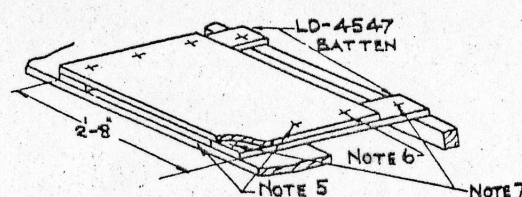
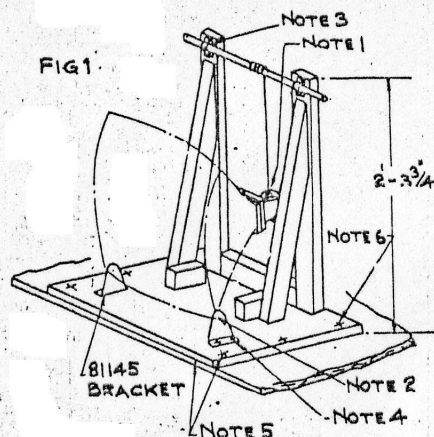


81031 HORN SUPPORT (HF)

FIG 2 FIXING ON 2085-A HORN
OTHERWISE AS FIG 1

NOTE:

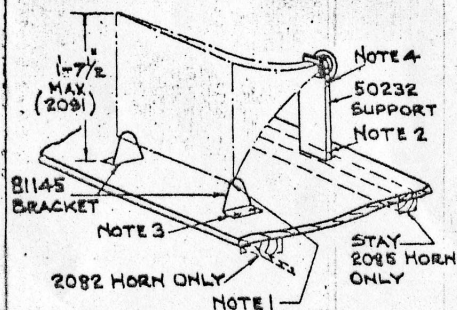
1. FIX WITH 9, 4 & 2.
2. FIX WITH 5, 4 & 2.
3. TO ADJUST TILT - ROTATE ROD/EASE OFF AND TIGHTEN CLAMPS AS NECESSARY.
4. POSITION SO THAT WITH EXPECTED ANGLE OF TILT THE STRAINER WIRE IS AS NEAR VERTICAL AS POSSIBLE. DRILL FOUR $\frac{5}{16}$ DIA HOLES IN BOARD AND FIX BRACKETS WITH 8, 4 & 6, INSERT BOLTS FROM UNDERSIDE AND DRAW HEADS FLUSH.
5. POSITION THE ASSEMBLY SO THAT THE MOUTH OF THE HF HORN IS AS CLOSE AS POSSIBLE TO SCREEN, EXCEPT THAT BASE BOARD SHOULD NOT OVERHANG THE FRONT FACE OF THE LF HORN. FIX WITH WOODSCREWS THROUGH FOUR OF THE HOLES PROVIDED.
6. OPEN OUT TWO HOLES AND DRILL ($\frac{5}{16}$) THROUGH TOP OF LF HORN. INSERT TWO BOLTS (3) FROM UNDERSIDE WITH WASHERS (4) AND NUTS (6) ON TOP.
7. POSITION THE LD-4547 BATTENS. DRILL FOUR $\frac{5}{16}$ DIA HOLES THROUGH BATTENS AND HORN AND FIX WITH 10 (FRONT) 13 (REAR), 11 & 12. INSERT FRONT BOLTS FROM TOP SIDE AND DRAW HEADS FLUSH.

APPROX MAX WEIGHT (WITH 2090LS & 2093 HORN): 90 LBS.
FOR ASSOCIATED HF HORN DETAILS SEE LSO-6763 OR LSO-8083

ITEMS INCLUDED WITH 81031 HORN SUPPORT			
ITEM	DRG. NO.	NAME	QTY
1	81145	BRACKET	2
2	10353	$\frac{1}{4}$ " WH HEX NUT	3
3	11043	$\frac{1}{4}$ " WH X $\frac{1}{2}$ " LG CARRIAGE BOLT	2
4	11180	$\frac{1}{4}$ " STD WASHER	9
5	11277	$\frac{1}{4}$ " WH X $\frac{1}{2}$ " LG HEX HD SCREW	2
6	11647	$\frac{1}{4}$ " WH SQ NUT	6
7	11694	N $\frac{10}{16}$ X $\frac{1}{2}$ " LG RD HD WOODSCREW	4
8	12275	$\frac{1}{4}$ " WH X $\frac{1}{2}$ " LG CARRIAGE BOLT	4
9	12316	$\frac{1}{4}$ " WH X $\frac{1}{2}$ " LG HEX HD SCREW	1
ITEMS FOR USE WITH LD-4547 BATTENS			
10	11043	$\frac{1}{4}$ " WH X $\frac{1}{2}$ " LG CARRIAGE BOLT	2
11	11180	$\frac{1}{4}$ " STD WASHER	4
12	11647	$\frac{1}{4}$ " WH SQ NUT	4
13	12409	$\frac{1}{4}$ " X $\frac{1}{2}$ " LG CARRIAGE BOLT	2

76207 HORN SUPPORT (HF)

FIG 3



NOTE:

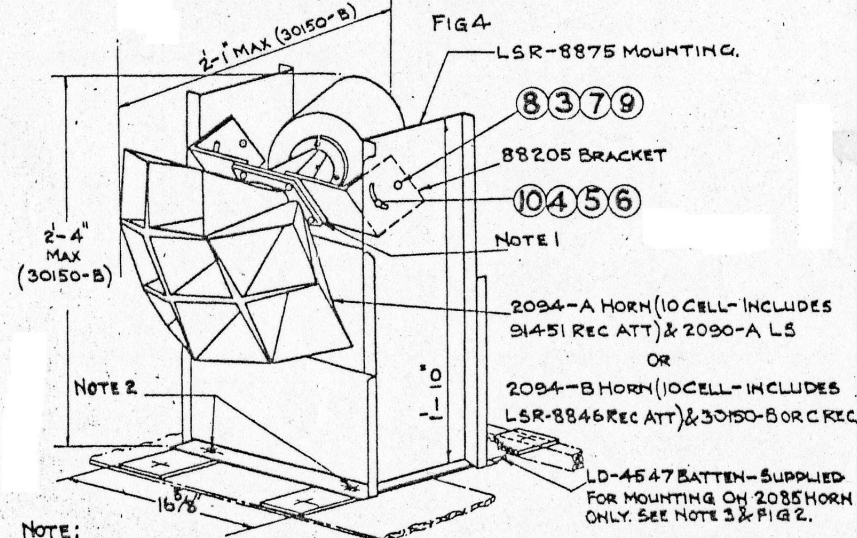
1. FIX WITH 6, 5 & 4.
2. FIX WITH 11.
3. POSITION SO THAT WITH EXPECTED ANGLE OF TILT THE MOUTH OF THE HF HORN IS AS CLOSE AS POSSIBLE TO THE SCREEN. DRILL FOUR $\frac{5}{16}$ DIA HOLES IN THE LF HORN AND FIX BRACKETS (3) WITH 9, 5 & 7. INSERT BOLTS FROM UNDERSIDE. FOR ACCESS - 2082 HORN (LF) - REMOVE UPPER REAR PANEL (10 SCREWS). IF BRACKETS ARE TOO FAR FORWARD TO PERMIT USE OF FRONT BOLTS DUE TO FOWLING THE INTERNAL BATTEN (SHOWN DOTTED) USE WOODSCREWS (8) IN FRONT HOLES ONLY.
4. CUT THE SUPPORT TO REQUIRED LENGTH. SHAPE TO SUIT THROAT OF HF HORN AND SECURE BY PASSING THE STRAP (1) OVER THE THROAT. FIX WITH WOODSCREWS (10).

APPROX MAX WEIGHT (30150-B REC & 2091 HORN): 55 LBS.
FOR ASSOCIATED HF HORN DETAILS SEE LSO-6763 OR LSO-8083

PARTS COMPRISING 76207 HORN SUPPORT			
ITEM	DRG. NO.	NAME	QTY
1	LD-4547	STRAP	1
2	50232	SUPPORT	1
3	81145	BRACKET	2
4	10353	$\frac{1}{4}$ " WH HEX NUT	2
5	11180	$\frac{1}{4}$ " STD WASHER	6
6	11277	$\frac{1}{4}$ " WH X $\frac{1}{2}$ " LG HEX HD SCREW	2
7	11647	$\frac{1}{4}$ " WH SQ NUT	4
8	11694	N $\frac{10}{16}$ X $\frac{1}{2}$ " LG RD HD WOODSCREW	2
9	12275	$\frac{1}{4}$ " WH X $\frac{1}{2}$ " LG CARRIAGE BOLT	4
10	12410	N $\frac{8}{16}$ X $\frac{3}{4}$ " LG RD HD WOODSCREW	4
11	12411	N $\frac{8}{16}$ X $\frac{3}{4}$ " LG C&K HD WOODSCREW	4

82073 HORN SUPPORT (HF)

(2094 HORN & 2090-A LS OR 30150 REC)



NOTE:

1. USE EXISTING BOLTS, NUTS & WASHERS IN HORN ASSY TO SECURE THE HORN TO THE BRACKETS. IMPORTANT: - THE JOINT BETWEEN THE CELL ASSY AND REC ATTACHMENT IS PINNED. THE JOINT SHOULD NOT BE BROKEN. ATTACHMENTS ARE NOT INTERCHANGEABLE.
 2. POSITION THE ASSEMBLY WITH THE MOUTH OF THE HF HORN AS CLOSE AS POSSIBLE TO THE SCREEN. MARK THE POSITIONS OF THE FIXING HOLES (TWO FRONT & TWO REAR) * AND DRILL $\frac{5}{16}$ DIA. INSERT BOLTS (13) FROM UNDERSIDE AND FIX WITH WASHERS (11) AND NUTS (12) ON TOP. (* SEE FOOTNOTE. DRILL REAR ONLY WHEN USING WOODSCREWS).
 3. AFTER POSITIONING, FIX BATTENS TO HORN SUPPORT (PER NOTE 2) DRAW FRONT BOLT HEADS FLUSH. FIX BATTENS TO HORN AS FIG 2.
- * TWO WOODSCREWS (ITEM 14) MAY BE SUBSTITUTED FOR BOLTS IN FRONT HOLES ONLY.
- APPROX MAX WEIGHT (WITH 2090LS & 2094-A HORN): 65 LBS.

PARTS COMPRISING 82073 HORN SUPPORT			
ITEM	DRG. NO.	NAME	QTY
1	LSR-8875	MOUNTING	1
2	82205	BRACKET	2
3	10018	$\frac{3}{8}$ " STD WASHER	2
4	10038	$\frac{1}{4}$ " STD WASHER	2
5	10060	$\frac{1}{4}$ " LOCK WASHER	2
6	10027	OBA HEX NUT	2
7	11313	$\frac{3}{8}$ " LOCK WASHER	2
8	11792	$\frac{3}{8}$ " WH X $\frac{3}{4}$ " LG HEX HD SCREW	2
9	12177	$\frac{3}{8}$ " WH HEX NUT	2
10	10025	OBA X $\frac{3}{4}$ " LG HEX HD SCREW	2
11	11180	$\frac{1}{4}$ " STD WASHER	4
12	11647	$\frac{1}{4}$ " WH SQ NUT	4
13	12275	$\frac{1}{4}$ " X $\frac{1}{2}$ " LG CARRIAGE BOLT	4
14	11435	N $\frac{12}{16}$ X $\frac{1}{2}$ " LG RD HD WOODSCREW (1 SPARE)	3

HORN SUPPORTS HF
LSO-8254 ISSUE 3

2085-A HORN (L.F.) & ASSOCIATED EQUIPMENT.

NOTE 3. REFER TO LSO-8254 FOR DETAILS AND MOUNTING OF:-

(a) 81031 AND 76207 HORN SUPPORTS.

(b) 2094 HORN AND ASSOCIATED 82073 HORN SUPPORT.

ITEM	DRG NO	NAME	QTY
1	12278	1/4" WH. x 2" LG. CARRIAGE BOLT	2
2	12425	1/4" WH. x 6" LG CARRIAGE BOLT	3
3	11647	1/4" SQUARE NUT	6
4	11180	1/6" STD. IRON WASHER	6
5	63911	1/4" SPECIAL WASHER	6
6	10260	1/4" STD. LOCKWASHER	6
ITEMS INCLUDED WITH 76208 HORN SUSPENSION A			
7	LD-4390	BRACKET	4
	LD-4391	PLATE	4
	LD-4392	ROD	4
SEE NOTE 2	11744	1/2" LOCKWASHER	4
	11835	1/2" WH. x 2 3/8" LG. HEX HD. SCREW	4
	12146	1/2" WH. NUT	12

NOTE 1. WHEN THE NETWORK IS LOCATED AT THE STAGE END IT IS TO BE PLACED INSIDE THE 2085-A HORN, POSITION AS CONVENIENT. DRILL A 3/4" DIA. HOLE AND MOUNT THE SWITCH (ATTACHED TO NETWORK WITH FLEXIBLE CABLE) BY MEANS OF TWO 1/2" NY 6 RD. HD. (OR NEAREST) WOOD SCREWS. THIS HOLE IS TO BE SO LOCATED AS TO PERMIT SCREWDRIWER OPERATION OF THE SWITCH. OUTLINE THE HOLE WITH WHITE PAINT.

NOTE 2. SUPPLIED ONLY WHEN ORDERED FOR SUSPENSION OF THE HORN ASSY. DRG. SHOWS ONE ONLY OF THE 4 SETS OF DETAILS.

LD-2141 BUSH
(BETWEEN L.S. & NUT)

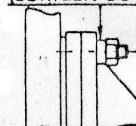
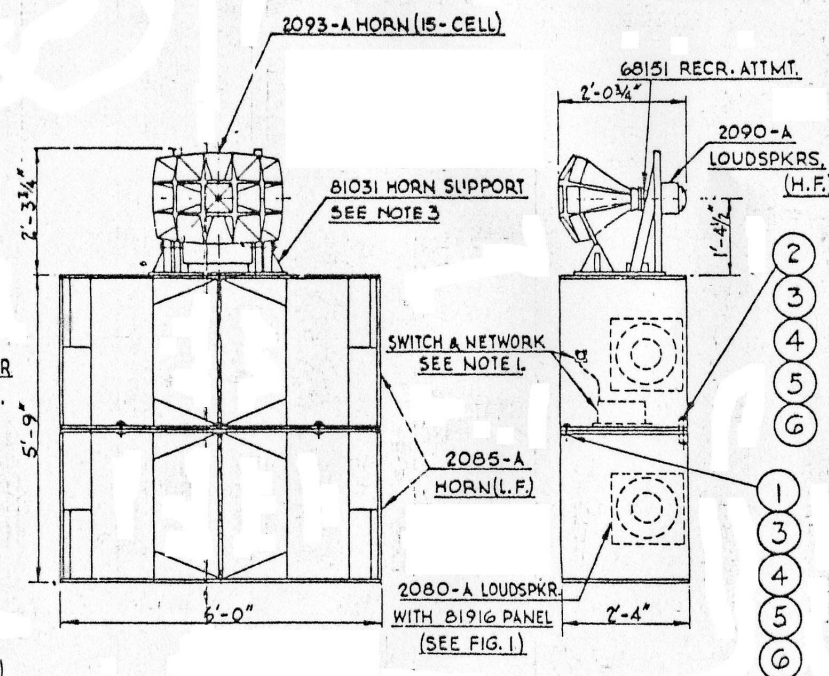
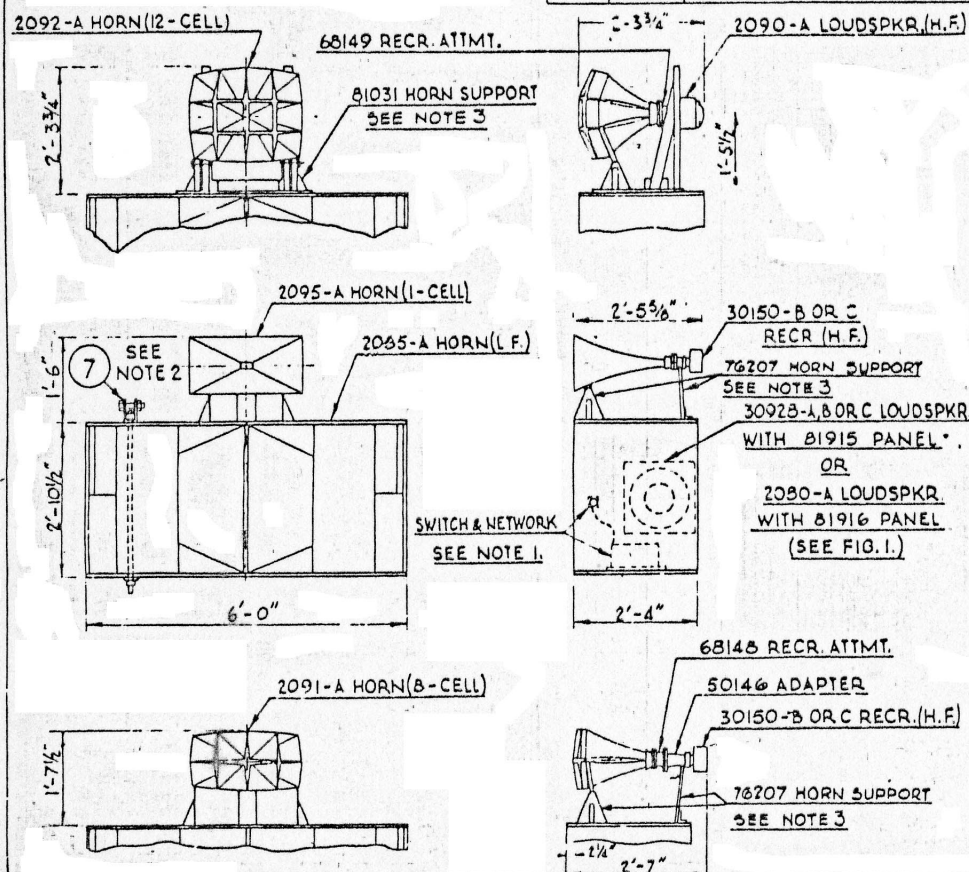


FIG. 1.
2080-A ONLY.



APPROX. WEIGHTS OF COMPLETE ASSY'S, AS SHOWN:

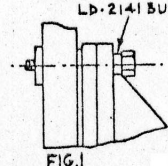
1 L.F. HORN 350 lbs.

2 L.F. HORNS 660 lbs.

LSO-8083 ISSUE 5

WITH 2084-C & D
WITH 2084-E

20B4-C HORN (2-2080-A L5) OR
20B4-D HORN (1-2080-A L5) OR
20B4-F HORN (2-3092B L5) SEE



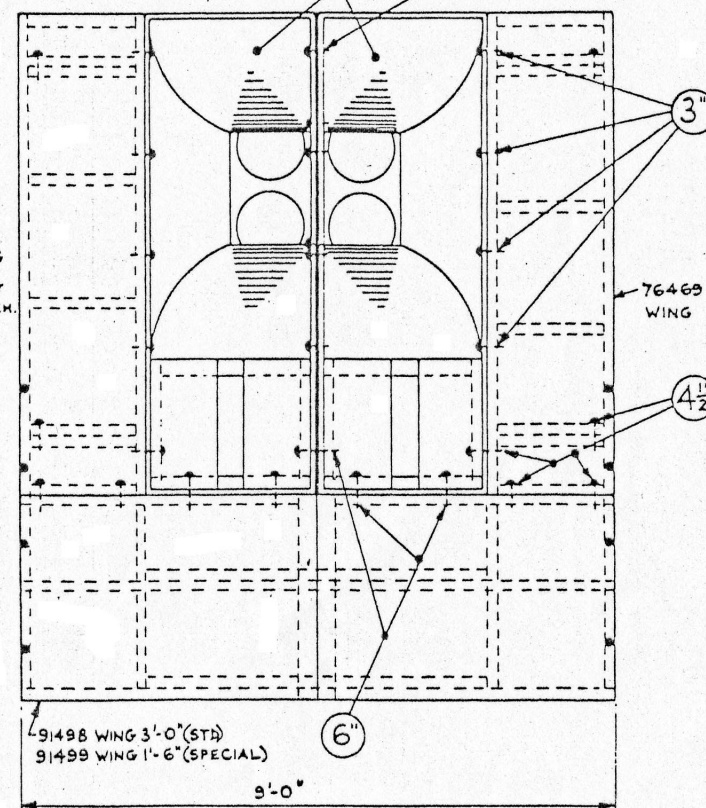
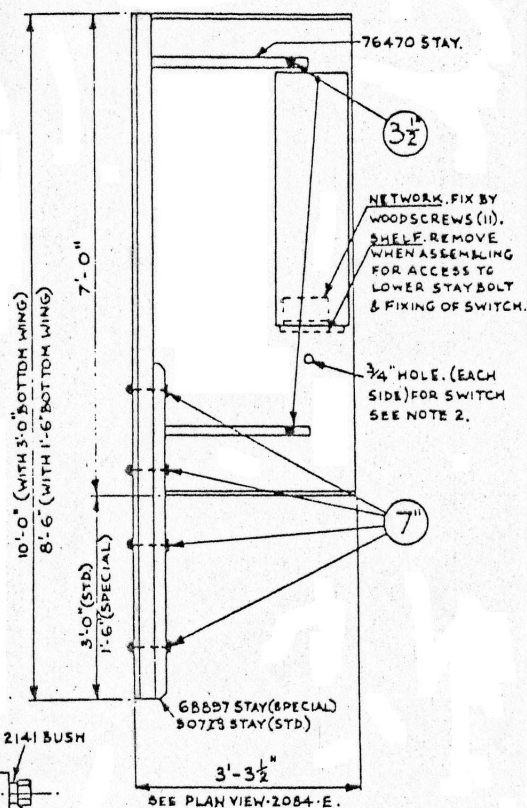
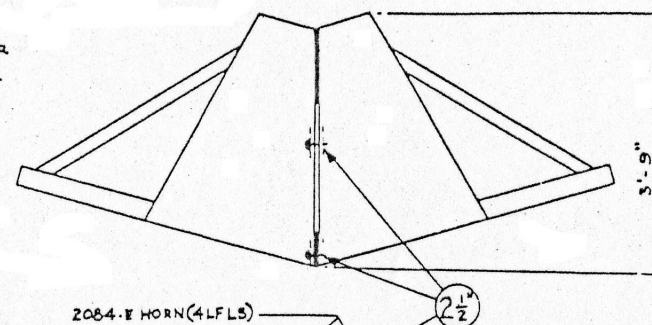
1 ONE SPARE BOLT OF EACH SIZE IS INCLUDED; ALSO SPARE NUTS AND WASHERS. PACK ANY BOLT WITH EXTRA WASHERS IF FOUND TOO LONG. FIT EACH BOLT WITH ITEMS 7, 8, 9 AND 10.

2. THE NON-EMG SWITCH (PART OF NETWORK) MAY BE MOUNTED ON EITHER SIDE OF HORN AS CONVENIENT FOR SCREWDRIVER OPERATION OF THE SWITCH THROUGH THE 3/4" HOLE PROVIDED. USE TWO 1/2" X NO. 6 (OR NEAREST) RD HD WOODSCREWS FOR FIXING. OUTLINE THE HOLE WITH WHITE PAINT. IF NETWORK IS EQUIPPED WITH ADDITIONAL HF SWITCHES DRILL EXTRA HOLES AND DESIGNATE "HF1" & "HF2"

3. FOR DETAILS OF ASSOCIATED HF HORNS AND SUPPORTS
REFER TO LSO-8254 & LSL-

4. WINGS ARE NOT SUPPLIED FOR THE 2084-F HORN. THE SIDES ARE REINFORCED WITH BATTENS MAKING THE OVERALL WIDTH 3'-0 1/2".

2084-C, D, E & F HORN (LF)



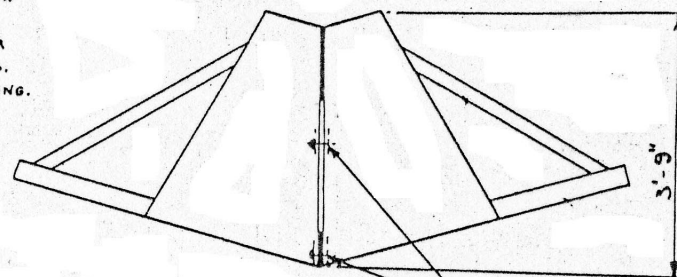
2084-C&D	540 LBS.
2084-E	900 LBS.
2084-F	340 LBS.

LSO-8755 ISSUE:5

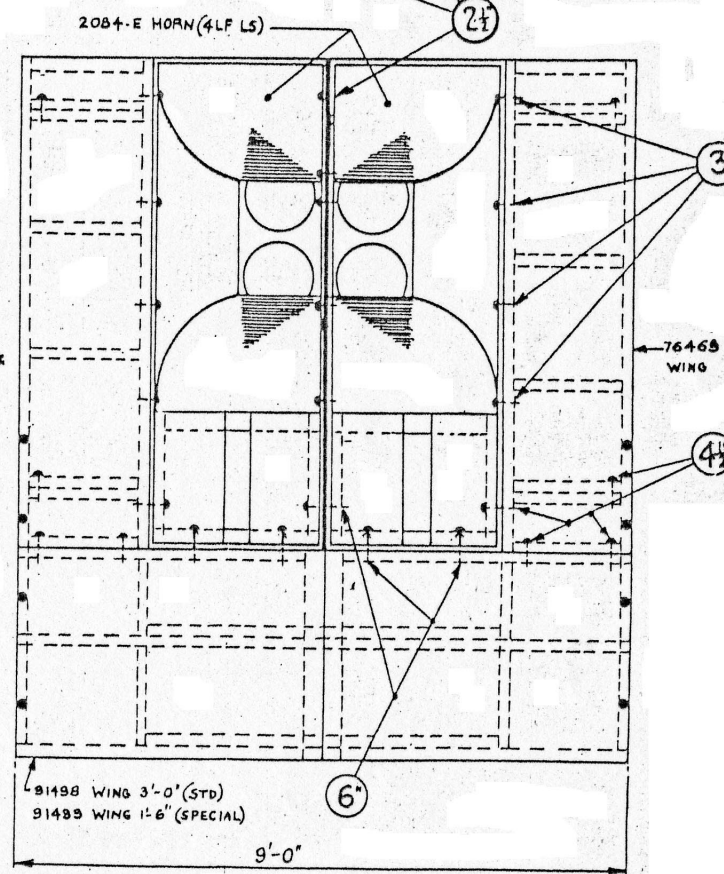
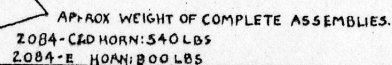
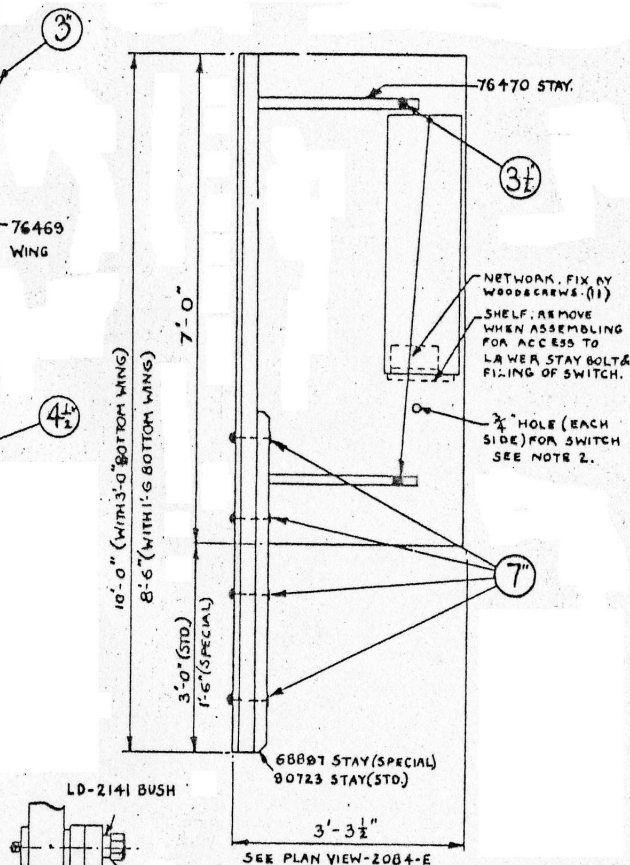
2084-C,D&E HORN (LF)

2084-C,D&E HORN (LF)

1. ONE SPARE BOLT OF EACH SIZE IS INCLUDED; ALSO SPARE NUTS AND WASHERS. PACK ANY BOLT WITH EXTRA WASHERS IF FOUND TOO LONG. FIT EACH BOLT WITH ITEMS 7, 8, 9 AND 10.
2. THE NOR-EMG SWITCH (PART OF NETWORK) MAY BE MOUNTED ON EITHER SIDE OF HORN AS CONVENIENT FOR SCREWDRIIVER OPERATION OF THE SWITCH THROUGH THE 3/4" HOLE PROVIDED. USE TWO 1/2" X N# 6 (OR NEAREST) RD HD WOODSCREWS. FOR FIXING. OUTLINE THE HOLE WITH WHITE PAINT. IF NETWORK IS EQUIPPED WITH ADDITIONAL HF SWITCHES DRILL EXTRA HOLES AND DESIGNATE "HF 1" & "HF 2".
3. FOR DETAILS OF ASSOCIATED HF HORNS AND SUPPORTS REFER TO L50-8254.

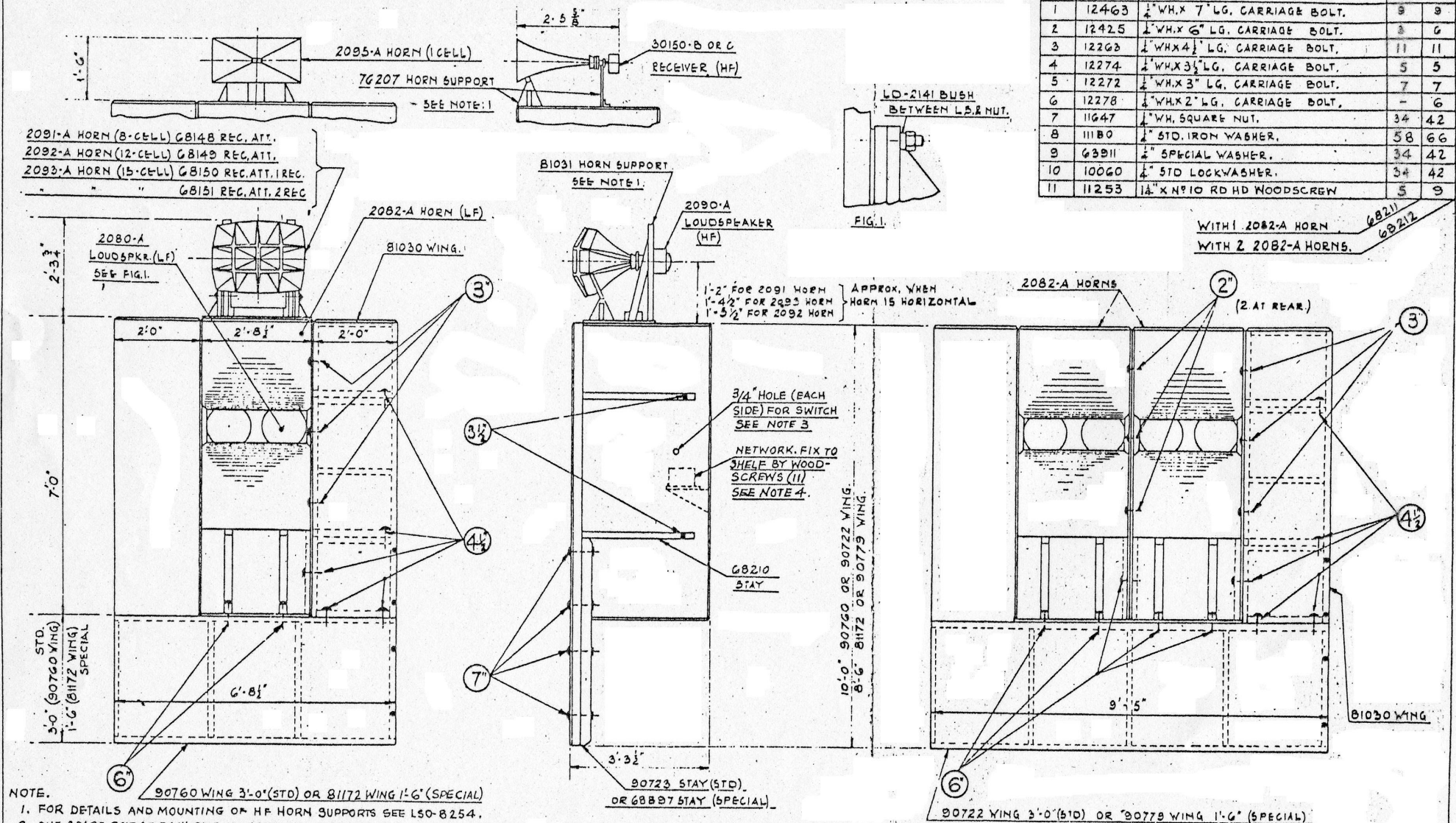


2084-C HORN (2LF LS)
2084-D HORN (1LF LS)



LSO-8755 ISSUE: 4

BAG OF BOLTS (SEE NOTE 2)			
ITEM	DRG NO.	NAME	QUANTITY
1	12463	1" WH.X 7" LG. CARRIAGE BOLT.	9 9
2	12425	1" WH.X 6" LG. CARRIAGE BOLT.	3 6
3	12263	1" WH.X 4 1/2" LG. CARRIAGE BOLT.	11 11
4	12274	1" WH.X 3 1/2" LG. CARRIAGE BOLT.	5 5
5	12272	1" WH.X 3" LG. CARRIAGE BOLT.	7 7
6	12278	1" WH.X 2" LG. CARRIAGE BOLT.	- 6
7	11647	1" WH. SQUARE NUT.	34 42
8	11180	1" STD. IRON WASHER.	58 66
9	63911	1" SPECIAL WASHER.	34 42
10	10060	1" STD LOCKWASHER.	34 42
11	11253	1A X N 10 RD HD WOODSCREW	5 9



APPROX WEIGHT OF COMPLETE ASSEMBLIES:-
1 LF HORN - 700 LBS
2 LF HORNS - 1050 LBS

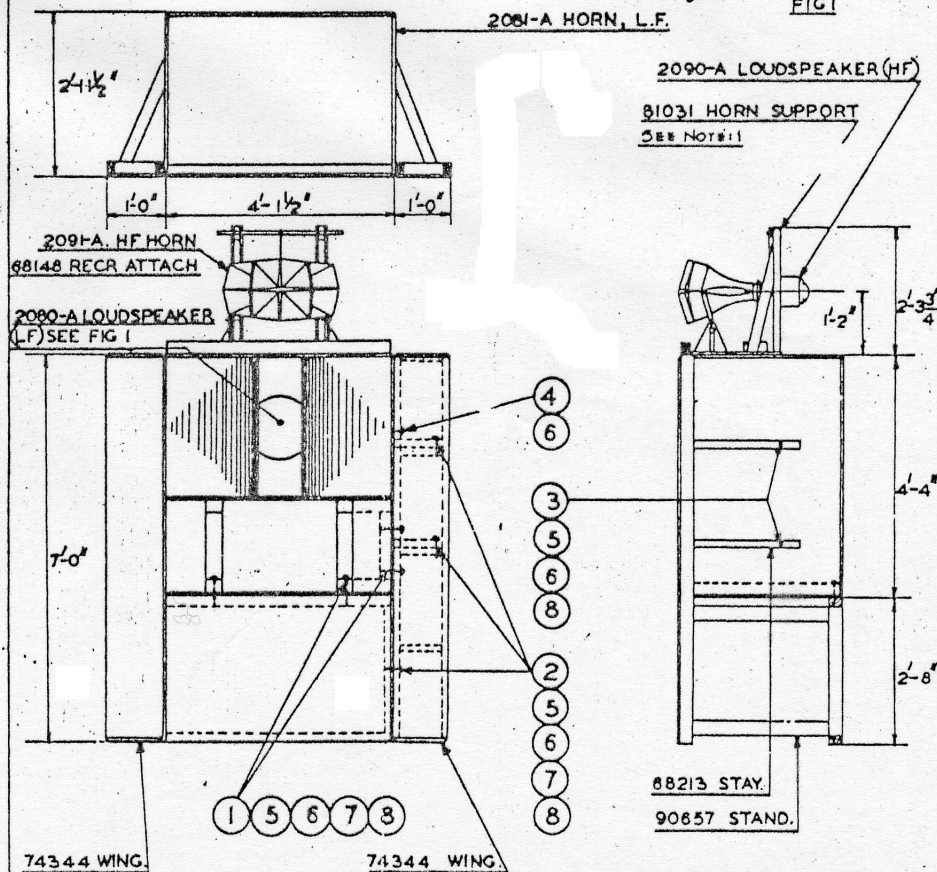
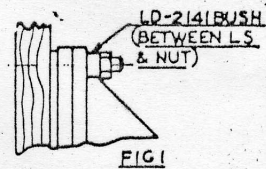
LSO-6763 ISSUE:6

2081-A HORN(LF) & ASSOCIATED EQUIPMENT.

68214 BAG OF BOLTS.			
ITEM NO.	DRG. NO.	NAME	QTY.
1	12279	1/4 WHX5 1/2 LG. CARRIAGE BOLT.	9
2	12273	1/4 WHX4 LG. CARRIAGE BOLT.	7
3	12272	1/4 WHX3 LG. CARRIAGE BOLT.	5
4	12280	1/2 DIA X 3 LG COACH SCREW	3
5	11647	1/4 WHIT. SQ. NUT.	20
6	11180	1/4 STD. IRON WASHER.	22
7	83911	1/4 SPECIAL WASHER.	16
8	10060	1/4 LOCKWASHER.	20

NOTE 1. FOR DETAILS & MOUNTING OF
81031 HORN SUPPORT SEE
LSO-8754

WEIGHT OF HF HORN, LS & SUPPORTS 81 lbs.
WEIGHT OF LF HORN, LS, WINGS & STAND 486 lbs.
TOTAL WEIGHT 567 lbs.



LSL-6762 : ISSUE. 3