

# The Tasmanian Devil

## A "No-Moving Parts" Helicopter Model

Design by George Gassaway

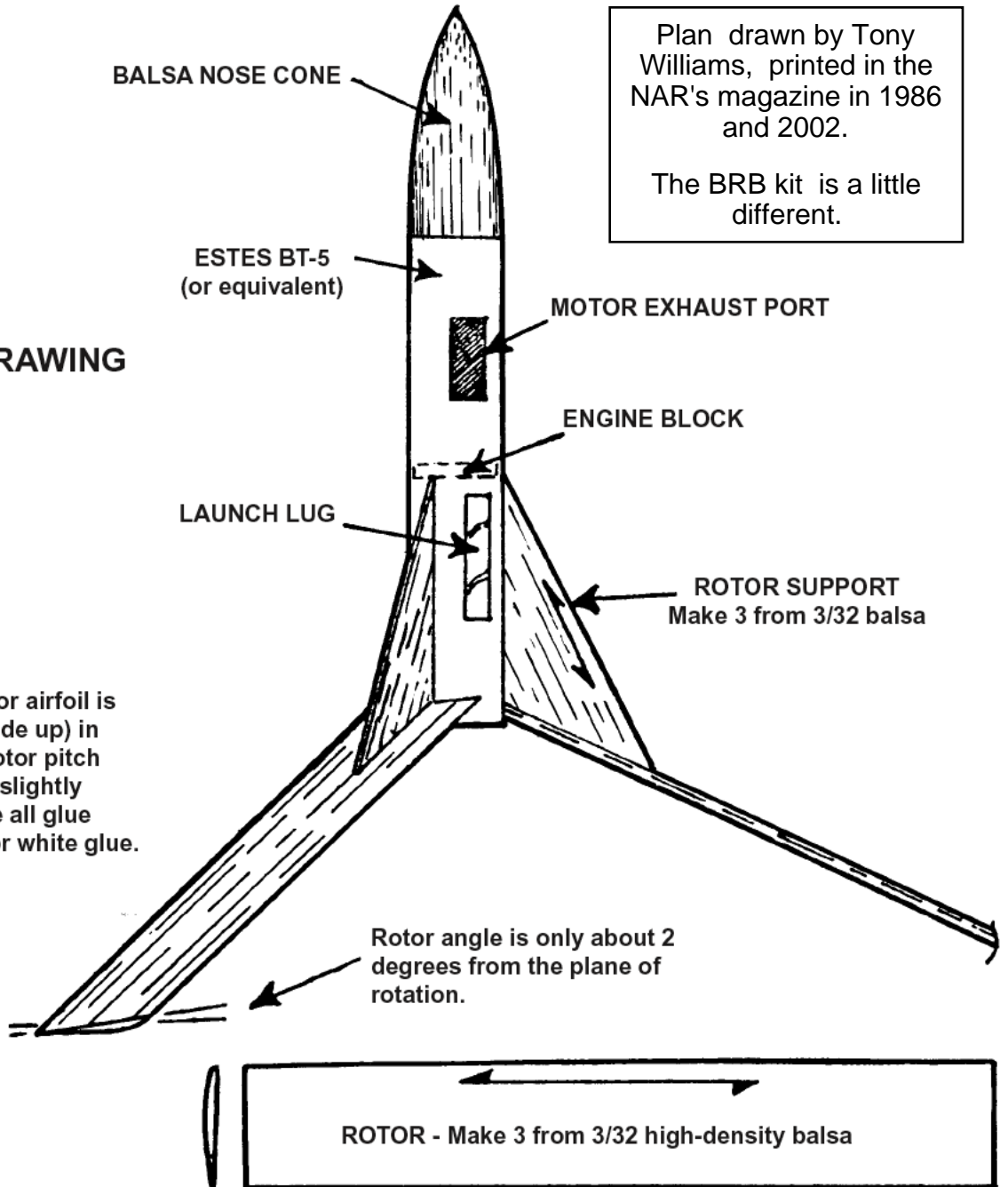
Drawing by Tony Williams

The Tasmanian Devil is a fun sport model that boosts low and slow like the Estes Flying Saucer. During boost it goes into a fast rotation and as rotation speed builds, this model will actually slow down during boost. After burnout, the model immediately flips over and recovers by autorotation.

Construction is simple and straight forward. It is advisable to use high-density balsa for the rotors.

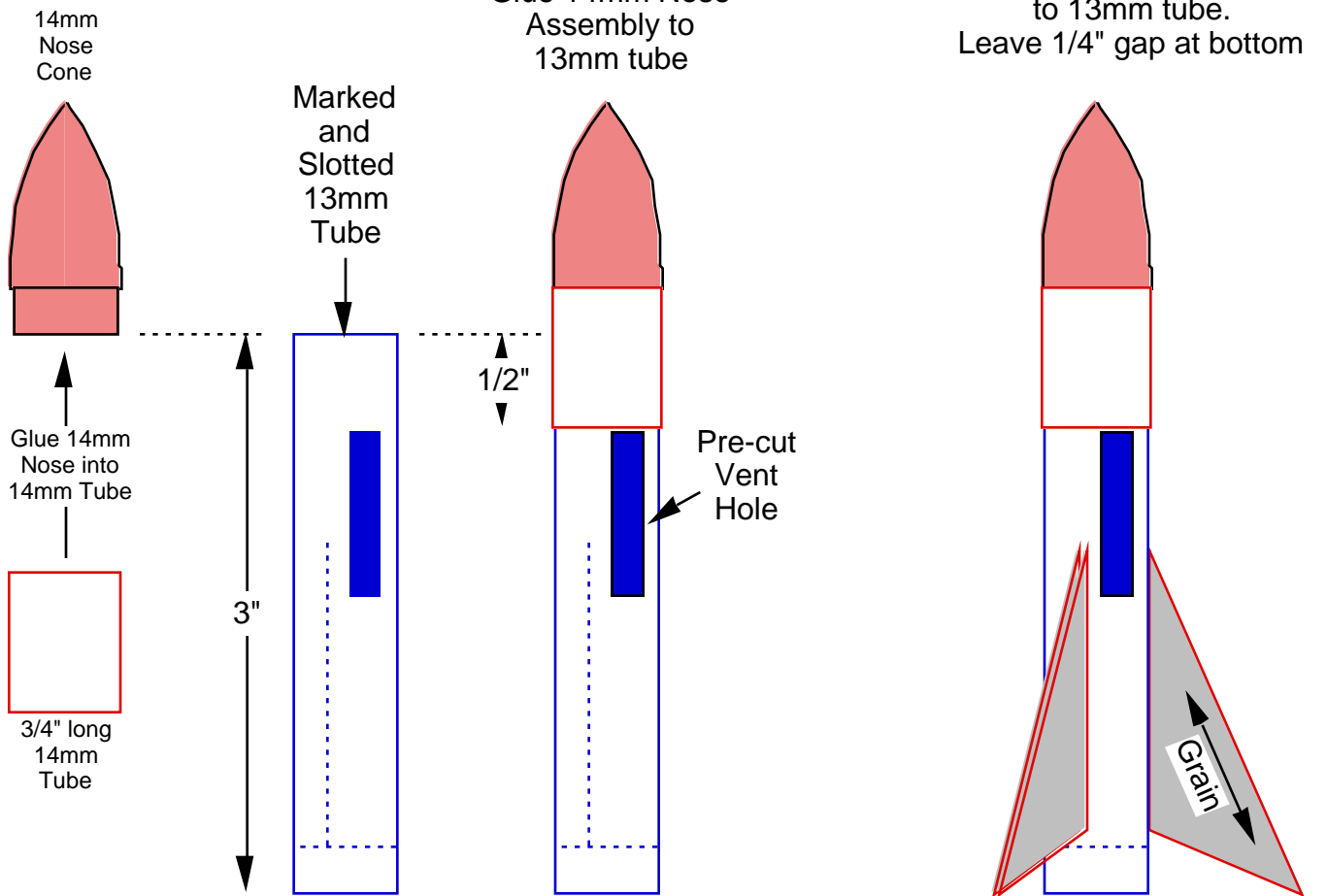
Though it is not very competitive, the Tasmanian Devil is legal for NAR competition. It might be a "foolproof" model for those of you who don't have the inclination to build the normal "complex" helicopter duration model.

### FULL SIZE DRAWING

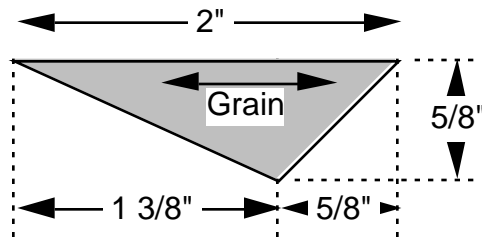


# Tasmanian Devil BRB Kit Parts

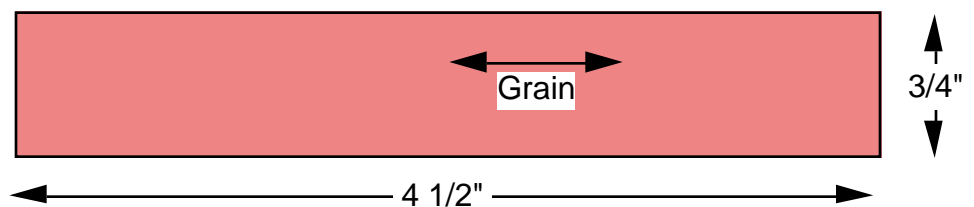
Drawn November 11, 2007



Rotor Supports  
three from 1/16"  
medium balsa



Rotor Blades  
Three from 1/16"  
HARD balsa



# Completed Tasmanian Devil Model

Drawn November 11, 2007

**Engines:**  
1/2A3-2T, or A3-4T.

**Do not fly on an A10,**  
the high speed will  
probably shred it  
unless built much  
stronger

Spin Direction →

Launch Lug

Grain

**Descent mode**  
(1/2 size)

Use tape around  
engine and last 1/4" of  
the tube to hold the  
engine in place

Spin Direction ←

**Model will fly without any  
rounding or airfoiling of the  
blades. But will fly a little better  
if the blades are rounded and a bit  
better still if they are airfoiled.**

**Be SURE to arrange the airfoil as  
shown at left, with all three  
oriented the same way.**

Slight angle of  
about 2 to 3  
degrees

