

keel that can be canted to windward at angles of up to 25

good visibility. There is a large owner's cockpit aft, with dinghy stowage underneath. The radar mast contains two cockpit dodgers that can be folded down, fore and aft, for inclement weather. Some final engineering details—the basculating mast, in particular-are from full cant on one tack to full on the other. Internal

water-ballasting adds to the potential for a smooth ride, helpful on long passages. ■ The hull is a contemporary ultralight-displacement boat (ULDB)

configuration built in Sglass. But the increased stability

from the keel, combined with

more power from the big rig, makes

Chance's velocity-prediction programs say that the boat could be at

least 10 percent faster than com-

parable ULDB hulls of similar size; a

similar speed differential over con-

ventional designs could apply to

■ Interior space has been configured

by Chicago architect Diane Atwood,

who has blended the accommoda-

which are designed to be functional

boats of any size.

when under way.

On deck, the dual

steering console and nav

station amidships provide

The canting keel mechanism features an arm and accumulator

still being refined. Procyon, however, brings many concepts to reality. And if the reality works, there is no reason these solutions can't be used by others-on large boats and small.

As the traditional triad of speed, stability, and comfort continues to challenge sailors who are striving to tions-three staterooms and two improve the sport, Procyon may offer heads—in with the open living spaces. new answers.

**SPECIFICATIONS** 

LOA: 66'; LWL: 55'; beam: 15'8"; draft: 9'; displacement: 28,000 lbs; sail area: 1,925 sg ft; power: 140-hp Yanmar diesel; tankage: 250 gal water, 150 gal diesel fuel

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degrees. Maximum cant

should create 5 degrees less heel and produce speed gains of just

under half a knot. Although Chance

points out that the keel concept is not

new-L. Francis Herreshoff had the

idea half a century ago and, more

recently, Dave Hubbard's Red Her-

ring design used a canting keel-he

has simplified the structure, address-

ing safety and hydrodynamic issues

to make it suitable for the mass mar-

ket. The canting mechanism, with its

arm, takes up almost no space below.

The keel, hydraulically operated

with an accumulator system, always

has enough energy to move the keel

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is supported by a Bi-Pod con-

figuration featuring two

carbon-fiber sections at-