Basic Construction Notes:

- 1. Enclosure inside dimensions compensate for the internal volume taken up by speaker components, internal bracing, and the vent. Slight variations due to the specific mid- and high-frequency components used do not affect performance.
- All corners and joints to be securely glued and nailed or screwed.
- 3. Three mutually adjacent inside surfaces (top, one side, and rear) to be lined with a 1- or 2-inch thickness of glass wool or similar acoustic absorptive material. Do not block vent opening.
- 4. Enclosure material to be 3/4" plywood or particle board.
- 5. Internal bracing to be 3/4" x 3/4" or 1" x 1" material.
- For more detailed commentary on construction, see "Electro-Voice Guide to Speaker Enclosure Construction" (Form 1788).

Speaker Installation and Application Notes:

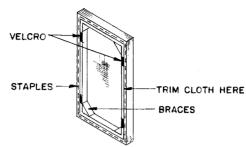
- Plans show permanently installed front and rear enclosure panels. Mid- and high-frequency components are mounted and wired through the woofer opening. The woofer is installed, last, on the front side of the front panel.
- 2. Machine screws (bolts) and nuts should be used for installation of speaker components. T-nuts are convenient, since they are easily affixed to the front panel before component installation.
- 3. The 8HD horn (part of BB4A) may be mounted from the front or rear of the front panel. Use # 10-24 or # 10-32 nuts and bolts.
- 4. The T35 tweeter (part of BB1) must be rear mounted. Use # 8-32 or #8-40 nuts and bolts.
- 5. After other system components and wiring are installed, the SP15A should be mounted from the front side of the front panel. Use the SMH-1 mounting hardware kit (all necessary nuts, bolts, and clamps are supplied).

Performance Specifications with SP15A:

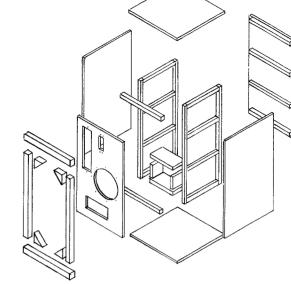
- 1. Low-Frequency 3-dB-Down Point: 44 Hz
- 2. SPL_{MF(max)}: 116 dB
- 3. SPL_{LF(max)}: 116 dB
- 4. For definitions and other specifications see Engineering Data Sheet and E-V brochure "How to build an Electro-Voice Component Speaker System. From the ground up."

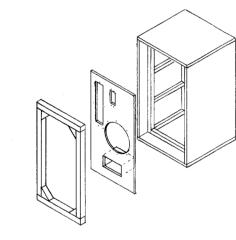


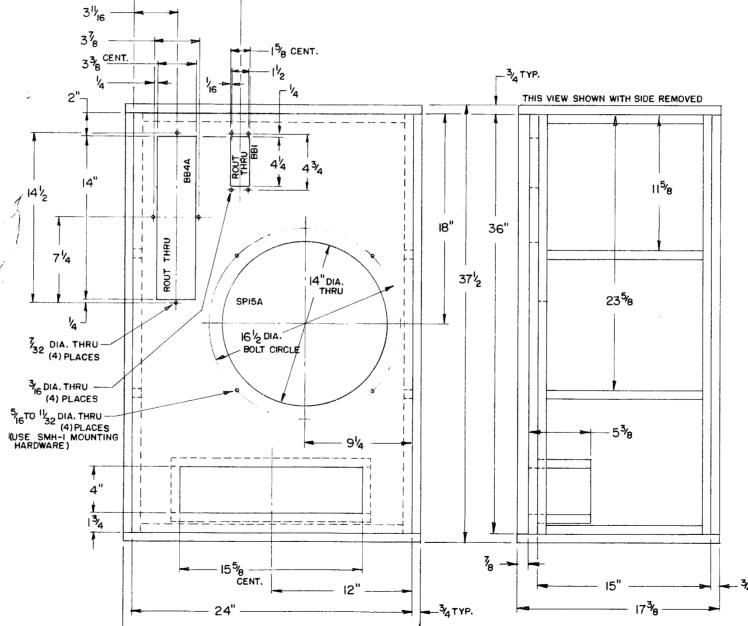
7.36 CUBIC FEET ENCLOSURE



REAR VIEW OF GRILLE FRAME WITH CLOTH









600 CECIL STREET, BUCHANAN, MICHIGAN 49107