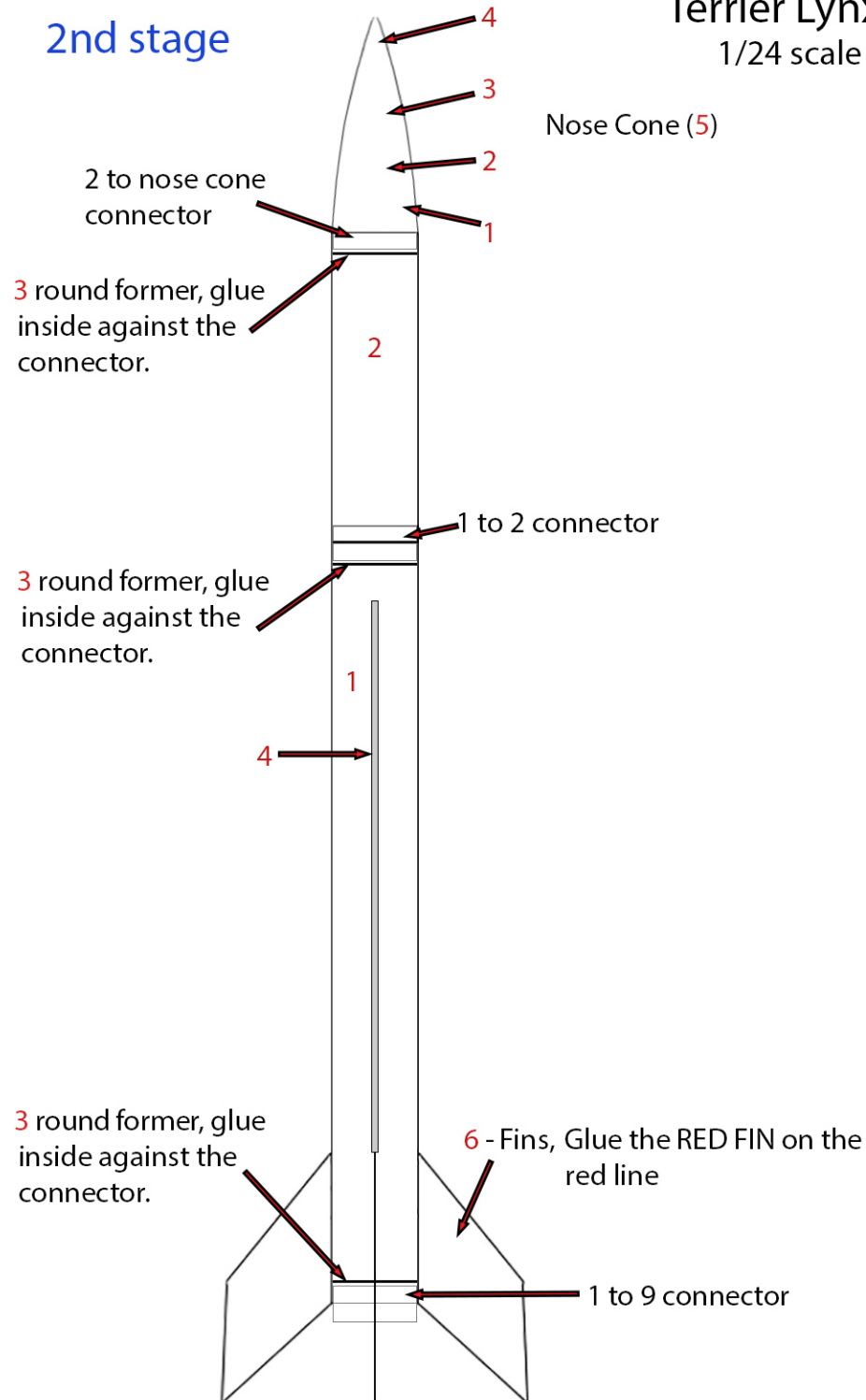
Fold fins in half and glue

# Terrier Lynx Instructions

1/24 scale Paper Model

## 2nd stage

## 1st stage



When 1st and 2nd stages are complete, glue 2nd stage on top of the 1st stage matching the seams.