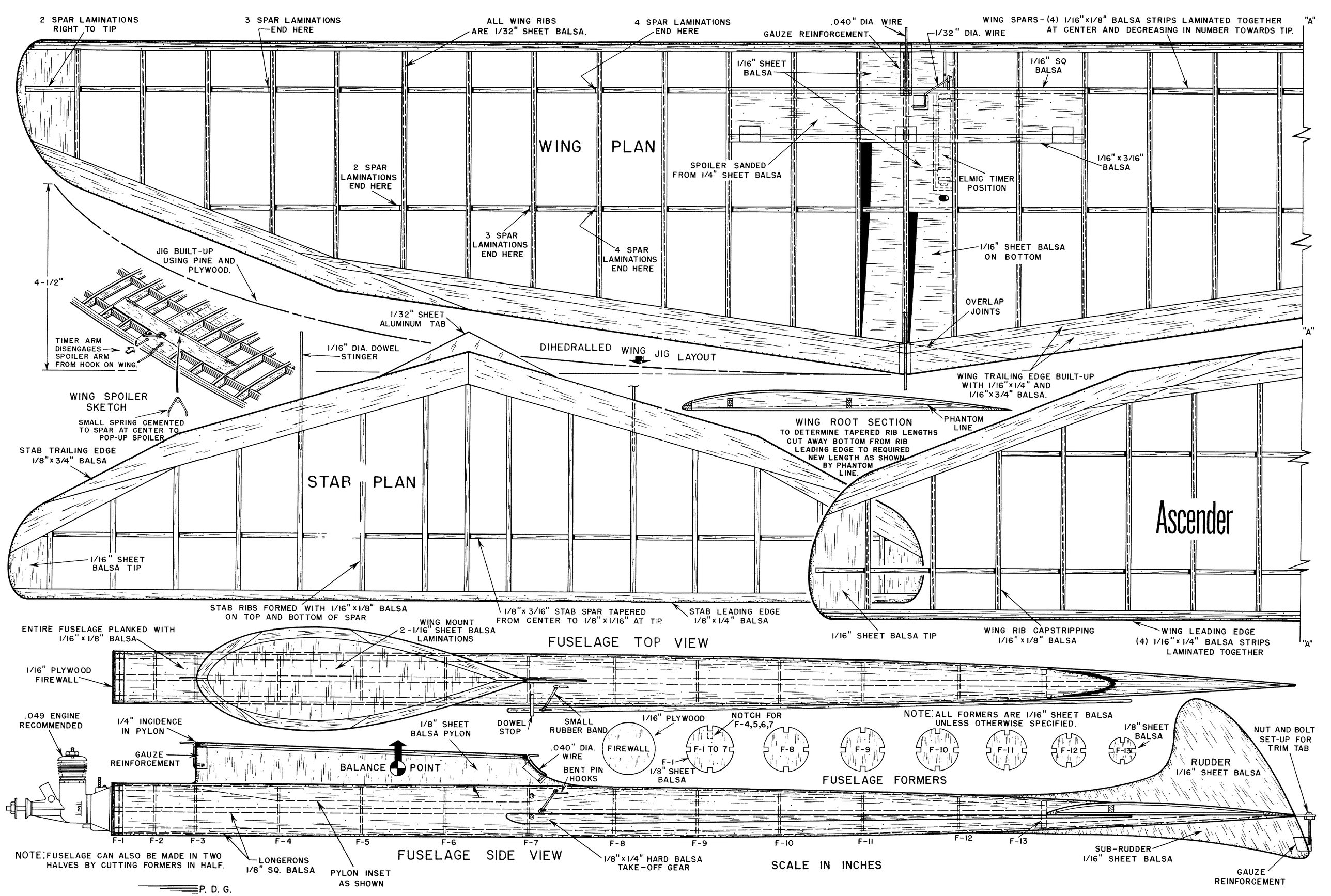
2 SPAR LAMINATIONS RIGHT TO TIP
3 SPAR LAMINATIONS END HERE
ALL WING RIBS ARE 1/32" SHEET BALSA.
4 SPAR LAMINATIONS END HERE
.040" DIA. WIRE
GAUZE REINFORCEMENT
1/32" DIA. WIRE
WING SPARS - (4) 1/16"x1/8" BALSA STRIPS LAMINATED TOGETHER AT CENTER AND DECREASING IN NUMBER TOWARDS TIP.
"A"
1/16" SHEET BALSA
1/16" SQ BALSA
WING PLAN
2 SPAR LAMINATIONS END HERE
SPOILER SANDED FROM 1/4" SHEET BALSA
ELMIC TIMER POSITION
1/16" x 3/16" BALSA
3 SPAR LAMINATIONS END HERE
4 SPAR LAMINATIONS END HERE
1/16" SHEET BALSA ON BOTTOM
JIG BUILT-UP USING PINE AND PLYWOOD.
4-1/2"
OVERLAP JOINTS
1/32" SHEET ALUMINUM TAB
TIMER ARM DISENGAGES SPOILER ARM FROM HOOK ON WING.
1/16" DIA. DOWEL STINGER
DIHEDRALLED WING JIG LAYOUT
WING TRAILING EDGE BUILT-UP WITH 1/16"x1/4" AND 1/16"x3/4" BALSA.
WING SPOILER SKETCH
SMALL SPRING CEMENTED TO SPAR AT CENTER TO POP-UP SPOILER
PHANTOM LINE
WING ROOT SECTION
TO DETERMINE TAPERED RIB LENGTHS CUT AWAY BOTTOM FROM RIB LEADING EDGE TO REQUIRED NEW LENGTH AS SHOWN BY PHANTOM LINE.
STAB TRAILING EDGE 1/8"x3/4" BALSA
STAB PLAN
Ascender
1/16" SHEET BALSA TIP
STAB RIBS FORMED WITH 1/16"x1/8" BALSA ON TOP AND BOTTOM OF SPAR
1/8"x3/16" STAB SPAR TAPERED FROM CENTER TO 1/8"x1/16" AT TIP
STAB LEADING EDGE 1/8"x1/4" BALSA
1/16" SHEET BALSA TIP
WING RIB CAPSTRIPPING 1/16"x1/8" BALSA
WING LEADING EDGE (4) 1/16"x1/4" BALSA STRIPS LAMINATED TOGETHER
"A"
ENTIRE FUSELAGE PLANKED WITH 1/16"x1/8" BALSA
WING MOUNT 2-1/16" SHEET BALSA LAMINATIONS
FUSELAGE TOP VIEW
1/16" PLYWOOD FIREWALL
.049 ENGINE RECOMMENDED
1/4" INCIDENCE IN PYLON
1/8" SHEET BALSA PYLON
DOWEL STOP
SMALL RUBBER BAND
1/16" PLYWOOD
NOTCH FOR F-4,5,6,7
NOTE: ALL FORMERS ARE 1/16" SHEET BALSA UNLESS OTHERWISE SPECIFIED.
1/8" SHEET BALSA
NUT AND BOLT SET-UP FOR TRIM TAB
GAUZE REINFORCEMENT
.040" DIA. WIRE
FIREWALL
F-1 TO 7
F-8
F-9
F-10
F-11
F-12
F-13
BALANCE POINT
BENT PIN HOOKS
F-1
1/8" SHEET BALSA
FUSELAGE FORMERS
RUDDER 1/16" SHEET BALSA
F-1
F-2
F-3
F-4
F-5
F-6
F-7
F-8
F-9
F-10
F-11
F-12
F-13
NOTE: FUSELAGE CAN ALSO BE MADE IN TWO HALVES BY CUTTING FORMERS IN HALF.
LONGERONS 1/8" SQ. BALSA
PYLON INSET AS SHOWN
FUSELAGE SIDE VIEW
1/8"x1/4" HARD BALSA TAKE-OFF GEAR
SCALE IN INCHES
SUB-RUDDER 1/16" SHEET BALSA
GAUZE REINFORCEMENT
P. D. G.