

M. P. MOLLER ORGAN FACTORY

4/83

Pipe Organ No.	<u>R-1212</u>	Date	<u>August 21, 1990</u>
For	<u>PINE STREET PRESBYTERIAN CHURCH, HARRISBURG, PENNSYLVANIA</u>		
Action	<u>Electro-Pneumatic</u>	Console	<u>Present - Detached</u>
Casing	<u>Present - no change</u>	Finish	<u>Per customer's sample</u>
Decoration	<u>None</u>	Motor	<u>Main - present 10hp Spencer</u>
Width of Key-bed	<u>Standard</u>	Motor	<u>TEC - Ventus 1hp, 1.5/460</u>
Keys to be	<u>Present-no change</u>	Tracker Touch	<u>Yes</u> <u>No</u> <u>X</u>
No. Manuals	<u>Four and Pedal</u>	Stop Controls	<u>Implex drawknobs & TT</u>
To be Completed	<u>October 1, 1991</u>	Wind Pressure	<u>See Scale Sheet</u>
Pitch:	<u>A-440</u>	Blower Pipe Furnished by	<u>Existing</u>

SPECIFICATIONS

FOR

REBUILDING PRESENT SKINNER ORGAN OPUS 506

MOLLER R-706 - 1963

WITH TONAL CHANGES AND ADDITIONS

CONSOLE

Reuse present console rebuilding as follows:

- Install new electric drawknobs.
- Install new electric tilting tablets.
- Install new nameboard.
- Install new Solid State Logic combination action.
- Install new solid state coupler switches.
- Install new pistons as required.
- Replace piston buttons and springs.
- Install new indicator lights.
- Install new reversibles.
- Install new toe levers as required.
- Install new toe studs.
- Install new toe stud terraces.
- Replace pedal pads and edging.
- Replace burrs and felt washers on manual keys.
- Refelt console as required.
- Refelt pedal keyboard and replace rubber tips.
- Replace pedal key caps.
- Refinish console cabinet, pedal keys, and bench
- Install new key contacts.
- Install new pedal light.
- Install (2) 50 amp. DC organ power units.
- Install switch for Trompette en Chamade blower.
- Install new switch for Main Organ blower.

MANUAL PITMAN CHESTS

Recover primaries and install new magnets
 Eliminate double primaries.
 Recover stop action primaries and install
 new magnets.
 Recover manual pipe pouches.
 Rework and/or install new toeboard/rackboard
 assemblies as required for tonal changes.

OFFSET & UNIT CHEST

Releather and electrify the following offset actions.

Great	16'	Quintaton	61 notes
Great	8'	Principal	12 notes
Great	8'	Erzähler	10 notes
Great	8'	Rohrflöte	12 notes
Great	II	Sesquialtera	12 notes
Swell	16'	Gemshorn	44 notes
Swell	8'	Viola Pomposa	12 notes
Swell	8'	Flauto Dolce	10 notes
Swell	8'	Stopped Diapason	8 notes
Swell	8'	II Voix Celeste	12 notes
Swell	2'	Zauberflöte	6 notes
Swell	16'	Basson	6 notes
Swell	8'	Vox Humana	61 notes
Choir	8'	Eng. Open Diapason	10 notes
Choir	8'	Stopped Flute	10 notes
Choir	4'	Principal	6 notes
Solo	8'	Flauto Mirabilis	12 notes
Solo	8'	Gamba	10 notes
Solo	8'	Gamba Celeste	10 notes
Solo	8'	English Horn	61 notes
Echo	8'	Cor de Nuit	8 notes
Echo	8'	Vox Angelica, II Rk	6 notes

Recover all offset chest primaries
 Install new actions as required for additions.

SWITCHES

Install new solid state switches throughout organ.

PEDAL ORGAN

Recover the following actions and install new
 magnets as required:

16'	Diapason	44 notes
8'	Octave	44 notes
16'	Subbass	56 notes
16'	Bombarde	56 notes

EXPRESSION Install electric shade motors with trace rods and jacks.
Refelt all shades

RESERVOIR Reuse existing reservoirs without change.

TREMOLOS Provide new tremolos for Swell, Choir, Solo and Echo.

PIPES Install new pipes as indicated by organ specifications.
Revoice all pipes being reused.
Repack all wood pipe stoppers.
Install slide tuners as required.

CABLES Install new plastic covered cables between console and organ.
Install new action current wires between console, organ, and DC organ power unit.

ACTION CURRENT Install new 11-15 volts, 50 amperes DC organ power unit with air switch.

BLOWER Reuse present 10 HP, Spencer blower without change
Install new flexible connection with draw bands
Install new 1 HP Ventus 1.5/460 blower for Trompette en Chamade

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

 All parts from present instrument not required to complete this program become the property of M. P. Moller, Inc.

**SPECIFICATIONS
FOR
CONSOLE AND ORGAN**

MANUAL COMPASS	CC to C4, 61 notes
PEDAL COMPASS	CCC to G, 32 notes
WIND PRESSURE	See Scale Sheets
PITCH	A-440 @ 70 ° F

PRESENT PIPES AND ACTION UNLESS NOTED OTHERWISE

GREAT ORGAN - Unenclosed 12

1.	16	Quintaton.....#1-61 present pipes and action, #62-73 new pipes and action.....73 pipes
2.	8	Diapason.....present 8' Principal, rescaled....61 pipes
3.	8	Rohrflöte.....61 pipes
4.	8	Quintaton.....from #1.....61 notes
5.	8	Erzähler.....61 pipes
6.	4	Prestant.....present 4' Octave, rescaled....61 pipes
7.	4'	Spitzflöte.....61 pipes
8.	2'	Waldflöte.....61 pipes
9.	II	Sesquialtera..present II Rank Grave Mixture pipes and action.....122 pipes
10.	III	Fourniture....new pipes, present action.....183 pipes
11.	*	Carillon.....61 notes
12.		Zimbelstern...real bells.....8 bells
13.	8	* Trompette en Chamade.....61 notes

(*) Not affected by couplers

NAVE ORGAN - Unenclosed 10

New pipes and action throughout.
To be located in new chambers on front wall.

14.	8'	Principal.....61 pipes
15.	4'	Octave.....61 pipes
16.	2'	Super Octave.....61 pipes
17.	IV	Mixture.....244 pipes
18.	16	Double Trumpet.....61 pipes
19.	8	Trumpet.....61 pipes
20.	4	Klarine.....61 pipes

SWELL ORGAN - Expressive 28

21.	16	Lieblich Gedackt..#1-24 new pipes, #25-73 existing pipes, #74-85 new pipes and action...85 pipes
22.	16	Gemshorn.....unify present action.....73 pipes
23.	8	Viola Pomposa..present pipes, rescaled.....73 pipes

SWELL ORGAN (continued)

24.	8	Viola Celeste..new pipes, present IV Plein Jeu action.....	73	pipes
25.	8	Gedackt.....from #21.....	73	notes
26.	8	Stopped Diapason...present 8' Gedackt pipes and action.....	73	pipes
27.	8	Voix Celeste, II...present pipes, rescaled.....	146	pipes
28.	8	Gemshorn.....from #22.....	61	notes
29.	8	Flauto Dolce Celeste, II..present 8' Flauto Dolce and 8' Flauto Dolce Celeste TC pipes and action	134	pipes
30.	4	Octave Geigen.....	73	pipes
31.	4'	Koppelflöte.....	73	pipes
32.	2-2/3	Nazard.....	61	pipes
33.	2	Zauberflöte.....	61	pipes
34.	1-3/5	Tierce.....	61	pipes
35.	V	Plein Jeu.....new pipes and action.....	305	pipes
36.	IV	Scharf.....new pipes and action	244	pipes
37.	16	Bassonpresent 16 Fagot pipes and action..	73	pipes
38.	8	Trompette.....	73	pipes
39.	8	Oboe.....	73	pipes
40.	8	Vox Humana.....	61	pipes
41.	4	Clairon.....	73	pipes
42.		Tremulant 16 12 4		

CHOIR ORGAN - Expressive 14

43.	8	English Diapason...new pipes, present II Cymbel action.....	73	pipes
44.	8	Stopped Flute..present Nason Gedackt pipes and action.....	73	pipes
45.	8	Unda Maris, II..73 present Dulciana pipes and action 61 new pipes and new action.....	134	pipes
46.	4	Principal.....new pipes and action.....	73	pipes
47.	4	Nachthorn.....	73	pipes
48.	2	Fifteenth.....new pipes, present 2' Italian Principal action.....	61	pipes
49.	1-1/3	Larigot.....	61	pipes
50.	1	Blockflöte....new pipes and action.....	61	pipes
51.	III-IV	Cymbal.....new pipes and action.....	224	pipes
52.	8	Clarinet.....	61	pipes
53.	*	Harp.....	61	notes
54.	*	Celesta.....	61	notes
55.		Tremulant 16 12 4		

SOLO - ECHO ORGAN - Expressive 7

56.	8	Flauto Mirabilis..present Gross Gedeckt pipes and action.....73 pipes
57.	8	Gamba.....73 pipes
58.	8	Gamba Celeste.....73 pipes
59.	8	English Horn..inventory pipes, present unused chest.....61 pipes
60.	8	French Horn...(pipes to remain at church, not to be revoiced).....73 pipes
61.	8	State Trumpet..unify present action.....73 pipes
62.		Solo Tremulant
63.	8 **	Trompette en Chamade..new pipes and action.....61 pipes
(**) Affected by intra-manual couplers only.		

SE 16
+(ECHO ORGAN) 4

64.	8	Cor de Nuit.....61 pipes
65.	8	Vox Angelica, II..present pipes rescaled.....122 pipes
66.	8	Vox Humana.....61 pipes
67.		Echo Tremulant
68.		Echo Chimes.....25 bells
69	*	Carillon.....61 notes
70.	*	Harp.....61 notes

PEDAL ORGAN 8

71.	32	Contra Diapason...#1-12 present electronic 20 from #73.....32 notes
72.	32	Contra Bourdon...#1-12 present electronic 20 from #74.....32 notes
73.	16	Diapason.....present pipes rescaled.....44 pipes
74.	16	Bourdon.....56 pipes
75.	16	Lieblich Gedackt..from #21.....32 notes
76.	16	Quintaton.....from #1.....32 notes
77.	16	Gemshorn.....from #22.....32 notes
78.	10-2/3	Quint.....from #74.....32 notes
79.	10-2/3	Gemshorn.....from #22.....32 notes
80.	8	Principal.....present 8 Octave, rescaled.....44 pipes
81.	8	Diapason.....from #73.....32 notes
82.	8	Bourdon.....from #74.....32 notes
83.	8	Quintaton.....from #1.....32 notes
84.	8	Gedackt.....from #21.....32 notes
85.	8	Gemshorn.....from #22.....32 notes
86.	4	Principal.....from #80.....32 notes
87.	4	Bourdon.....from #74.....32 notes
88.	4	Quintaton.....from #1.....32 notes
89.	IV	Mixture.....64 new pipes 64 present pipes, present action..128 pipes
90.	32	Grand Cornet, V.....
91.	32	Contre Bombarde..#1-12 present electronic 20 from #92.....32 notes

PEDAL ORGAN (continued)

92.	16	Bombarde.....	56	pipe
93.	16	Double Trumpet....from #18.....	32	note
94.	8	Bombarde.....from #92.....	32	note
95.	8	Trumpet.....from #19.....	32	note
96.	4	Bombarde Clairon..from #92.....	32	note

COUPLERS

97.	Great to Pedal 8	117.	Solo-Echo to Swell 16
98.	Great to Pedal 5-1/3	118.	Solo-Echo to Swell 8'
99.	Swell to Pedal 8	119.	Solo-Echo to Swell 4'
100.	Swell to Pedal 4	120.	Swell to Choir 16
101.	Choir to Pedal 8	121.	Swell to Choir 8
102.	Choir to Pedal 5-1/3	122.	Swell to Choir 4
103.	Choir to Pedal 4	123.	Nave to Solo 8
104.	Solo-Echo to Pedal 8	124.	Pedal to Solo
105.	Solo-Echo to Pedal 4	125.	Great 16
106.	Nave to Pedal 8	126.	Great Unison Off
107.	Swell to Great 16	127.	Great 4
108.	Swell to Great 8	128.	Nave Unison Off
109.	Swell to Great 4	129.	Swell 16
110.	Choir to Great 16	130.	Swell Unison Off
111.	Choir to Great 8	131.	Swell 4
112.	Choir to Great 5-1/3	132.	Choir 16
113.	Choir to Great 4	133.	Choir Unison Off
114.	Solo-Echo to Great 16	134.	Choir 4
115.	Solo-Echo to Great 8	135.	Solo Echo 16
116.	Solo-Echo to Great 4	136.	Solo Echo 4
		137.	All Swells to Swell (tilting tablet)

ADJUSTABLE COMBINATIONS -Solid State Logic - 32 Memories

Pistons No.	1-2-3-4-5-6-7-8	Affecting Great and Nave Organs
Pistons No.	1-2-3-4-5-6-7-8	Affecting Swell Organ
Pistons No.	1-2-3-4-5-6-7-8	Affecting Choir Organ
Pistons No.	1-2-3-4-5-6-7-8	Affecting Solo-Echo Organ
Toe Studs No.	1-2-3-4-5-6-7-8	Affecting Pedal Organ
	(duplicated by manual pistons)	
Pistons No.	1-2-3-4-5-6-7-8-9-10-11-12	Affecting Full Organ
	(duplicated by toe studs)	

General Cancel

Combination Adjustor

Combination Lock

Solid State Logic Control Panel

Corresponding Pedal Combination to Great Piston On-Off

Corresponding Pedal Combination to Swell Piston On-Off

Corresponding Pedal Combination to Choir Piston On-Off

Corresponding Pedal Combination to Solo-Echo Piston On-Off

REVERSIBLES

Great to Pedal - toe stud - manual piston
Swell to Pedal - toe stud - manual piston
Choir to Pedal - toe stud - manual piston
Solo-Echo to Pedal - toe stud - manual piston
Tutti - toe stud - manual piston - with indicator light
32' Contra Diapason - toe lever
32' Contra Bourdon - toe lever
32' Contra Bombarde - toe lever
All Swells to Swell - toe stud - manual piston - with indicator light

PEDAL MOVEMENTS

Balanced Expression Pedal - Swell Organ
Balanced Expression Pedal - Choir Organ (and Harp)
Balanced Expression Pedal - Solo-Echo Organ (and Bells)
Balanced Crescendo Pedal with indicator light (4 settings - 1 fixed and 3 adjustable)

ACCESSORIES

Present concave, radiating pedal clavier
Present organ bench with music shelf
New pedal light
New signal lights, Chancel, Narthex, Choir
Present console
Present motor and blower
New blower for State Trumpet, with blower enclosure
New action power unit
New ~~Present~~ motor starter switch for Main Organ.
New motor switch for State Trumpet

GENERAL

Present encasement and grilles to be retained without change.
New grilles for new Nave organ by others.
Church to box in wind lines for State Trumpet.

CPD/lf

5-6-91

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