

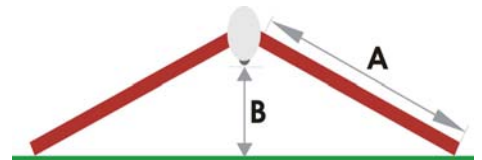
LARK

MAST: Proctor C

SAILS: Pinnell & Bax

A = spreader length 380mm

B = spreader angle 130mm



| Conditions | Mast rake | Rig tension |
|------------|-----------|-------------|
| Light | 6830mm | 350lbs |
| Medium | 6800mm | 375lbs |
| Heavy | 6780mm | 230lbs |

Note mast rake is measured from the top of the mast to top of transom.

- Aft transom to centre line centreboard bolt: 2305mm
- Jib leads from front of thwart light/heavy: 500mm
Medium: 525mm
- Jib leads vertically 400mm from bottom of side tank on barbour hauler system.
- Mast heel 170mm from front bulkhead to front step pin.

The mast on Lark is restricted to the Proctor C by rules. We recommend P&B sails on a low rigged mast with about 64mm of pre-bend in light winds introduced by the strut. In medium winds the mast is in its natural pre-bent state of about 26mm. In these conditions maximum rig tension is used which is enough to keep the leeward shroud tight. As the wind increases we allow the mast to bend fore and aft with the strut and rake aft and bend sideways by easing the rig tension. This opens the slot and eases the jib leech. In strong winds the leeward shroud is very slack, the Cunningham is then used to pull the flow forward in the sail.