

~~RESTRICTED~~

Reflector Target

MX-137/A, MX-138/A and MX-138A/A

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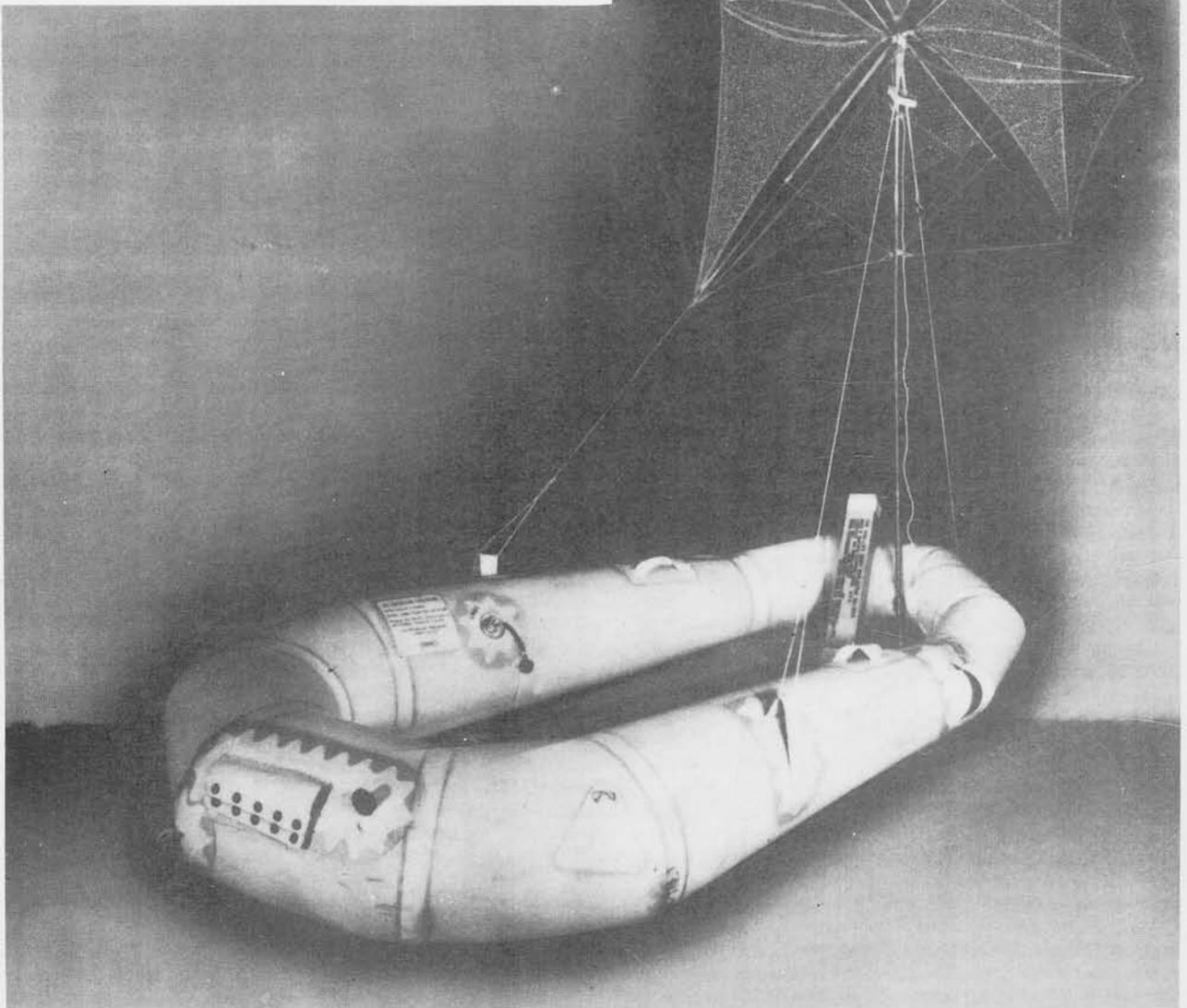
Reflector Target MX-137/A is a collapsible assembly of monel metal mesh and telescoping duralumin tubing. When set up for operation it forms eight corner reflectors designed to provide dependable response to any S or X band radar equipped search aircraft within a six to twelve nautical mile radius. The reflector assembly is small, lightweight, of simple construction and may be packed in the standard one-man life raft package.

Purpose of this equipment is to provide one-man life rafts with a suitable reflecting surface for facilitating the location of rafts by aircraft equipped with search radar.

Reflector Target MX-138/A is designed for multi-place rafts and is similar in construction to MX-137/A except that the mesh is of heavier fabric and the supporting arms do not telescope on the MX-138/A.

Reflector Target MX-138A/A is similar to MX-138/A except it includes an oar coupling attachment suitable for the various Army oar sizes.

RANGE MX-138/A	AN/APS-2 - 12 TO 18 MILES
RANGE MX-138A/A	AN/APS-3 - 5 MILES SCR-717-B - 12 MILES
ANTENNA	TWELVE TRIANGULAR REFLECTING ELEMENTS OF KNITTED FABRIC SILVER-PLATED



REFLECTOR TARGET

TOTAL WEIGHT 2 LBS.

Component	Nomenclature	Size	Weight
Reflector Target	MX-137/A	2'x2'x16" (collapsed)	2Lbs.
Reflector Target	MX-138/A	2'x2'x24" (collapsed)	2Lbs.
Reflector Target	MX-138A/A	2'x2'x28" (collapsed)	2Lbs.

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Section 2 - Graphic Survey