

# PENTAGON FIGHTER JAN 93

DESIGNED BY  
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BOW  $\phi$  2 x 24  $\frac{9}{16}$ "  
FIBREGLASS

COVER  
MYLAR OR TISSUE

TAPE (BOTH SIDES)

1" FRONT LEG

12  $\frac{5}{8}$ "  
REAR LEG

8  $\frac{7}{8}$ "

18  $\frac{1}{8}$ "

4  $\frac{3}{8}$ "

9  $\frac{1}{2}$ "

3  $\frac{1}{4}$ "

5  $\frac{3}{4}$ "

11  $\frac{1}{2}$ "

BATTENS 2 OFF  
 $\phi$  1.5 x 11" FIBREGLASS

SPINE  
3  $\frac{1}{16}$ " x 3  $\frac{1}{32}$ "  
BAMBOO  
(SHINY SIDE AGAINST COVER)

### How To Make

1. Tape cover material to board, (use masking tape).
2. Mark out design.
3. Tape edges. (use clear vinyl tape for freezer bags).
4. Tack glue spine on cover, and tape finally.
5. Tack glue battens into position and tape down.
6. Tape bow into position.
7. Cut all round and remove from board.
8. Reinforce bow ends with tape at tips.
9. Place reinforcement patches over bridle positions (from carpet tape).
10. Pierce bridle holes and fix bridle in position.
11. Fly!

N.B. This fighter can be flown as a normal kite with the addition of small streamers from the bottom corners. As a fighter it tracks like a korean, turns quickly, spins slowly - ideal as a first fighter.

The spine must be made from bamboo. Don't cheat with other materials as they will not give the correct spine reflex and pentagon will not fly properly.

### MATERIALS

BAMBOO FROM  
SIN AND COVENTRY,  
SABRE HOUSE, BRIDGE ST  
SALTNEY, CHESTER

### MYLAR

FROM JACK CROUCH  
829 BELMONT RD  
BOLTON BLU 7BU

### FIBRE GLASS

### KITEABILITY

2 GARFIELD RD  
ENFIELD MIDDX  
EN3 4RP