

## AR SERIES ORGAN

## EARMARK FOR

#11607 - ST. JOHN THE BAPTIST CATHOLIC CHURCH, EDMOND, OKLAHOMA  
 SPECIFICATIONS FOR A SERIES 80-10 ORGAN  
 TO BE COMPLETED: FEBRUARY 15, 1983

2/10

GENERAL

## (1) ORGAN

|               |                                                              |
|---------------|--------------------------------------------------------------|
| Great Organ   | Unenclosed with facade, provide enclosure                    |
| Swell Organ   | Special design - No cabinet                                  |
|               | Layout will be supplied                                      |
| Wood & Finish | Rift Sawn Oak <del>#4150-2</del> <i>to customer's sample</i> |
| Action        | Electro-pneumatic (unit type)                                |
| Wind Pressure | See Pipe Analysis                                            |
| Pitch         | A-440 @ 70°F                                                 |

## (2) CONSOLE

|                |                                                              |
|----------------|--------------------------------------------------------------|
| Cabinet        | Standard Design                                              |
| Wood & Finish  | Rift Sawn Oak <del>#4150-2</del> <i>to customer's sample</i> |
| Manuals        | Two and Pedal                                                |
| Manual Compass | CC to C4, 61 notes                                           |
| Pedal Compass  | CCC to G, 32 notes                                           |
| Stop Controls  | Tilting Tablets                                              |
| Action         | All electric with under-key contacts for stops and couplers. |

## (3) BLOWER (located near Organ)

|                       |                                          |
|-----------------------|------------------------------------------|
| Type                  | 2-P-2116 - 1/2 HP - 1750 RPM - 6" outlet |
| Wind                  | 380 c.f.m. @ 3-1/2"                      |
| Current Specification | 1 Ph - 60 Cy - 120 Volts - 7.2 Amperes   |
| Overall Size          | 2'-5 3/4" x 1'-10 3/8" x 2'-6" high      |

## (4) POWER UNIT (located near Organ)

|                       |                                       |
|-----------------------|---------------------------------------|
| Rating                | DC Output - 10-15 Volts, 30 Amperes   |
| Current Specification | 1 Ph - 60 Cy - 120 Volts - 10 Amperes |
| Overall Size          | 14-1/2" x 10-3/4" x 7" high           |

GREAT ORGAN (Unenclosed)

|     |        |                                                      |           |
|-----|--------|------------------------------------------------------|-----------|
| * 1 | 16     | Bourdon-----                                         | 92 pipes  |
| * 2 | 8      | Principal-----                                       | 80 pipes  |
| 3   | 8      | Gedeckt -----from #1-----                            | 61 notes  |
| 4   | 8      | Gemshorn-----from #13-----                           | 61 notes  |
| 5   | 4      | Octave -----from #2-----                             | 61 notes  |
| 6   | 4      | Gedeckt-----from #1-----                             | 61 notes  |
| 7   | 2      | Super Octave-----from #2--(repeat 5 top notes) ----- | 61 notes  |
| 8   | 2      | Flute -----from #1--(repeat 5 top notes) -----       | 61 notes  |
| 9   | III-IV | Mixture -----                                        | 208 pipes |
| 10  |        | Chimes----- (prepared for in console only)           |           |
| 11  |        | Tremolo                                              |           |

SWELL ORGAN (Enclosed)

|    |       |                                                        |          |
|----|-------|--------------------------------------------------------|----------|
| 12 | 8     | Rohrflöte-----                                         | 73 pipes |
| 13 | 8     | Gemshorn -----                                         | 80 pipes |
| 14 | 8     | Gemshorn Celeste TC--(prepared for console only)       |          |
| 15 | 4     | Spitzprincipal-----                                    | 73 pipes |
| 16 | 4     | Rohrflöte -----from #12-----                           | 61 notes |
| 17 | 2     | Spitzoctave-----from #15 -----                         | 61 notes |
| 18 | 1-1/3 | Larigot-----from #13--(repeat 12 top notes) -----      | 61 notes |
| 19 | 1     | Klein Oktave-----from #15--(repeat 12 top notes) ----- | 61 notes |
| 20 | 16    | Contre Trompette-----                                  | 80 pipes |
| 21 | 8     | Trompette -----from #20-----                           | 61 notes |
| 22 | 4     | Clairon -----from #20--(repeat 5 top notes)-----       | 61 notes |
| 23 |       | Tremolo                                                |          |

PEDAL ORGAN

|    |     |                                    |          |
|----|-----|------------------------------------|----------|
| 24 | 16  | Bourdon-----from #1-----           | 32 notes |
| 25 | 8   | Principal-----from #2-----         | 32 notes |
| 26 | 8   | Rohrflöte-----from #12-----        | 32 notes |
| 27 | 4   | Octave-----from #2-----            | 32 notes |
| 28 | 4   | Gedeckt-----from #1-----           | 32 notes |
| 29 | III | Mixture-----from #9-----           | 32 notes |
| 30 | 16  | Contre Trompette-----from #20----- | 32 notes |
| 31 | 4   | Clairon-----from #20-----          | 32 notes |

\* Exposed

COUPLERS

|    |                |
|----|----------------|
| 32 | Great to Pedal |
| 33 | Swell to Pedal |
| 34 | Swell to Great |

ADJUSTABLE COMBINATIONS

Pistons No. 1-2-3-4

Affecting Full Organ

PEDAL MOVEMENTS

Balanced Expression Pedal - Swell Organ (8 contacts, make to close)  
 Balanced Crescendo Pedal with indicator light (green jewel)

ACCESSORIES

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

PIPE ANALYSIS

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

GREAT ORGAN (Unenclosed)

|           |        |     |                   |                        |             |                         |        |
|-----------|--------|-----|-------------------|------------------------|-------------|-------------------------|--------|
| Bourdon   | 16     | 92  | CCC to CC 56      | BBB Reg. Manual 21-1/2 | Bourdon 2/9 | Wood )<br>17 Zinc C.M.) | 3-1/2" |
| Principal | 8      | 80  | 45                | 17-1/2                 | 1/4         | 21 Zinc S.M.            | 3-1/2" |
| Mixture   | III-IV | 208 | See Formula Below |                        |             |                         | 3-1/2" |

SWELL ORGAN (Enclosed)

|                  |    |    |                                                |                            |                   |                                              |        |
|------------------|----|----|------------------------------------------------|----------------------------|-------------------|----------------------------------------------|--------|
| Rohrflote        | 8  | 73 | 56                                             | 21-1/2                     | 2/9               | Sm. O.S. Chimneys<br>(19-62)<br>18 Zinc C.M. | 3-1/2" |
| Gemshorn         | 8  | 80 | CC 56<br>C 68-1/2<br>#56 98                    | 19-1/2<br>19-1/2<br>17-1/2 | 2/9<br>2/9<br>1/6 | 17 Zinc S.M.                                 | 3-1/2" |
| Spitzprincipal   | 4  | 73 | 60-2/3                                         | 18-1/2                     | 1/4               | 7 Zinc C.M.                                  | 3-1/2" |
| Contre Trompette | 16 | 80 | 3" CCC to FF half length<br>FF# up full length |                            |                   | D(F) Eschallots<br>Zinc & S.M.               | 3-1/2" |

GREAT III-IV MIXTURE FORMULA

|        |        |        |           |       |       |       |
|--------|--------|--------|-----------|-------|-------|-------|
|        | 22     | 19     | 15        | 12    | 12    | 12    |
|        | 26     | 22     | 19        | 15    | 15    | 15    |
|        | 29     | 26     | 22        | 19    | 19    |       |
|        |        | 29     | 26        | 22    |       |       |
|        | 1-17   | 18-29  | 30-36     | 37-49 | 50-54 | 55-61 |
| Unison | 47 Sc. | 17-1/2 | 1/4 mouth | S.M.  |       |       |
| Quint  | 49 Sc. | 17-1/2 | 1/4 mouth | S.M.  |       |       |