

BIGELOW OPUS 41 - IN PROCESS
Renovation/enlargement of W. Zimmer, Opus 245 (1980), "Dr. Paul G. Bunjes, consultant"

ZION EVANGELICAL LUTHERAN CHURCH
 SALT LAKE CITY, UTAH

2 manuals, 28 voices, 38 ranks
 Gray type indicates stops/features as yet prepared



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

Blue type = original stops
 Green type = original stops, modified:
 Trompete moved to e-p chest;
 Principal revoiced from Harfen-Prinzipal;
 Dulzian 1-12 moved to e-p chest.

61/32 notes – AGO pedalboard.
 Manual keys: ebony naturals, maple sharps capped with white plastic
 Mechanical key action for all unborrowed stops of Great, Chor, and Pedal, including Gt. Prestant, despite borrow to Pedal. Electro-pneumatic action for all others (and bass octave of Ch. Dulzian).
 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).