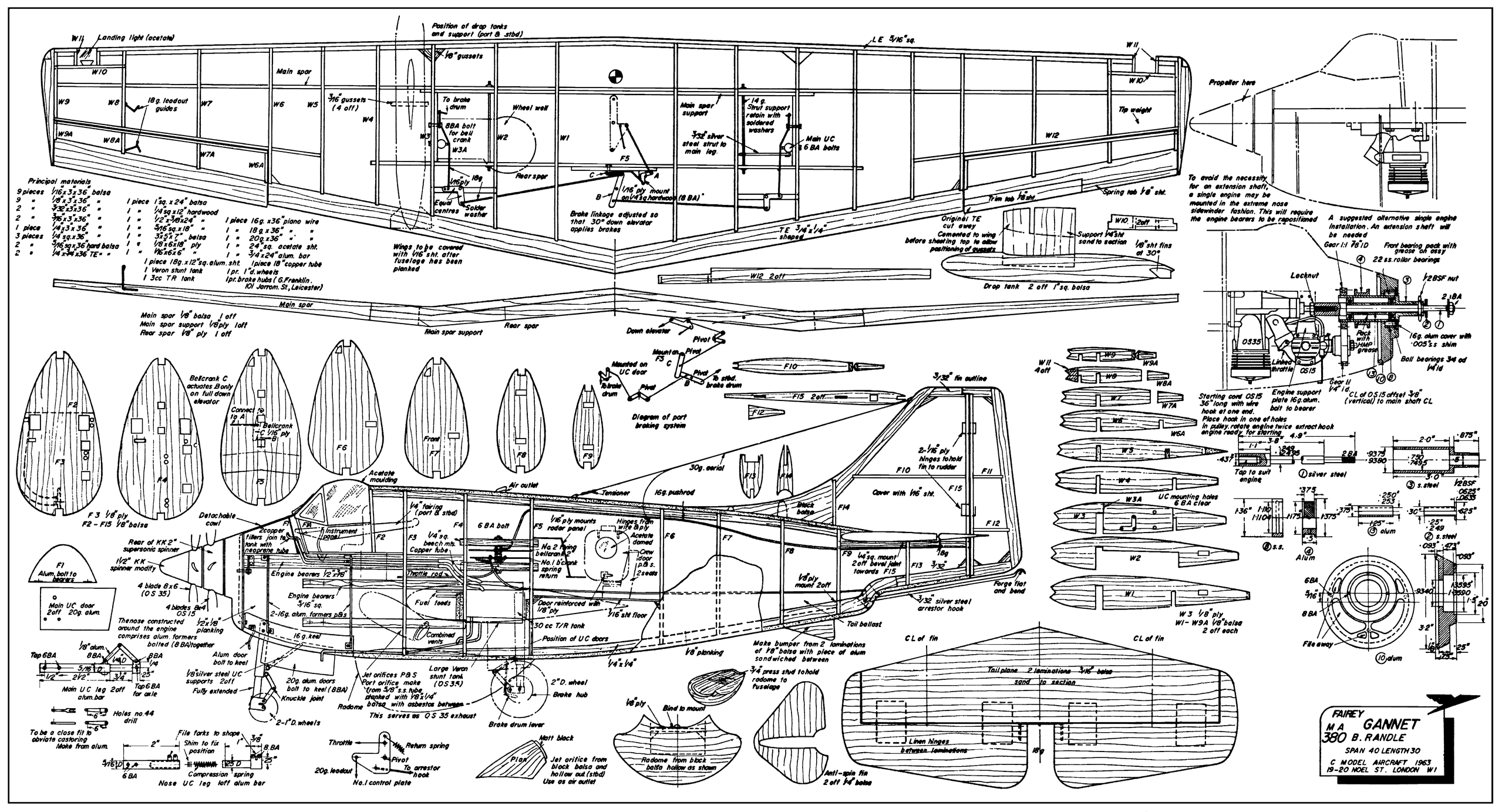
Landing light (acetate)
Position of drop tanks and support (port & stbd)
1/8" gussets
LE 5/16" sq.
W11
W10
Main spar
W9
W8
18g. leadout guides
W7
W6
W5
3/16" gussets (4 off)
W4
To brake drum
8BA bolt for bell crank
W3A
W3
W2
W1
Wheel well
Main spar support
14g. Strut support retain with soldered washers
3/32" silver steel strut to main leg.
Main UC 6 BA bolts
W12
Propeller here
Tip weight
W9A
W8A
W7A
W6A
F5
Rear spar
1/16" ply
18g
Equal centres
Solder washer
1/16" ply mount on 1/4 sq hardwood (8 BA)
Brake linkage adjusted so that 30° down elevator applies brakes
Trim tab 1/8" sht.
Spring tab 1/8" sht.
Wings to be covered with 1/16" sht. after fuselage has been planked
TE 3/4" x 1/4" shaped
Original TE cut away
Cemented to wing before sheeting top to allow positioning of gussets
Support 1/4" sht sand to section
1/8" sht fins at 30°
W10 2off
W12 2off
Drop tank 2 off 1" sq. balsa
Principal materials
9 pieces 1/16 x 3 x 36" balsa
9 " 1/8 x 3 x 36" "
2 " 3/32 x 3 x 36" "
2 " 3/16 x 3 x 36" "
1 piece 1/4 x 3 x 36" "
3 pieces 1/4 sq. x 36" "
2 " 5/16 sq. x 36" hard balsa
2 " 1/4 x 1/4 x 36 TE" "
1 piece 1" sq. x 24" balsa
1 " 1/4 sq x 12" hardwood
1 " 1/2 x 3/8 x 24" "
1 " 3/16 sq. x 18" "
1 " 3 x 5 x 7" balsa
1 " 1/8 x 6 x 18" ply
1 " 1/16 x 6 x 6" "
1 piece 18g. x 12" sq. alum. sht.
1 Veron stunt tank
1 3cc TR tank
1 piece 16g. x 36" piano wire
1 " 18g x 36" " "
1 " 20g x 36" " "
1 " 24" sq. acetate sht.
1 " 3/4 x 24" alum. bar
1 piece 18" copper tube
1 pr. 1" d. wheels
1 pr. brake hubs (G. Franklin. 101 Jarrom. St., Leicester)
Main spar 1/8" balsa 1 off
Main spar support 1/8" ply 1 off
Rear spar 1/8" ply 1 off
Main spar
Main spar support
Rear spar
To avoid the necessity for an extension shaft, a single engine may be mounted in the extreme nose sidewinder fashion. This will require the engine bearers to be repositioned
A suggested alternative single engine installation. An extension shaft will be needed
Gear 1:1 7/8" D
Front bearing pack with grease "on assy"
22 ss. roller bearings
Locknut
1/2 BSF nut
2 BA
OS35
Linked throttle
OS15
Pack with 3/4 HMP grease
16g. alum cover with ·005" ss shim
Ball bearings 3/4 od 1/4" id
Gear II 1/4" id
Starting cord OS15 36" long with wire hook at one end. Place hook in one of holes in pulley, rotate engine twice extract hook engine ready for starting.
Engine support plate 16g. alum. bolt to bearer
CL of OS15 offset 3/8" (vertical) to main shaft CL
Down elevator
Pivot
Mounted on F3 C
Mounted on UC door
To brake drum
Pivot
B
Pivot
To stbd. brake drum
Diagram of port braking system
F10
F15 2off
F12
3/32" fin outline
W11 4off
W9
W9A
W8
W8A
W7
W7A
W6
W6A
W5
W4
W3A
W3
W2
W1
W3 1/8" ply
W1 - W9A 1/8" balsa
2 off each
F2
F3
F4
F5
F6
F7
F8
F9
F13
F14
Bellcrank C actuates B only on full down elevator
Connect to A
Bellcrank C 1/16" ply
Front
F3 1/8" ply
F2 - F15 1/8" balsa
Acetate moulding
Air outlet
30g. aerial
Tensioner
16g. pushrod
2-1/16" ply hinges to hold fin to rudder
Cover with 1/16" sht.
Block balsa
F11
F12
Detachable cowl
1/4" fairing (port & stbd)
6 BA bolt
1/16" ply mounts radar panel
Hinges from wire & ply
Acetate domed
Crew door p&s. 2 seats
No. 2 firing bellcrank
No. 1 b'crank spring return
1/4" sq. beech mts.
Copper tube
2 copper fillers join to tank with neoprene tube
Instrument panel
Rear of KK 2" supersonic spinner
1 1/2" KK spinner modify
F1 Alum. bolt to bearers
Engine bearers 1/2" x 3/8"
Throttle rod
Engine bearers 5/16" sq.
Fuel feeds
1/4" sq. mount 2 off bevel joint towards F15
1/8" ply mount 2 off
Forge flat and bend
3/32" silver steel arrestor hook
4 blade 8 x 6 (OS 35)
4 blades 8 x 4 OS15
Main UC door 2 off 20g. alum.
Thenose constructed around the engine comprises alum. formers bolted (8 BA) together
1/2" x 1/8" planking
2-16g. alum. formers p&s
Door reinforced with 1/8" ply
1/16" sht floor
30 cc T/R tank
Position of UC doors
Toil ballast
16 g. keel
Combined vents
Alum door bolt to keel
1/8" silver steel UC supports 2 off
Fully extended
20g. alum. doors bolt to keel (8 BA)
Knuckle joint
Jet orifices P&S
Port orifice make (from 3/8" s.s. tube, flanged with 1/8" x 1/4" balsa sq. with asbestos between
Radome
This serves as OS 35 exhaust
Large Veron stunt tank (OS 35)
2" D. wheel
Brake hub
Brake drum lever
2-1" D. wheels
1/4" x 1/4"
1/8" planking
Make bumper from 2 laminations of 1/8" balsa with piece of alum sandwiched between
3/4" press stud to hold radome to fuselage
1/8" ply
Blind to mount
Radome from block balsa hollow as shown
Anti-spin fin 2 off 1/4" balsa
CL of fin
CL of fin
Tailplane 2 laminations 3/16" balsa sand to section
Linen hinges between laminations
18g
Main UC leg 2 off alum. bar
Tap 6BA
Tap 6BA for axle
Holes no. 44 drill
To be a close fit to obviate castoring. Make from alum.
File forks to shape
Shim to fix position
Compression spring
Nose UC leg 1 off alum bar
Throttle
Return spring
Pivot
To arrestor hook
20g. leadout
No. 1 control plate
Matt black
Plax
Jet orifice from block balsa and hollow out (stbd) Use as air outlet
Tap to suit engine
1 silver steel
3 s. steel
1/2 BSF
3 alum
2 s. steel
2 s.s.
4 Alum
6 BA
8 BA
File away
10 alum
FAIREY
MA GANNET
380 B. RANDLE
SPAN 40 LENGTH 30
C MODEL AIRCRAFT 1963
19-20 NOEL ST. LONDON W1