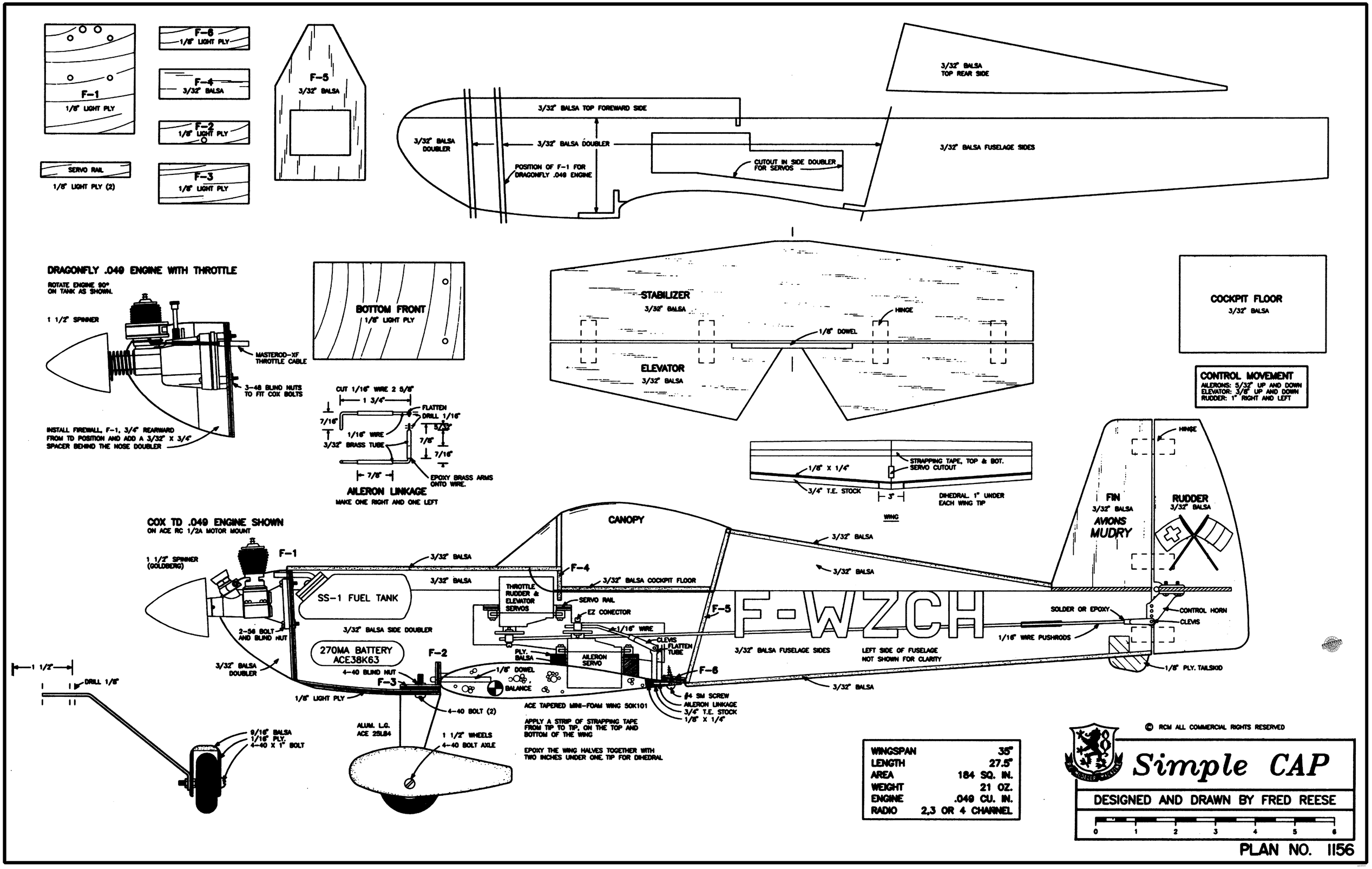
F-1
1/8" LIGHT PLY
F-6
1/8" LIGHT PLY
F-4
3/32" BALSA
F-2
1/8" LIGHT PLY
F-3
1/8" LIGHT PLY
SERVO RAIL
1/8" LIGHT PLY (2)
F-5
3/32" BALSA
3/32" BALSA TOP REAR SIDE
3/32" BALSA TOP FOREWARD SIDE
3/32" BALSA DOUBLER
3/32" BALSA DOUBLER
POSITION OF F-1 FOR DRAGONFLY .049 ENGINE
CUTOUT IN SIDE DOUBLER FOR SERVOS
3/32" BALSA FUSELAGE SIDES
DRAGONFLY .049 ENGINE WITH THROTTLE
ROTATE ENGINE 90° ON TANK AS SHOWN.
1 1/2" SPINNER
MASTEROD-XF THROTTLE CABLE
3-48 BLIND NUTS TO FIT COX BOLTS
INSTALL FIREWALL, F-1, 3/4" REARWARD FROM TD POSITION AND ADD A 3/32" X 3/4" SPACER BEHIND THE NOSE DOUBLER
BOTTOM FRONT
1/8" LIGHT PLY
CUT 1/16" WIRE 2 5/8"
1 3/4"
FLATTEN
DRILL 1/16"
7/16"
1/16" WIRE
3/32" BRASS TUBE
5/32"
7/8"
7/16"
7/8"
EPOXY BRASS ARMS ONTO WIRE.
AILERON LINKAGE
MAKE ONE RIGHT AND ONE LEFT
STABILIZER
3/32" BALSA
HINGE
1/8" DOWEL
ELEVATOR
3/32" BALSA
COCKPIT FLOOR
3/32" BALSA
CONTROL MOVEMENT
AILERONS: 5/32" UP AND DOWN
ELEVATOR: 3/8" UP AND DOWN
RUDDER: 1" RIGHT AND LEFT
1/8" X 1/4"
STRAPPING TAPE, TOP & BOT.
SERVO CUTOUT
3/4" T.E. STOCK
3"
DIHEDRAL. 1" UNDER EACH WING TIP
WING
HINGE
FIN
3/32" BALSA
RUDDER
3/32" BALSA
AVIONS MUDRY
COX TD .049 ENGINE SHOWN
ON ACE RC 1/2A MOTOR MOUNT
1 1/2" SPINNER (GOLDBERG)
F-1
3/32" BALSA
CANOPY
3/32" BALSA
3/32" BALSA
F-4
3/32" BALSA COCKPIT FLOOR
SS-1 FUEL TANK
THROTTLE RUDDER & ELEVATOR SERVOS
SERVO RAIL
EZ CONECTOR
F-5
F-WZCH
SOLDER OR EPOXY
CONTROL HORN
CLEVIS
2-56 BOLT AND BLIND NUT
3/32" BALSA SIDE DOUBLER
1/16" WIRE
CLEVIS
FLATTEN TUBE
1/16" WIRE PUSHRODS
270MA BATTERY
ACE38K63
F-2
PLY. BALSA
AILERON SERVO
3/32" BALSA FUSELAGE SIDES
LEFT SIDE OF FUSELAGE NOT SHOWN FOR CLARITY
1/8" PLY. TAILSKID
3/32" BALSA DOUBLER
4-40 BLIND NUT
F-3
1/8" DOWEL
BALANCE
F-6
1 1/2"
DRILL 1/8"
1/8" LIGHT PLY
4-40 BOLT (2)
#4 SM SCREW
AILERON LINKAGE
3/4" T.E. STOCK
1/8" X 1/4"
3/32" BALSA
ACE TAPERED MINI-FOAM WING 50K101
APPLY A STRIP OF STRAPPING TAPE FROM TIP TO TIP, ON THE TOP AND BOTTOM OF THE WING
EPOXY THE WING HALVES TOGETHER WITH TWO INCHES UNDER ONE TIP FOR DIHEDRAL
9/16" BALSA
1/16" PLY.
4-40 X 1" BOLT
ALUM. L.G. ACE 25LB4
1 1/2" WHEELS
4-40 BOLT AXLE
WINGSPAN 35"
LENGTH 27.5"
AREA 184 SQ. IN.
WEIGHT 21 OZ.
ENGINE .049 CU. IN.
RADIO 2,3 OR 4 CHANNEL
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Simple CAP
DESIGNED AND DRAWN BY FRED REESE
0 1 2 3 4 5 6
PLAN NO. 1156