

The step-by-step assembly instructions are to be coordinated with the general construction techniques described in detail in Chapter 6 (Construction Techniques).

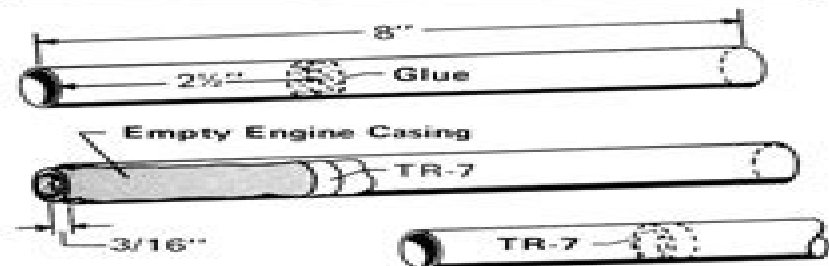
ACHILLES

Pseudo Scale Model

PARTS LIST

1 ST-712	Body Tube—need piece 8" long
1 TR-7	Thrust Ring
1 EL-1	Engine Lock (optional)
1 LRR-77	Mylar Lock Ring (optional)
1 PNC-76	Nose Cone
1 BFM-10	Balsa Fin Sheet
1 SC-18	Shock Cord
1 SCF-1	Shock Cord Fastener
1 RS-20	Streamer
1 LL-2	Launch Lug

Use paint and decals of your choice.



1 Cut body tube 8" long. Apply glue to inside of tube at 2-1/2" depth. Using an empty engine casing, push the thrust ring down into the tube until the engine casing is extended 3/16". Remove casing immediately.

2 Place 4 fin location marks on body tube by using guide on Page 19.

3 Mark appropriate fin pattern on the balsa sheet by using the ACHILLES fin template located on back cover.

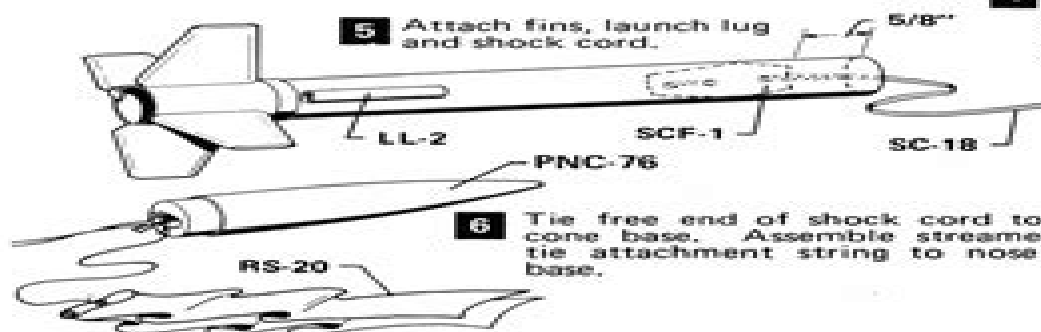
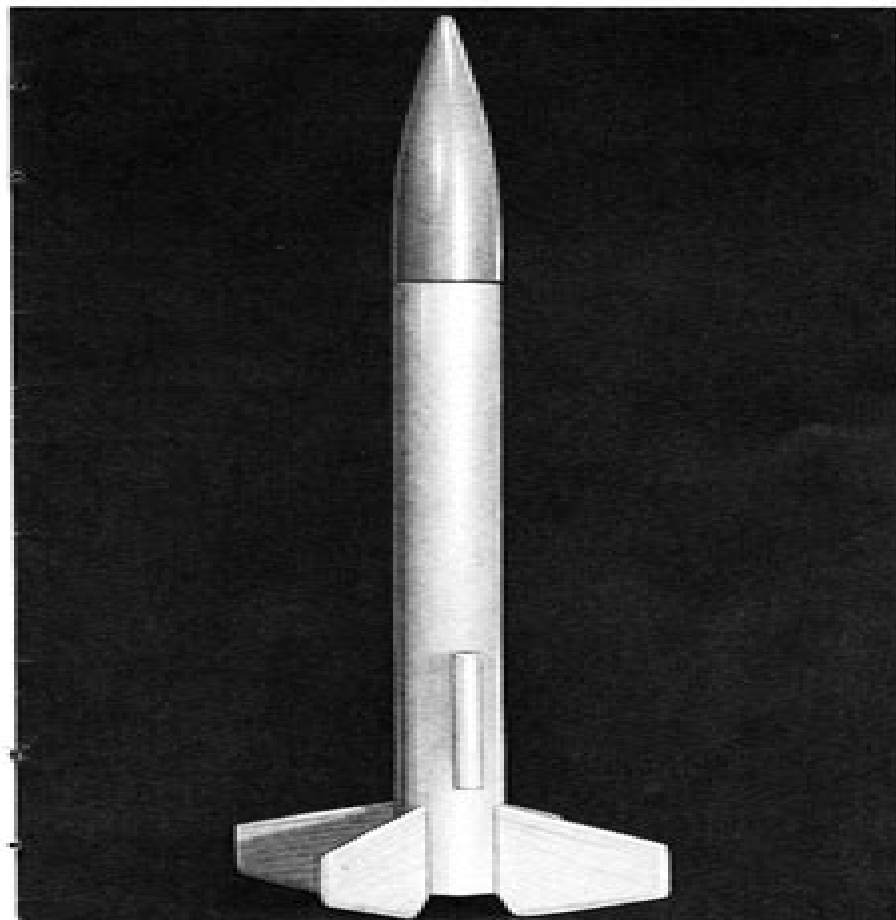


4 (OPTIONAL) Cut a short slit in the body tube at the base of the thrust ring. Insert one end of engine lock into slit. Glue the mylar lock ring over engine lock and body at the appropriate distance.

7 Sand and finish fins. Paint and apply decals to model.

Fly the ACHILLES with the following engines:

1/2 A6-4	B4-6	B14-6
A8-5	B6-6	C6-7



5 Attach fins, launch lug and shock cord.

6 Tie free end of shock cord to nose cone base. Assemble streamer and tie attachment string to nose cone base.

Model Rocket Designers Manual Usa Spacemodeling

G. Harry Stine



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today and watch your aspirations take flight

The Rocket Book Robert L. Cannon, Michael A. Banks, 1985-09-01

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