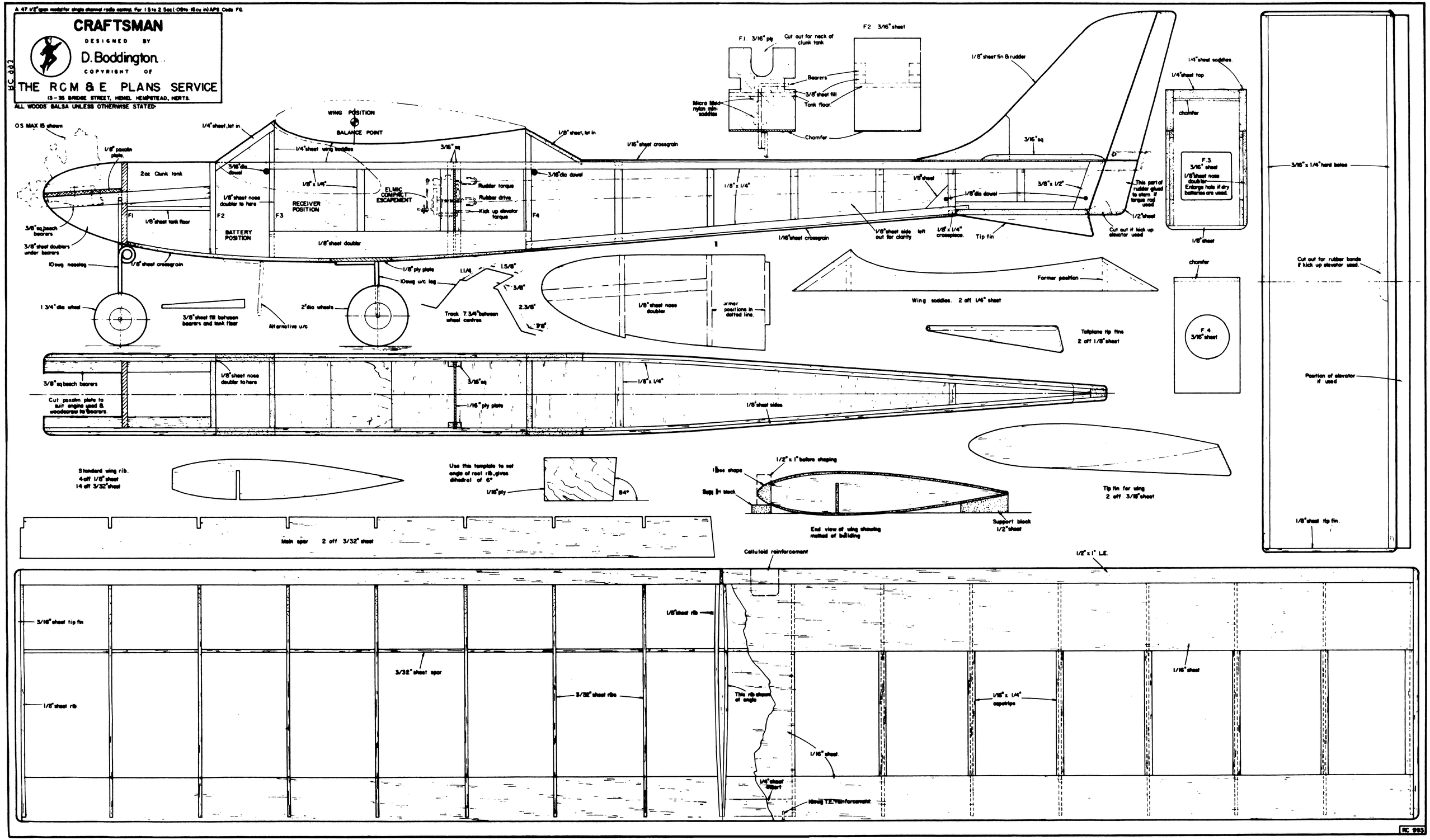
A 47 1/2" span model for single channel radio control. For 1.5 to 2.5cc (.09 to .15cu in) APS Code F6.
CRAFTSMAN
DESIGNED BY
D. Boddington
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THE RCM & E PLANS SERVICE
13-35 BRIDGE STREET, HEMEL HEMPSTEAD, HERTS.
ALL WOODS BALSA UNLESS OTHERWISE STATED
OS MAX 15 shown
WING POSITION
BALANCE POINT
1/4" sheet, let in
1/8" paxolin plate.
2oz Clunk tank
3/16" dia dowel
1/4" sheet wing saddles
3/16" sq
1/8" x 1/4"
ELMIC COMPACT ESCAPEMENT
Rudder torque
Rudder drive
Kick up elevator torque
RECEIVER POSITION
1/8" sheet nose doubler to here
BATTERY POSITION
1/8" sheet tank floor
1/8" sheet doubler
3/8" sq beech bearers
3/8" sheet doublers under bearers
10swg nosleg
1/8" sheet crossgrain
1/8" ply plate
10swg u/c leg
1 3/4" dia wheel
3/8" sheet fill between bearers and tank floor
Alternative u/c
2" dia wheels
Track 7 3/4" between wheel centres
1/8" sheet nose doubler
former positions in dotted line.
1/8" sheet sides
1/16" ply plate
Cut paxolin plate to suit engine used & woodscrews to bearers.
F1. 3/16" ply
Cut out for neck of clunk tank
Bearers
3/8" sheet fill
Tank floor
Micro Mold nylon mini saddles
Chamfer
F2 3/16" sheet
1/8" sheet fin & rudder
1/16" sheet crossgrain
1/8" sheet
1/8" dia dowel
3/8" x 1/2"
This part of rudder glued to stern if torque rod used
1/2" sheet
Cut out if kick up elevator used
1/8" x 1/4" crossplace.
Tip fin
1/16" sheet crossgrain
1/8" sheet side left out for clarity
Former position
Wing saddles. 2 off 1/4" sheet
Tailplane tip fins 2 off 1/8" sheet
1/4" sheet saddles.
1/4" sheet top
chamfer
F.3. 3/16" sheet
1/8" sheet nose doubler
Enlarge hole if dry batteries are used.
1/8" sheet
F.4. 3/16" sheet
3/16" x 1/4" hard balsa
Cut out for rubber bands if kick up elevator used.
Position of elevator if used
1/8" sheet tip fin.
Standard wing rib. 4 off 1/8" sheet 14 off 3/32" sheet
Use this template to set angle of root rib, gives dihedral of 6°
1/16" ply
84°
1/2" x 1" before shaping
Bow shape
Sugg 1" block
End view of wing showing method of building
Support block 1/2" sheet
Tip fin for wing 2 off 3/16" sheet
Main spar 2 off 3/32" sheet
Celluloid reinforcement
1/2" x 1" L.E.
3/16" sheet tip fin
1/8" sheet rib
3/32" sheet spar
3/32" sheet ribs
This rib sheet at angle
1/16" sheet
1/16" x 1/4" capstrips
1/4" sheet short
10swg T.E. reinforcement
RC 993