Estes Industries Rocket Plan No. 69

CONSTRICTOR

NOV. '69
DESIGN OF THE MONTH WINNER
By Randy Gibson, Cottondale, Alabama



PARTS LIST-

- 1 Nose Cone 1 Tail Cone
- 1 Tail Cone 2 Sheet Balsa
- 1 Body Tube 1 Body Tube
- 1 Parachute Kit
- #BNC-20B #BTC-55Z #BFS-30
- #BT-55 #BT-20B
- #PK-12
- 1 Engine Mount Kit #EH-2055 5 Centering Ring #RA-2055
- 2 Launching Lug #LL-2A 1 Shock Cord #SC-1
- 1 Shock Cord #SC-1 2 Short Engine Holder #EH-3

2 Tape Hinges #TH-1

FOLD

LINE

TEMPLATE

Ш

FIN ANGLI

VEGATIVE

MAKE 2 OF CARDBOARD STOCK

In addition to the parts above you will need a bottle of white glue, ruler, scissors, model knife, ballpoint pen, piece of cardboard (for patterns). Also needed is medium and fine sandpaper, sanding sealer, paint or dope and decals of your choice.

Trace rudder and wing fin patterns; tip plate and front wheel patterns onto stiff paper and cut them out. Trace the tube marking guide onto typing paper and cut out.

A non-symetrical fin layout and external shock cord mounting is the first clue that this bird is different. . . You examine that special nose cone set up and it becomes clear that this bird has a new type of 'chute release. You may find the flat recovery technique a real fin-saver for a bird of your own design.

RUDDER FIN GUIDE LINE

bo dy

the

(RUDDER LINE ENDS HERE)

Mark body tube at bottom of each notch — Remove guide and connect each pair of marks with a straight line.

> WING FIN GUIDE LINE

BODY TUBE MARKING GUIDE

WING FIN GUIDE LINE

> Match lines and tape guide together when wrapped around body tube

FOLD

Bend tabs (one each way to make template stand up and place body tube in the saddle with both wing f visible above the two arrows

(Use the second template to support the other

RECTION RUDDER FIN ONLY) GRAIN PLATE (MAKE 2) DIRECTION WING FIN (MAKE 2) LEADING EDGE GRAIN GRAIN DIRECTION FRONT 'WHEEL'' (MAKE 1)

Vol. 10, No. 1 - Page 10



