1/8" SQUARE BALSA CAP STRIP AROUND TOP OF DINGEY

1/8" BRASS TUBE SHEET BRASS BENT TO BOTTOM SHAPE SLIP INTO HOLLOW

BRASS ROD 7/16" DIA.

DINGEY

MADE FROM 1/16" SHEET BALSA SIDE AND STERN 1/8" BALSA

CLOTH FLAG

1/8" DOWEL STAFF

3/8" BALL

PIN ON RAIL

1/2" BALL

1/8" PLYWOOD BOOM HEAD

3/16" BRASS SHEAVE BLOCKS (DOUBLE)

PIN ON RAIL

1/8" DOWEL BAR GLUED DOWN TO RAIL AT 7 SPACES WITH BLACK THREAD AT LEAST 3 TIMES AROUND BRACE

ALL BLACK LINES

BLACK

1/8" BLOCK SHEAVE

MAST 1/2" SQ. X 22-1/4" WHITE PINE

WHITE LINE

HEAVY WHITE LINE

WHITE

1/8" BLOCK SHEAVE 6 REQUIRED

NOTE:
SAILS SHOWN FULL SIZE.
CUT FROM COTTON CLOTH.
USE GREEN, SAILS ON ORIGINAL.
DOWEL WERE MADE FROM COLORED TOOTHPICKS DYED TOGETHER, SECTIONS SEARED FULL ON BRACES

BEAD EYE TIE OFF ON STAY

1/16" DOWEL

MAST ON STAYS AROUND BEAD EYE TIE LOOP SLIP DOWEL INTO LOOP TIE MAST ON TOP

1/8" SQUARE CAP RAIL

MAST START HERE

7/16" DOWEL BEAD EYE

1/8"X1" SPRUCE

SPRUCE BRACE

HULL OUTSIDE

PIN IN HULL

25 GAGE SOFT WIRE TWIST 3 STRANDS WRAP AROUND EYE AND TWIST

BEAD EYE DETAIL

CLOTH FLAG
PAINT ON DESIGNS

1/8" DOWEL STAFF

3/8" BALL

1/8" PLYWOOD SEE TYPICAL MAST HEAD DETAIL

3/8" BALL

TO PIN ON RAIL

MAST 1/2" SQUARE X 19-1/4" WHITE PINE

ALL BLACK LINES

BLACK LINE

WHITE LINE

BULWARK BASE LINE

HEAD EYES MADE FROM 7/16" DOWEL, 1/8" THICK DRILL 3 HOLES AS SHOWN WITH 1/16" DRILL, STRING WITH WHITE FISHING LINE

BOW RABBET, CARVE FROM HARD BALSA GREEN GUTTER RAIL, GOLD BACKGROUND, ORANGE SPOKES, PURPLE COVER

ANCHOR - 3 REQUIRED MADE FROM 3/16" DIA. BRASS THREE RIVE END SHAPE SOLDER TOGETHER

END OF ANCHORS

BOW WATER LINE

FRAME 1

3/16" KEEL HARD BALSA

1/8"X 3/16" PLANKING STRIP BY KEEL

CLOTH FLAG

1/8" DOWEL STAFF

1/8" BALL

1/8" PLYWOOD BOOM HEAD

3/8" BALL

1/8" BLOCK SHEAVE

ALL BLACK LINES

1/8" DOWEL BAR GLUED DOWN TO RAIL AT 7 SPACES WITH BLACK THREAD AT LEAST 3 TIMES AROUND BRACE

BLACK

1/8" BLOCK SHEAVE

MAST 1/2" SQ. X 22-1/4" WHITE PINE

HEAVY WHITE LINE

WHITE

WHITE LINE

1/8" BLOCK SHEAVE 6 REQUIRED

NOTE:
HATCHES AND CAPSTAN NOT SHOWN
SEE TOP VIEW

DRILL EYE MADE FROM 1/8" DOWEL 4 REQUIRED

RUDDER TILLER FROM SPRUCE POST 3/8" OR 1/2" SQ.

25 G. SOFT WIRE

3/8" X 1/2" SPRUCE CAP RAIL

1/8" SQ. SPRUCE STANCHIONS

3/8" SQ. SPRUCE

1/8" DOWEL BOTH SIDES

1/2"X1/8" SPRUCE

SCRAP BRACES

1/8"X 3/8" SPRUCE CROSS PIECE

WHITE LINE

ALL BITTS 3/8" SQ. SPRUCE

1/8" SQ. SPRUCE CAP STRIP

1/8" DOWEL

BULWARK BASE LINE

SPRUCE FILLER

SEE DETAIL FOR STERN POST VIEW

BULWARK BRACES SEE STERN VIEW

DINGEY BRACE

TILLER ARM

1/8" BRASS TUBE SHEET

STERN

STERN POST

DINGEY SEE DETAIL

FRAME 10

1/8" SQUARE

HATCH FRAME 1/8" SQUARE

1/8" SQUARE

1/8" SQUARE

HATCH FRAME 1/8" SQUARE

1/8"X 1/8" BRACE

1/8"X 1/8" BRACE

FRAME 9

FRAME 8

KEEL 3/8" PLYWOOD

FRAME 9

FRAME 8

FRAME 4

FRAME 3

FRAME 2

FRAME 1

DRAFT TO SHT ENGINE PROPELLER IF USED

FRAME 7

FRAME 6

RUDDER 1/4" MAHOGANY PLYWOOD

1/8" SQUARE STRIP BOTH SIDES GLUED

PROP TO SHAFT

RUDDER POST 3/16" BRASS TUBE SOLDER THIN TO HOLD RUDDER

3/8" SQ SPRUCE GLUED FOR RUDDER POST

CUT KEEL OUT

SAILING KEEL 1/16" BRASS SHEET 6" X 8"

SOLDER SOLTED TO KEEL

PLATE 1 OF 2

CHINESE JUNK

DESIGNED AND DRAWN BY	L. HERLOFF OF THE SHEET METAL	INKED BY	EDWARD FLORES

0 1 2 3 4 5 6

1/4" X 1/4"
STERN RAIL
DECKS FROM 1/8" BALSA SHEETING
1/4" SQUARE
DECK
1/4"X3/8" DECK STRIP

1/4" X 1/4"
1/4"X 1/4"
1/4" X 3/8"
REAR DECK CENTER RAIL ALL SPRUCE

1/4" HOLE
1/8" HOLE
3/8" HOLE
2-1/16" HOLE
BOW MAST TREE 1/8" PLYWOOD

3/8" HOLE
1/8" HOLE
1/4" HOLE
3-1/16" HOLE
MAIN MAST TREE 1/8" PLYWOOD

1/4" HOLE
1/8" HOLE
1/8" HOLE
3/8" HOLE
1/8" HOLE
STERN MAST TREE 1/8" PLYWOOD

STERN DECK COAMING 1/4"X3/8" TOP & 1/4"X1/4" BOTTOM
BLACK BACKGROUND WHITE BIRD
1/8" SQUARE (YELLOW)
1/4" X 1/16" BALSA
PURPLE BACKGROUND GOLD DESIGN
SIDE DECK BRACE
BINOY HANGER
STERN 1/4" BALSA
1/4" SQUARE BALSA

1/4" GRID
BOW 1/4" BALSA

3/32" DOWEL
CARVE FROM BALSA
BLOCK BOTTOM
CAPSTAN

BASE (BUILDING) LINE
0 1/2 0
1
2
3
4 5 6
TOP OF PLANKING
DECK LINE
NOTCH 1
NOTCH 2
GUNWALE LINE TOP OF PLANKING
DECK LINE
REEL NOTCH 3-4-5-6

1/2"X 1/4" BALSA CROSS BRACE BUILDING FRAME GLUE AND PIN TO BUILDING JIG ON MARKED FRAME LINES AND CENTER LINES
3/4"X 4" PINE BUILDING JIG
1/2" SQUARE TRIM AROUND HULL
1/2"X 1/4" BALSA DECK FRAME ON ALL FRAMES
TOP OF PLANKING MARK ON FRAME HULL CUT FROM JIG AT THIS POINT
DECK LINE MARK ON FRAME CUT OFF AT THIS LINE TO PLANKING COVER WITH DECK
1/8"X 3/8" PLANKING
1/4" SHEET BALSA
REEL 3/8" BALSA
FRAME 7 TYPICAL SECTION

LINE TIE OFFS
"A" MAIN SAIL RAISING LINE.
"B" MAIN SAIL TOPPING LIFT.
"C" REAR LINES MAIN SAIL.
"D" MAIN SAIL CENTER SAIL LINE.
"E" MAIN SAIL BOW LINE.
"F" BOW SAIL REAR LINES.
"G" ANCHOR LINES.
"H" BOW SAIL RAISING LINE.
"I" BOW SAIL BOW LINE.
"J" BINOY TIE LINES.

FILLER
BOW 1/4" BALSA
STERN WINDOWS
3/8"X 1/8" CAP RAIL
1/8" SQUARE AROUND TOP OF HULL PLANKING
SEASEVE PLATFORM
1/4" X 1/16" STRIP AROUND EDGE OF DECK IN ALL PLACES (YELLOW)
3/8" SQUARE
1/4" DOWEL ROLLER
3/8" SQUARE
3/8" SQUARE
3/8" SQUARE
OPTIONAL HATCH FOR ACCESS TO RUDDER ARM
REAR DECK CENTER RAIL (SEE DETAIL)
STEPS
"B"
"E"
HATCH FRAMING
1/2" X 1/2"
HATCH
1/4" X 1/2" MAST BRACING
CENTER HATCH
3/16"X 3/8"
1/2" X 1/2"
HATCH
HATCH FRAME
CAPSTAN AND ARMS
"A"
"E"
ROBBET
1/4" X 1/2" MAST BRACING
3/16" DOWEL WITH 1/8" SQUARE STRIPS
3/16" DOWEL ARCHER MOUNT ACROSS BOW
DECK SCORED 3/8" SPACES, AFTER DECK IS INSTALLED
"C"
TILLER ARM
1/8" SCRAP MAST BOX GLUED TO STERN
STERN CLEAT 1/8" SCRAP
"D"
CAPSTAN AND ARMS
"B"
"A"
STEPS
DELAYING PINS
3/8" SQUARE
3/8" SQUARE
SCRAP BRACING
3/8" SQUARE
1/4" DOWEL ROLLER
3/8" SQUARE
1/4" X 3/8" CROSSPIECES
1/8" X 3/8" BOTTOM
1/4" X 3/8"
DELAYING PINS
3/8"X 1/8"

PLATE 2 OF 2

CHINESE JUNK

DESIGNED AND DRAWN BY	L. HINSLOFF OF PRO CRAFT MODELS	INKED BY	GERARDO FLORES

0 1 2 3 4 5 6