

# BIGELOW OPUS 41 - IN PROCESS

Renovation/enlargement of W. Zimmer, Opus 245 (1980), "Dr. Paul G. Bunjes, consultant"

## 2024 REVISION

ZION EVANGELICAL LUTHERAN CHURCH  
SALT LAKE CITY, UTAH

2 manuals, 28 voices, 38 ranks



<u>GREAT Man. I</u>	<u>CHOR Man. II</u>	<u>SWELL Man. II</u>	<u>PEDAL</u>
16 <u>Lieblich Ged.</u> (Sw)	<i>enclosed</i>	<i>enclosed</i>	32 <b>Akustikbass</b> (Prestant)
8 <u>Prestant</u>	8 <u>Rohrgedackt</u>	16 <u>Gemshorn</u> (1-12 = Lieb. Ged.)	16 <b>Prestant</b> (Gt., 1-12 new open wood)
8 <u>Barduen</u>	4 <u>Principal</u>	8 <u>Lieblich Gedackt</u>	16 <u>Subbass</u>
8 <u>Gemshorn</u> (Sw)	2 2/3 <b>Nasat</b> (Sesq)	8 <u>Viola</u>	16 <u>Lieblich Gedackt</u> (Sw)
4 <u>Octave</u>	2 <u>Blockflöte</u>	8 <u>Gemshorn</u>	8 <u>Offenbass</u>
4 <u>Rohrflöte</u>	II <u>Sesquialtera</u>	8 <u>Gems. Celeste, TC</u>	8 <u>Lieblich Gedackt</u> (Sw)
2 <b>Super Octave</b>	1 <u>Gemshorn</u> (Sw)	4 <u>Querflöte</u>	8 <u>Gemshorn</u> (Sw)
2 <u>Offenflöte</u>	III <u>Scharff</u>	4 <u>Viol-Octave</u> (ext.)	5 1/3 <u>Gedackt-Quint</u> (Sw)
III-IV <u>Mixtur</u>	8 <u>Dulzian</u>	4 <u>Gemshorn</u>	4 <u>Choralbass</u>
8 <u>Trompete</u>	<u>Tremulant</u>	4 <u>Oboe</u>	4 <u>Querflöte</u> (Sw)
Chor to Great 16	Chor to Chor 16	Tremulant	2 <b>Diskant-Flöte</b> (So)
<u>Chor to Great</u> 8	<b>Tremulant Stronger</b>	Swell to Swell 4	II <u>Mixturbass</u> (2 2/3, 2')
Swell to Great 8	Combine Chor &	Unison Off	II <u>Rauschbass</u> (1 1/3, 1')
Swell to Great 4	Swell Pistons	Cresc. Becomes	16 <u>Zinkbass</u> (cylindrical)
Electric Coupling (affects Ch/Gt 8)		Swell Expression	8 <b>Trompete</b> (Gt)
Ventil - reversible piston turns off Great stops and Ch/Gt couplers, so Great manual can be quickly converted to Swell only.			8 <u>Oboe</u> (Sw)
		<u>SOLO Man. II</u>	<u>Great to Pedal</u> 8
		8 <b>Diskant-Flöte</b> (A2-G5)	<u>Chor to Pedal</u> 8
		IV <b>Cornet</b> (A2-F5)	<u>Chor to Pedal</u> 4
		16 <b>Trompete, TC</b> (Gt)	<u>Swell to Pedal</u> 8
		8 <b>Trompete</b> (Gt)	<u>Solo to Pedal</u> 4
		8 <u>Oboe</u> (Sw)	Ventil - reversible toe stud turns off Pedal stops (couplers stay on).
		<b>Solo Transfer to Great</b>	
		<b>Tremulant Great &amp; Solo</b>	

LEGEND
Black = currently functional (Phases 1 and 2)
<u>Underlined</u> = original
Blue = original, to be modified in some way*
Red = awaiting final completion (Phases 3-5)

\*Trompete moved to new electro-pneumatic chest.  
Principal revoiced from original Harfen-Prinzpal.

61/32 notes – AGO pedalboard.

Manual keys: ebony naturals, maple sharps capped with white plastic

Mechanical key action for all unborrowed stops of Great and Pedal, including Gt. Prestant (despite borrow to Pedal), and all Chor stops. Electro-pneumatic action for all others.

Original slider chests (Great, Chor, Pedal) have electro-pneumatic stop action.

Multi-level combination action.

Mechanically operated louvers enclosed Chor division. Electrically operated louvers enclose Swell division and are normally controlled by the Chor expression shoe. When "Cresc. Becomes Swell Expression" is on, Crescendo function is disabled and Swell expression is controlled by the Crescendo pedal.

Zimbelstern (5 bells).