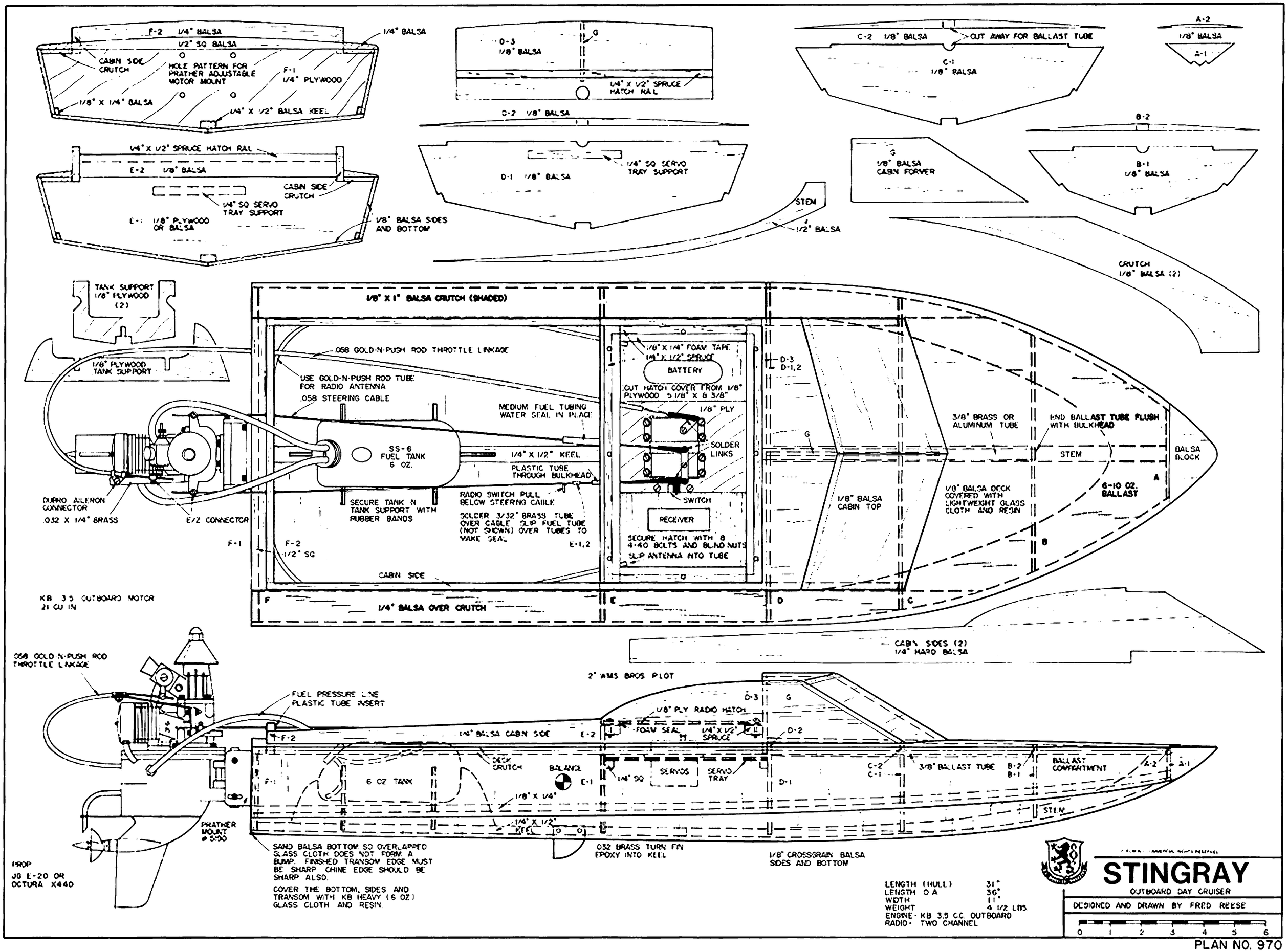
F-2 1/4" BALSA
1/2" SQ BALSA
1/4" BALSA
CABIN SIDE CRUTCH
HOLE PATTERN FOR PRATHER ADJUSTABLE MOTOR MOUNT
F-1 1/4" PLYWOOD
1/8" X 1/4" BALSA
1/4" X 1/2" BALSA KEEL
D-3 1/8" BALSA
1/4" X 1/2" SPRUCE HATCH RAIL
C-2 1/8" BALSA
CUT AWAY FOR BALLAST TUBE
C-1 1/8" BALSA
A-2
1/8" BALSA
A-1
1/4" X 1/2" SPRUCE HATCH RAIL
E-2 1/8" BALSA
CABIN SIDE CRUTCH
1/4" SQ SERVO TRAY SUPPORT
E-1 1/8" PLYWOOD OR BALSA
1/8" BALSA SIDES AND BOTTOM
D-2 1/8" BALSA
D-1 1/8" BALSA
1/4" SQ SERVO TRAY SUPPORT
STEM
1/2" BALSA
G
1/8" BALSA CABIN FORWER
B-2
B-1 1/8" BALSA
CRUTCH 1/8" BALSA (2)
TANK SUPPORT 1/8" PLYWOOD (2)
1/8" X 1" BALSA CRUTCH (SHADED)
.058 GOLD-N-PUSH ROD THROTTLE LINKAGE
1/8" PLYWOOD TANK SUPPORT
USE GOLD-N-PUSH ROD TUBE FOR RADIO ANTENNA
.058 STEERING CABLE
MEDIUM FUEL TUBING WATER SEAL IN PLACE
SS-6 FUEL TANK 6 OZ.
1/4" X 1/2" KEEL
PLASTIC TUBE THROUGH BULKHEAD
1/8" X 1/4" FOAM TAPE
1/4" X 1/2" SPRUCE
BATTERY
CUT HATCH COVER FROM 1/8" PLYWOOD 5 1/8" X 6 3/8"
1/8" PLY
SOLDER LINKS
SWITCH
RECEIVER
SECURE HATCH WITH 8 4-40 BOLTS AND BLIND NUTS
SLIP ANTENNA INTO TUBE
D-3
D-1,2
G
3/8" BRASS OR ALUMINUM TUBE
END BALLAST TUBE FLUSH WITH BULKHEAD
STEM
BALSA BLOCK
A
6-10 OZ. BALLAST
1/8" BALSA DECK COVERED WITH LIGHTWEIGHT GLASS CLOTH AND RESIN
B
DURNO AILERON CONNECTOR
.032 X 1/4" BRASS
E/Z CONNECTOR
SECURE TANK N TANK SUPPORT WITH RUBBER BANDS
RADIO SWITCH PULL BELOW STEERING CABLE
SOLDER 3/32" BRASS TUBE OVER CABLE SLIP FUEL TUBE (NOT SHOWN) OVER TUBES TO MAKE SEAL
E-1,2
1/8" BALSA CABIN TOP
F-1
F-2
1/2" SQ
CABIN SIDE
KB 3.5 OUTBOARD MOTOR 21 CU IN
F
1/4" BALSA OVER CRUTCH
E
D
C
CABIN SIDES (2) 1/4" HARD BALSA
.058 GOLD-N-PUSH ROD THROTTLE LINKAGE
2" WMS BROS PLOT
FUEL PRESSURE LINE PLASTIC TUBE INSERT
D-3
G
1/8" PLY RADIO HATCH
FOAM SEAL
1/4" X 1/2" SPRUCE
D-2
F-2
1/4" BALSA CABIN SIDE
E-2
DECK CRUTCH
BALANCE
E-1
1/4" SQ
SERVOS
SERVO TRAY
D-1
C-2
C-1
3/8" BALLAST TUBE
B-2
B-1
BALLAST COMPARTMENT
A-2
A-1
F-1
6 OZ TANK
1/8" X 1/4"
1/4" X 1/2" KEEL
STEM
PRATHER MOUNT
PROP
JO E-20 OR OCTURA X440
SAND BALSA BOTTOM SO OVERLAPPED GLASS CLOTH DOES NOT FORM A BUMP. FINISHED TRANSOM EDGE MUST BE SHARP CHINE EDGE SHOULD BE SHARP ALSO.
COVER THE BOTTOM, SIDES AND TRANSOM WITH KB HEAVY (6 OZ) GLASS CLOTH AND RESIN
.032 BRASS TURN FIN EPOXY INTO KEEL
1/8" CROSSGRAIN BALSA SIDES AND BOTTOM
LENGTH (HULL) 31"
LENGTH O A 36"
WIDTH 11"
WEIGHT 4 1/2 LBS
ENGINE - KB 3.5 CC OUTBOARD
RADIO - TWO CHANNEL
STINGRAY
OUTBOARD DAY CRUISER
DESIGNED AND DRAWN BY FRED REESE
0 1 2 3 4 5 6
PLAN NO. 970