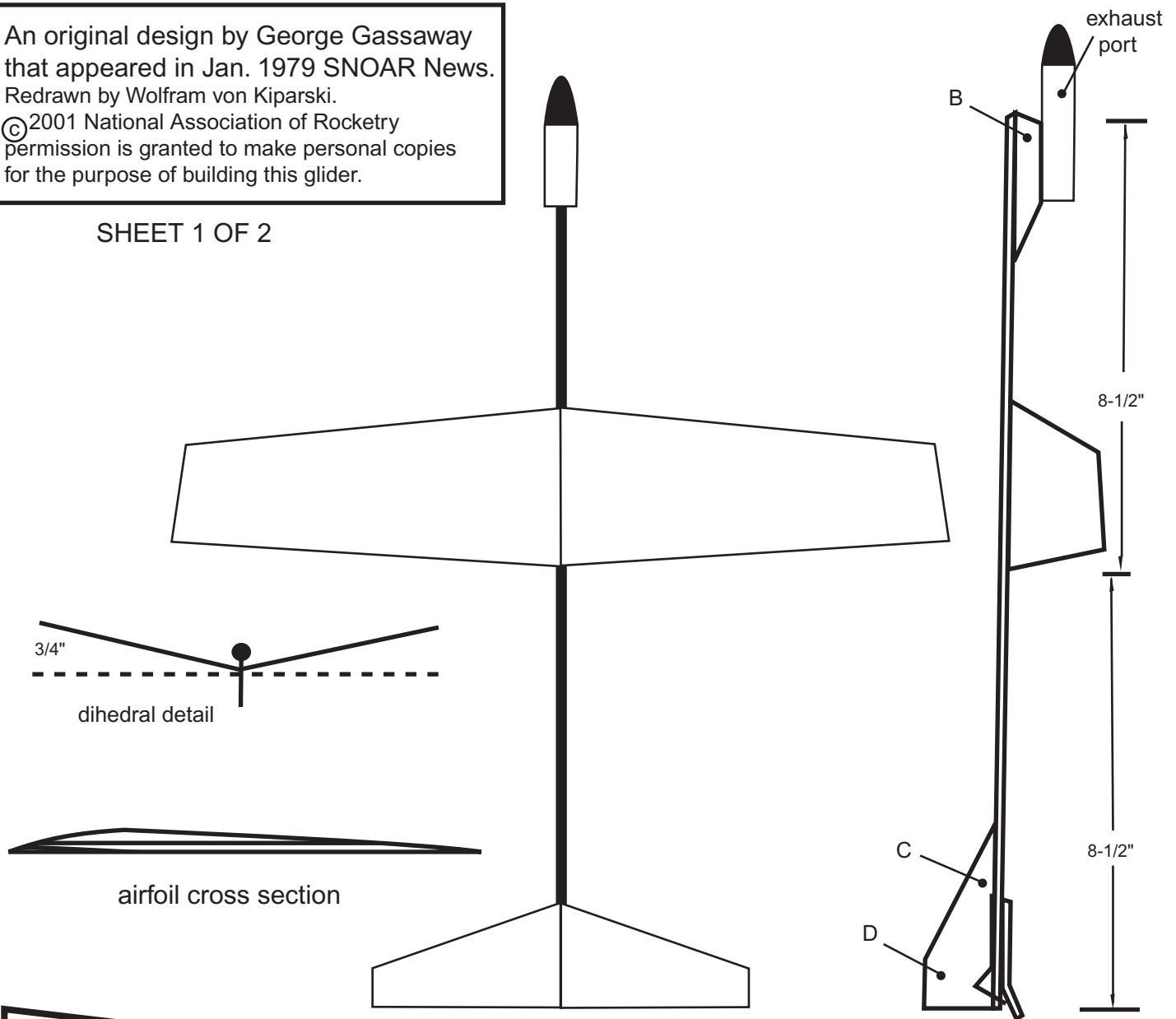


XEBEC-III A 1/2A - A rocket glider

An original design by George Gassaway that appeared in Jan. 1979 SNOAR News. Redrawn by Wolfram von Kiparski.
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SHEET 1 OF 2



grain

1/2 Wing - full size

3/32" light C-grain balsa, airfoiled and tissueed

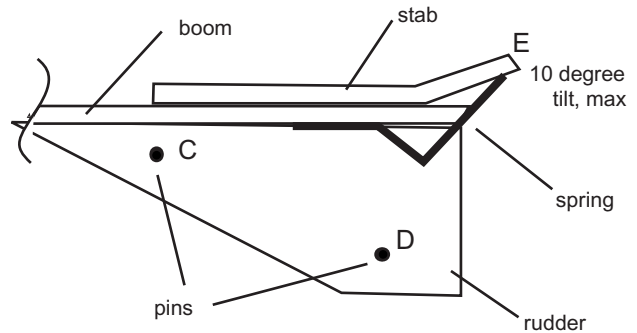
XEBEC-III A 1/2A - A rocket glider

Sheet 2 of 2

Materials List

3/32" x 1/4" x 17" spruce boom
 3/32" x 3" x 16" light C-grain balsa sheet
 1/20" x 3" x 9" light C-grain balsa sheet
 2-1/2" BT-5 pod
 short balsa nose cone for BT-5
 1/8" launch lugs
 4" 0.015" music wire for pop-elevator spring
 3 pins placed at B, C, D on pylon and rudder
 tissue or monokote for hinge material

Pop Elevator Detail



- tie thread to stabilizer at hole E.
- hold stab flat against boom, and string thread around pins C and D and then through pod exhaust port.
- tape end of thread to pod.
- increase thread tension by pulling thread over pin B on pylon.

Music wire spring detail - full size

