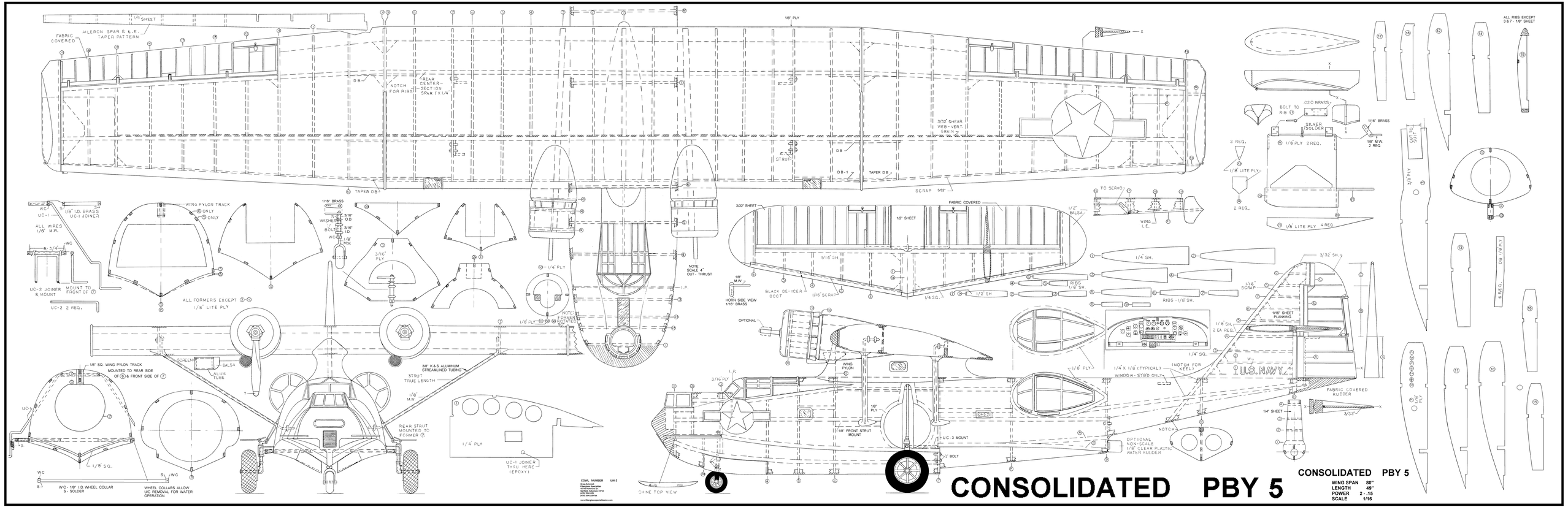
1/4 SHEET
AILERON SPAR & L.E. TAPER PATTERN
FABRIC COVERED
1/8" PLY
DB
NOTCH FOR RIBS
REAR CENTER-SECTION SPAR (X 1/4)
3/32" SHEAR WEB - VERT. GRAIN
STRUT
DB-1
TAPER DB
SCRAP 3/32"
TAPER DB
ALL RIBS EXCEPT 3 & 7 - 1/8" SHEET
.020 BRASS
BOLT TO RIB
SILVER SOLDER
1/16" BRASS
1/8" M.W. 2 REQ.
1/8" PLY 2 REQ.
2 REQ.
1/8" LITE PLY
2 REQ.
1/8" LITE PLY 4 REQ.
CUT 2 SLITS
3/8" PLY
DB - 1/8" PLY
6 REQ.
1/8" PLY
1/8" I.D. BRASS UC-1 JOINER
ALL WIRES 1/8" M.W.
UC-2 JOINER & MOUNT
MOUNT TO FRONT OF
UC-2 2 REQ.
WING PYLON TRACK
ONLY
ONLY
ALL FORMERS EXCEPT
1/8" LITE PLY
1/16" BRASS
WASHER
BOLT
1/8" DIA.
3/16" PLY
1/4" PLY
NOTE SCALE 4" OUT - THRUST
I.P.
NOTE FORMER ROTATED
1/8" PLY
3/32" SHEET
FABRIC COVERED
1/2" SHEET
1/16" SH.
1/16" SCRAP
1/4 SQ.
1/2" SH
1/2" BALSA
TO SERVO
WING L.E.
1/4 SH.
RIBS 1/8" SH.
RIBS - 1/8" SH.
1/16" SCRAP
3/32" SH.
1/16" SHEET PLANKING
1/8" M.W.
HORN SIDE VIEW 1/16" BRASS
BLACK DE-ICER BOOT
OPTIONAL
WING PYLON
1/8" PLY
1/4" SQ.
1/8" PLY
1/4 X 1/8 (TYPICAL)
WINDOW - STBD ONLY
(NOTCH FOR KEEL)
1/8" SH. 2 EA REQ.
U.S. NAVY
FABRIC COVERED RUDDER
1/4" SHEET
3/32"
NOTCH
OPTIONAL NON-SCALE 1/8" CLEAR PLASTIC WATER RUDDER
1/8" PLY
1/8" SQ. WING PYLON TRACK MOUNTED TO REAR SIDE OF ⑥ & FRONT SIDE OF ⑦
SCREEN
BALSA
ALUM TUBE
3/8" K & S ALUMINUM STREAMLINED TUBING
STRUT TRUE LENGTH
1/8" M.W.
REAR STRUT MOUNTED TO FORMER ⑦
1/4" PLY
UC-1 JOINER THRU HERE (EPOXY)
1/8" SQ.
WC - 1/8" I.D. WHEEL COLLAR
S - SOLDER
WHEEL COLLARS ALLOW UC REMOVAL FOR WATER OPERATION
3/16" PLY
1/8" PLY
1/8" FRONT STRUT MOUNT
UC-3 MOUNT
1/2" BOLT
CHINE TOP VIEW
COWL NUMBER U50-2
Doug Schmidt
Fiberglass Specialties
1000 Fairway Drive
Sedona, Arizona 86351
(928) 282-1000
(928) 204-0200 fax
www.fiberglassspecialties.com
CONSOLIDATED PBY 5
CONSOLIDATED PBY 5
WING SPAN 80"
LENGTH 49"
POWER 2 - 15
SCALE 1/16