

M. P. MÖLLER Organ Factory

Revised January 28, 1974

Date May 15, 1973

Pipe Organ No. R-895
 For FIRST CONGREGATIONAL CHURCH, TOLEDO, OHIO
 Action Electro-Pneumatic Console Detached
 Casing No. Present - No Change Finish To customer's sample
 Decorations None Motor Present Motor & Blower
 Width of Key-bed Standard Stop Controls Draw Knobs & Tilting Tablets
 No. Manuals FOUR AND PEDAL Wind Pressure Gr 4 Sw - 7", Ch - 6", So - 10"
 To be Completed April 14, 1974 Blower Pipe furnished by Purchaser

SPECIFICATIONS

FOR

REBUILDING, CHANGING TONALLY AND ADDING TO PRESENT E. M. SKINNER ORGAN
 OPUS 237 - 1916

CONSOLE Install new four manual, electro-pneumatic, detached, draw knob type console, pedal key and organ bench.

MANUAL CHESTS Releather 1847 manual pipe pouches.
 Install 1847 new stop action checks.
 Releather seven 61 note primary stations and install new outside type magnets.
 Releather 32 stop action primaries and install new outside type magnets.
 Rework or install new toeboard/rackboard assemblies as required for tonal changes.
 Install one (1) new 61 note main chest for new Great III-V Mixture and 2 Super Octave.
 Releather the following pedal stations and install new outside type magnets:

16 Gamba (Choir)	32 notes
16 Lieblich Gedeckt (Swell)	44 notes
16 Trombone (Swell)	44 notes

Extend 16 Trombone pedal station 12 notes

OFFSET ACTIONS Releather the following offset actions and install new primary valves:

Great 8 Open Diapason	17 notes
Great 8 Flute	8 notes
Great 8 Erzähler	8 notes
Swell 16 Bourdon	12 notes
Swell 8 Diapason	5 notes
Swell 8 Gedeckt	12 notes
Swell 8 Clarabella	12 notes
Swell 8 Salicional	12 notes
Swell 8 Dulciana	6 notes
Swell 16 Posaune	6 notes
Choir 16 Gamba	20 notes
Choir 8 English Diapason	10 notes
Choir 8 Concert Flute	8 notes
Solo 8 Gamba	12 notes
Solo 8 Gamba Celeste	7 notes

OFFSET ACTIONS (cont'd)

Releather the following unit actions and install new outside type magnets:

Swell 8	Vox Humana	61 notes
Solo 8	Tuba	61 notes

CHIMES

Reuse present Chimes without change.

HARP

Releather 49 note Harp action and install new outside type magnets.

SWITCHES

Install new electro-pneumatic switches with stop actions for the following: Provide diodes as required.

Great	"A"	station cutout	61 notes
Great	"B"	station cutout	61 notes
Great	"C"	station cutout	61 notes
Swell	"A"	station cutout	61 notes
Swell	"B"	station cutout	61 notes
Swell	8	Vox Humana	61 notes
Choir		station cutout	61 notes
Choir	8	Harp TC	49 notes
Choir	4	Harp	49 notes
Solo		station cutout	61 notes
Solo	8	Tuba	61 notes
Echo	8	Cor De Nuit	61 notes
Echo	8	Vox Humana	61 notes
Echo		Chimes	25 notes

PEDAL ORGAN

Releather the following actions and install new outside type magnets:

16	Open Diapason	56 notes
16	Bourdon	56 notes
32	Bombarde	12 notes

Install new 32 note relay with necessary switches.

EXPRESSION

Recover 2 whiffletree expression actions and install new outside type magnets.

RESERVOIRS

Recover the following reservoirs:

Three	3'-0" x 4'-0"
Three	2'-6" x 3'-6"
Two	2'-0" x 3'-0"

TREMOLOS

Install 4 new electro-pneumatic tremolos.

PIPES

Install the following new pipes:

Great	8	Open Diapason	49 pipes (#13-61)
Great	8	Doppel Flute	61 pipes
Great	4	Octave	61 pipes
Great	2	Super Octave	61 pipes
Great	II	Sesquialtera	122 pipes
Great	III-IV	Mixture	220 pipes
Swell	III	Plein Jeu	183 pipes
Pedal	16	Open Diapason	44 pipes (#13-56)

Revoice the following reeds:

Swell	16	Posaune	61 pipes
Swell	8	Cornopean	61 pipes
Swell	8	Flugelhorn	61 pipes
Swell	8	Vox Humana	61 pipes
Choir	8	Clarinet	61 pipes
Choir	8	Orchestral Oboe	61 pipes
Solo	8	French Horn	61 pipes
Solo	8	Tuba	61 pipes
Pedal	32	Bombarde	12 pipes

Repack all present wood pipe stoppers.

Install new modern tuning slides on present metal pipes as required.

CABLES

Install new plastic covered cables between console and organ.

ACTION CURRENT

Reuse present 10-15 Volts, 30 Amperes DC organ power unit without change.

BLOWER

Reuse present _____ H.P., Style _____ *Spencer* motor and blower without change.

GENERAL

The parts specified above to be rebuilt to be returned to the factory of M. P. Moller, Inc. at Hagerstown, Maryland.

SPECIFICATIONS
FOR
CONSOLE AND ORGAN

MANUAL COMPASS CC to C4, 61 notes
 PEDAL COMPASS CCC to G, 32 notes
 WIND PRESSURE Gr + Sw - 7", Ch - 6", Se - 10"
 PITCH A-440 @ 70°F

GREAT ORGAN
Unenclosed

1	8	Open Diapason.....present 2nd Open Diapason pipes #1-12; new pipes #13-61; present 2nd Open Diapason action.....61 pipes
2	8	Doppel Flute.....new pipes; present 8 Gedeckt action.....61 pipes
3	8	Clarabella.....from #15.....61 notes
4	8	Erzahler.....present pipes; present 4 Octave action.....61 pipes
5	4	Octave.....new pipes; present 8 Erzahler action.....61 pipes
6	4	Flute.....present pipes and action.....61 pipes
7	2	Super Octave.....new pipes and action.....61 pipes
8	II	Sesquialtera.....new pipes; present 1st Open Diapason (Mixture) action.....122 pipes
9	III-IV	Mixture.....new pipes and action.....220 pipes
10	8	Cornopenn.....from #25.....61 notes
11		Tremolo

SWELL ORGAN
Expressive

12	16	Bourdon.....present pipes and action.....61 pipes
13	8	Open Diapason.....present pipes and action.....61 pipes
14	8	Gedeckt.....present pipes and action.....61 pipes
15	8	Clarabella.....present pipes and action.....61 pipes
16	8	Salicional.....present pipes and action.....61 pipes
17	8	Voix Celeste FF.....present pipes and action.....56 pipes
18	8	Dulciana.....present pipes and action.....61 pipes
19	8	Unda Maris FF.....present pipes and action.....56 pipes
20	4	Octave.....present pipes and action.....61 pipes
21	4	Harmonic Flute.....present pipes and action.....61 pipes
22	2	Flautino.....present pipes and action.....61 pipes
23	III	Plein Jeu.....new pipes; present Cornet action.....183 pipes
24	16	Posaune.....present pipes and action.....61 pipes
25	8	Cornopean.....present pipes and action.....61 pipes
26	8	Flugelhorn.....present pipes and action.....61 pipes
27	8	Vox Humana.....present pipes and action.....61 pipes
28		Tremolo

CHOIR ORGAN
Expressive

29	16	Gamba.....	present pipes and action.....	61	pipes
30	8	English Diapason.....	present pipes and action.....	61	pipes
31	8	Concert Flute.....	present pipes and action.....	61	pipes
32	8	Dulciana.....	present pipes and action.....	61	pipes
33	8	Erzähler Celeste II.....	present pipes and action.....	122	pipes
34	4	Flute.....	present pipes and action.....	61	pipes
35	8	Clarinet.....	present pipes and action.....	61	pipes
36	8	Orchestral Oboe.....	present pipes and action.....	61	pipes
37	8	Harp TC.....	present bars and action.....	49	bells
38	4	Harp.....	from #37.....	49	notes
39		Tremolo			

SOLO (ECHO) ORGAN
Expressive

40	8	Gamba.....	present pipes and action (So. Exp.).....	61	pipes
41	8	Gamba Celeste FF.....	present pipes and action (So. Exp.).....	56	pipes
42	8	French Horn.....	present pipes and action (So. Exp.).....	61	pipes
43	8	Tuba.....	present pipes and action (So. Exp.).....	61	pipes
44	8	Cor de Nuit.....	present pipes and action (Ec. Exp.).....	61	pipes
45	8	Vox Humana.....	present pipes and action (Ec. Exp.).....	61	pipes
46		Chimes.....	present tubes and action (Ec. Exp.).....	25	tubes
47		Tremolo (Solo and Echo)			

PEDAL ORGAN *

48	16	Open Diapason.....	present pipes #1-12; new pipes #13-36; present Pedal 16 Diapason and Solo 8 Philomela action.....	56	pipes
49	16	Bourdon.....	present pipes and action.....	56	pipes
50	16	Gamba.....	from #29.....	32	notes
51	16	Lieblich Gedeckt.....	from #12.....	32	notes
52	8	Octave.....	from #48.....	32	notes
53	8	Bourdon.....	from #49.....	32	notes
54	8	Still Gedeckt.....	from #12.....	32	notes
55	4	Principal.....	from #48.....	32	notes
56	4	Flute.....	from #49.....	32	notes
57	32	Bombarde.....	present pipes #1-12; #13 up from #24.....	32	notes
58	16	Trombone.....	from #24.....	32	notes
59	8	Tromba.....	from #24.....	32	notes
60	4	Clarion.....	from #24.....	32	notes

(*) Pedal Organ playable thru new relay and switches.

COUPLERS

61	Great to Pedal	75	Solo to Great 16
62	Great to Pedal 4	76	Solo to Great
63	Swell to Pedal	77	Solo to Great 4
64	Swell to Pedal 4	78	Swell to Choir 16
65	Choir to Pedal	79	Swell to Choir
66	Choir to Pedal 4	80	Swell to Choir 4
67	Solo to Pedal	81	Great 4
68	Solo to Pedal 4	82	Swell 16
69	Swell to Great 16	83	Swell Unison Off
70	Swell to Great	84	Swell 4
71	Swell to Great 4	85	Choir 16
72	Choir to Great 16	86	Choir Unison Off
73	Choir to Great	87	Choir 4
74	Choir to Great 4	88	Solo 16
		89	Solo Unison Off
		90	Solo 4

ADJUSTABLE COMBINATIONS

Pistons No. 1-2-3-4	Affecting Great
Pistons No. 1-2-3-4-5	Affecting Swell
Pistons No. 1-2-3-4	Affecting Choir
Pistons No. 1-2-3-4	Affecting Solo
Toe Studs No. 1-2-3-4	Affecting Pedal
Pistons No. 1-2-3-4-5-6	Affecting Full Organ - duplicated by toe studs
General Cancel	

REVERSIBLES

Great to Pedal - Manual piston and toe stud
 Swell to Pedal - Manual piston and toe stud
 Sforzando - manual piston and toe stud with indicator light (red jewel)

PEDAL MOVEMENTS

Balanced Expression Pedal - Swell Organ (16 contacts - regular system)
 Balanced Expression Pedal - Choir - Solo Organ (16 contacts - regular system)
 Balanced Expression Pedal - Echo Organ (8 contacts - regular system)
 Balanced Crescendo Pedal with indicator light (green jewel)

ACCESSORIES

Concave, radiating pedal clavier
 Organ bench with music shelf
 Present motor, blower and organ power unit

RVK/mr
 8/15/73
 Revised 1/31/74
 WAR/mr