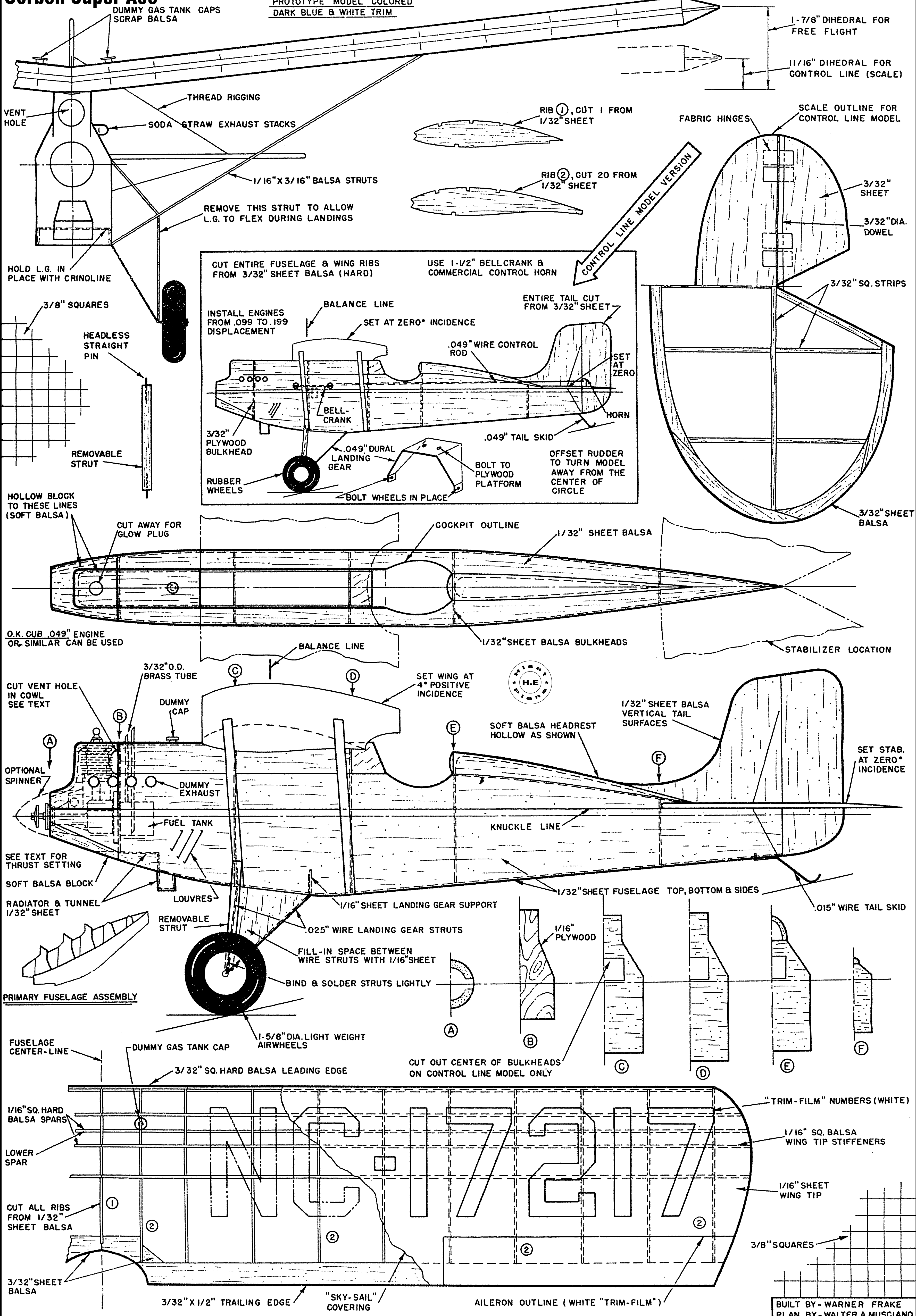


Corben Super Ace

PROTOTYPE MODEL COLORED
DARK BLUE & WHITE TRIM



DUMMY GAS TANK CAPS
SCRAP Balsa

1-7/8" DIHEDRAL FOR
FREE FLIGHT

11/16" DIHEDRAL FOR
CONTROL LINE (SCALE)

VENT HOLE

THREAD RIGGING

SODA STRAW EXHAUST STACKS

1/16" X 3/16" Balsa STRUTS

REMOVE THIS STRUT TO ALLOW
L.G. TO FLEX DURING LANDINGS

HOLD L.G. IN
PLACE WITH CRINOLINE

3/8" SQUARES

HEADLESS
STRAIGHT
PIN

REMOVABLE
STRUT

HOLLOW BLOCK
TO THESE LINES
(SOFT Balsa)

CUT AWAY FOR
GLOW PLUG

RIB ①, CUT 1 FROM
1/32" SHEET

RIB ②, CUT 20 FROM
1/32" SHEET

FABRIC HINGES

SCALE OUTLINE FOR
CONTROL LINE MODEL

3/32" SHEET

3/32" DIA.
DOWEL

3/32" SQ. STRIPS

3/32" SHEET
Balsa

CUT ENTIRE FUSELAGE & WING RIBS
FROM 3/32" SHEET Balsa (HARD)

USE 1-1/2" BELLCRANK &
COMMERCIAL CONTROL HORN

CONTROL LINE MODEL VERSION

INSTALL ENGINES
FROM .099 TO .199
DISPLACEMENT

BALANCE LINE

SET AT ZERO° INCIDENCE

ENTIRE TAIL CUT
FROM 3/32" SHEET

.049" WIRE CONTROL
ROD

SET
AT ZERO

BELL-
CRANK

HORN

3/32" PLYWOOD
BULKHEAD

.049" DURAL
LANDING
GEAR

BOLT TO
PLYWOOD
PLATFORM

.049" TAIL SKID

OFFSET RUDDER
TO TURN MODEL
AWAY FROM THE
CENTER OF
CIRCLE

RUBBER
WHEELS

BOLT WHEELS IN PLACE

O.K. CUB .049" ENGINE
OR SIMILAR CAN BE USED

BALANCE LINE

1/32" SHEET Balsa BULKHEADS

STABILIZER LOCATION

CUT VENT HOLE
IN COWL
SEE TEXT

3/32" O.D.
BRASS TUBE

DUMMY
CAP

SET WING AT
4° POSITIVE
INCIDENCE

SOFT Balsa HEADREST
HOLLOW AS SHOWN

1/32" SHEET Balsa
VERTICAL TAIL
SURFACES

SET STAB.
AT ZERO°
INCIDENCE

OPTIONAL
SPINNER

DUMMY
EXHAUST

FUEL TANK

KNUCKLE LINE

SEE TEXT FOR
THRUST SETTING

SOFT Balsa BLOCK

LOUVRES

1/16" SHEET LANDING GEAR SUPPORT

1/32" SHEET FUSELAGE TOP, BOTTOM & SIDES

.015" WIRE TAIL SKID

RADIATOR & TUNNEL
1/32" SHEET

REMOVABLE
STRUT

.025" WIRE LANDING GEAR STRUTS

FILL-IN SPACE BETWEEN
WIRE STRUTS WITH 1/16" SHEET

BIND & SOLDER STRUTS LIGHTLY

PRIMARY FUSELAGE ASSEMBLY

FUSELAGE
CENTER-LINE

DUMMY GAS TANK CAP

3/32" SQ. HARD Balsa LEADING EDGE

CUT OUT CENTER OF BULKHEADS
ON CONTROL LINE MODEL ONLY

1/16" SQ. HARD
Balsa SPARS

LOWER
SPAR

CUT ALL RIBS
FROM 1/32"
SHEET Balsa

3/32" SHEET
Balsa

3/32" X 1/2" TRAILING EDGE

"SKY-SAIL"
COVERING

AILERON OUTLINE (WHITE "TRIM-FILM")

"TRIM-FILM" NUMBERS (WHITE)

1/16" SQ. Balsa
WING TIP STIFFENERS

1/16" SHEET
WING TIP

3/8" SQUARES

BUILT BY - WARNER FRAKE
PLAN BY - WALTER A. MUSCIANO