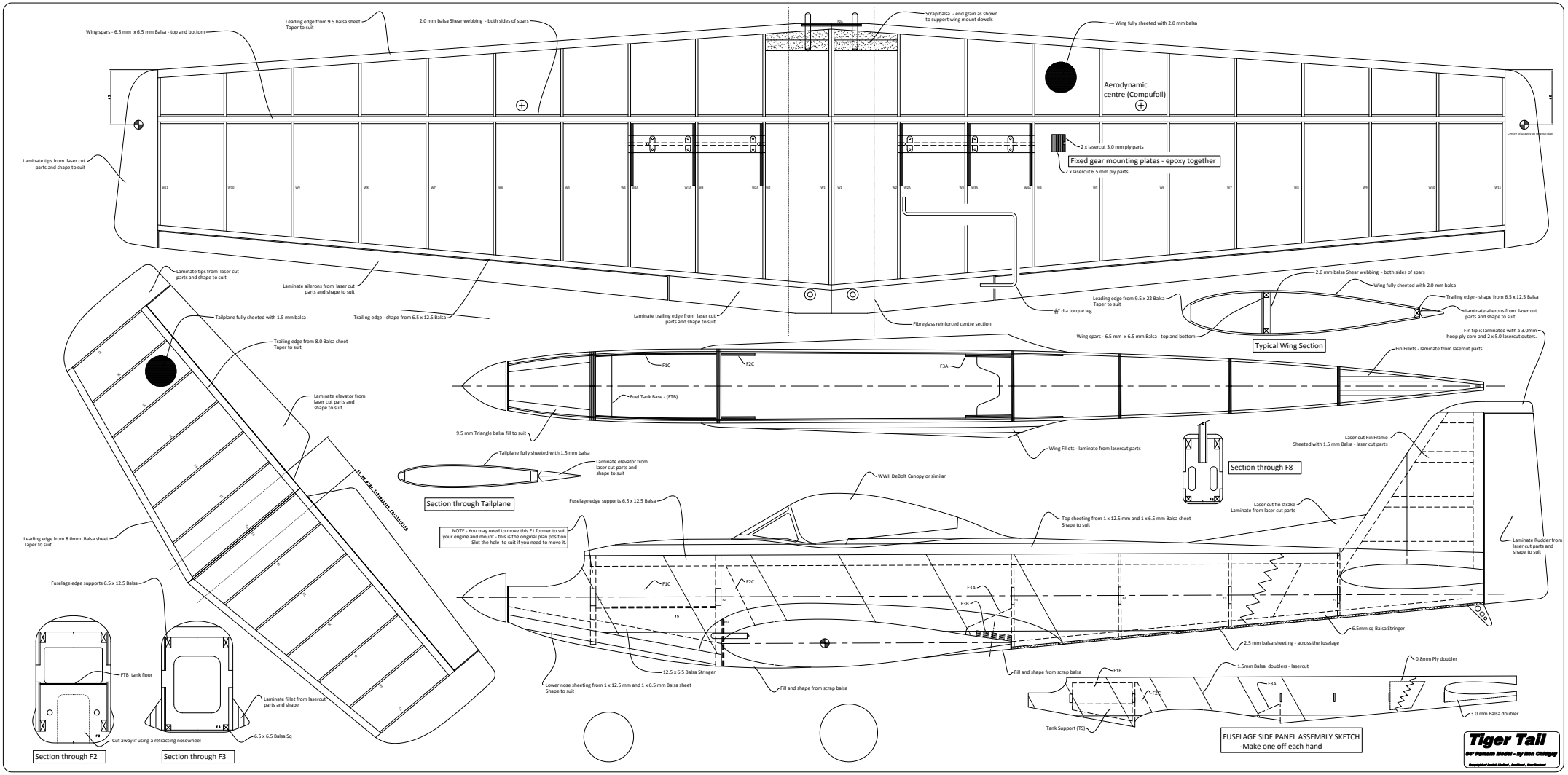
Wing spars - 6.5 mm x 6.5 mm Balsa - top and bottom
Leading edge from 9.5 balsa sheet Taper to suit
2.0 mm balsa Shear webbing - both sides of spars
Scrap balsa - end grain as shown to support wing mount dowels
Wing fully sheeted with 2.0 mm balsa
Aerodynamic centre (Compufoil)
Laminate tips from laser cut parts and shape to suit
2 x lasercut 3.0 mm ply parts
Fixed gear mounting plates - epoxy together
2 x lasercut 6.5 mm ply parts
Laminate tips from laser cut parts and shape to suit
Laminate ailerons from laser cut parts and shape to suit
Trailing edge - shape from 6.5 x 12.5 Balsa
Laminate trailing edge from laser cut parts and shape to suit
Fibreglass reinforced centre section
Tailplane fully sheeted with 1.5 mm balsa
Trailing edge from 8.0 Balsa sheet Taper to suit
Laminate elevator from laser cut parts and shape to suit
Leading edge from 8.0mm Balsa sheet Taper to suit
Fuselage edge supports 6.5 x 12.5 Balsa
FTB tank floor
Cut away if using a retracting nosewheel
Laminate fillet from lasercut parts and shape
6.5 x 6.5 Balsa Sq
Section through F2
Section through F3
F1C
F2C
F3A
Fuel Tank Base - (FTB)
9.5 mm Triangle balsa fill to suit
Tailplane fully sheeted with 1.5 mm balsa
Laminate elevator from laser cut parts and shape to suit
Section through Tailplane
Fuselage edge supports 6.5 x 12.5 Balsa
NOTE - You may need to move this F1 former to suit your engine and mount - this is the original plan position Slot the hole to suit if you need to move it.
WWII DeBolt Canopy or similar
Top sheeting from 1 x 12.5 mm and 1 x 6.5 mm Balsa sheet Shape to suit
F3B
12.5 x 6.5 Balsa Stringer
Lower nose sheeting from 1 x 12.5 mm and 1 x 6.5 mm Balsa sheet Shape to suit
Fill and shape from scrap balsa
Fill and shape from scrap balsa
2.5 mm balsa sheeting - across the fuselage
6.5mm sq Balsa Stringer
Wing Fillets - laminate from lasercut parts
Leading edge from 9.5 x 22 Balsa Taper to suit
2.0 mm balsa Shear webbing - both sides of spars
Wing fully sheeted with 2.0 mm balsa
Trailing edge - shape from 6.5 x 12.5 Balsa
Laminate ailerons from laser cut parts and shape to suit
Wing spars - 6.5 mm x 6.5 mm Balsa - top and bottom
Typical Wing Section
Fin tip is laminated with a 3.0mm hoop ply core and 2 x 5.0 lasercut outers.
Fin Fillets - laminate from lasercut parts
Laser cut Fin Frame Sheeted with 1.5 mm Balsa - laser cut parts
Section through F8
Laser cut fin strake Laminate from laser cut parts
Laminate Rudder from laser cut parts and shape to suit
F1B
F2C
F3A
1.5mm Balsa doublers - lasercut
0.8mm Ply doubler
3.0 mm Balsa doubler
Tank Support (TS)
FUSELAGE SIDE PANEL ASSEMBLY SKETCH
-Make one off each hand
Tiger Tail
64" Pattern Model - by Ron Chidgey