



BOWLUS ENGINEERING COMPANY
 P. O. BOX 515 • PACIFICA, CALIFORNIA

M. C. 1 CARGO GLIDER

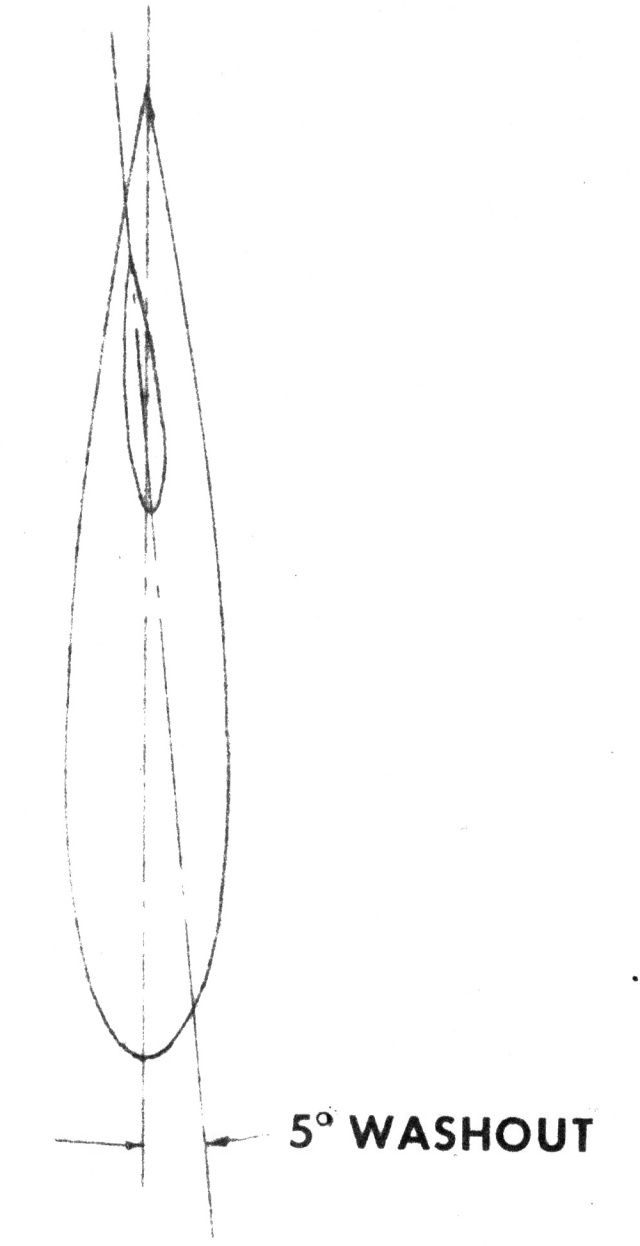
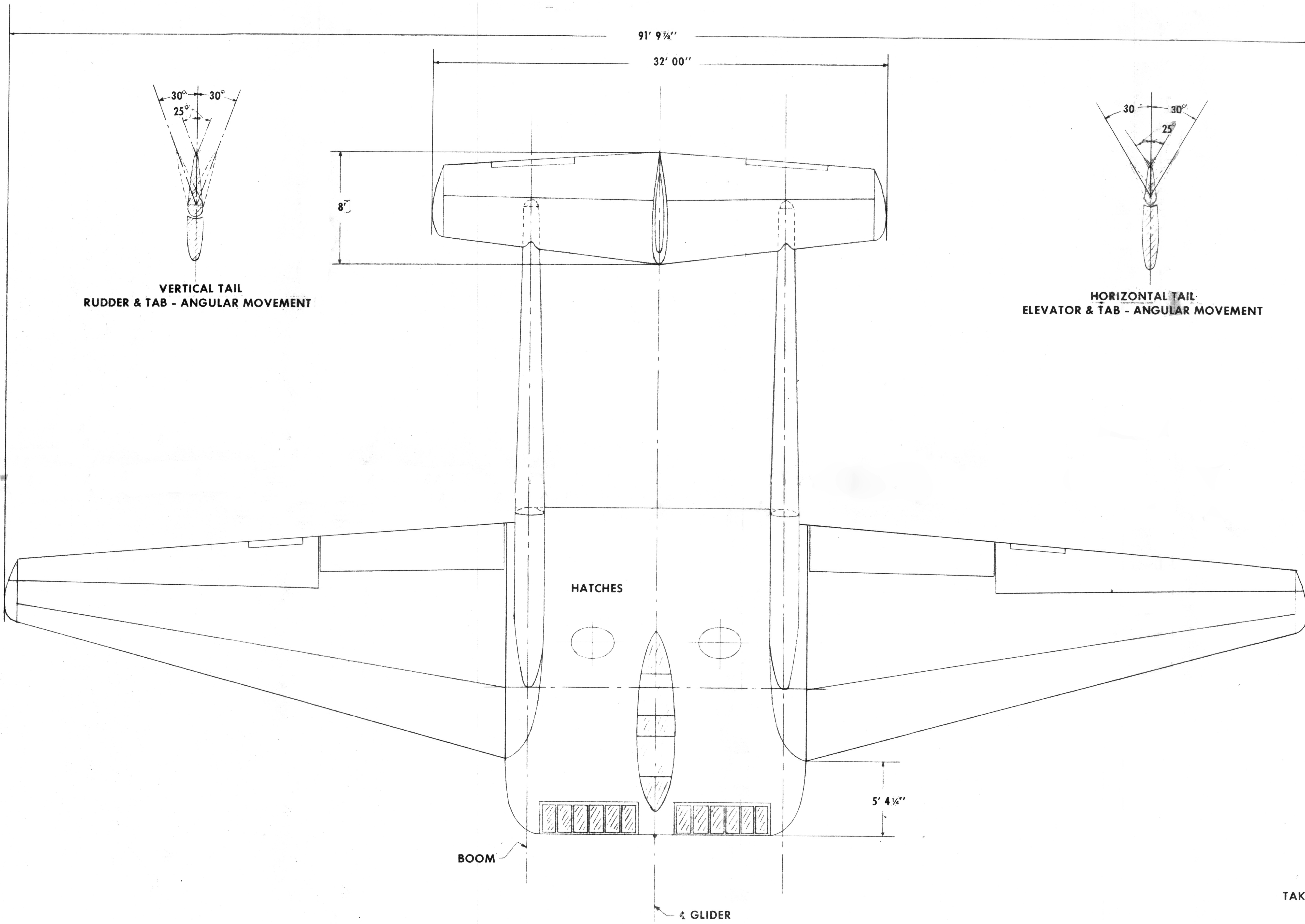
DESIGNED BY: HAWLEY BOWLUS
DRAWING BY JACK BOWLUS

SCALE: 1/40 SIZE & NOTED

SPECIFICATIONS

M.C. 111

WING AREA (EFFECTIVE)	1140 SQ. FT.
WING AREA (TOTAL)	1198 SQ. FT.
ASPECT RATIO	7:40
GROSS WEIGHT	19,580 LBS.
WINGLOAD	17.17 LBS SQ. FT.
AREA HORIZONTAL TAIL	208 SQ. FT.
AREA VERTICAL TAIL	59 SQ. FT.
AREAAILERONS (INCL. BALANCE)	107 SQ. FT.
AREA OUTER WING FLAPS	107 SQ. FT.
AREA CENTER SECTION FLAP	58 SQ. FT.
AREA ELEVATOR (INCL. BALANCE)	87 SQ. FT.
AREA RUDDER (INCL. BALANCE)	33.4 SQ. FT.



WING PROFILE
TAKEN AT ROOT & THEORETICAL TIP