

TAKE ALL MEASUREMENTS ON DECK FROM DATUM AT BOW, 0 mm.

CENTRELINE OF SWING RIG MAST, 596.5 mm

FORWARD END OF DECK MOULDING ON CENTRELINE, 575 mm

DECK FENDER WITH SILICONE RUBBER CAULKING COMPOUND

FIXES FOR SHEET HORSE AT DECK EDGE, 747 mm

1204 mm
1225 mm

HOLE FOR FIN BOLT, 713 mm

TOP RUBBER BEARING 'POP RIVETED' 8mm Ø CARBON TUBE FOR RUBBER

DECK HOLE BUNG

70

89°

90°

656

420

39

* THIS DIMENSION MAY VARY SLIGHTLY, SAT ± 2 mm

815 * AERIAL STUB

DESIGNED BY GRAHAM BANTON

ENIGMA

ONE PIECE MOULDING FOR FIN BOX AND MAST TUBE (S) ENSURES PERFECT ALIGNMENT IN BOTH PLANES.

THE 420mm LEADING EDGE OF THE FIN GIVES A 490mm DRAUGHT IF THE STANDARD PATTERN BULB IS FIXED WITH ITS CENTRELINE ON THE BASE OF THE FIN

SLIGHTLY LONGER (UP TO 15 mm LONGER) AND BALLAST FIXED WITH ONLY 10mm OF FIN PROTRUDING INTO THE SLOT CAN GIVE A MAXIMUM DRAUGHT OF UP TO 520mm.

SHORTER THAN STANDARD FINS CAN BE SUPPLIED TO ENHANCE LIGHT AIRS PERFORMANCE.

THE CENTRE OF GRAVITY OF THE BALLAST SHOULD BE POSITIONED 39mm AFT OF THE LEADING EDGE OF THE FIN.

THE BALLAST WEIGHT CAN BE VARIED BETWEEN 8.0 AND 9.0 lbs (3.6 & 4.1 kgs) GIVING A TOTAL DISPLACEMENT ANYTHING BETWEEN 11.0 AND 12.8 lbs (5.0 & 5.8 kgs) (DEPENDING ON THE EXACT CONSTRUCTION CHOSEN)

8.5 lbs IS A GOOD COMPROMISE. ERR TOWARDS 8.0 lbs IF THE 'A' RIG IS USED A LOT. USE 9.0 lbs IF 'C' RIG AND 'B' RIG ARE MORE COMMONLY USED.

THE DISTANCE 'X' DEPENDS ENTIRELY ON THE TOTAL DISPLACEMENT - ABOUT 8 mm ON AVERAGE. SHOULD BE THE SAME AT BOW & STERN.

- FIX PLASTIC POT WHICH WILL CONTAIN BATTERY AND RECEIVER INTO DECK USING SILICONE RUBBER CAULKING COMPOUND (BATH SEALANT). CUT HOLE FOR WIND & SERVO WIRES FIRST. WHEN CURD USE THREE SMALL SCREWS TO FIX.
- CARBON FIBRE SHEET AERIALS REMARKABLY WELL. THE AERIAL OUT OF THE HULL AS CLOSE TO THE RIG AS POSSIBLE AND HOIST IT UP THE RIGGING.
- 60° (REALLY!) RUBBER MOVEMENT FROM 60° OF CENTRE LINE PENALTY TURNS ARE AVOID TO AVOID AND EXECUTE.

MOUNT THE KDH BLOCK OFF CENTRE TO AVOID BEARING. BRASS TUBE TAKES RETURN SHEET THROUGH DECK & BACK TO WIND. POSITION FAR ENOUGH FROM 'TRAY' EDGE FOR A 10mm OVERLAP ON PLASTIC COVERING.