

Killer Kiwi™ Naval Gunnery Target Balloons Information and Instructions



Killer Kiwi™ Naval Gunnery Target balloon

Killer Kiwi™ is a very small adrift target (NavTGT) designed to blow and tumble across the wave surface, primarily for small guns target practice or air-to-surface gunnery practice.

This target is NOT Radar reflecting and is intended for visual use only. Intended to be used in multiples, a bunch, together at the same time.

It is air inflated, bright **green**, 76 centimeter³ (2.5x2.5x2.5 feet) in size. Made with 12 mil PVC, with a lightweight carabiner for handling. Target is small enough to be launched from inside an airborne navy helicopter. Optional fifty (50) foot handling line with 6-inch float not included as it is considered to be unsafe for helicopter launch.

Target can have some water put inside to weigh down the target and slow its tumble. Amount of water depends on how slow you want it to blow and tumble; this also varies with sea state.

NavTGT compatible for use with optional LASER reflective tape materials, IR and Red/White waterproof strobe lights. Also may also be used as a surface anchor holding a line for a helium filled air target (see *Bogie Blimp™*).

NavTGT individually packed in a 30 x 4½ inch shipping tube (6 Lbs), includes: Killer Kiwi™ NavTGT only, unless specifically ordered to include optional accessories.

Accessories (not included):

50-ft Handling Line, Laser Tape Kit,
IR or Red/White waterproof strobe lights,
Bogie Blimp™ helium filled air target.
Leaf blower (such as shown, figure 1) not available.



Inflate NavTGT using any
Leaf blower, HVAC vent,
engine exhaust, or fan port.

Figure 1

Instructions:

1. Select deck with an area about 10 foot square where there are no sharp objects and where the target can be tied down after inflation (figure 2).

2. Pull or Cut tape for Opening End Cap, pull out cap. Remove the NavTGT from its shipping tube. Slide NavTGT out of tube onto deck. Hold NavTGT securely by Carabiner. Unroll and unfold NavTGT with Inflation Cap easily accessible.

3. Open Cap (ensure to hang onto cap). Holding open nozzle firmly, point blower at nozzle opening, begin inflation. (figure 3) Internal flap restricts back flow during inflation.

4. As balloon inflates, pull sides of NavTGT into shape. Do NOT over inflate. Balloon should be soft to the touch. If desired, pour sufficient water into target via inflation nozzle to provide desired ballast during use. Experiment to determine amount of water to use. Without any water ballast, target will roll and blow away very fast.

5. Disconnect air source, screw down Inflation Cap tight. A correctly filled balloon measures about 2.5ft side to side & high (figure 4).

6. When inflated and ready to use, pickup and launch over the side (figure 5).

Warning: Over inflation will damage the target balloon.

Additional instructions

To launch a group, bunch or “gang” of *Killer Kiwi™* target balloons simultaneously, inflate and launch each target individually over the side, but with an additional separate line looped through the carabiners. String this line through each additional target's carabiner until all targets are together in the water, all on this single looped line. When ready to turn them all loose, just let go one end of the looped line and pull in the other end.

Line on carabiner should be used for moving target at very low speed only.

To use a *Killer Kiwi™* target to anchor a helium filled air target, add additional ballast water to ensure target stays on water surface in use. Prepare *Killer Kiwi™* first, then air target. When both are ready, launch the *Killer Kiwi™* into the water, then launch the air target into the air.

To recover an inflated target balloon, grab the carabiner (or optional handling line if used), Open cap, insert stick or finger to open anti-back flow flap (figure 6), let out air. Then rotate the NavTGT to dump out any water ballast.

Warning: the weight of water ballast can damage the balloon if not removed.



Figure 2



Figure 3



Figure 4



Figure 5



Figure 6

Target is intended to be filled with SOME water to act a ballast to slow roll and tumble action in the waves.

Target is not intended to be towed. Optional Handling line is available separately for launch or recovery if desired.

Target may be filled with large amount of water to act as sea anchor for a helium air target (see *Bogie Blimp™*).

NavTGT names *Killer Kiwi™*, *Killer Orange™*, *Killer Tomato™*, *Killer Banana™*, *Target X-Ray™* & *Bogie Blimp™* are the exclusive property and trademarks (™) of GeoData Systems Management Inc.

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