



APPF **Monster** **KILLER TOMATOES** Target Balloon/Buoy

APPF Inc. developed its next-generation of Target balloon/buoy for use in training exercises, man over board drills, and race marker buoys. They were designed to be easy to deploy. Easy to unpack, set up, inflate, launch and recover. The APPF "Killer Tomatoes"® target balloon/buoy (NSN-6920-17 Tomato) features our patented drogue chute that automatically self deploys on launch. Once the drogue chute is filled the weight of the water holds the target upright and reduces the influence of wind helping the target/buoy hold station.

Our patented design includes mounting the technically advanced radar reflector in the "Catch Rain Position" as high as possible within the target balloon/buoy. This results in a stronger radar image than possible with early target balloon/buoy designs. Radar visible at 10 miles (16.1 km.) in calm sea conditions is typical. The APPF "Killer Tomatoes"® can be recovered using the floating trip line attached to the bottom of the drogue chute to dump water making recovery possible. The inflated target/buoy can be towed short distances at low speeds under 5 knots.



APPF "Killer Tomatoes"® NSN-6920-17 KILLER TOMATO NSN# 6920-01-629-0823

- Pre-inflated Size: 14' x 14' x 12' +/- 6"
- Inflated Size: 17' x 17' x 15' +/- 6"
- Shipping carton: 30" x 12" x 21"
- Weight: 102 lbs. (46.26 kg.)
- Internal Radar Reflector: Fully Assembled and mounted
- 6 Reinforced Metal D-Rings to secure the inflated target
- 50' Floating recovery/ Trip line to aid recovery
- Unique design elements of APPF target balloons/buoys are protected by US Patent 6,592,416 B1 issued June 15, 2003 and US Patent 7,932,850 B1 issued April 26, 2011, other patents pending.

APPF **KILLER TOMATOES**® Target Balloon/Buoy

NSN-6920-17 TOMATO – The radar image of our target buoys is strong because the internally mounted US Coast Guard tested radar reflector generates 13.2 sq. yds. (12 m./0.12 km.) of effective Radar Cross Section in the X or 3CM Band (9-9.6 GHz Frequency) based on optimum orientation.

Our target buoy can be easily inflated with a leaf-blower and the drogue chute automatically self deploys on launch. This eliminates the need to rig a separate sea anchor. No separate parts, no special training is required.

Once the integrate drogue chute is filled with water the added weight reduces spinning, tumbling and the influence of the wind helping it hold station in an upright position.

In demanding sea conditions and high winds, attach a 10 pound weight to a 20' length of line and tie the other end of the line to the D-Ring at the bottom of the drogue chute. The added weight at the end of the 20' line will open the chute in difficult conditions.

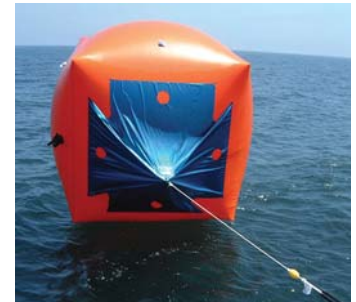


APPF **Monster** ®*Target Balloon/Buoy

APPF Inc. began manufacturing Target balloon/buoys in 1998 after purchasing the KillerTomatoes®* product-line from the American Polyvinyl the Killer Tomato originator. Over the last 25 years APPF has redesigned the original 1963 balloon known as BUSHIPS No. 632-A-SK588 to meet the requirements of today's fleet.



- APPF target balloons/buoys are designed for Target Practice, Man overboard drills, and Race Buoys.
- Easy to Deploy
- Easy to Rig
- Superior Performance
- Easy Retrieval
- Towable
- Superior Radar Signature



Besides our target balloon/buoys, APPF specializes in contract manufacturing work involving Industrial Sewing or RF Heat sealing. We do development work and we build to customer prints and specifications. Let us help with your next project.

- APPF is a 37 year old veteran owned small business that specializes in RF Welding and Industrial Sewing, working with PVC, TPU, coated fabrics and webbing.
- We are FDA Class One Certified, ISO 9001: 2008 compliant and specialize in Berry Amendment and Buy American manufacturing work.
- Operating from a modern 52,000 square foot facility in Southern California, Serving Private Industry, Medical, Government and the U.S. Military.
- Equipped with several types and sizes of computer driven RF welding equipment and the ability to work from AutoCAD drawings with our Swiss digital cutting equipment APPF can do your job right the first time.
- Please contact us for more information or a quote without obligation.

American Pacific Plastic Fabricators, Inc. (APPF, Inc.)
7130 Fenwick Lane, Westminster, CA 92683

Tel. (714) 891-3191 | Web. www.appf.com Made in the USA

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US Patent 6,692,416 B1 7,932,850 B1 and other Patents Pending. (07/01/26)



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