**Bubble Dancer**
**Stab V–mount**

Full Size
M.Drela 8 Feb 02

Using fewer layers of 5.0 oz CF cloth is a cheaper alternative for all parts.

- 0.045" hinge pins
- 32mm stab horn radius
- 11–15mm servo horn
- 6 layers 3.0 oz CF cloth, bias sheared to +/−20
- Using fewer layers of 5.0 oz CF cloth is a cheaper alternative for all parts
- 6–32 Nylon bolt
- 0.035"
- 12.5 deg

Small countersinks produce horn hole with a wider bearing surface.

Nylon block for easier screw removal.
flox/epoxy put here for strong threads.

Several 1K CF ows around pushrod hole.

2.5g total mass.

ten 1K CF tows around pin holes in V-strut layup.

CF boom, 1/2" dia. locally.