

AR SERIES ORGAN
 EARMARK FOR
 #11393, UNITED METHODIST TEMPLE, TERRE HAUTE, INDIANA
 SPECIFICATIONS FOR A SERIES 70-7B ORGAN

2/9
GENERAL 1979

ORGAN

| | |
|---------------|--------------------------------|
| Great Organ | Standard design without grille |
| Swell Organ | Standard design without grille |
| | Layout will be supplied |
| Wood & Finish | Silvite - Charcoal Brown |
| Action | Electro-Pneumatic (unit type) |
| Wind Pressure | See Pipe Analysis |
| Pitch | A-440 @ 70°F |

CONSOLE

| | |
|----------------|------------------------|
| Cabinet | Standard design |
| Wood & Finish | Rift Sawn Oak M-4150-2 |
| Manual | Two and Pedal |
| Manual Compass | CC to C4, 61 notes |
| Pedal Compass | CCC to G, 32 notes |
| Stop Controls | Tilting Tablets |
| Action | All Electric |

BLOWER (located in blower space)

| | |
|------------------------|---|
| Type | Kinetic 2-P-2116 - 1/2 HP - 1750 RPM - 6" outlet |
| Wind | 360 c.f.m. @ 4" |
| Current Specifications | 1 Ph - 60 Cy - 220 Volts - 3.6 Ampere |
| Overall Size | 2' - 5-3/4" long x 1' - 10-3/8" wide x 2' - 6-1/4" high |

POWER UNIT (located in console cabinet)

| | |
|------------------------|--|
| Rating | DC Output - 10-15 Volts - 30 Amperes |
| Current Specifications | AC Input - 1 Ph - 60 Cy - 110 Volts - 10 Amperes |
| Overall Size | 14-1/2" long x 10-3/4" wide x 7" high |

CONSOLE AND ORGAN

GREAT ORGAN (Enclosed)

| | | |
|--------|--|-----------|
| 16 | Bourdon | 92 pipes |
| 8 | Principal | 80 pipes |
| 8 | Gedeckt -----from #1 | 61 notes |
| 8 | Genshorn -----from #13 | 61 notes |
| 4 | Octave -----from #2 | 61 notes |
| 4 | Gedeckt -----from #1 | 61 notes |
| 2 | Super Octave -----from #2--(repeat 5 top notes)----- | 61 notes |
| 2 | Flute -----from #1--(repeat 5 top notes)----- | 61 notes |
| II-III | Mixture | 126 pipes |
| | Chimes---Mayland tubes & electric action, relay, transformer & volume control---A to F, #22 to #42----- | 21 tubes |
| | Tremolo | |

SWELL ORGAN (Enclosed)

| | | | | |
|----|-------|--------------------------|-------------------------------------|----------|
| 12 | 8 | Spitzflöte----- | (low octave from #13)----- | 73 pipes |
| 13 | 8 | Gemshorn ----- | | 85 pipes |
| 14 | 8 | Gemshorn Celeste TC----- | | 49 pipes |
| 15 | 4 | Spitzflöte ----- | from #12----- | 61 notes |
| 16 | 2 | Spitzflöte ----- | from #12----- | 61 notes |
| 17 | 1-1/3 | Larigot ----- | from #13--(repeat 7 top notes)----- | 61 notes |
| 18 | 16 | Contre Trompette ----- | | 85 pipes |
| 19 | 8 | Trompette ----- | from #18----- | 61 notes |
| 20 | 4 | Clairon ----- | from #18----- | 61 notes |
| 21 | | Tremolo | | |

PEDAL ORGAN

| | | | | |
|----|-----|-----------------------|-------------------|----------|
| 22 | 16 | Bourdon----- | from #1----- | 32 notes |
| 23 | 8 | Principal----- | from #2----- | 32 notes |
| 24 | 8 | Gedeckt----- | from #1----- | 32 notes |
| 25 | 8 | Gemshorn----- | from #13 ----- | 32 notes |
| 26 | 4 | Octave ----- | from #2 ----- | 32 notes |
| 27 | 4 | Spitzflöte ----- | from #12----- | 32 notes |
| 28 | III | Mixture ----- | from #7 & 9 ----- | 32 notes |
| 29 | 16 | Contre Trompette----- | from #18 ----- | 32 notes |
| 30 | 8 | Trompette ----- | from #18 ----- | 32 notes |
| 31 | 4 | Clairon----- | from #18 ----- | 32 notes |

COUPLER

32 Swell to Great

ADJUSTABLE COMBINATIONS

Pistons No. 1-2-3-4

Affecting Full Organ

PEDAL MOVEMENTS

- Balanced Expression Pedal - Great Organ (8 contacts, reverse system)
- Balanced Expression Pedal - Swell Organ (8 contacts, reverse system)
- Balanced Crescendo Pedal with indicator light (green jewel)

ACCESSORIES

- Motor and power unit on-off switch (lock type) with indicator light (amber jewel) and related wiring.
- Concave and radiating pedal keyboard
- Organ bench with music shelf
- Music rack
- Music rack light
- Pedal light

PIPE ANALYSIS

| STOP | PITCH | PIPES | SCALE | HALVING | MOUTH | METAL | WIND PRESSURE |
|------|-------|-------|-------|---------|-------|-------|---------------|
|------|-------|-------|-------|---------|-------|-------|---------------|

GREAT ORGAN

| | | | | | | | | |
|-----------|--------|-----|---|--------|-----|-----------------------------|--------|--------|
| Bourdon | 16 | 92 | CCC to BBB Reg. Manual Bourdon CC to BB Reg. Artiste Tapered Bass TC 68 | 21-1/2 | 2/9 | Wood Wood 5 Zinc C.M. | 3-1/2" | |
| Principal | 8 | 80 | CC 52 TC 60 | 18-1/2 | 1/4 | 19 Zinc S.M. | 3-1/2" | |
| Mixture | II-III | 126 | See Formula Below | | | | | 3-1/2" |

SWELL ORGAN

| | | | | | | | |
|---------------------|----|----|---|----------------------------|-------------------|--------------|--------|
| Spitzflöte TC | 8 | 73 | 60-2/3 @ 4' C | 19-1/2 | 1/5 | 5 Zinc C.M. | 3-1/2" |
| Gemshorn | 8 | 85 | CC 56 C 68-1/2 #56 98 | 19-1/2 19-1/2 17-1/2 | 2/9 2/9 1/6 | 17 Zinc S.M. | 3-1/2" |
| Gemshorn Celeste TC | 8 | 49 | 56-1/2 @ 8' C | 19-1/2 | 2/9 | 5 Zinc S.M. | 3-1/2" |
| Contre Trompette | 16 | 85 | 3" CCC to FF half length FF# up full length D(F) Eschallots | | | Zinc & S.M. | 3-1/2" |

GREAT II-III MIXTURE FORMULA

| | | | | | |
|--------|--------|--------|-----------|-------|-------|
| | 19 | 12 | 12 | 12 | 15 |
| | 22 | 19 | 19 | | |
| | | 22 | | | |
| | 1-37 | 38-49 | 50-53 | 54-56 | 57-61 |
| Unison | 47 Sc. | 17-1/2 | 1/4 mouth | S.M. | |
| Quint | 49 Sc. | 17-1/2 | 1/4 mouth | S.M. | |