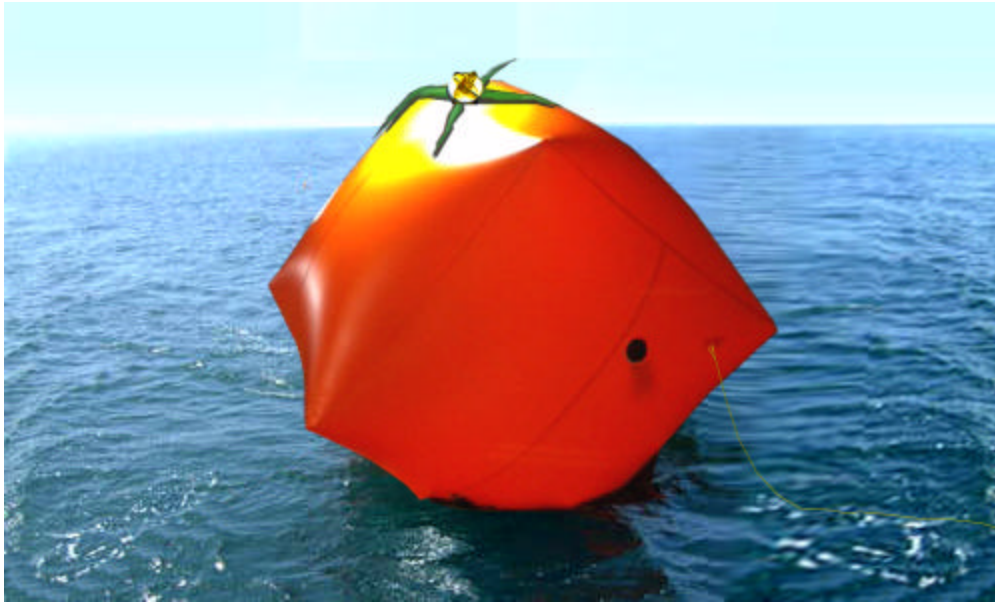


## Killer Tomato™ Naval Gunnery Target Balloon Information and Instructions



Killer Tomato™ RADAR (external corner reflector) Naval Gunnery Target balloon

**Killer Tomato™** Naval Gunnery Target balloon (NavTGT) is an adrift target designed to stand upright on the wave surface without tumbling over in moderate sea states. Large self filling integrated skirt secures bottom of target to sea surface.

It is air inflated, bright **ORANGE**, 3 m<sup>3</sup> (17 x17 x15 feet) in size. Made with 12 mil PVC. Carabiners are welded to the NavTGT for easy fastening of handling line. Fifty (50) foot buoyant yellow polypropylene handling line with a 6-inch float included.

Integrated, self-deploying, skirt (no external sea anchor to buy and rig) reduces target wind drift and keeps target useful in more moderate sea states. NavTGT can be recovered once target is tipped over and water ballast is spilled out. Rigid RADAR corner reflector mounted on top of NavTGT returns 12m<sup>2</sup>RCS to ship borne radar equipment detectable at least 10+ miles away depending upon radar equipment and sea state. Also compatible for use with optional LASER reflective tape materials, IR and Red/White waterproof strobe lights.

NavTGT individually packed in a 60x12½ inch shipping tube (48 Lbs), includes:

- Killer Tomato™ NavTGT,
- Rigid RADAR corner reflector,
- 50' buoyant polypropylene handling line with 6-inch float
- Instruction sheet

### **Accessories (not included):**

Leaf blower (such as shown, figure 1)  
Laser Tape Kit, IR or Red/White waterproof strobe lights.



Figure 1

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

## Instructions:

1. Select deck area about 20 feet square without sharp objects where the target can be tied down during inflation.
2. Pull or Cut tape for Opening End Cap, pull out cap.
3. Remove RADAR Corner Reflector, assemble as shown in instructions. Single tie holds together panels at top. First loop of Double tie holds together panels at bottom, second loop of Double tie secures Reflector to top of NavTGT.
4. Slide NavTGT out of tube onto deck. Secure float end of Handling Line.
5. Unroll and unfold NavTGT with Inflation Cap at edge (Handling line is attached next to Cap).
6. Open Cap (ensure gasket stays in cap). Insert blower, begin inflation. (figures 2 & 3)  
Internal chute restricts back flow during inflation.
7. As balloon inflates, pull sides of NavTGT into shape. (figure 4)
8. As balloon inflates, locate top of NavTGT with leaf decoration, **attach RADAR Reflector** to carabiner. (figure 5)
9. Do NOT over inflate. Balloon should be soft to the touch.  
**Warning: Over inflation will damage the target balloon.**
10. Disconnect air source, screw down Inflation Cap tight.
11. A correctly filled balloon measures about 17ft side to side, 15ft high.
12. Pickup NavTGT, black skirt down, and throw overboard. (figures 6 & 7)
13. The skirt base self actuates to open and fill with sea water immediately after deployment. This skirt base keeps the balloon upright, minimizes wobble, eliminates spin, and reduces drift. The balloon will of course still move with the prevailing current. (figure 8)

50ft handling line provided is attached at carabiner next to Inflation Cap. Another carabiner mount is provided on the opposite side to allow multiple NavTGTs to be tied together if desired during preparation or use.

To recover an inflated NavTGT, gather the float end of the handling line, pull in and slowly tip over the NavTGT until water is dumped from the skirt. Access the Inflation Cap, unscrew cap (do not lose the cap gasket), pull internal back flow chute OUTSIDE through the cap base (figure 9), NavTGT will now deflate. As it deflates grab sides of NavTGT and pull it out of the water onto the deck. The floating recovery line cannot be used to tow NavTGT.

For a towed NavTGT, see **Killer Banana™** online the website.

NavTGT names Killer Lemon™, Killer Orange™, Killer Tomato™, Killer Banana™, Target X-Ray™ & Bogie Blimp™ are trademarks (™) of GeoData Systems Management Inc.

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[www.GeoDataSys.com/navtgt.htm](http://www.GeoDataSys.com/navtgt.htm)

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Figure 2



Figure 3



Figure 4



Figure 5

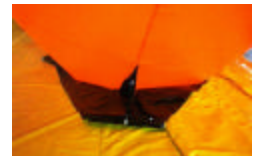


Figure 6



Figure 7

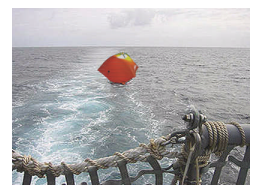


Figure 8



Figure 9