

# STAMBAUGH

## AUDITORIUM

Interested in playing the historical E.M. Skinner Organ Opus 582?

**Contact us to schedule an appointment:**

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### *History of the E.M. Skinner Organ Opus 582*

Founded in 1901 by Earnest M. Skinner (1866-1960), the Skinner Organ Company of Boston was the organ builder of choice for the most prestigious churches, schools, and civic institutions in America.

The many amenities at Stambaugh included a magnificent pipe organ. In the 1920s no public auditorium was considered truly complete without such an instrument, and Youngstown's new facility was certainly no exception. The tradition of large municipal pipe organs dates back hundreds of years to the great halls of Europe, where cities vied with each other to possess the largest and finest instrument in the surrounding area. These instruments were the source of much municipal pride then as now. The presence of a large pipe organ at Stambaugh Auditorium helped "put Youngstown on the map" musically speaking.

Skinner Organ Company's Opus 582 was built especially for Stambaugh Auditorium, and the organ chambers were expressly designed for this instrument and for the type of mechanism used by this distinguished builder. The Skinner firm's pipe-shop notes indicate that the specification of the instrument was recorded on February 15th, 1926, which suggests that the organ was entirely the design of Ernest M. Skinner, the greatest builder of his time.

Skinner Organs were (and still are) known for their distinguished tonal resources, uniquely suited to accompanying a large orchestra, a great chorus or a singly human voice, and for rendering much of the literature written for the pipe organ.



#### *Acknowledgments:*

**A. Thompson-Allen Company, New Haven, Connecticut**  
*{Restoration of E.M. Skinner Opus 582, 2009-2011}*

**Broome and Company, LLC, East Granby, Connecticut**  
*{Restoration of all reeds, voiced, and regulated}*

**Richard Houghten and Associates, Milan, Michigan**  
*{Restoration of console shell, new concealed castors, keyboards, new console low voltage cable and electric switch, storage trough for cable}*

## **GREAT** Unenclosed, 7 ½" Wind; 61 Notes

### **16' Diapason**

*Zinc and linen lead; 42 scale at 8'; 1/5th mouths; 1-12 on 6" pressure*

### **16' Bourdon**

*1-56 from Pedal; 57-61 open linen lead; 5 pipes*

### **8' First Open Diapason**

*Zinc and linen lead; 42 scale; 1/5th mouths; 1-49 leathered*

### **8' Second Open Diapason**

*Zinc and linen lead; 42 scale; 2/9th mouths*

### **8' Claribel Flute**

*1-12 stopped wood; 13-36 open wood; 37-61 open planed common metal*

### **8' Erzähler**

*Zinc and planed common metal*

### **4' Octave**

*Zinc and linen lead, 56 scale; 1/5th mouths*

### **4' Flute**

*#1- zinc and planed common metal; harmonic (triple bore) at 1'C*

### **2 2/3' Twelfth**

*Spotted metal; 64 scale; 1/5th mouths; slotted in bass*

### **2' Fifteenth**

*Spotted metal; 70 scale; 1/5th mouths; slotted in bass*

### **IV Mixture (12-15-19-22)**

*A14- Skinner; all 1/5th mouths, slotted in bass; 244 pipes*

### **16' Ophicleide 10" pressure; in Choir box**

*Lowest 6 wood; zinc and Hoyt metal; harmonic at 2' F#; 4 ¼" at 8' C*

### **8' Tuba 10" pressure; in Choir box**

*Zinc and Hoyt metal; harmonic at 2' F#; 5" at 8' C*

### **4' Clarion 10" pressure; in Choir box**

*Zinc and Hoyt metal; harmonic at 4' F#; 3 ¾" at 4' C*

### **Chimes**

*20 tubes; in Swell box*

## **CHOIR** Enclosed; 6" Wind; 73 Notes

### **16' Gamba**

*Zinc and spotted metal; 50 scale at 16' C; 1/6th mouths*

### **8' Diapason**

*Zinc and linen lead; 46 scale; 1/5th mouths*

### **8' Concert Flute**

*1-12 stopped wood; 13-36 open wood; 37-61 harmonic (triple bore)  
open planed common metal; 62-73 open planed common metal*

### **8' Kleine Erzähler II**

*Common; celeste rank t.c; 134 pipes*

### **8' Gamba**

*Zinc and spotted metal; 50 scale; slotted reverse taper*

### **4' Flute**

*#1- zinc and planed common metal; harmonic (triple bore) at 1'C*

### **2 2/3' Nazard**

*Spotted metal; slotted in bass; tapered; 61 pipes*

### **2' Piccolo**

*Common; 61 pipes*

### **1 3/5' Tierce**

*Spotted metal; slotted in bass; breaks back one octave at C#5; 61 pipes*

### **8' Clarinet**

*Common*

### **8' Orchestral Oboe**

*Common*

### **Harp and Celesta**

*61 bars*

### **Tremolo**

**SOLO** Enclosed; 7 ½" Wind-pressure; 73 Notes**8' Harmonic Flute***Zinc and planed common metal; harmonic (triple bore) at 1' C***8' Gross Gamba***Zinc and spotted metal; 50 scale; slotted; reverse taper***8' Gamba Celeste***Zinc and spotted metal; 50 scale; slotted; reverse taper***4' Orchestral Flute***1-49 open wood; harmonic at 2' C; 50-73 open planed common metal***8' French Horn 15" wind pressure***6" at 8' C; 49 reed pipes***8' Corno di Bassetto***Common; with bells***8' Tuba Mirabilis 25" wind pressure***Zinc and Hoyt metal; harmonic at 4' F#; 61 reed pipes; 5" at 8' C***Chimes****SWELL** Enclosed; 7 ½" Wind-pressure; 73 Notes**16' Bourdon***1-61 stopped wood; deep bass; 62-73 open planed common metal***8' Diapason***Zinc and linen lead; 44 scale; 1/5th mouths***8' Gedeckt***Willis-style Rohrflute- 1-12 stopped wood; 13-61 planed common metal with bored wood stoppers; 62-73 open planed common metal; original pipes missing; stop replaced with identical Skinner Rohrflute from Op. 656***8' Salicional***Spotted metal; 62 scale***8' Voix Celeste***Spotted metal; 62 metal***8' Flauto Dolce***Zinc and planed common metal; 1/6th mouths***8' Flute Celeste***Zinc and planed common metal; 1/6th mouths; 61 pipes, t.c.***4' Octave***Zinc and linen lead; 58 scale; 1/5th mouths***4' Flute Triangulaire***Common***V Mixture (15-19-22-26-29)***A12- Willis; spotted metal; all 1/5th mouths; slotted in bass; 365 pipes***16' Posaune***Lowest 6 wood; zinc and Hoyt metal; harmonic at 2' F#; 4 ¼" at 8' C***8' Cornopean***Zinc and Hoyt metal; harmonic at 2' F#; 5" at 8' C***8' Corno d'Amore***Common; capped, no bells***8' Vox Humana***Common***4' Clarion***Zinc and Hoyt metal; harmonic at 2' F#; 3 1/8" at 4' C***Tremolo**

## PEDAL

6" Wind-pressure; Augmented; 32 Notes

### 32' Resultant

*Unison from Diapason; Quint from Bourdon; Diapason 16' C2-G3*

### 16' Diapason

*Open wood; 20 ½" deep; 17 5/8" wide at 16' C; 32 pipes*

### 16' Violone

*1-12 bearded wood; 13-44 bearded zinc and spotted metal;*

*10- ½" deep; 8" wide at 16' C; 32 pipes*

### 16' Bourdon

*1-49 stop'd wood; 50-61 open linen lead; 11" deep; 9 ½" wide at 16' C; 32 pipes*

### 16' Echo Bourdon

*From Swell*

### 16' Gamba

*From Choir*

### 10 2/3' Quint

*From Pedal Bourdon*

### 8' Octave

*From Pedal Diapason; 12 pipes*

### 8' Cello

*From Pedal Violone; 12 pipes*

### 8' Gedeckt

*From Pedal Bourdon; 12 pipes*

### 8' Still Gedeckt

*From Swell Bourdon*

### 4' Flute

*From Pedal Bourdon; 12 pipes*

### 3 1/5' Tierce

*From Swell Bourdon*

### 2 2/7' Septième

*From Swell Bourdon*

### 32' Bombarde

*1-12 20" pressure; 13-68 10" pressure*

*1-12 wood; 20" wide and 20" deep; no starters; 32 pipes*

### 16' Trombone

*13-24 wood; 25-68 zinc and Hoyt metal; 5" at 8' C; 12 pipes*

### 16' Posaune

*From Swell*

### 16' Ophicleide

*From Great*

### 8' Tromba

*From pedal Trombone; 12 pipes*

### 4' Clarion

*From Pedal Trombone; 12 pipes*

### Chimes

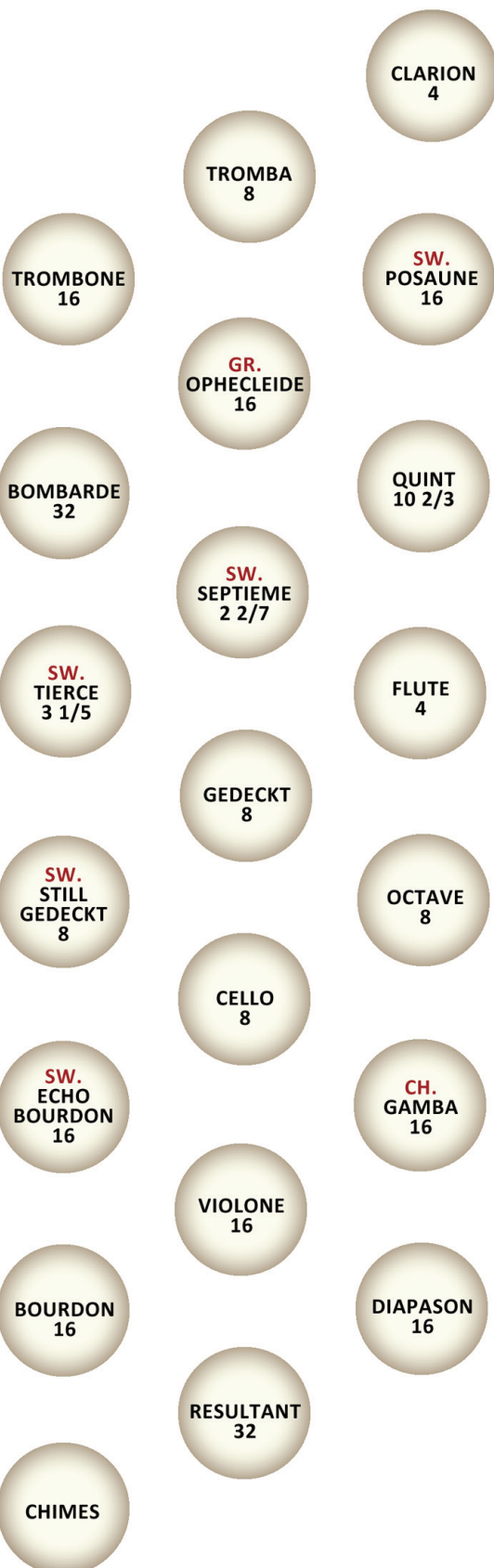
*3,905 pipes*

*4 Manuals*

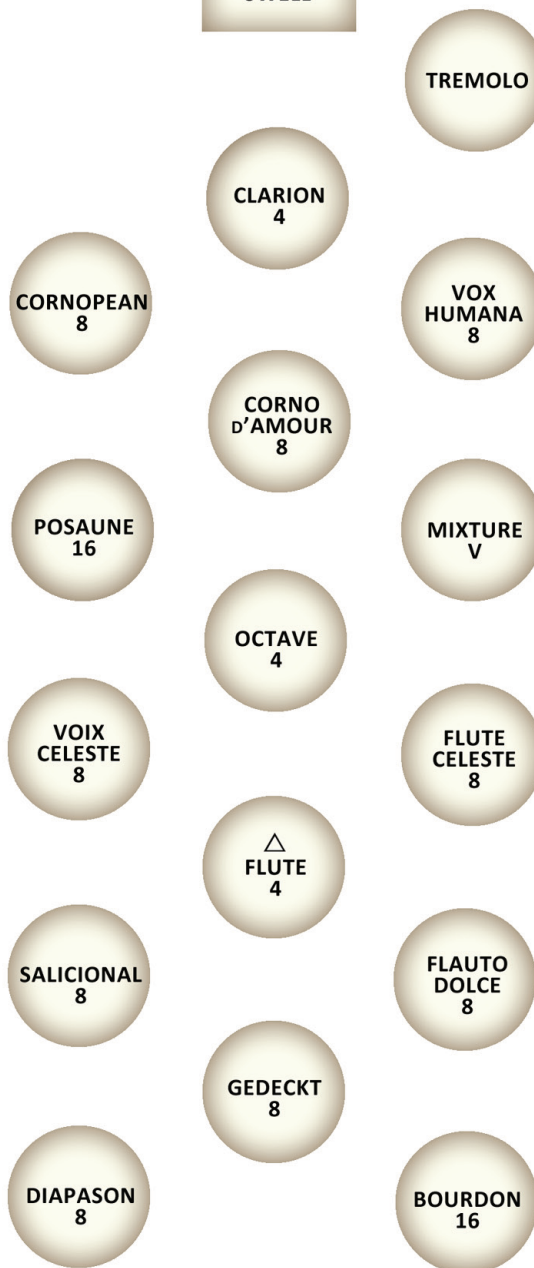
*58 ranks*

*67 stops*

PEDAL



SWELL



STAMBAUGH  
AUDITORIUM

SKINNER  
ORGAN  
OPUS 582

LEFT STOPS



SOLO

TREMOLO

TUBA  
MIRABILIS  
8

CORNO  
diBASSETTO  
8

FRENCH  
HORN  
8

ORCHESTRAL  
FLUTE  
4

GAMBA  
CELESTE  
8

GROSS  
GAMBA  
8

HARMONIC  
FLUTE  
8

CHIMES

STAMBAUGH  
AUDITORIUM

SKINNER  
ORGAN  
OPUS 582

RIGHT STOPS

GREAT

CLARION  
4

TUBA  
8

OPHECLEIDE  
16

MIXTURE  
IV

FIFTEENTH  
2

TWELFTH  
2 2/3

OCTAVE  
4

FLUTE  
4

ERZÄHLER  
8

CLARIBEL  
FLUTE  
8

SECOND  
DIAPASON  
8

FIRST  
DIAPASON  
8

PED.  
BOURDON  
16

DIAPASON  
16

CHIMES

CHOIR

TREMOLO

CLARINET  
8

ORCHESTRAL  
OBOE  
8

TIERCE  
1 3/5

PICCOLO  
2

NAZARD  
2 2/3

FLUTE  
4

GAMBA  
8

KLEINE  
ERZÄHLER  
8

CONCERT  
FLUTE  
8

DIAPASON  
8

GAMBA  
16

CELESTA

HARP