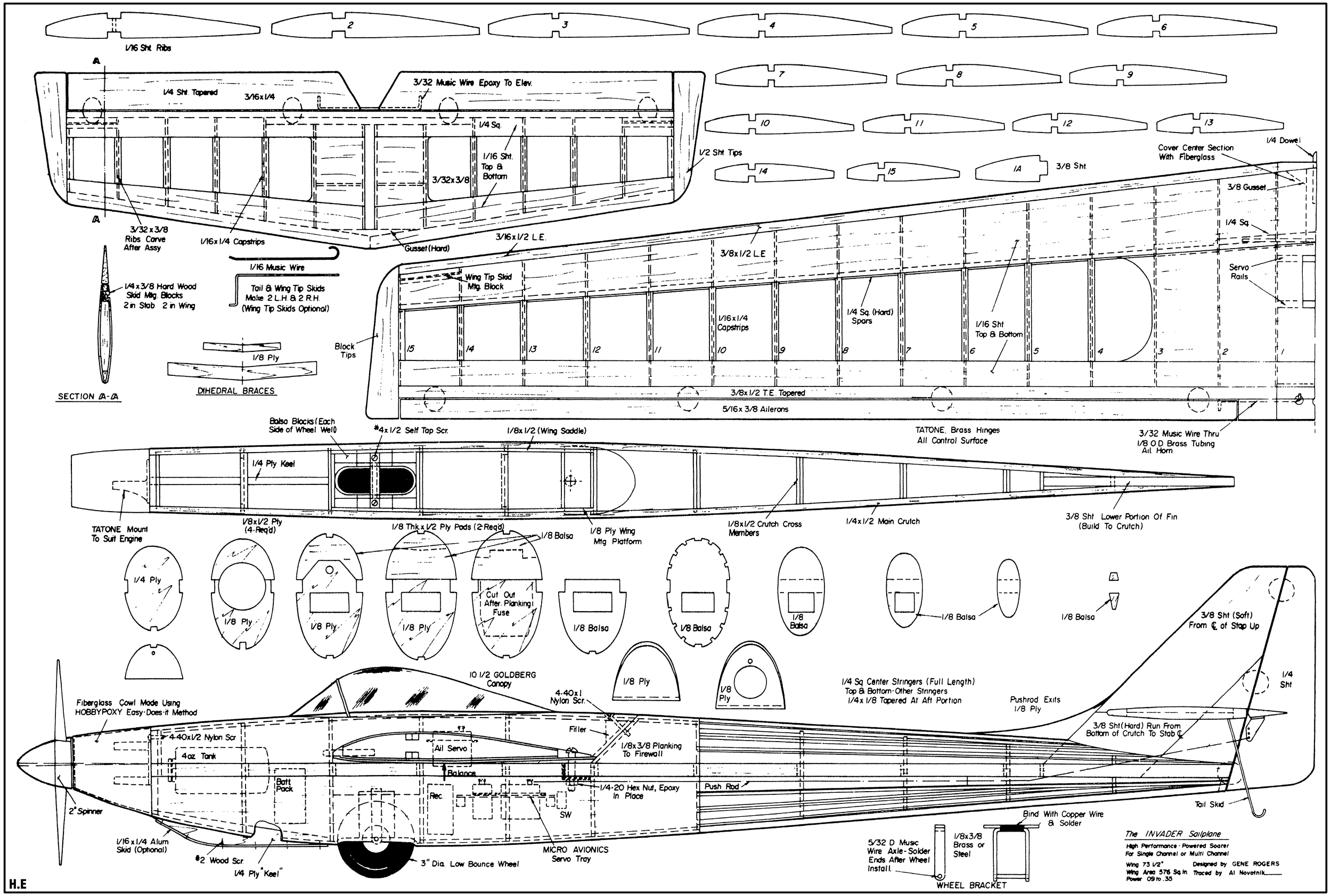
1/16 Sht. Ribs
2
3
4
5
6
7
8
9
10
11
12
13
14
15
1A
A
A
1/4 Sht. Tapered
3/16x1/4
3/32 Music Wire Epoxy To Elev.
1/4 Sq.
1/16 Sht. Top & Bottom
3/32x3/8
1/2 Sht Tips
3/8 Sht.
Cover Center Section With Fiberglass
1/4 Dowel
3/8 Gusset
1/4 Sq.
3/32x3/8 Ribs Carve After Assy
1/16x1/4 Capstrips
Gusset (Hard)
3/16x1/2 L.E.
3/8x1/2 L.E.
1/16 Music Wire
Tail & Wing Tip Skids Make 2 L.H. & 2 R.H. (Wing Tip Skids Optional)
Wing Tip Skid Mtg. Block
Servo Rails
1/4x3/8 Hard Wood Skid Mtg. Blocks 2 in Stab 2 in Wing
1/16x1/4 Capstrips
1/4 Sq. (Hard) Spars
1/16 Sht Top & Bottom
Block Tips
1/8 Ply
SECTION A-A
DIHEDRAL BRACES
3/8x1/2 T.E. Tapered
5/16x3/8 Ailerons
3/32 Music Wire Thru 1/8 O.D. Brass Tubing Ail. Horn
Balsa Blocks (Each Side of Wheel Well)
#4x1/2 Self Tap Scr.
1/8x1/2 (Wing Saddle)
TATONE, Brass Hinges All Control Surface
1/4 Ply Keel
TATONE Mount To Suit Engine
1/8x1/2 Ply (4-Req'd)
1/8 Thk x 1/2 Ply Pads (2-Req'd)
1/8 Balsa
1/8 Ply Wing Mtg. Platform
1/8x1/2 Crutch Cross Members
1/4x1/2 Main Crutch
3/8 Sht Lower Portion Of Fin (Build To Crutch)
1/4 Ply
1/8 Ply
1/8 Ply
1/8 Ply
Cut Out After Planking Fuse
1/8 Balsa
1/8 Balsa
1/8 Balsa
1/8 Balsa
1/8 Balsa
3/8 Sht (Soft) From ℄ of Stap Up
10 1/2 GOLDBERG Canopy
1/8 Ply
1/8 Ply
4-40x1 Nylon Scr.
1/4 Sq Center Stringers (Full Length) Top & Bottom-Other Stringers 1/4x1/8 Tapered At Aft Portion
Pushrod Exits 1/8 Ply
1/4 Sht
Fiberglass Cowl Made Using HOBBYPOXY Easy-Does-it Method
4-40x1/2 Nylon Scr.
4oz. Tank
Filler
Ail Servo
1/8x3/8 Planking To Firewall
3/8 Sht (Hard) Run From Bottom of Crutch To Stab ℄
Balance
Batt Pack
Rec.
1/4-20 Hex Nut, Epoxy In Place
Push Rod
SW
2" Spinner
Tail Skid
Bind With Copper Wire & Solder
1/16x1/4 Alum Skid (Optional)
#2 Wood Scr.
1/4 Ply "Keel"
3" Dia. Low Bounce Wheel
MICRO AVIONICS Servo Tray
5/32 D Music Wire Axle-Solder Ends After Wheel Install
1/8x3/8 Brass or Steel
WHEEL BRACKET
The INVADER Sailplane
High Performance - Powered Soarer
For Single Channel or Multi Channel
Wing 73 1/2"
Wing Area 576 Sq.in.
Power 09 to .35
Designed by GENE ROGERS
Traced by Al Novotnik
H.E