

AR SERIES ORGAN
EARMARK FOR

#11610, AVONDALE UNITED METHODIST CHURCH, JACKSONVILLE, FLORIDA
SPECIFICATIONS FOR A 12 STOP SERIES 80 (PLUS CELESTE) ORGAN
TO BE COMPLETED: December 1, 1982

2/13

GENERAL

(1) ORGAN

Great Organ
Swell Organ
Wood & Finish

Action
Wind Pressure
Pitch

Exposed & Divided - Provide enclosure
Chamber installation, no cabinet
Rift Sawn Oak to customer's sample
Layout will be supplied
Electro-Pneumatic (unit type)
See Pipe Analysis
A-440 @ 70°F

(2) CONSOLE

Cabinet
Wood & Finish
Manual
Manual Compass
Pedal Compass
Stop Controls
Action

Special design
Rift Sawn Oak to customer's sample
Two and Pedal
CC to C4, 61 notes
CCC to G, 32 notes
Draw Knobs and Tilting Tablets
All Electric with under-key contacts for
stops and couplers.

(3) BLOWER (located near Swell Organ)

Type
Wind
Current Specifications
Overall Size

Kinetic 2-P-2118 - 3/4 HP - 1750 RPM - 8" outlet
500 c.f.m. @ 3-1/2"
3 Ph - 60 Cy - 208 Volts - 2.9 Amperes
2'-9 3/4" x 1'-10 3/8" x 2'-6 1/4"

(4) POWER UNIT (located in Swell Organ)

Rating
Current Specifications
Overall Size

DC Output 10-15 Volts - 30 Amperes
AC Input: 1 Ph - 60 Cy - 208 Volts - 5 Amperes
14-1/2" Long x 10-3/4" Wide x 7" High

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CONSOLE AND ORGAN

GREAT ORGAN (Exposed)

1	16	Bourdon-----	92 pipes
2	8	Principal -----	80 pipes
3	8	Gedeckt -----from #1 -----	61 notes
4	8	Gemshorn -----from #16 -----	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	II	Sesquialtera TC-----	98 pipes
10	III-IV	Mixture-----	208 pipes
11	8	Krummhorn--(prepared for in console only)	

(cont'd)

GREAT ORGAN (exposed) (cont'd)

12		Chimes----Mayland tubes and electric actions, relay, transformer & volume control, A to F, #22 to 42-----21 tubes
13		Tremolo
* 14	8	Festival Trumpet (prepared for in console only)

SWELL ORGAN (enclosed)

15	8	Rohrflöte-----73 pipes
16	8	Gemshorn -----80 pipes
17	8	Gemshorn Celeste TC -----49 pipes
18	4	Spitzprincipal-----73 pipes
19	4	Rohrflöte -----from #15-----61 notes
20	2	Spitzoctave-----from #18 -----61 notes
21	1-1/3	Larigot-----from #16--(repeat 12 top notes)-----61 notes
22	1	Klein Octave-----from #18--(repeat 12 top notes)-----61 notes
23	16	Contre Trompette -----80 pipes
24	8	Trompette-----from #23 -----61 notes
25	4	Clairon-----from #23--(repeat 5 top notes)-----61 notes
26		Tremolo
* 27	8	Festival Trumpet--(prepared for in console only)

PEDAL ORGAN

28	32	Untersatz-----from #1-----32 notes
29	16	Contrebasse-----12 pipes, 20 from #2-----32 notes
30	16	Bordun -----from #1-----32 notes
31	8	Principal-----from #2 -----32 notes
32	8	Rohrflöte -----from #15-----32 notes
33	4	Octave -----from #2 -----32 notes
34	4	Gedeckt -----from #1 -----32 notes
35	III	Mixtur -----from #10 -----32 notes
36	16	Contre Trompette---from #23 -----32 notes
37	4	Clairon-----from #23 -----32 notes

* Not affected by couplers

COUPLERS

38	Great to Pedal 8'
39	Swell to Pedal 8'
40	Swell to Great 8'

ADJUSTABLE COMBINATIONS

Pistons No. 1-2-3-4-5-6
General Cancel

Affecting Full Organ

PEDAL MOVEMENTS

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

ACCESSORIES

Motor and power unit On-Off switch (key type) with indicator light
 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
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GREAT ORGAN

Bourdon	16	92	CCC to BBB Reg. Manual Bourdon 56	21-1/2	2/9	Wood) 17 Zinc C.M.)	3-1/2"
Principal	8	80	45	17-1/2	1/4	19 Zinc S.M.)	3-1/2"
Mixture	III-IV	208	See Formula Below				3-1/2"
Sesquialtera TC II		98	See Formula Below				3-1/2"

SWELL ORGAN

Rohrflöte	8	73	56	21-1/2	2/9	SM O.S. Chimneys) #19-62) 18 Zinc C.M.)	3-1/2"
Gemshorn	8	80	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 @ CC	19-1/2	2/9	5 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 FF# up full length			D(F) Eschallots Zinc & S.M.	3-1/2"

Pedal Organ

Contrebasse 16 12

33

(see next page for Mixture Formulas)

17 1/2

1/4

Zinc

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.

GREAT II SESQUIALTERA TC FORMULA

12	10
17	12
13-56	57-61

2-2/3 74 @ #13 17-1/2 2/9 mouth S.M. Pull in 6 scales between 50-61
1-3/5 82 @ #13 17-1/2 1/5 mouth S.M. Pull in 6 scales between 45-56,
break @ 57

HWW/mr
9/29/82