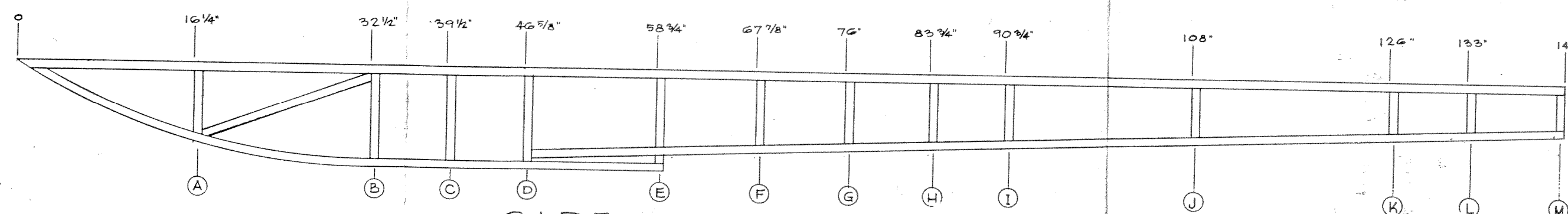
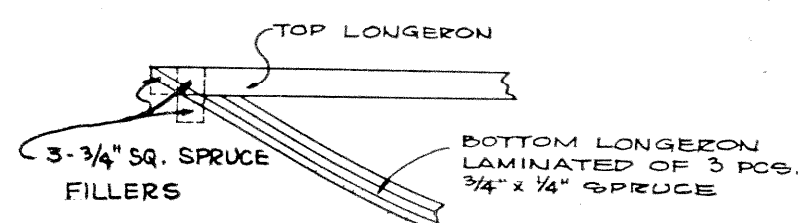


TOP VIEW

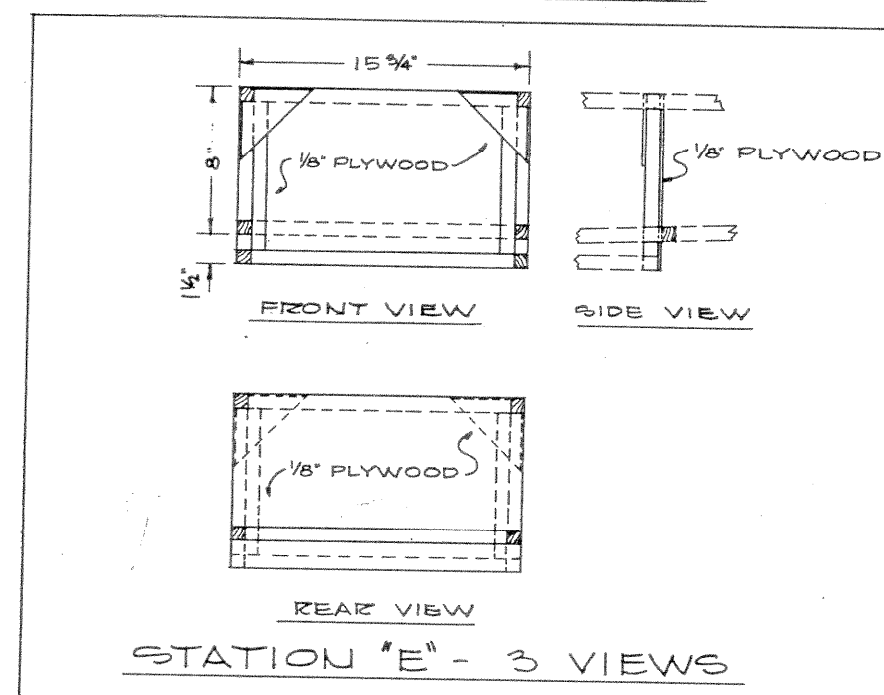


SIDE VIEW

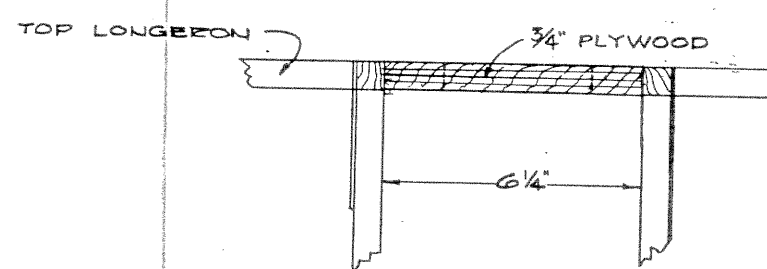
NOTE:
FRAME LOCATIONS ARE GIVEN IN
INCHES FROM ZERO POINT AT BOW.



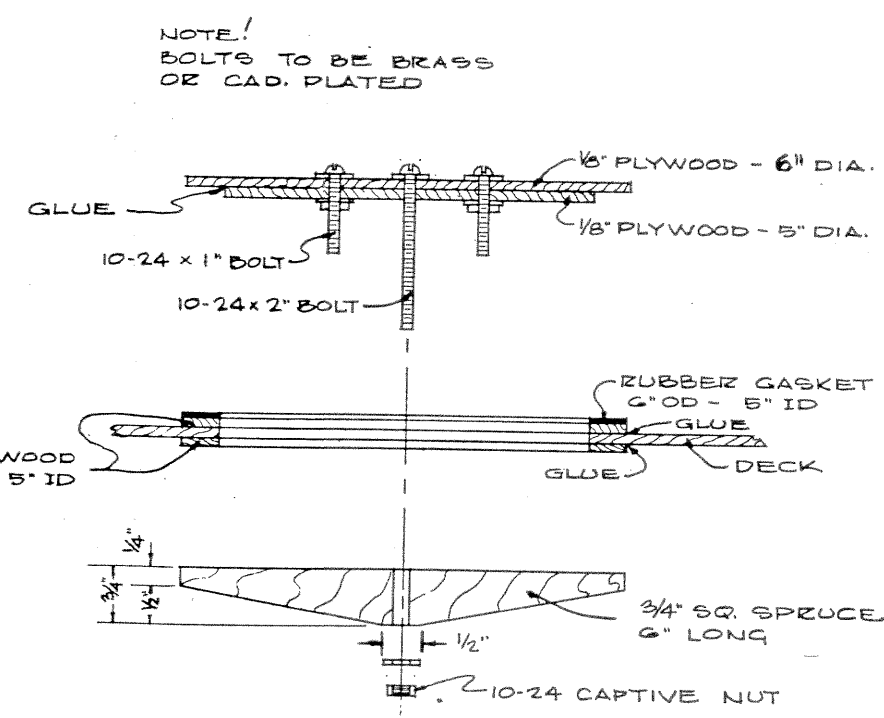
BOW DETAIL



STATION 'E' - 3 VIEWS

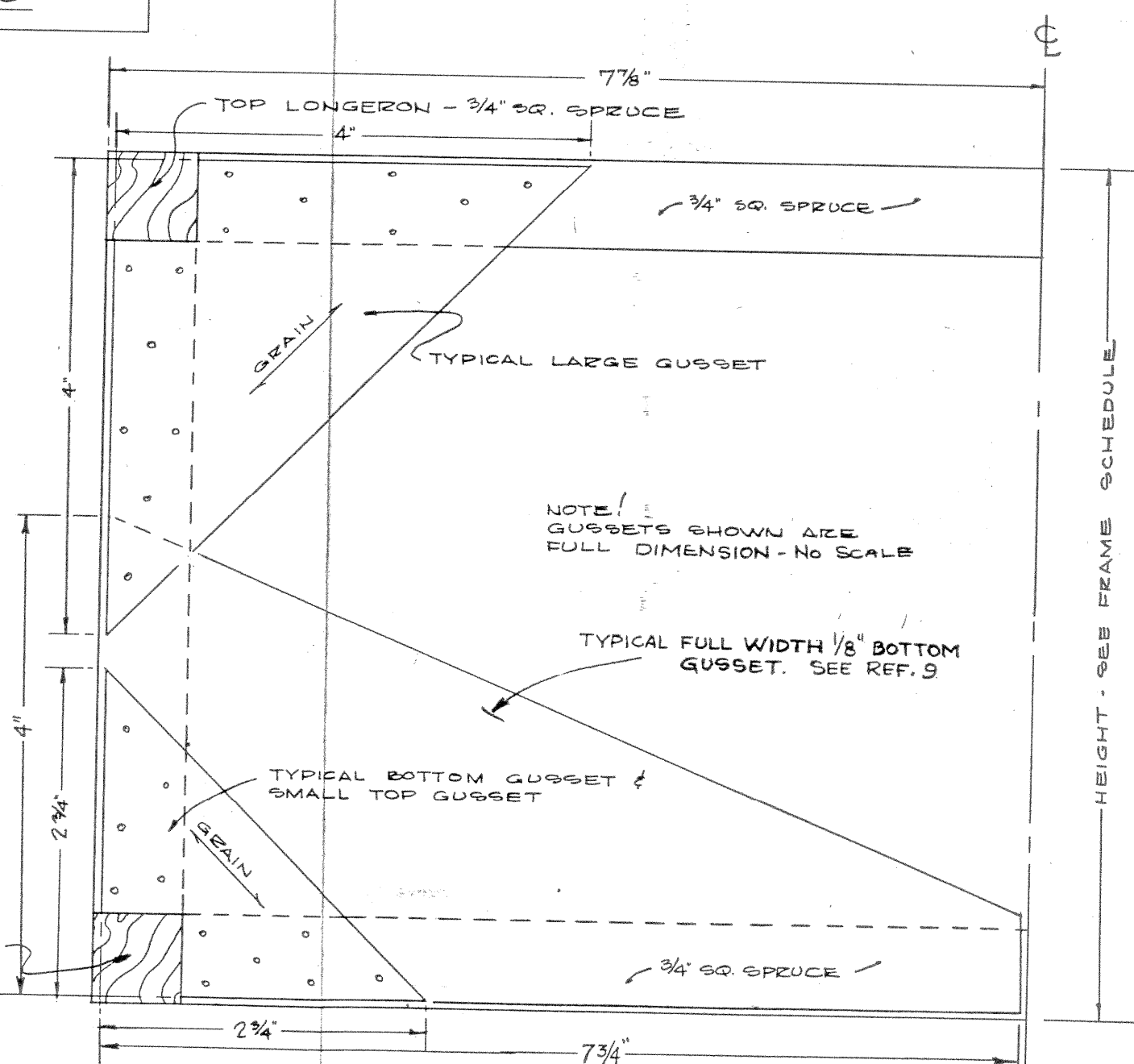


MOUNT PLATE DETAIL
SECTION 1-1



SECTION
HAND HOLE DETAIL

GENERAL NOTES:
1. THESE FLOATS ARE INTENDED FOR INSTALLATION
ON BENSON MODEL G-5 GYROGLIDER & BENSON
38M GYROCOPTERS.



TYPICAL FRAME DETAIL
(ONLY ONE-HALF OF FRAME SHOWN)

FRAME	HEIGHT	REFERENCE
A	7 7/8"	1, 9, 10
B	9 1/2"	6, 9, 10
C	9 1/2"	3, 7
D	9 1/2"	5, 7
E	9 1/2"	3, 6
F	7 1/4"	4, 5
G	7 1/4"	4, 5
H	7 1/8"	4, 8
I	6 7/8"	3, 7
J	6 1/4"	1
K	5 1/4"	4, 6
L	5 1/4"	4, 6
M	5"	2

- REFERENCES -

1. SMALL GUSSETS BOTH SIDES, TOP & BOTTOM
2. SMALL GUSSETS ONE SIDE, TOP & BOTTOM
3. SOLID BULKHEAD ONE SIDE
4. SMALL GUSSETS BOTH SIDES, BOTTOM
5. LARGE GUSSETS BOTH SIDES, TOP
6. SMALL GUSSETS ONE SIDE TOP
7. SMALL GUSSETS ONE SIDE, BOTTOM
8. LARGE GUSSETS ONE SIDE TOP
9. 1/8" FULL WIDTH, BOTTOM REAR GUSSETS.
10. SMALL GUSSET FRONT, BOTTOM

GENERAL CONSTRUCTION NOTES:

1. NAIL AND GLUE ALL WOOD AND PLYWOOD SURFACES IN CONTACT WITH EACH OTHER.
2. BOTH FLOATS TO HAVE 4 HAND HOLES IN TOP DECK AS SHOWN IN "TOP VIEW."
3. COVERING: ENTIRE BOTTOM OF BOTH FLOATS AND TOP DECK OF LEFT FLOAT BETWEEN C AND D TO BE 1/8" PLYWOOD. REMAINDER OF BOTH FLOATS TO BE 1/8" PLYWOOD.
4. MATERIALS: CLEAR OR SELECT NO. 1 SPRUCE; AVIATION, MARINE, OR EXTERIOR A-B PLYWOOD.
5. USE ONLY WATERPROOF GLUE.
6. ALL NAILS TO BE BRASS OR COPPER.
7. ALL GUSSETS AND BULKHEADS WITH THE EXCEPTION AS NOTED & STATION 'E' - 1/8" PLYWOOD.
8. GRAIN OF PLYWOOD IN BULKHEADS TO BE VERTICAL.

GYROCOPTER FLOAT
CONSTRUCTION SHEET
1

BENSON AIRCRAFT CORP.
P.O. BOX 2746
RALEIGH, NORTH CAROLINA

JULY 13 1963