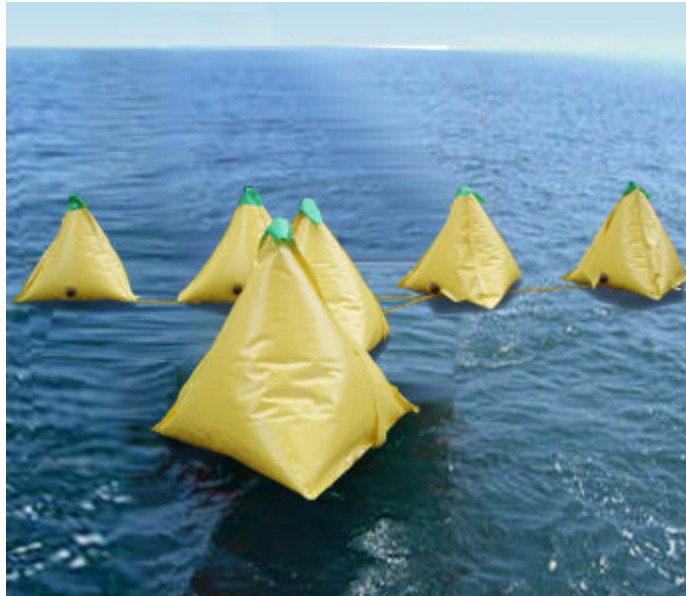


Sitting Dux™ Naval Gunnery Target Balloons Information and Instructions



Sitting Dux™ Naval Gunnery Target balloon

Sitting Dux™ is a very small adrift target (NavTGT) designed to sit on 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.

Air inflated, bright **yellow**, 60 centimeter³ (2 x2 x2 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. Individual Dux are linked together with 60 cm (5 ft) handling lines. Optional fifty (50) foot handling line with 6-inch float not included as it is considered to be unsafe for helicopter launch.

Targets have sand weight mounted inside to keep all Dux upright on the surface.

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 15x15x15 inch box (23 Lbs), includes: (6) Sitting Dux™ NavTGTs linked together to inflate one at a time, then launched out the door in formation.

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 one Sitting Dux™ NavTGT from the box. Slide NavTGTs 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. Targets have sand ballast in bottom of each unit. Targets will float upright on the surface when launched.
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 all units out the door or over the side (figure 5).

Warning: Over inflation will damage the target balloon.

Additional instructions

To launch a group, bunch or “gang” of *Sitting Dux™* target balloons simultaneously, inflate and launch each target individually, 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 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.



Figure 2



Figure 3



Figure 4



Figure 5



Figure 6

Images are for Killer Kiwi™ NavTGT

Sitting Dux™ NavTGTs are not intended to be towed. Optional Handling line is available separately for launch or recovery if desired.

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

GeoData Systems Management Inc., Box 366, Berea, OH 44017-0366 USA, tel: 1-440-888-4749
www.GeoDataSys.com/navtgt.htm

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