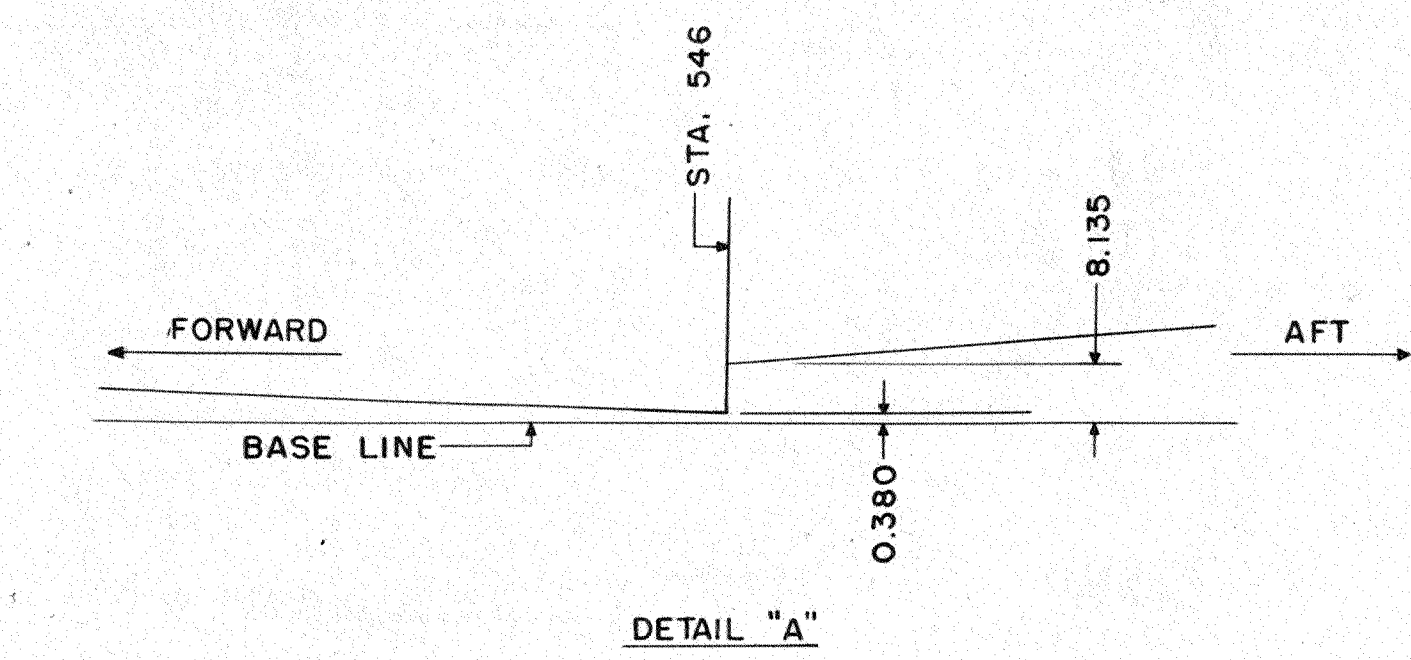
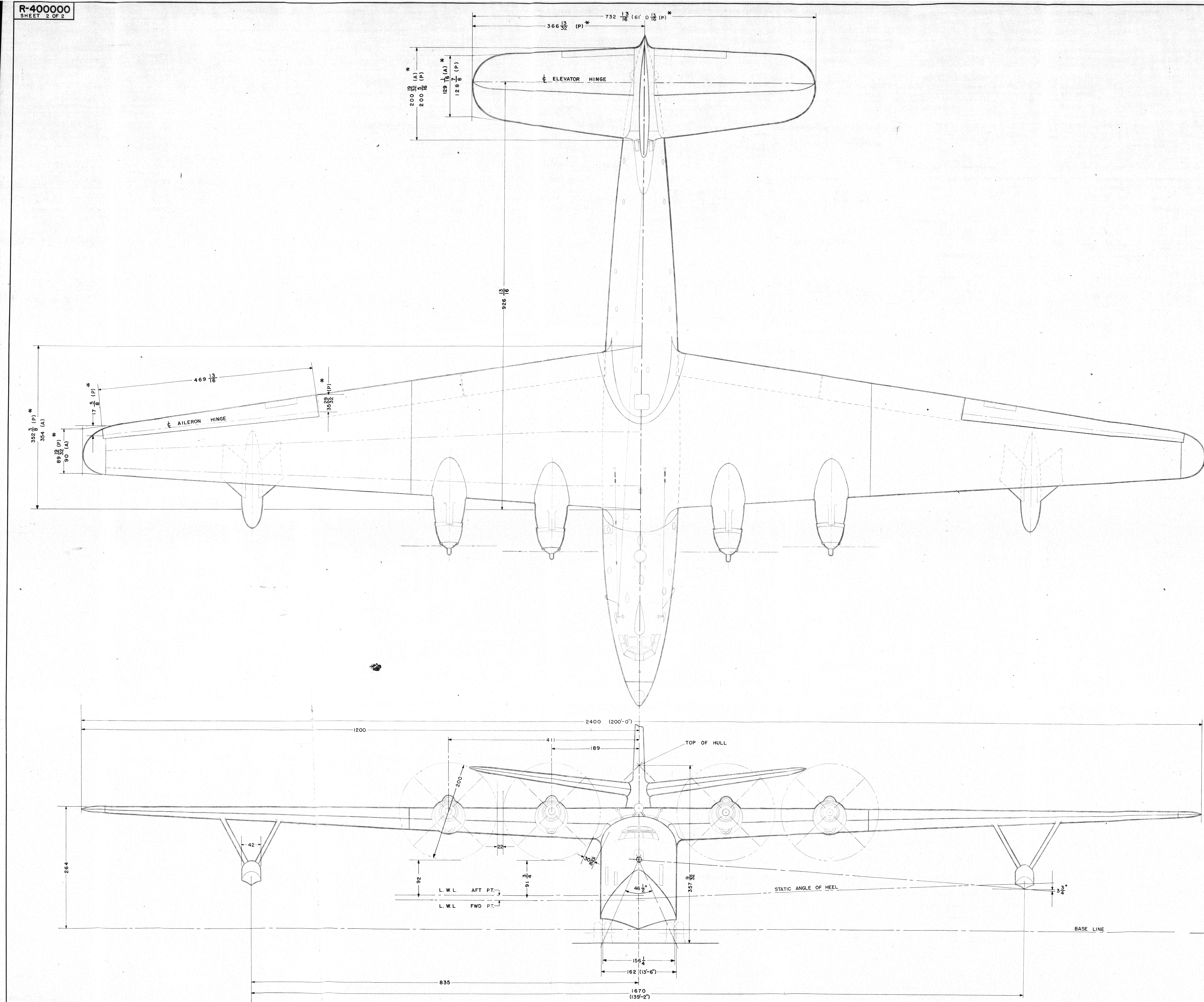
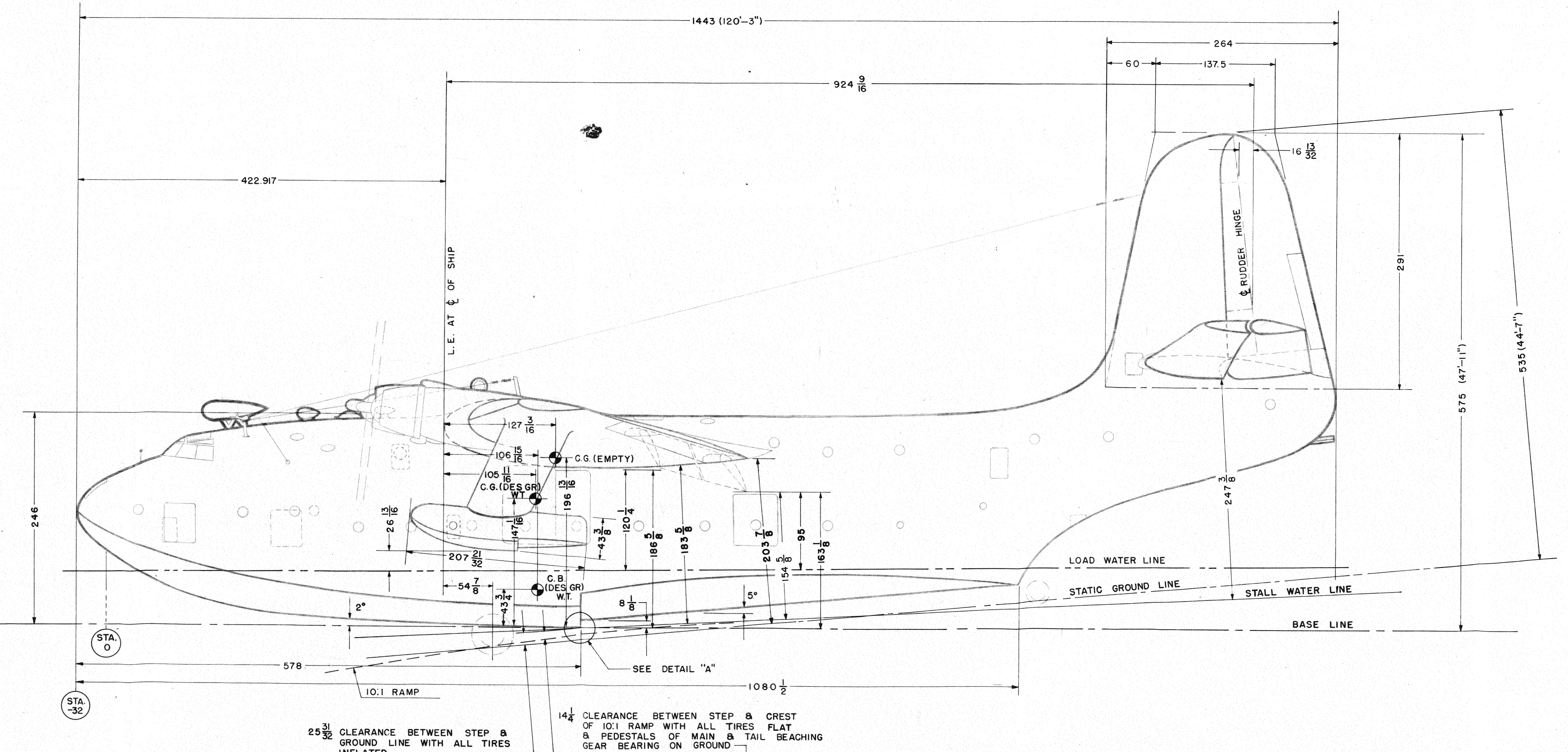




MAXIMUM HEIGHT OF PLANE ON BEACHING GEAR		535
DHNEDED- WING- TOP SURFACE		0°
SWEEPBACK- WING LEADING EDGE		3° 41' 3" P
INCIDENCE OF WING		5° 30' I
M. A. C. (NAVY METHOD)		242.5' I
DISTANCE FROM L.E. OF WING AT ROOT TO M.A.C.		32.84 IN
DISTANCE FROM L.E. OF PLANE TO M.A.C. (NAVY METHOD)		491.83 IN
NORMAL INCIDENCE OF STABILIZER		3°
ADJUSTMENT OF STABILIZER FROM NORMAL		FIXED
GROSS DISPLACEMENT OF HULL		1,074.500 *
GROSS DISPLACEMENT OF WING TIP FLOATS (EACH)		786.9
TOTAL WING AREA		368.6
AILERON AREA (2) AFT OF HINGE LINE		172.78
FLAP AREA (2) TOTAL		444.78
AILERON COMBINED TRIM & BALANCE TAB (2) TOTAL		7.34
HORIZONTAL TAIL AREA		822.4
STABILIZER AREA (TO HINGE LINE)		544.8
ELEVATOR AREA (2) INCLUDING TABS (AFT OF HINGE LINE)		277.6
ELEVATOR COMBINED TRIM & BALANCE TAB		28.6
VERTICAL TAIL AREA		393.6
FIN AREA (1) TO HINGE LINE		289.9
RUDDER AREA INCLUDING TAB (AFT OF HINGE LINE)		103.7
RUDDER COMBINED TRIM & BALANCE TAB AREA (1)		9.5
AIRLON MOVEMENT OF CONTROL SURFACES:-		
AILERON MOVEMENT		+25° TO -15°
TAB MOVEMENT		+20° TO -20°
FLAP MOVEMENT		-55°
ELEVATOR MOVEMENT		+25° TO -15°
TAB MOVEMENT		+15° TO -20°
RUDDER MOVEMENT		+25° TO -25°
TAB MOVEMENT		+20° TO -20°
DESIGNATION OF AIRFOIL SECTIONS :-		
WING AT ROOT		NACA 23020
WING AT THEORETICAL TIP		NACA 23012
HORIZONTAL TAIL AT ROOT FWD. OF ELEVATOR HINGE		NACA 0016-B3
HORIZONTAL TAIL AT TIP FWD. OF ELEVATOR HINGE		NACA 0008-B3
VERTICAL TAIL		NACA 0009-B3
MAXIMUM DRAFT		66" @ FIRST STEP (STA.546) 0° 41' TRIM DOWN AT STERN
MAXIMUM DRAFT WITH BEACHING GEAR ATTACHED		9' - 0"
MINIMUM DRAFT FOR ATTACHMENT OF BEACHING GEAR		8' - 2"
ANGLE OF LIST TO SUBMERGE AUXILIARY FLOAT		5 1/4°
BEACHING GEAR FRONT TIRES		51" SMOOTH CONTOUR 14 PLY O. D. 53 1/2"
BEACHING GEAR FRONT WHEELS		51"
BEACHING GEAR REAR TIRES		30" SMOOTH CONTOUR
ANGLE OF THRUST LINE TO BASE LINE		O. D. 31 1/8"
ANGLE BETWEEN PERPENDICULAR AND LINE PASSING THRU AXLE OF BEACHING		5 1/2"
GEAR & C.G. OF PLANE (100,000 LBS) DESIGN WEIGHT		11 1/4"
ANGLE BETWEEN THRUST LINE & HORIZONTAL WHEN PLANE IS ON BEACHING GEAR		10° 30'

* (A) ACTUAL DIMENSION
(P) PROJECTED DIMENSION

[illegible]