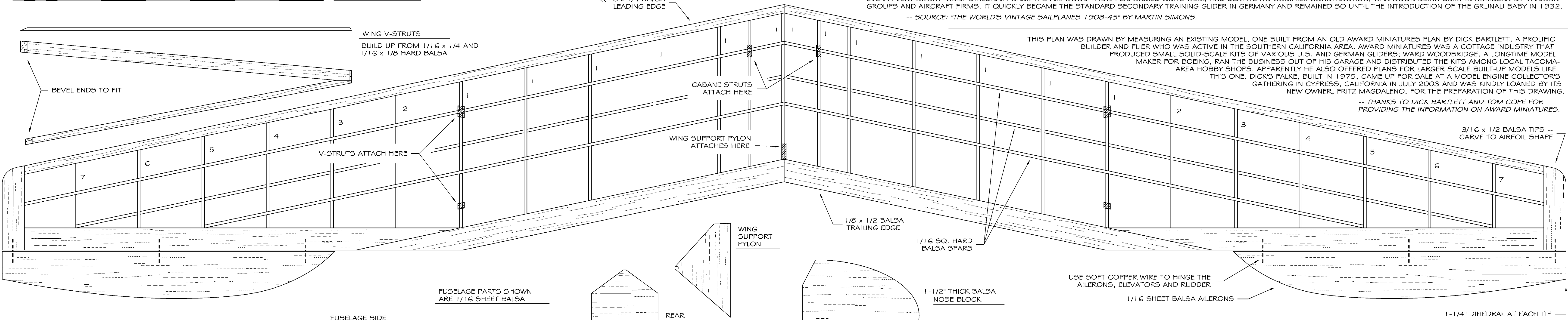




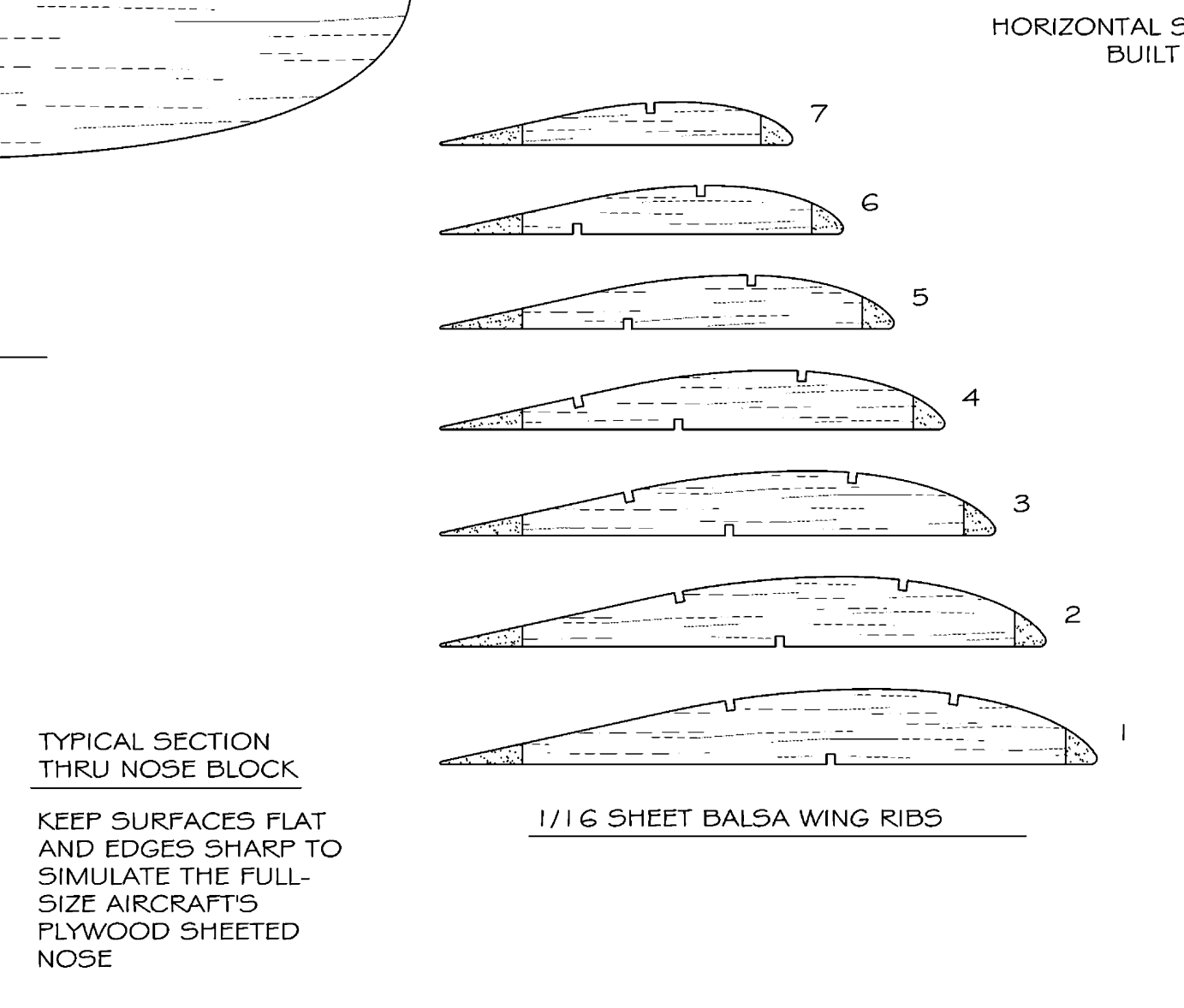
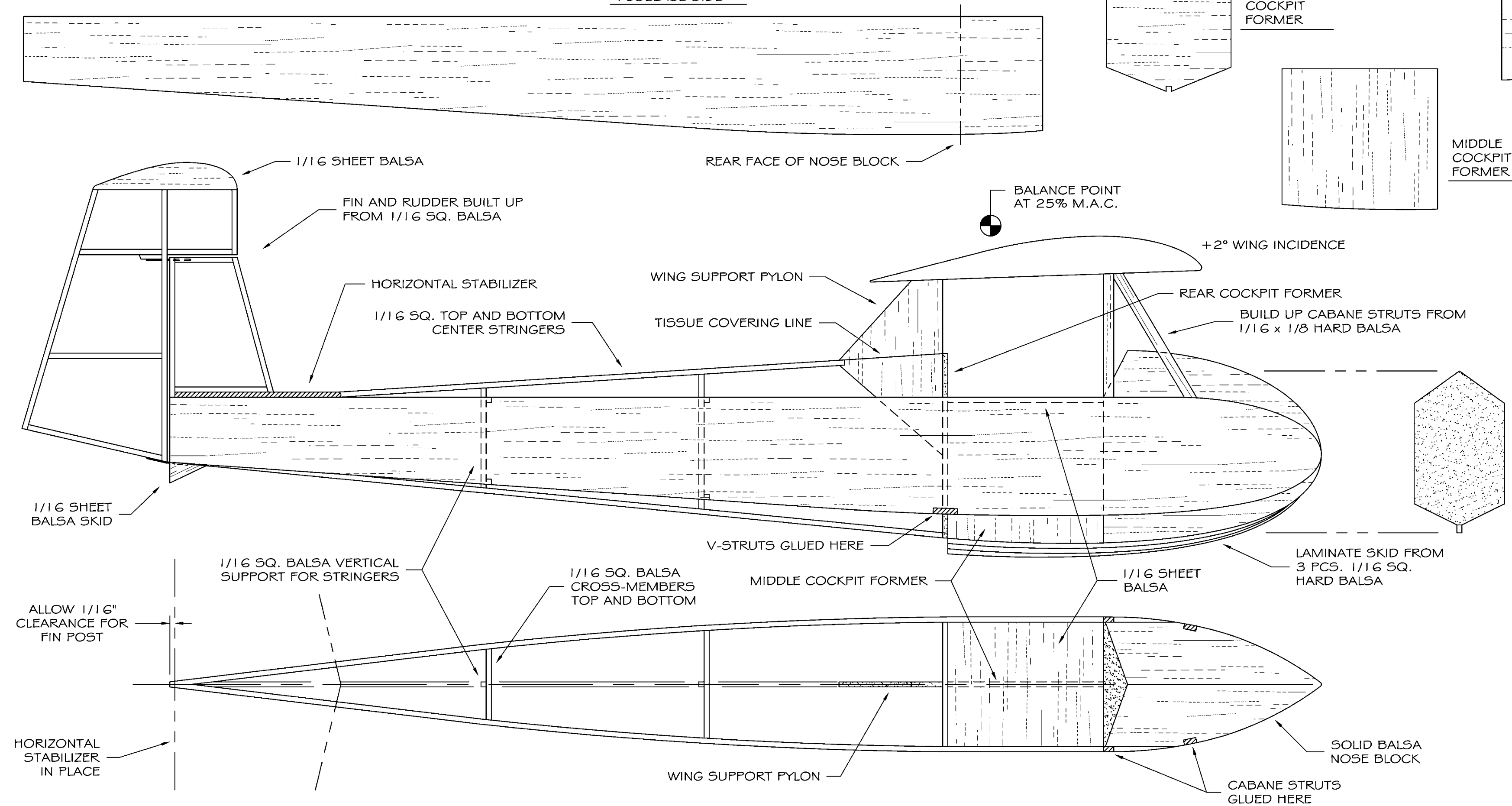
THE FULL-SIZE FALKE (FALCON) WAS CONCEIVED BY FAMED GERMAN AIRCRAFT DESIGNER ALEXANDER LIPPISCH TO ANSWER THE NEED FOR A STABLE, LIGHTWEIGHT ADVANCED TRAINING GLIDER. THE WING WAS VERY SIMILAR TO HIS EARLIER STORCH IV TAILLESS DESIGN, INCORPORATING SWEEP, GENEROUS WASHOUT, A TRANSITIONING REFLEXED AIRFOIL ON THE OUTER PANELS, AND EVEN A VERY SLIGHT "GULL" DIHEDRAL FORM. THE ALL-WOOD FALKE PERFORMED QUITE WELL, AND DESPITE ITS COMPLEX CONSTRUCTION, WAS SOON BEING BUILT IN NUMBERS BY VARIOUS GROUPS AND AIRCRAFT FIRMS. IT QUICKLY BECAME THE STANDARD SECONDARY TRAINING GLIDER IN GERMANY AND REMAINED SO UNTIL THE INTRODUCTION OF THE GRUNAU BABY IN 1932.

-- SOURCE: "THE WORLD'S VINTAGE SAILPLANES 1908-45" BY MARTIN SIMONS.



THIS PLAN WAS DRAWN BY MEASURING AN EXISTING MODEL, ONE BUILT FROM AN OLD AWARD MINIATURES PLAN BY DICK BARTLETT, A PROLIFIC BUILDER AND FLIER WHO WAS ACTIVE IN THE SOUTHERN CALIFORNIA AREA. AWARD MINIATURES WAS A COTTAGE INDUSTRY THAT PRODUCED SMALL SOLID-SCALE KITS OF VARIOUS U.S. AND GERMAN GLIDERS; WARD WOODBRIDGE, A LONGTIME MODEL MAKER FOR BOEING, RAN THE BUSINESS OUT OF HIS GARAGE AND DISTRIBUTED THE KITS AMONG LOCAL TACOMA-AREA HOBBY SHOPS. APPARENTLY HE ALSO OFFERED PLANS FOR LARGER SCALE BUILT-UP MODELS LIKE THIS ONE. DICK'S FALKE, BUILT IN 1975, CAME UP FOR SALE AT A MODEL ENGINE COLLECTOR'S GATHERING IN CYPRESS, CALIFORNIA IN JULY 2003 AND WAS KINDLY LOANED BY ITS NEW OWNER, FRITZ MAGDALENO, FOR THE PREPARATION OF THIS DRAWING.

-- THANKS TO DICK BARTLETT AND TOM COPE FOR PROVIDING THE INFORMATION ON AWARD MINIATURES.



FALKE

SECONDARY TRAINING GLIDER c. 1930

MODEL SPECS:
 SCALE -- APPROX. 7/8" = 1'
 WINGSPAN -- 35-1/4"
 OVERALL LENGTH -- 15-21/32"
 CAD DRAWING BY PHIL BERNHARDT
 AUGUST 2003

