

STAR CONSTRUCTION — KEEL/BULB LOCATION

- 1) THE FULLY COMPLETE (READY TO SAIL) STAR BOAT IS USUALLY BALANCED TO HAVE A "BOW UP" CONDITION WITH THE STERN SLIGHTLY OUT OF THE WATER. INITIALLY, THIS IS ACCOMPLISHED BY THE FORE/AFT LOCATION OF THE BULB.
- 2) THE FORE/AFT LOCATION OF THE BULB CAN BE MADE ADJUSTABLE BY ADDING ELONGATED SLOTS IN THE KEEL.
- 3) THIS ADJUSTMENT MUST BE MADE WHILE THE BOAT IS AT REST IN CALM WATER. (SUCH AS A TUB OR A SWIMMING POOL.)
- 4) A SECONDARY ADJUSTMENT TO IMPROVE BALANCE CAN BE THE PLACEMENT OF THE BATTERIES INSIDE THE BOAT.
- 5) OTHER ADJUSTMENTS OF WEIGHT DISTRIBUTION IN THE BULB ITSELF CAN BE MADE BY REMOVING LEAD (BY DRILLING) AND FILLING THE HOLES WITH A LIGHT WEIGHT MATERIAL SUCH AS "BONDO".
- 6) THE HULL AS MOLDED BY "Skid-Do Industries" of Brookville Ohio (937-833-5677) HAS A LONG "MOLDED-IN" DIMPLE TO SHOW THE LOCATION OF THE KEEL. THIS DIMPLE IS SIMPLY GROUND OUT (WITH A DREMEL CUT-OFF WHEEL) TO FORM A SLOT THAT WILL ACCEPT THE KEEL.
- 7) THE DIMENSIONS SHOWN BELOW ARE THOSE CURRENTLY BEING USED WITH THE KEEL AND BULB SHOWN IN THIS BOOKLET.

