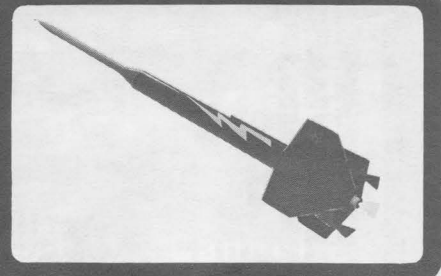


BLUE LIGHTNING

AUGUST, 1969

DESIGN OF THE MONTH WINNER

By Ivan Joe Sandman Lewistown, Mont.



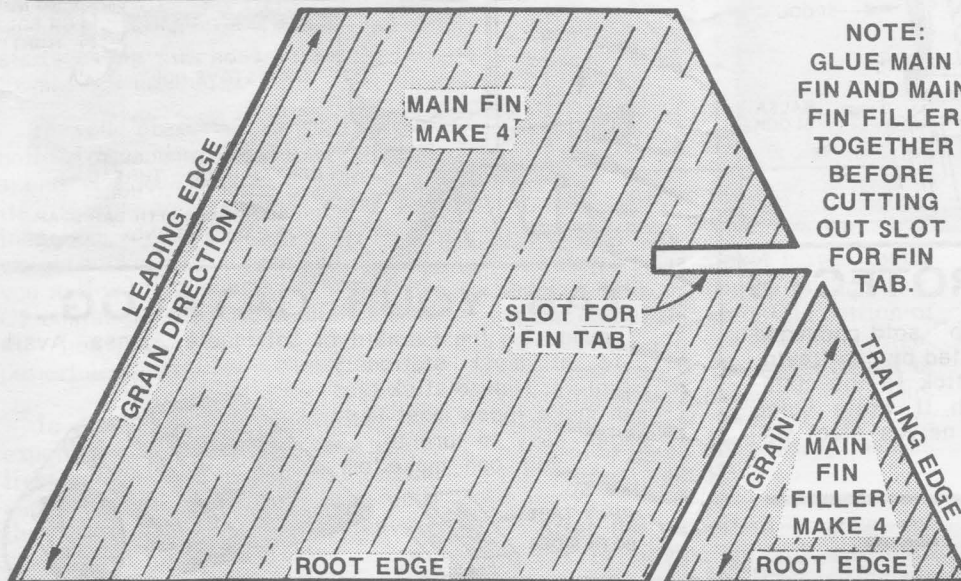
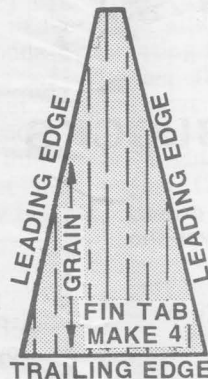
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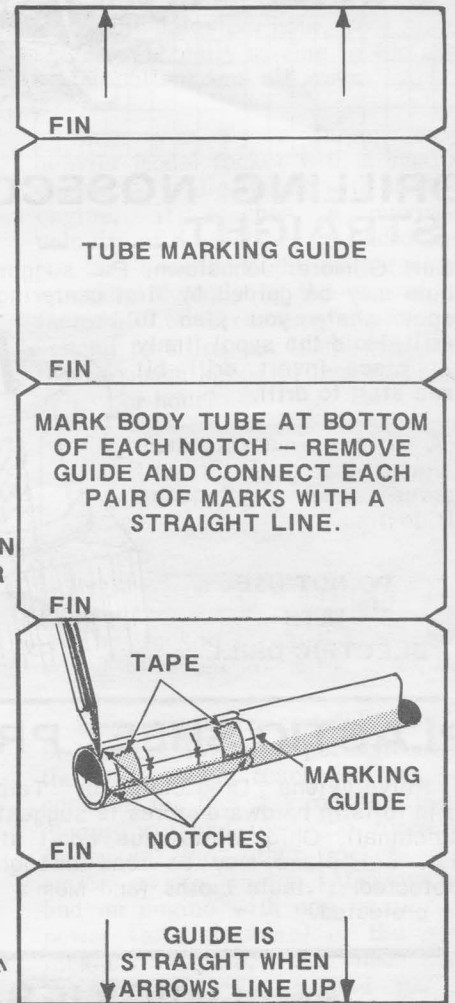
PARTS LIST

- | | | |
|---|--------------------|-------------|
| 1 | Launching Lug | Part #LL-2C |
| 1 | Nose Cone | #BNC-20N |
| 1 | 18" Body Tube | #BT-60 |
| 1 | 8.65" Body Tube | #BT-20B |
| 1 | Balsa Adapter | #TA-2060 |
| 2 | Sheets Balsa Stock | #BFS-40 |
| 1 | Engine Mount Kit | #EH-2060 |
| 1 | Snap Swivel | #SV-12 |
| 1 | Screw Eye | #SE-1 |
| 1 | Shock Cord | #SC-2 |
| 1 | Parachute Kit 24" | #PK-24 |
| 1 | Engine Holder | #EH-2 |

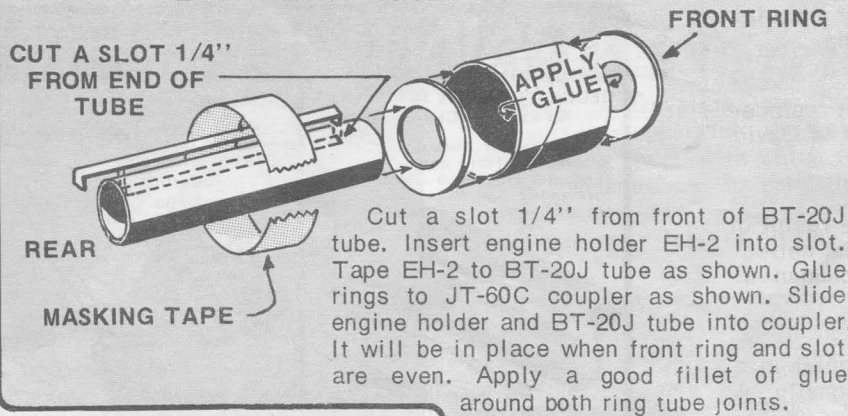
In addition to the parts listed above you will need white glue, scissors, masking tape, a model knife, sandpaper, a brush, paint or dope in your choice of colors.



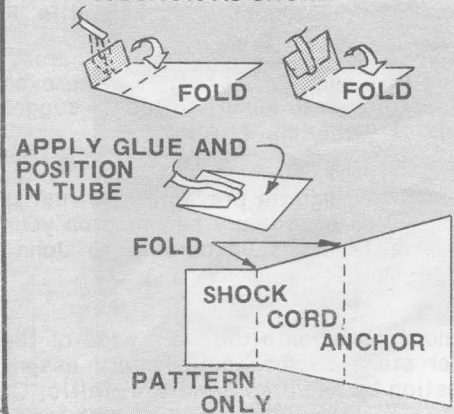
NOTE:
GLUE MAIN FIN AND MAIN FIN FILLER TOGETHER BEFORE CUTTING OUT SLOT FOR FIN TAB.

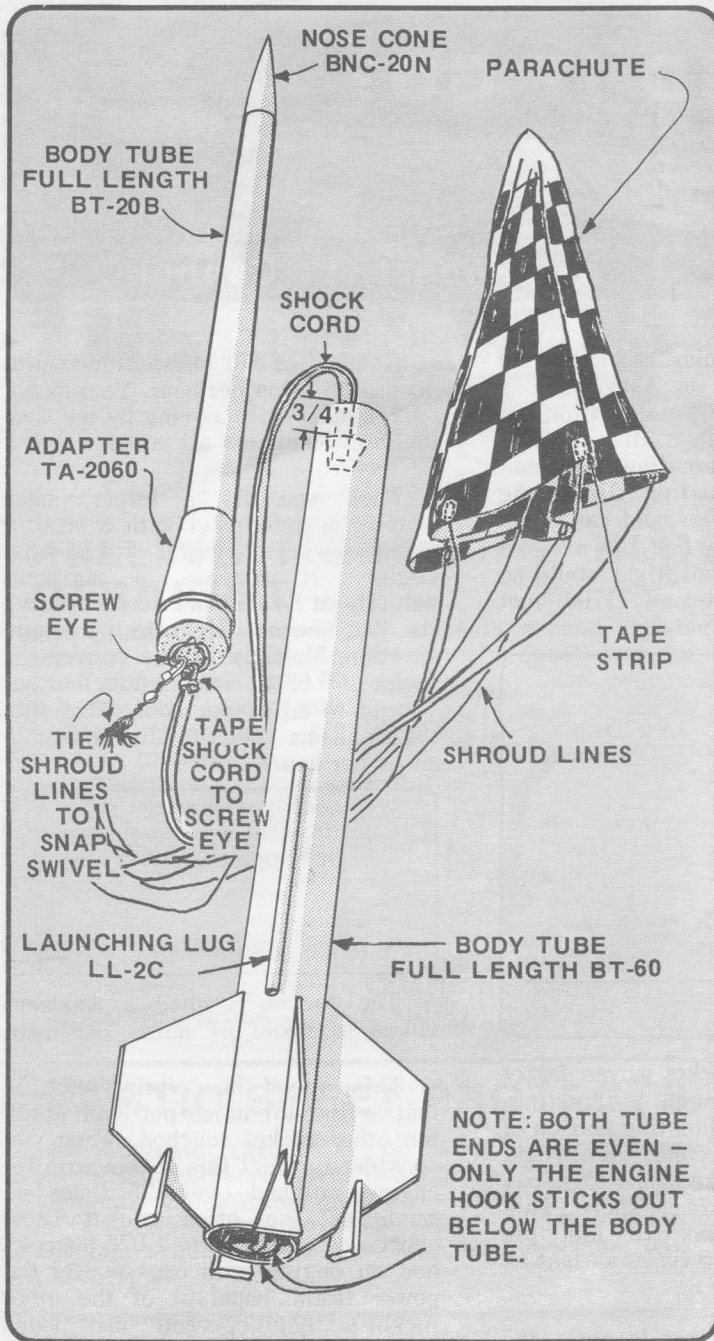


ENGINE MOUNT ASSEMBLY

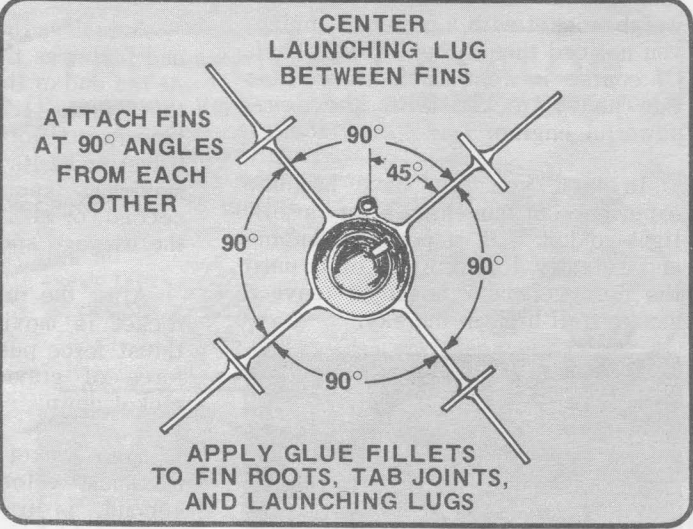
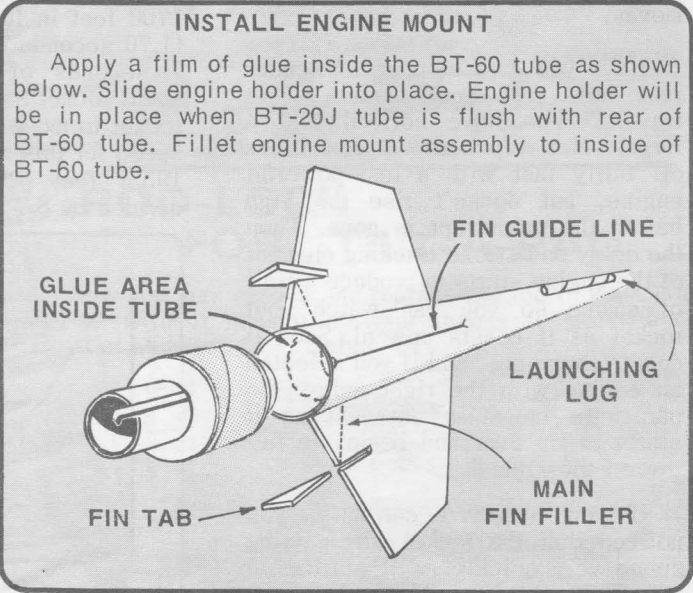


ATTACH SHOCK CORD TO ANCHOR AS SHOWN





Attach screw eye to adapter as shown in the technical section of your ESTES Model Rocket Catalog.
 Mark BT-60 tube for fins using tube marking guide.
 Insert engine holder unit in BT-60 tube as shown below.
 Copy fin and fin tab pattern onto BFS-40, cut out, sand all leading and trailing edges round.
 Attach fins, fin tabs, and launching lug as shown below.
 Glue adapter to BT-20B tube and insert nose cone. Do not glue nose cone in if payload is desired.
 Attach recovery system as shown.

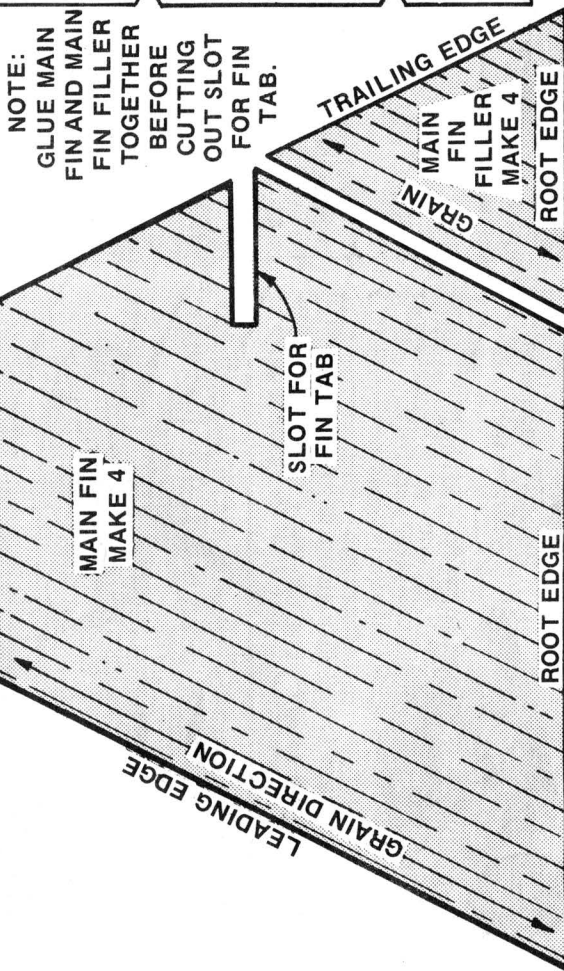
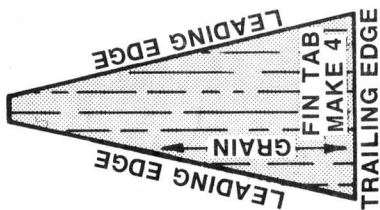
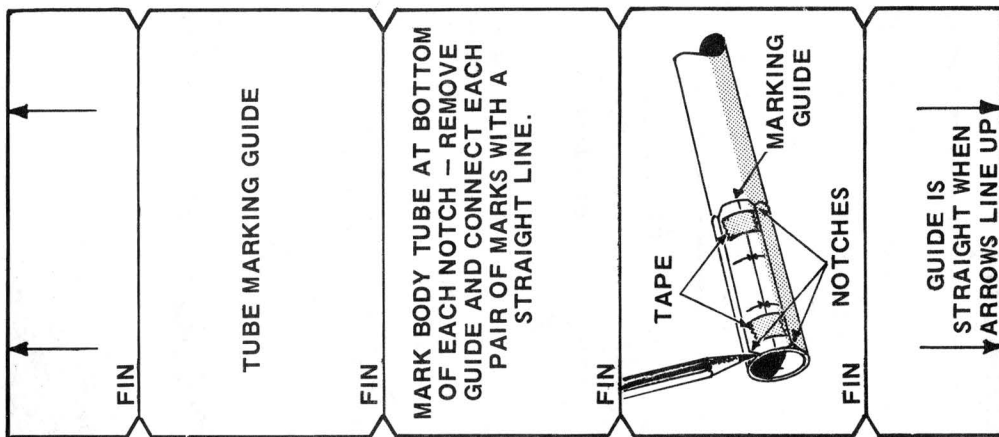


SPECIFICATIONS	
LENGTH	31.5"
FIN SPAN	7.6"
BODY DIAMETER	1.6"
WEIGHT	3.25 oz.

RECOVERY GEAR: USE A: 24" PARACHUTE FOR CALM WEATHER
 In winds over 10 mph use a 12" chute. For duration drifts use two 24" chutes.
 When flying the Blue Lightning use 7 squares of flameproof wadding.

RECOMMENDED ENGINES
 A8-3, B6-4 AND C6-5
 USE AN A8-3 FOR FIRST FLIGHT
 Sleek design and generous size make the Blue Lightning an excellent sport or demonstration model. Ivan states the fin tabs were designed to absorb landing shock but also provide ample support while the bird is on display.

Suggested colors for the "Blue Lightning" are two shades of Blue.



NOTE:
GLUE MAIN
FIN AND MAIN
FIN FILLER
TOGETHER
BEFORE
CUTTING
OUT SLOT
FOR FIN
TAB.