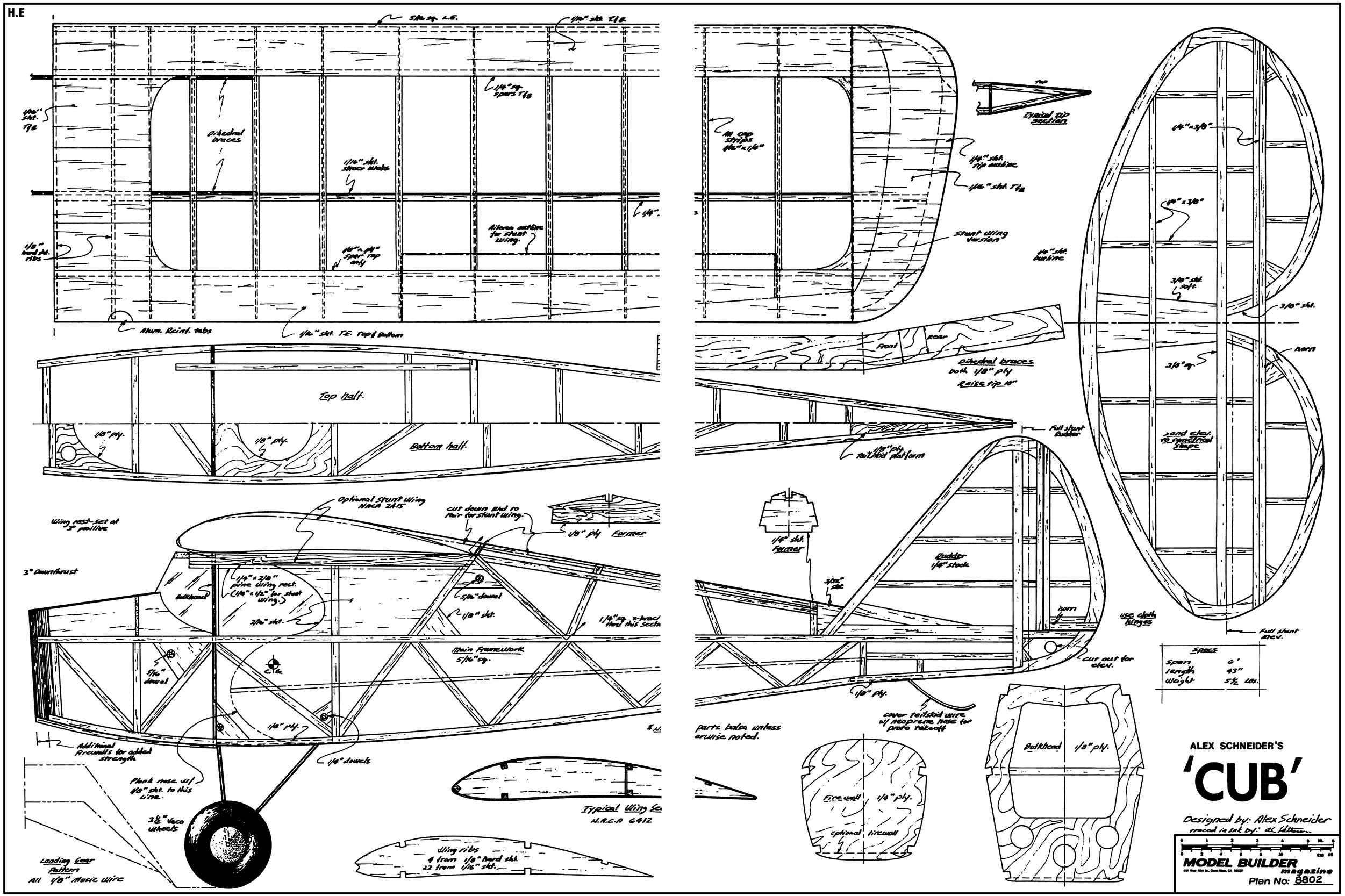
H.E


5/16 sq. L.E.
1/16" sht. T/E
1/16" sht. T/E
1/4" sq. spars T/B
Dihedral braces
1/16" sht. shear webs
1/4".
Aileron outline for stunt wing.
1/8" hard sh. ribs
1/4" x 1/4" spar rep only
Alum. Reinf. tabs
1/16" sht. T.E. Top & Bottom
Top half.
1/8" ply.
1/8" ply.
Bottom half.
Wing rest-set at 3° positive
Optional stunt wing NACA 2415
cut down Bhd to Fair for stunt wing.
1/8" ply Former
3" Downthrust
1/4" x 3/8" pine wing rest. (1/4" x 1/2" for stunt wing.)
Bulkhead
5/16" dowel
1/8" sht.
3/16" sht.
1/4" sq. x-brace thru this section
Main Framework 5/16" sq.
5/16" dowel
C.G.
1/8" ply.
Additional firewalls for added strength
1/4" dowels
Plank nose w/ 1/8" sht. to this line.
3 1/2" Veco wheels
Landing Gear Pattern
All 1/8" Music wire
Typical Wing Section
N.A.C.A 6412
Wing ribs
4 from 1/8" hard sh.
22 from 1/16" sht.
No cap strips 1/16" x 1/16"
1/4" sht. trip outline
1/16" sht. T/B
stunt wing version
1/4" sht. outline
Typical trip section
Top
Front
Rear
Dihedral braces both 1/8" ply
Raise trip 10"
1/8" ply Rail and platform
Full stunt rudder
1/4" sht. Former
Rudder 1/4" stock
3/16" sht.
horn
cut out for elev.
1/8" ply.
cover railskid wire w/ neoprene hose for proto takeoff
parts below unless otherwise noted.
Firewall 1/4" ply.
optional firewall
1/4" x 3/8"
1/4" x 3/8"
3/8" sht. soft.
3/8" sht.
horn
3/8" sq.
sand elev. to symmetrical shape
use cloth hinges
Full stunt elev.
SPECS
Span 6'
length 43"
Weight 5 1/2 lbs.
Bulkhead 1/8" ply.
ALEX SCHNEIDER'S
'CUB'
Designed by: Alex Schneider
MODEL BUILDER magazine
Plan No: 8802