

AR SERIES ORGAN
 EARMARK FOR
 #11683 - THE FEDERATED CHURCH, CARLINVILLE, ILLINOIS
 SPECIFICATIONS FOR SERIES 80-5 ORGAN

TO BE COMPLETED - JUNE 2, 1985

2/6+4
GENERAL

(1) ORGAN

Great	Exposed, provide enclosure -Layout will be supplied
Swell	Standard cabinet, with special grilles
Wood & Finish	Rift Sawn Oak to match console
Action	Electro-Pneumatic (unit type)
Wind Pressure	See Pipe Analysis
Pitch	A-440 @ 70°F

(2) CONSOLE

Cabinet	Present Style A4 (M-9165 - 1955)
Wood & Finish	Rift Sawn Oak, Refinish same color
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

(3) BLOWER (Existing - Located in Blower Space)

Type	Style - Kinetic 2 DYM - 1/2 HP - 1165 RPM
Wind	340 c.f.m. @ 4" - 8" outlet
Current Specification	1 Phase - 60 Cycles - 220 Volts - 4.5 Amperes

(4) POWER UNIT (mounted in organ cabinet)

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-----	from #12 & 23-----	61 notes
* 2	8	Principal-----		85 pipes
3	8	Rohrflöte-----	from #12-----	61 notes
4	8	Gemshorn -----	from #13-----	61 notes
5	4	Octave-----	from #2-----	61 notes
6	4	Rohrflöte -----	from #12-----	61 notes
7	2	Super Octave -----	from #2 -----	61 notes
8	2	Flöte -----	from #12--(repeat 5 top notes) -----	61 notes
9	III-IV Rks.	Mixture -----	prepared for -----	61 notes
10	8	Trompette-----	from #20-----	61 notes
11		Chimes-----	(prepared for in console only)	

* Exposed #3-16

SWELL ORGAN (Enclosed)

12	8	Rohrflöte-----	80 pipes
13	8	Gemshorn-----	80 pipes
14	8	Gemshorn Celeste TC-(present pipes & new action by others)----	49 pipes
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 top octave)-----	61 notes
19	1	Klein Octave-----from #15--(repeat top octave)-----	61 notes
20	8	Trompette-----	61 pipes
21	4	Clairon-----from #20--(repeat top octave)-----	61 notes
22		Tremolo	

PEDAL ORGAN

23	16	Bourdon-----12 pipes, 20 from #12-----	32 notes
24	8	Principal-----from #2-----	32 notes
25	8	Rohrflöte-----from #12-----	32 notes
26	4	Octave-----from #2-----	32 notes
27	4	Rohrflöte-----from #12-----	32 notes
28	16	Contre Trompette---12 pipes, 20 from #20-----	32 notes
29	8	Trompette -----from #20-----	32 notes
30	4	Clairon -----from #20-----	32 notes

COUPLERS

31	Great to Pedal
32	Swell to Pedal
33	Swell to Great

ADJUSTABLE COMBINATIONS

Pistons No. 1-2-3-4

Affecting Full Organ

PEDAL MOVEMENTS

Great to Pedal Reversible

Balanced Expression Pedal (8 contacts, make to close)

Balanced Crescendo Pedal with indicator lights (green jewels) *P-M-P-M-F-F*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.~~*Current light and test button.*AEN/mr
4/16/85

PIPE ANALYSIS

STOP	PITCH	PIPES	SCALE	HALVING	MOUTH	REMARKS	WIND PRESSURE
<u>GREAT ORGAN</u> - Exposed							
*Principal	8	85	45	17-1/2	1/4	19 Zinc SM #1-16 #17 up	4-1/2" 3-1/2"
<u>SWELL ORGAN</u> - Enclosed							
Rohrflöte	8	80	CC to BB Reg. Art. Tapered Bass TC 68	21-1/2	2/9	Wood 6 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 S.M.	3-1/2"
Spitzprincipal	4	73	60-2/3	18-1/2	1/4	7 Zinc CM	3-1/2"
Trompette	8	61	2-1/4"	#1-6	1/2 length	Zinc & SM D(F) Eschallots	3-1/2"
<u>PEDAL ORGAN</u>							
Bourdon	16	12	Reg. Man. Bourdon			Wood	4-1/2"
Contre Trompette	16	12	3"	#1-12	1/2 length	Zinc D(F) Eschallots	3-1/2"

* Exposed #3-16 inc.