



Champaign, Illinois
800-397-3103
www.buzardorgans.com

**St. James Evangelical Lutheran Church, Logansport, IN
Carl Barckhoff, Salem, Ohio – 1883**

GREAT 58 notes, 1 slider chest in “N” configuration (1st 8 pipes of #-side offset)

16’ Bourdon 58 stopped wood; pine w/walnut caps; 1-44 FHWS in cap; 45-58 1 RHWS
in center of cap. Caps flush w/block 1-24; caps set below block 25-58
W D c.u. 1-8 on offset toeboards at sides of windchest, winded via zinc tubing

1	127 x 184	37	29 x 34	18	
13	73 x 89	37	49	17 x 20	9.5 (measurements in mm)
25	47 x 55	30	58	11 x 16	6

8’ Open Diapason 1-17 zinc in façade, slide tuners w/ wooden knob handles inside pipe;
Toeboard is attached directly to façade impost
18 engraved “42 CB Op Dia”

D	m.w.	c.u.	18-58 sm with scrolls, nicking in languids only
1	165	150	40 37 33 26 8
13	100	85	23 49 20 16 4.5
18	77	58	17 58 12 10.5 3
25	56	42	13

8’ Melodia 1-12 sw, 13-58 ow
pine w/walnut caps, caps set below block

1	83 x 94	45	25	40 x 48	11
12	50 x 63	25	37	25 x 30	8
13	60 x 72	17	49	13 x 17.5	5
			58	10 x 13	3

8’ Dulciana 1-12 grooved from Melodia; 13-58 sm, scroll-tuned, ears 13-36
13 engraved “55 CB Dul”, nicking in languid & lower lip

13	52	32.5	10	49	10.5	7.5	2
25	32	20	5.5	58	8	6	1.5
37	19	12.5	3.5				

8’ Viola di Braccio 1-17 zinc, 18-58 sm, ears 1-43, scroll tuned, box beards 1-36
18 engraved “51 CB Gamba”, nicking in languid & lower lip

1	110	82	22	37	21	18	6
13	66	49	14	49	12.5	10	3
25	38	30	9	58	9	7	2

GREAT, continued

4' Principal 1-5 zinc, 6-58 sm, slotted 1-36, originally cone tuned 37-58, ears 1-36
5 engraved "56 CB GR PR", nicking in languid only

<i>I</i>	77	55	19	37	17.5	14	4.5
<i>I3</i>	51	39	12	49	10.5	8	3
<i>25</i>	30	24	7	58	7	5	1.5

4' Flute d'Amour 1-34 sw (originally 1-36?), pine w/walnut caps
1-17 2 FHWS in cap; 18-34 1 RHWS in center of cap
35-58 sm (35 & 36 replacements 2007 Buzard)

<i>I</i>	46 x	56	19	37	22	16	4
<i>I3</i>	29 x	35	17	49	10	8	3
<i>25</i>	17 x	20	9	58	8	6	1.5

3' Twelfth 58 sm, slotted 1-17, 18-58 originally cone tuned, ears 1-27
1 engraved "62 CB 12", nicking in languid only

<i>I</i>	78	50	14	37	15	10.5	3
<i>I3</i>	39	30	10	49	8.5	6.5	1
<i>25</i>	23	18	5	58	6	5	

2' Fifteenth 59 sm, slotted 1-12, originally cone tuned 13-58
1 engraved "69 CB 15", nicking in languid only

<i>I</i>	48	39	12	37	10	8	3
<i>I3</i>	29	22.5	7	49	7	5	1.5
<i>25</i>	17	13.5	4	58	5	4	

III Mixture all 3 ranks 1-58 sm, 1-12 of Rank I originally cone tuned
1 of each rank engraved – I "70 CB Mix;" II "65 CB Mix;" III "70 CB Mix"
25 of Rank I engraved "68 CB Mix"
1-24 = 15,19,22; 25-43 = 12,15,19; 44-58 = 8,12,15
(Second break originally at F42?)

	Rank I			Rank II			Rank III		
<i>I</i>	46	35	10.5	29	23	7	28.5	21	6
<i>I3</i>	27	21	7.5	18	14	4	17	13	3.5
<i>24</i>	17.5	13	3.5	10.5	8	2	11	7.5	2.5
<i>25</i>	17	14	4	16	13	4	10	8	2.5
<i>37</i>	11	7.5	2	9	7.5	1.5	7	5	1.5
<i>42</i>	9	6	2	8	6.5	1.5	6	4	
<i>43</i>	12	10	3	8.5	6.5		8	5	
<i>49</i>	9	7	1.5*	6.5	4.5		7	5	
<i>58</i>	6.5	5		5	4		4	3	

*Buzard replacement 2007

8' Trumpet installed 2004; 1-49 reeds, zinc & sm; 50-59 slotted sm flues
CCC block stamped "EOP E746"
Harmonic from C#38-C49; Overlength boots 21-32
Tapered shallots, tapered shallot openings

<i>I</i>	120	<i>I3</i>	95	<i>25</i>	75	<i>37</i>	66	<i>38</i>	65	<i>49</i>	57	<i>50</i>	14	11	3	<i>58</i>	10.5	7.5	2.5
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SWELL 58 notes, 1 slider chest in "N" configuration (1st 8 pipes of #-side offset)
 Balanced Swell pedal, on right side of knee panel, 12 vertical shutters

8' Swell Diapason 1-12 grooved from Rohr Flute, 13-17 zinc, 18-59 sm, slotted
 18 engraved "43 CB Sw Op"
 Parallel nicks in both languid and lower lip (spaced 2mm at C13)

13	90	70	19	49	18	14	4
25	54	41	12	58	12	10	2
37	32	25	7.5				

8' Rohr Flute 1-58 sw (no holes in stoppers), pine with walnut caps
 1-36 FHWS in cap; 37-58 1 RHWS in center of cap.
 Caps flush w/block 1-24; caps set below block 25-58
 Light nicking in flue, none in cap

1	70 x 90	32	37	21.5 x 28.5	10.5
13	55 x 66	27	49	15 x 20	5
25	35 x 43	18.5	58	12 x 16.5	3.5

8' Salicional 1-12 sw, 13=58 sm spotted, 13-58 nicking in languid only
 13 engraved "65 CB Sal"
 1-12 pine with oak caps, set flush with block, nicking in block only

1	65 x 74	30	25	31.5	24	7
12	41 x 48	21	37	19	15	3.5
13	53	41	13	49	11	8
				58	7.5	5.5

4' Fugara 1-5 zinc, 6-58 sm, slotted, ears 1-36
 6 engraved "60 CB Fuga"
 49-58 originally cone tuned, nicking in both languid & lower lip

1	75	47	14	37	14	10.5	3
13	44	29	9	49	9	7	1.5
25	36	19	6	58	6	4.5	

4' Harmonic Flute 1-5 zinc, 6-58 sm, harmonic 35-58, slotted
 ears 1-36, nicking in both languid and lower lip
 arched cutups (measurement to center of cutup)

1	68	43	16	37	22	17	7
13	53	38	14	49	14	11	3
25	36	26	12	58	9	7	3

2' Principal (replacement stopface)
 13-58 spotted metal
 Pipes stamped "PRIN", slide tuners

13	25	13	6	49	8	8	2
25	19	15	4	58	6	6	1.5
37	11	11	3				

8' Oboe zinc & sm, 1-49 reeds, 50-58 sm slotted
 Resonators full length, 1-8 knuckle mitered
 Tapered shallots, tapered shallot openings (widened 1912)
 New tongues & lifting lids (1-17) Buzard 2007

	1	13	25	37	49	50	14	10	3
Diameter	75	65	48	41	34	58	9	7	2.5
Stem length		708	343	155	54				
Bell length		357	165	85	60				

PEDAL 27 notes, two chromatic slider chests (1-10 & 11-27)
Chests arrayed at right angles to manual chests

16' Open Diapason 1-27 open wood
caps flush with block, no nicking
1-18 extended (wooden) lower lip

I 178 x 228 59
I3 102 x 127 50
25 56 x 75 31

16' Sub Basse 1-27 stopped wood
Caps flush with block, no nicking
1-12 wooden ears

I 136 x 185 59
I3 84 x 113 43
25 52 x 69 27

8' Violoncello 1-17 zinc, 18-27 sm, ears 1-27, narrow scrolls
nicking in languid only
18 engraved "46 CB Cello"

I 130 88 29
I3 73 54 14
25 43 34 10

Double-rise reservoir, feeder bellows have been removed.

Circular wind indicator in nameboard – "J.E. Treat, Boston Pat. June 5, 1877"

Spencer Orgoblo #9140 2 HP, 1200 rpm, 4" wp
"Fans 25" 25" "

Trumulant to Swell (pneumatic dump), with tubular pneumatic stop action

Coupler Gt. to Ped.
Coupler Sw. to Ped.
Coupler Sw. to Gt.

Flat, non-radiating pedalboard

Unlabeled combination pedals
Great to Pedal
Great Piano
Great Forte

Bellows Signal (deactivated)