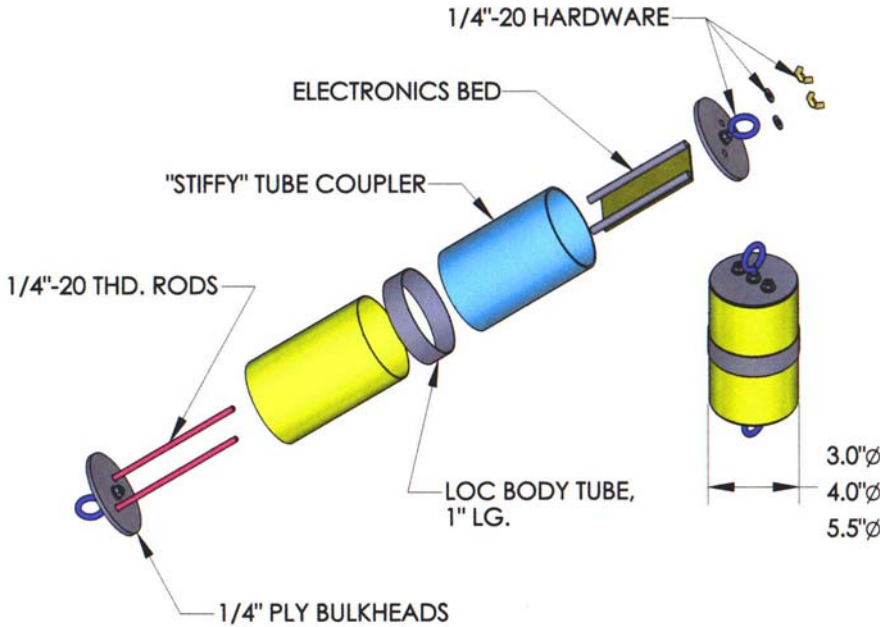


# LOC PRECISION ALTIMETER BAY

# EB-3.00 EB-3.00 LONG



The LOC/PRECISION model **EB-3.90** and **EB-3.90 LONG** altimeter bays are assembled in the same manner.

The electronics mounting sled is interchangeable between the 2 models and the **EB-5.38** electronics bay.

This design incorporates our Stiffy™ tube coupler stiffener, which provides additional strength and sealing capability to the assembly.

An optional 1" section of body tube is included with this assembly for mounting electrical switches and air holes if desired.

## PARTS LISTS

<u>COMPONENTS PACKAGE</u>			<u>HARDWARE PACKAGE</u>		
TC-3.00 or TC-3.90	TUBE COUPLER	1	LN-.25x20	NYLON INSERT LOCK NUT	2
STC-3.00 or STC-3.90	STIFFY TUBE COUPLER STIFFENER	1.3	WN-.25x20	WING NUT	2
EBP-3.00 OR EBP-3.90	WOOD END PLATE	2	EB-.25x20x1	TURNED EYEBOLT	2
AT-6.5	1/4X20 ALL THREAD	2	FW-.25x20x1	1" FENDER WASHER	4
ES-3-4	ELECTRONICS MOUNTING SLED	1	NFW-.25x20	NYLON FLAT WASHER	2
LL-25	LUGS FOR MOUNTING ES-3-4	2	HN-.25x20	HEX NUT/JAM NUT	6
			W-.25	WASHER 1/4"	4

## ASSEMBLY

1. Center the STIFFY™ tube coupler stiffener into the tube coupler and epoxy into place. This placement will allow for the wooden end plates to extend approximately 1/32" beyond each end of the tube coupler for strength and forms a seal to the outside area.
2. Complete the Eye Bolt assemblies by screwing them onto the end plates – a dab of epoxy will help hold the 1/4-20 nuts in place.
3. Secure one end plate to the 2 all thread pieces with nylon lock nuts on the outside of the assembly. Refer to the picture for the sequence if needed.
4. The optional mounting ring of tube material can be centered and glued into place at this time if desired.
5. Assemble the electronics sled by epoxying the launch lugs along the lines provided. Test fit the sled on the threaded rods and make any adjustments before the epoxy sets.
6. Mount electronics per the manufacturer's suggested instructions and add any ports needed to complete your bay.

This versatile assembly can be mounted in a variety of ways to facilitate various electronic experiments. Other sizes are available.

NOTE: USER ASSUMES TOTAL LEGAL RESPONSIBILITY FOR ANY DAMAGES OR CLAIMS INCLUDING PERSONAL INJURY THAT RESULT FROM THE USE OF THIS PRODUCT. DO NOT USE IF YOU DO NOT AGREE TO THESE TERMS. YOUR MONEY WILL BE REFUNDED WHEN THE UNIT IS RETURNED.