

AR SERIES ORGAN
 EARMARK FOR
 #11697 - WHITTIER STAKE, L.D.S., WHITTIER, CALIFORNIA
 SPECIFICATIONS FOR SERIES 80-9+ ORGAN

2110

TO BE COMPLETED - March 15, 1985

GENERAL

(1) ORGAN

Great and Pedal Organ

Unenclosed - Chamber Installation - Layout will be provided.

Swell Organ

Silvite Cabinet - No Grilles

Finish

Charcoal Brown

Action

Electro-Pneumatic (unit type)

Wind Pressure

See Pipe Analysis

Pitch

A-440 @ 70°F

(2) CONSOLE

Cabinet

Standard Design with roll top

Wood & Finish

Rift Sawn Oak to customer's sample

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

(3) BLOWER (mounted in organ)

Type

Style 2-P-2116 - 1/2 HP - 1750 RPM

Wind

380 c.f.m. @ 4" - 6" outlet

Current Specification

1 Phase - 60 Cycles - 120 Volts - 7.2 Amperes

Overall Size

2' - 5 3/4" x 1' - 10 3/8" x 2' - 3 1/4" high

(4) POWER UNIT (mounted in organ)

Rating

DC Output: 10-15 Volts - 30 Amperes

AC Input

1 Phase - 60 Cycles - 120 Volts - 10 Amperes

Overall Size

16-3/4" long x 11" wide x 7-1/4" high

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CONSOLE AND ORGAN

GREAT ORGAN (Unenclosed)

1	16	Bourdon-----	92 pipes
2	8	Principal-----	80 pipes
3	8	Gedeckt-----	from #1-----61 notes
4	8	Gemshorn-----	from #1 2 -----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 Rks. Mixture-----		208 pipes
10	Tremolo		

SWELL ORGAN (Enclosed)

11	8	Rohrflöte-----	85 pipes
12	8	Gemshorn -----	80 pipes
13	8	Gemshorn Celeste TC-----	49 pipes
14	4	Rohrflöte -----from #11-----	61 notes
15	4	Gemshorn-----from #12-----	61 notes
16	2	Rohrflöte-----from #11-----	61 notes
17	1-1/3	Larigot -----from #12--(repeat top octave)-----	61 notes
18	1	Siffelöte-----from #11--(repeat top octave)-----	61 notes
19	16	Contre Trompette-----	80 pipes
20	8	Trompette-----from #19-----	61 notes
21	4	Clairon -----from #19--(repeat 5 top notes)-----	61 notes
22		Tremolo	

PEDAL ORGAN

23	16	Principal-----12 pipes, 20 from #2 -----	32 notes
24	16	Bourdon-----from #1-----	32 notes
25	8	Principal-----from #2-----	32 notes
26	8	Rohrflöte-----from #11-----	32 notes
27	4	Octave -----from #2-----	32 notes
28	4	Gedeckt-----from #1-----	32 notes
29	III Rks.	Mixture-----from #9-----	32 notes
30	16	Contre Trompette -----from #19-----	32 notes
31	4	Clairon-----from #19-----	32 notes

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

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

PIPE ANALYSIS

STOP	PITCH	PIPES	SCALE	HALVING	MOUTH	REMARKS	WIND PRESSURE
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GREAT ORGAN - Unenclosed

Bourdon	16	92	CCC to BBB Reg. Man. Bourdon CC to BB Reg. Art. Tapered Bass TC 68	21-1/2	2/9	Wood Wood 5 Zinc CM	3-1/2"
Principal	8	80	45	17-1/2	1/4	19 Zinc SM	3-1/2"
Mixture	III-IV	208	See Formula Below			SM	3-1/2"

SWELL ORGAN - Enclosed

Rohrflöte	8	85	56	21-1/2	2/9	18 Zinc CM Sm. I.S. Chimneys 19-62 Pull in 8 scales between #62 & 73	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 SM	3-1/2"
Gemshorn Celeste TC	8	49	⁵⁶ 52-1/2 @ CC	19-1/2	2/9	5 Zinc SM	3-1/2"
Contre Trompette	16	80	3" CCC to FF half length FF# & up full length			D(F) Eschallots Zinc & SM	3-1/2"

PEDAL ORGAN

Principal	16	12	33	17-1/2	1/4	Zinc	4-1/2"
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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
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Unison	47 Sc.	17-1/2	1/4 mouth	SM
Quint	49 Sc.	17-1/2	1/4 mouth	SM