

ORGAN #1092

Mr. E. H. Harriman,

Arden, N. Y.

Four Manual Organ introducing Aeolian Compound Windchest System

MANUAL I (Great)

3/4	✓ 1.	1	Diapason F	Open 44 ✓
	✓ 2.	21	Diapason (high) 4'	Octave 58 ✓
	✓ 3.	5	Diapason MF	Open 46 ✓
	✓ 4.	3	String F	Gamba 57 ✓
	✓ 5.	15	String P	Quintadena 6 ✓
	✓ 6.	7	String PP	Aeoline 63 ✓
4/6	✓ 7.	11	Flute F	Gross 31 E-37 ✓
3/11	✓ 8.	23	Flute P	Concert 31 Reg. 37 ✓
	✓ 9.	17	Flute (high) 4'	Hohl 32 52 ✓
3/8	✓ 10.	11	Trumpet	5" No mixing ✓
C	✓ 11.	9	Trumpet (deep) 16'	Baggato 5" - Mute 9' 6" ✓
4/6	✓ 12.	13	Clarinet	Free Reed ✓

MANUAL II (Swell)

	✓ 13.	57	Diapason F	8 Paper 45 ✓
	✓ 14.	28	String F	9 V. Orch 63 ✓
	✓ 15.	29	String P	10 Salicemul 58 ✓
	✓ 16.	37	String (vibrato) P	11 Ven. Celist 62 ✓
	✓ 17.	24	String (mixture) P	13 Reg 5Kk ✓
	✓ 18.	26	String PP	12 Aeoline 69 ✓
	✓ 19.	36	Flute P	14 Map 30 ✓
	✓ 20.	35	Flute (high) 4'	14 31. Harm Reg ✓
	✓ 21.	38	Flute (quintadena)	15 Reg ✓
	✓ 22.	25	Flute (deep) 16'	Bdn 28 - Mute 6' 6" ✓
3/8	✓ 23.	30	Trumpet	Concert 54 - No mixing ✓
H	✓ 24.	21	Oboe	Reg 10k ✓
3/7	✓ 25.	32	Vox Humana String (Vibrato)	Reg - No box steel & 63-49m ✓
M	✓ 26.	32	Vox Humana	" no box ✓

MANUAL III (Choir)
(Duplication of Manual I)

	27.	2	Diapason F
	28.	6	Diapason MF
	29.	22	Diapason (high) 4'
	30.	4	String F
	31.	16	String P
	32.	8	String PP
	33.	20	Flute F
	34.	24	Flute P
	35.	18	Flute (high) 4'
	36.	12	Trumpet
	37.	10	Trumpet (deep) 16'
	38.	14	Clarinet

MANUAL IV (Solo) - 10 inch pressure

	✓ 39.	20	Diapason	16 Open 40 ✓
	✓ 40.	41	Flute (Doppel)	2 notes larger than Reg - 33 ✓
W.	✓ 41.	40	Flute (high) 4'	2 " Concert 31 Reg 37 ✓
	✓ 42.	42	Piccolo 2'	18 Reg 31 Harm - 4p. Metal ✓
C	✓ 43.	43	Trumpet	6" - Mute to 6' 6" ✓
4/6	✓ 44.	44	Clarinet	Free Reed ✓
4/5	✓ 45.	45	Oboe	Orch - Free Reed ✓

Changed by F.T.

7 1/2 HP Organello 220 volts & Plans 60 cycles.
5/28 60 amp 12 volt elec spec. furnished.
53052 Starty furnished.

ECHO ORGAN *Compound*
(Playable from either Manual I or II) *

upper 49 from 1050

✓ 46. 53-54	Diapason	20	<i>Open 44-48 ✓</i>
✓ 47. 71-72	String F	21	<i>P. Stop 53 ✓</i>
✓ 48. 53-53	String P	22	<i>P. Stop 53 ✓</i>
✓ 49. 73-74	String (vibrato) P	23	<i>For Cal. 62 ✓</i>
✓ 50. 67-68	String (mixture) P	24	<i>Reg. 58 ✓</i>
✓ 51. 69-70	String PP	25	<i>Accl. 62 ✓</i>
✓ 52. 57-58	Flute	26	<i>St. Stop 39 ✓</i>
✓ 53. 59-60	Flute (high) 4'	27	<i>St. Stop 39 ✓</i>
✓ 54. 75-76	Flute (deep) 16'	28	<i>Adm. 28 - terminated ✓</i>
✓ 55. 61-62	Trumpet	29	<i>24" ✓</i>
✓ 56. 63-64	Oboe	30	<i>Reg. 58 ✓</i>
✓ 57. 65-66	Vox Humana	31	<i>Reg. 58 ✓</i>

*Also through the introduction of the Aeolian Compound Windchest system the stops of this Organ (44 to 55 inclusive) are available for duplication on either Manuals I or II at the same time, thus making this a complete organ in itself.

PEDAL ORGAN

✓ 58. 48	Diapason (deep) 16'	48	<i>Open 19 ✓</i>
✓ 59. 49	String (deep) 16'	49	<i>Violone Rec ✓</i>
✓ 60. 47	String F	47	<i>Yan to 57 ✓</i>
✓ 61. 51	Flute (deep) F 16'	51	<i>Adm. 18 ✓</i>
✓ 62. 52	Flute (deep) P 16' (from #22)	52	<i>Reg. 58 ✓</i>
✓ 63. 50	Flute	50	<i>Reg. 58 ✓</i>
✓ 64. 46	Trumpet (deep) 16'	46	<i>Tr. to 8" - 12" ✓</i>

Echo Pedal department

✓ 65. 77	Flute (deep) F 16'	77	<i>Adm. 18 ✓</i>
✓ 66. 78	Flute (deep) P 16' (from #54)	78	<i>Reg. 58 ✓</i>

PERCUSSION INSTRUMENTS

ALL PLAY FROM SW. & GT. IN AEOL CONSOLE

67. 3	Rocking Harp (Gallery Organ)—Augmented	61 Notes	✓
	(Playable from Choir Or Swell)		
68. 2	Harp (Echo Organ)—Augmented	61 Notes	✓
	(Playable from Choir or Swell)		
69. 3	Chimes (Gallery Organ)	20 "	✓
	(Playable from Solo or Great)		
70. 2	Chimes (Echo Organ)	20 "	✓
	(Playable from Solo or Great)		

KEYDESK ARRANGEMENT

COUPLERS

71.	✓ Swell to Great	
72.	✓ Swell to Choir	
73.	✓ Swell to Great Octaves	(Same)
74.	✓ Swell to Great Sub Octaves	(Same)
75.	✓ Swell Octaves	
76.	✓ Swell Sub-Octaves	
77.	✓ Swell to Pedal	
78.	✓ Swell Octaves to Pedal	
79.	✓ Swell Unison Release	
80.	✓ Great Octaves	
81.	✓ Great Sub Octaves	
82.	✓ Great to Pedal	
83.	✓ Great Octaves to Pedal	
84.	✓ Great Unison Release	

- 85. ✓Choir to Great
- 86. ✓Choir Octaves
- 87. ✓Choir Sub-Octaves
- 88. ✓Choir Unison Release
- 89. ✓Choir to Pedal
- 90. ✓Solo to Great
- 91. ✓Solo to Swell
- 92. ✓Solo to Choir
- 93. ✓Solo to Great Octaves
- 94. ✓Solo to Great Sub Octaves
- 95. ✓Solo Octaves
- 96. ✓Solo Sub Octaves
- 97. ✓Solo to Pedal
- 98. ✓Solo Unison Release
- 99. Echo Great Octaves
- 100. Echo Great Sub Octaves
- 101. Echo Swell Octaves
- 102. Echo Swell Sub Octaves
- 103. Echo Swell to Great Octaves
- 104. Echo Great to Pedal
- 105. Echo Swell to Pedal
- 106. Gallery Swell Silent)
- 107. Gallery Great Silent) Pedal stops and Couplers
- 108. Echo Swell Silent)
- 109. Echo Great Silent) stops and Couplers
- 110. Adjustable Coupler Combination
- 111. Coupler Release

ADJUSTABLE COMBINATION PISTONS
(Operating on Manual and Pedal stops)

- 112. Great Organ I
- 113. Great Organ II
- 114. Great Organ III
- 115. Great Organ IV
- 116. Great Organ Release
- 117. Swell Organ I
- 118. Swell Organ II
- 119. Swell Organ III
- 120. Swell Organ IV
- 121. Swell Organ Release
- 122. Choir Organ I
- 123. Choir Organ II
- 124. Choir Organ III
- 125. Choir Organ IV
- 126. Choir Organ Release
- 127. Solo Organ I
- 128. Solo Organ II
- 129. Solo Organ III
- 130. Solo Organ Release
- 131. Echo Organ (Swell) I
- 132. Echo Organ (Swell) II
- 133. Echo Organ (Swell) III
- 134. Echo Organ (Swell) IV
- 135. Echo Organ (Swell Release
- 136. Echo Organ (Great) I
- 137. Echo Organ (Great) II
- 138. Echo Organ (Great) III
- 139. Echo Organ (Great) IV
- 140. Echo Organ (Great) Release
- 141. General Release
- 142. Tutti I
- 143. Tutti II
- 144. Tutti III

Pedals }

ACCESSORIES

- 146. Sforzando Pedal
- 147. Tonal Pedal
- 148. Swell Expression Pedal
- 149. Great and Choir Expression Pedal
- 150. Solo and Echo Expression Pedal
- 151. Tutti Expression (Hook Pedal connecting Nos. 149 and 150 to No. 148)
- 152. ⁸¹ Great and Choir Organ Tremolo
- 153. ⁷⁹ Swell Organ Tremolo
- 154. ⁸⁰ Solo Organ Tremolo
- 155. ⁷⁸ Echo Organ Tremolo
- 156. Great to Pedal (Reversible Pedal)
- 157. Swell to Pedal (Reversible Pedal)
- 158. Solo to Pedal (Reversible Pedal)

AEOLIENNE CONSOLE

- 159. Normal)
- 160. Reverse) 116-note Music
- 161. Unison)
- 162. 58-note Music
- 163. Aeolienne Ventil
- 164. Aeolienne Tempo and Aeolienne Reroll
- 165. Great Organ Release
- 166. Swell Organ Release
- 167. Solo Organ Release { Solo upper Notes
- 168. Pedal Organ Release { lower "
- 169. Gallery Swell Organ Silent)) Also silencing Gallery
- 170. *out* { Gallery Great Organ Silent) Pedal stops and Couplers
- 171. Echo Swell Organ Silent)) Also silencing Echo
- 172. Echo Great Organ Silent) Pedal stops and Couplers
- 173. Great Organ Octaves
- 174. Great Organ Sub Octaves
- 175. Swell Organ Octaves
- 176. Swell Organ Sub Octaves
- 177. Solo Organ Octaves
- 178. Solo Organ Sub Octaves
- 179. *out* { Echo Swell Organ Octaves *Echo to Manual I*
- 180. Echo Swell Organ Sub-Octaves *" " " II*
- 181. Echo Great Organ Octaves
- 182. Echo Great Organ Sub Octaves

COMBINATION PISTONS

(Operating on Manual and Pedal Stops)

- 183. Great Organ I
- 184. Great Organ II
- 185. Great Organ III
- 186. Great Organ IV
- 187. Great Organ Release
- 188. Swell Organ I
- 189. Swell Organ II
- 190. Swell Organ III
- 191. Swell Organ IV
- 192. Swell Organ Release
- 193. Solo Organ I
- 194. Solo Organ II
- 195. Solo Organ III
- 196. Solo Organ Release

COMBINATION PISTONS (CONT'D)
(Operating on Manual and Pedal Stops)

197.	Echo Organ (swell) I
198.	Echo Organ (Swell) II
199.	Echo Organ (Swell) III
200.	Echo Organ (Swell) IV
201.	Echo Organ (Swell) Release
202.	Echo Organ (Great) I
203.	Echo Organ (Great) II
204.	Echo Organ (Great) III
205.	Echo Organ (Great) IV
206.	Echo Organ Release
207.	General Release
208.	Tutti I
209.	Tutti II
210.	Tutti III
211.	Tutti IV

ACCESSORIES

212.	Sforzando Pedal
213.	Tonal Pedal
214.	Swell Expression Pedal
215.	Great Expression Pedal
216.	Solo and Echo Expression Pedal
217.	Tutti Expression (Hook Pedal connecting Nos. 215 and 216 to No. 214)
218.	Great Organ Tremolo
219.	Swell Organ Tremolo
220.	Solo Organ Tremolo
221.	Echo Organ Tremolo

DETAILS OF CONSTRUCTION

- a POSITION: Main Organ to be located in Gallery at end of Hall and constructed so window will not be covered. Echo Organ to be located in room, near ceiling at opposite end of Hall, which shall be partitioned off and used exclusively for the Organ.
- b ORGAN CONSOLE: Console containing keyboards for organist to be located in Gallery back of front screen.
- c AEOLIAN CONSOLES: ^{Two} ~~Two~~ Aeolian Consoles to be provided; one located in Gallery near Organ console, and one to be located on Main Floor at some position hereafter to be determined.
- d CASEWORK: Casework for Organ and Consoles is not included in this contract but any display pipes (undecorated) required for Organ design are included. (Echo Organ will not require any special casework.)
- e BLOWING APPARATUS: Blowing apparatus with motor and motor generator for Organ to be located in Echo Organ room.
- f WIRING AND CONDUITING to be as follows, as per letter mailed to Carrere & Hastings January 19th, 1909.
- a Lights for Main Organ: One circuit of twelve light capacity to be placed in Main Organ Gallery. Switch to be located near entrance door from terrace. Position for lights to be determined later.
 - b Lights for Echo Organ: One circuit of twelve light capacity to be placed in Echo Organ room. Switch to be near entrance door and position for lights to be determined later.
 - c Light for Keyboards in Organ Gallery: One outlet box on each side of Organ Console. These to provide necessary lights for organist. Also another light above Pedal Keyboard which should be controlled by a separate switch.
 - d Light for Aeolian Console on Main Floor: One outlet box to be located near or under Console; the conduit must run from Echo Organ room and be connected to an automatic switch which shall be operated when the motor is started. This is to serve as pilot light for organist. We furnish lamp and fixture.
 - e Power Current: Two motors (4 hp and 1/2hp) which are provided by Organ builders, will be installed in Echo Organ Room. Wiring to these motors and switchboard or panelboard of three switches (one for main cut-out and one for each motor) is not included in our contract.
 - f Conduits: One 1/2 inch iron conduit to run from Aeolian Console on Main Floor to bellows in Echo Organ Room, and another 1/2 inch iron conduit to run from Console in Organ Gallery to bellows in Echo Organ room to carry wires for controlling starting switches. One 2 inch iron conduit to run from Organ Gallery to Aeolian Console on Main Floor. We furnish wire and switches.
 - g Windpipe: Provision to be made for a 4 inch windpipe to run from either the Organ Gallery or Echo Organ room to Aeolian Console on Main Floor; this conduit can be run from either place as found most convenient. Provision to be made for two 14 inch and one 9 inch windpipe to run over ceiling from Echo Organ room to Organ Gallery. These pipes are of galvanized iron and to be furnished by Organ builders.

Note. Light for Aeolian Console in Gallery which was not called for in above letter, should be provided also.

Organ to be completed not later than August 1910.