



**ANNUAL CONVENTION
OF THE
AMERICAN INSTITUTE
OF
ORGANBUILDERS**



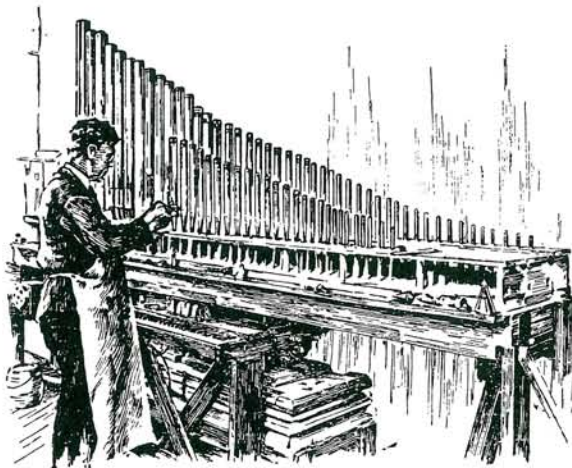
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THE AMERICAN INSTITUTE OF ORGANBUILDERS

**ANNUAL CONVENTION
OCTOBER 8-11, 1989
WORTHINGTON HOTEL
FORT WORTH, TEXAS**

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Special Arrangements

Convention Information

Time Pre-Convention activities begin on Saturday, October 7 at 9:00 a.m. with the AIO Exam Review session, and the AIO Exams at 1:00 p.m. Registration opens on Sunday at 1:00 p.m. The official opening of the convention is 9:00 a.m. Monday, October 9, and the conclusion is Wednesday, October 11. A post-convention tour of organs in Dallas is optional for Thursday, October 12.

Place All lecture sessions, business meetings, and exhibits will be at The Worthington Hotel, Grand Ballroom on the second level. A hotel registration card is enclosed. A block of hotel rooms will be held at the special convention rate only until September 16, after which the availability of rooms cannot be assured. The hotel registration card must be received *before September 16th*.

Cost An early registration discount is offered to members and non-members whose registration forms are postmarked before August 15th. After that date, member registration is \$215.00 and non-member registration is \$255.00. Rates for spouse and one-day registrations are listed on the registration form.

All convention fees are refundable minus a \$25.00 service charge if cancelled in advance. Hotel rooms and charges are not included in the registration fee.

Meals All meals from the Sunday evening buffet to the closing banquet are included in the convention registration, except for dinner Tuesday evening. A complimentary continental breakfast will be provided by the exhibitors, Monday through Wednesday.

Tuesday evening dinner is available within the hotel at the Brasserie La Salle or Reflections, or at one of the nearby Sundance Square restaurants.

Anyone with restricted diet requirements should inform a member of the Convention Committee or the Registration desk attendant, 24 hours in advance, to make special arrangements.

Transportation Bus transportation will be provided from The Worthington to all events not held at the hotel. Transportation will also be available for the preconvention activities on Sunday afternoon.

American Airlines has been selected as the official carrier for The Convention. You may phone toll free 1-800-433-1790, refer to Star File #S-03094P and reserve your flights with substantial savings over the regular ticket price.

Transportation between the Dallas/Fort Worth International Airport and the Worthington Hotel can be provided by *The T* (Fort Worth Transit Authority). Phone 817-334-0092 for information. Transportation is also available through *Super-Shuttle* (817-329-2000), and by taxicabs.

Brochure Extra copies of the convention brochure will be available at the registration desk for \$5.00 each. Please bring your copy with you!

Management The 1989 Annual Convention of the American Institute of Organbuilders is an official activity of the A.I.O. It has been organized in cooperation with the A.I.O. Convention Planning Committee, Dennis Unks, Chairman. Inquiries regarding the convention may be directed to the 1989 Convention Chairman, Roy Redman, at 816 East Vickery Boulevard, Fort Worth, Texas 76104, telephone 817-332-2953.

Cover Photo: © W. D. Smith, Inc.

About the A.I.O.

Objectives and History

The American Institute of Organbuilders (A.I.O.) is made up of professional organbuilders who actively wish to advance the science and practice of organ building in America by discussion, inquiry, research, experiment, and other means. We further wish to disseminate this knowledge by lectures, publications, and the exchange of information.

In 1973, a group of professional organbuilders met in Washington, D.C. to explore the possibility of a viable professional organization. A provisional board of directors was established and a constitution committee was appointed. In September 1974, a convention was held in Dayton, Ohio which adopted a constitution and bylaws, signed charter members, and elected a Board of Directors.

The annual conventions of the A.I.O. conduct pertinent business and sponsor technical lectures and symposiums by distinguished members of the profession. Suppliers to the industry are given an opportunity to display their materials, and sufficient time is available for individuals to meet and exchange useful information.

Membership

There are two classes of membership. Individuals who have five or more years professional experience in organ building, and who subscribe to the objectives of the Institute, may be nominated by a charter or regular member of the A.I.O. for *Regular Membership*, utilizing the current approved membership application form. References by at least two additional persons who are regular or charter members of the Institute are also normally required. Nominees become regular members upon acceptance by the Board and payment of the joining fee and the first year's dues. Regular Members are eligible to vote and hold office in the A.I.O.

Individuals who are professionally engaged in organ building (with less than five years full-time professional experience), and who subscribe to the objectives of the Institute, may be nominated by a charter or regular member of the A.I.O. for *Associate Membership*, utilizing the current approved membership application form. Nominees become Associate Members upon acceptance by the Board and payment of the joining fee and first year's dues. Associate Members shall not vote. Associate Members may apply for Regular Membership upon completion of at least five years professional experience in organ building. Payment of an additional joining fee is not required.

Dues

Membership dues for regular and Associate members is Forty Dollars (\$40.00) payable in the last quarter of each year, in advance of January 1st of the following year. In addition, a one-time joining fee of \$50.00 is required of all successful applicants.

The sum of \$25.00 must accompany any nomination for membership. When the nominee is approved for membership, that deposit will be credited to the joining fee. Should the nominee not be so approved, the \$25.00 will be returned.

An Invitation

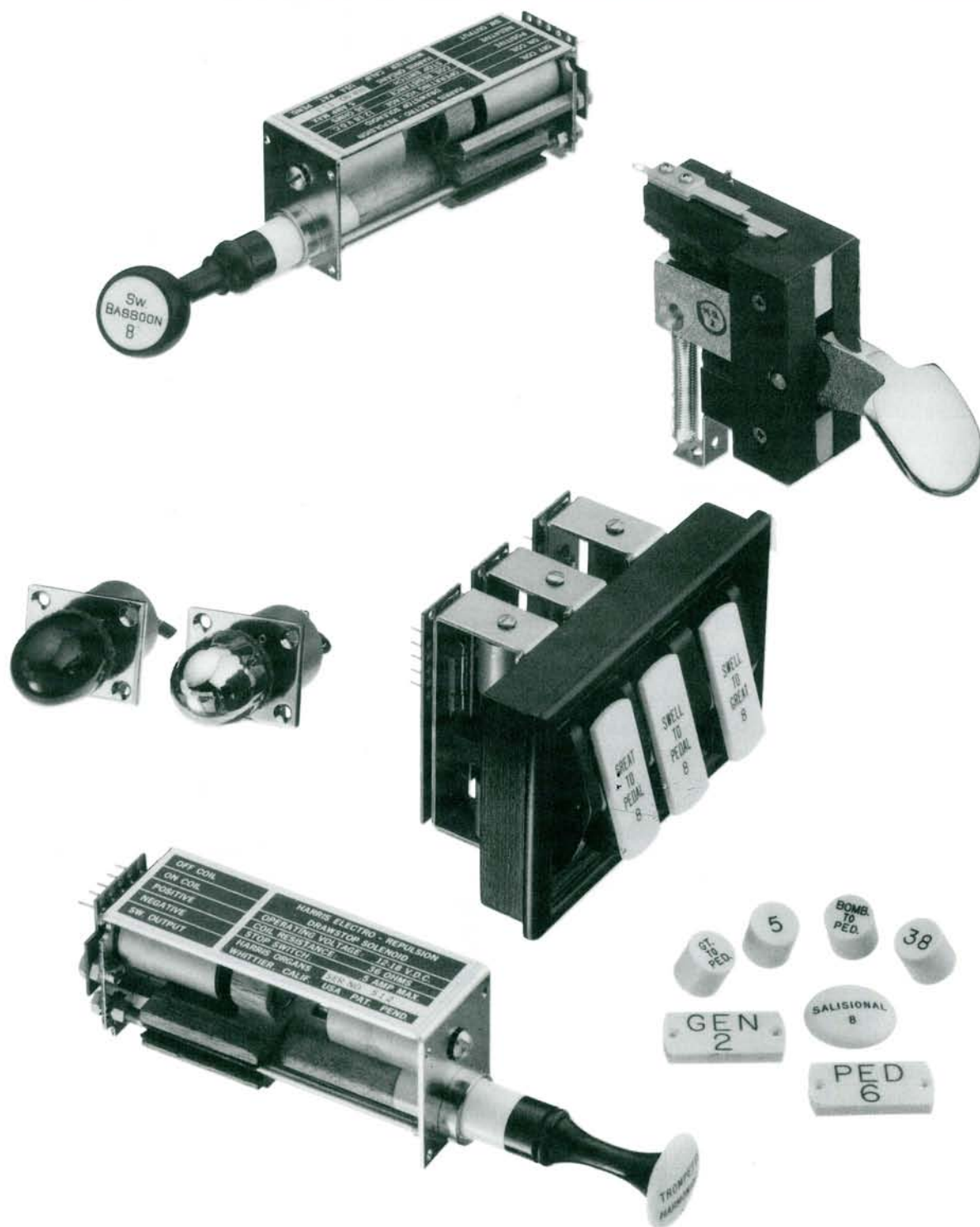
We invite all qualified organbuilders to contact Howard Maple, A.I.O. Executive Secretary, for an application.

American Institute of Organbuilders

P.O. Box 130982

Houston, Texas 77219

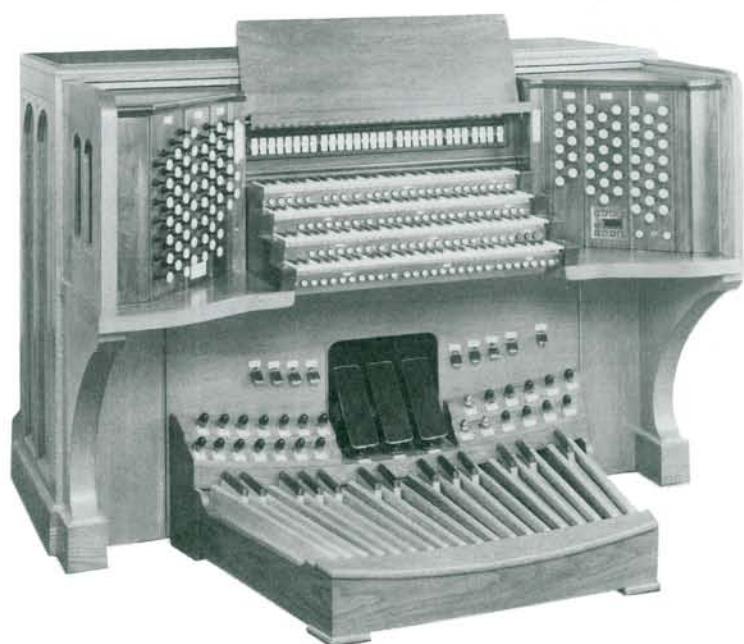
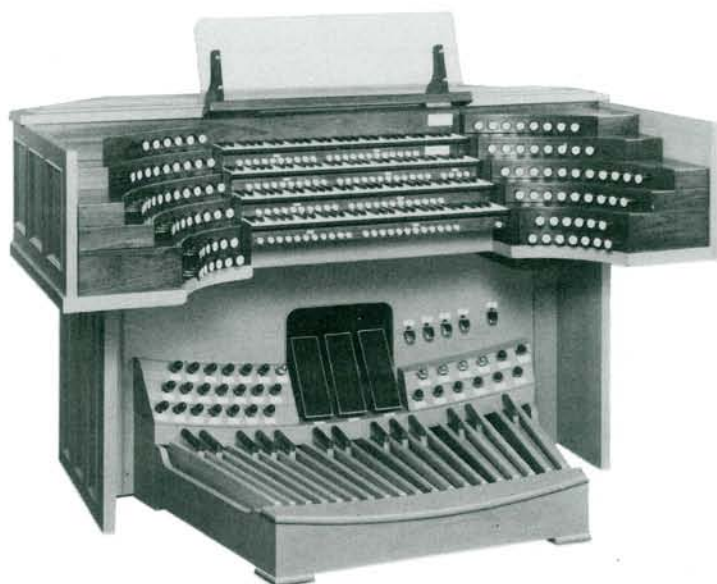
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Schedule of Events

Saturday, October 7

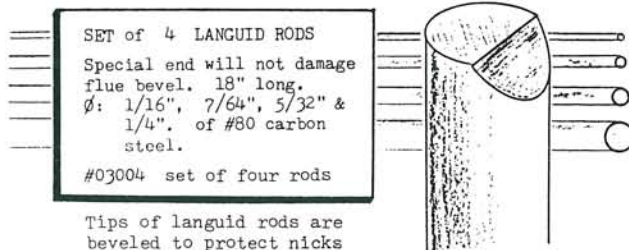
9:00 a.m.	Examination Review Session, Live Oak Room
12:00 Noon	Lunch on your own
1:00 p.m.	AIO Exams for AIO Journeyman and Master, Red Oak Room
1:30 p.m.	Examination Review Session continued, Live Oak Room

Sunday, October 8

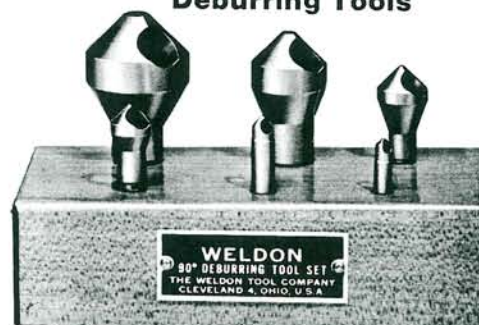
8:00 a.m.	Exhibitors may begin to set up displays
9:00 a.m.	AIO Board of Directors Meeting, Board Room
1:00 p.m.	Registration Desk opens (The Worthington Foyer, second level) Brunch is available at the hotel at your expense (served on the Bridge from 10:00 a.m.-2:30 p.m.)
1:00 p.m.-5:00 p.m.	Rotating shuttle bus service from the hotel to the Oktoberfest Celebration, the Kimball Art Museum, and the Botanic Gardens and Conservatory
5:00 p.m.	Exhibits open; Cash Bar open
6:00 p.m.-7:30 p.m.	Buffet supper
7:30 p.m.	Joint AGO/AIO mixer (Grand Ballroom Rooftop Terrace) Dessert will be served at 9:00 p.m.
11:00 p.m.	Exhibits close; Cash Bar closes

Monday, October 9



	Exhibits open 8:00 a.m.-12:00 Noon, 1:30 p.m.-6:00 p.m. & 10:00 p.m.-11:00 p.m.
7:30 a.m.	Continental Breakfast (The Worthington Foyer)
9:00 a.m.-10:00 a.m.	Welcome and Business Meeting
10:30 a.m.-12:00 Noon	Lecture I— <i>Electricity in Organ Building, Part I.</i> Lectures presented by specialists from the AIO and APOBA, coordinated by Jack Bethards. Lectures will focus on changes in the all-new National Electrical Code which becomes effective January 1, 1990, with practical examples and a common sense approach useful to builders of all types of organs using electricity in any way.
12:00 Noon	Lunch
1:30 p.m.-3:00 p.m.	Lecture II— <i>Electricity in Organ Building, Part II.</i>
3:30 p.m.-5:00 p.m.	Lecture III— <i>Should wiggly wind be given a fair shake?</i> Stephen Dieck from C. B. Fisk, Inc. discusses one builder's trials and tribulations in the pursuit of the "perfect" wind system.
5:00 p.m.-6:00 p.m.	Cash Bar open
6:00 p.m.	Dinner



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Tuning knives for reed pipes

#04000	5x15x300mm		OF SOLID BRASS
#04100	5x15x400mm		
#04200	5x15x500mm		
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Terrific!**



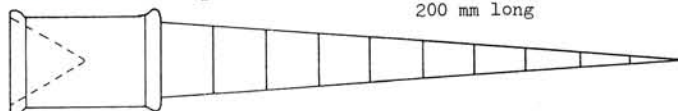
Of nicked brass, for tuning the smallest open
 metal pipes.
 Total length about 350 mm
 Weight of the metal part about 55 g

Tuning cone hammer

227 00

Foot Hole Gauge Ø 0-20 mm BRASS with cone end
 200 mm long

02100

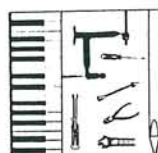
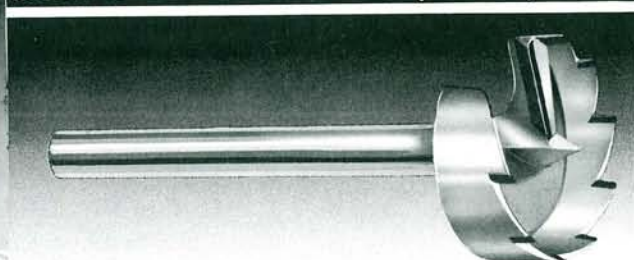


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7:30 p.m.	Board buses for tour of two organs: Redeemer Lutheran Church (Redman Organ) St. Matthew's Lutheran Church (King Organ)
10:00 p.m.	Buses return to The Worthington Hotel; Cash Bar open
11:00 p.m.	Cash Bar closes

Tuesday, October 10

	Exhibits open 8:00 a.m.-12:30 p.m., 6:00 p.m.-11:00 p.m.
7:30 a.m.	Continental Breakfast; Registration Desk open
9:00 a.m.-10:30 a.m.	Lecture IV— <i>Labor laws as they affect small businesses; Cutting the costs of unemployment insurance claims</i> Keith Quade of the Texas Employment Commission discusses planning your strategies; how to get rid of a problem employee without having to pay his/her unemployment claim; the thorny issues of chemical abuse and polygraph exams; preparing for appeal hearings.
11:00 a.m.-12:30 p.m.	Lecture V— <i>Scaling of organ pipes</i> Richard Rensch discusses scaling and explains the use of the "Rensch slide rule"
12:30 p.m.	Lunch
2:00 p.m.	Board buses for shop tours: Garland Pipe Organs, Inc. The Ross King Company Redman Organ Company
6:00 p.m.	Buses return to The Worthington Hotel Dinner on your own
7:30 p.m.-9:30 p.m.	Visit nearby churches—organ demonstrations (bus transportation available) First Presbyterian Church First United Methodist Church St. Andrew's Episcopal Church

Wednesday, October 11

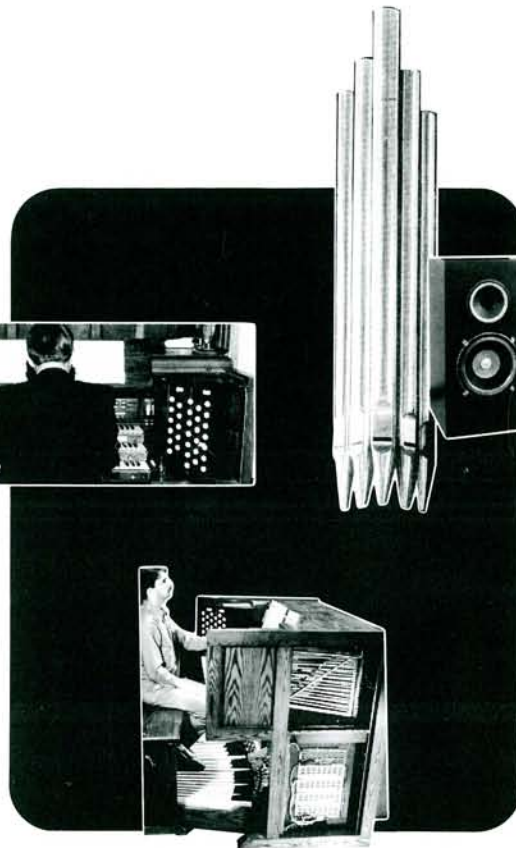
	Exhibits open 8:00 a.m.-12:30 p.m., 2:00 p.m.-7:30 p.m.
7:30 a.m.	Continental Breakfast; Registration Desk open
9:00 a.m.-10:30 a.m.	Business Meeting
11:00 a.m.-12:30 p.m.	Lecture VI— <i>Console chassis design for mechanical action organs</i> Jay Zoller, Andover Organ Company
12:30 p.m.	Lunch
2:00 p.m.-3:30 p.m.	Lecture VII— <i>Operating a service organization</i> Jim Miller, Miller Pipe Organ Company, discusses costs, scheduling, organization, etc.
4:00 p.m.-5:30 p.m.	Table Clinics
6:00 p.m.-12 Midnight	Cash Bar open
7:30 p.m.	Banquet—Awards Ceremony and Convention Closing (Grand Ballroom)

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Combination Action System

SSCA-2000, upgraded to include choice of eight- or 32-channel (inter-changeable) performance. Piston momentary latching. Stop-sensing capabilities in addition to two-second fail-safe feature. Guaranteed retrofitability with all older ICMI systems.



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—Gregg Fields, *The Cincinnati Enquirer*

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Thursday, October 12

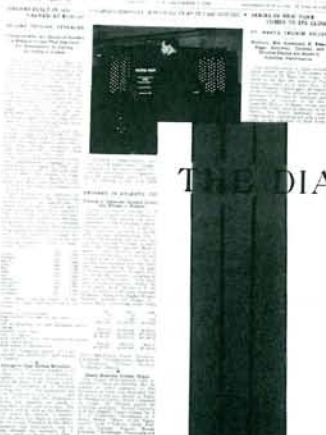
Optional Post-Convention Tour of Dallas Organs

8:30 a.m.	Buses leave the hotel
	First Presbyterian Church
	Jaeckel Organ (1988), 2 manuals, 14 stops, Mechanical action
	Sipe Organ (1977), 3 manuals, 42 stops, Mechanical action
	Our Lady of Guadalupe Cathedral
	Midmer Organ (1871) restored by Redman (1982), 2 manuals, 30 stops, Mechanical action
	Meyerson Symphony Hall
	C.B. Fisk Organ (Incomplete) 4 manuals, 61 stops, Mechanical action
12:00 Noon	Lunch at Highland Park United Methodist Church
	Southern Methodist University—Owen Fine Arts Center
	Caruth Auditorium—Aeolian Skinner Organ (1965), 3 manuals
	Practice organs by Kern, Sipe, and von Beckerath
	Studio organ by Holtkamp (1966) 3 manuals, 22 stops
	Electric action
	Meadows Museum—Pascolai Caetano Oldovini Organ (1762, Portugal) 1 manual, 7 stops
	Highland Park United Methodist Church
	Austin Organ (1974), 4 manuals, 113 ranks, Electric action
	Aeolian-Skinner Organ (1973), 2 manuals, 24 stops, Mechanical action
	Paccard Carillon (1984), 48 bells
	St. Thomas Aquinas Church
	Schudi Organ (1978), 3 manuals, 34 stops, Electric action
	Church of the Transfiguration (time permitting)
	Aeolian-Skinner Organ (1972), 2 manuals, 13 stops, Mechanical action
6:00 p.m.	Dinner at University Park United Methodist Church
7:30 p.m.	Recital at University Park United Methodist Church
	Mary Preston, organist
	Alfred Kern organ (1978), 3 manuals, 46 stops, Mechanical action
10:00 p.m.	Buses return to The Worthington Hotel

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50th
Anniversary Issue
1909-1959

THE DIAPASON

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Convention Organs

Redeemer Lutheran Church

Redman Organ Company, 1988 (Opus 54)

GREAT

Principal	8
Rohrflöte	8
Octave	4
Blockflöte	2
Mixture	IV
Trompete	8
Swell to Great	

SWELL

Holzgedackt	8
Salicional	8
Spitzflöte	4
Nazard	2-2/3
Principal	2
Terz	1-3/5
Tremulant	

PEDAL

Subbass	16
Principal	16
Gedacktbass (extension)	8
Principal (extension)	4
Fagott	16
Fagott (extension)	8
Great to Pedal	
Swell to Pedal	

Mechanical Key Action

Electric Stop Action

Solid-state combination
action (8 channels)

Cymbelstern



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The bells, bell supports, clappers and clapper tree are all solid brass. These parts are dipped in a special coating designed to protect brass parts on ships from their harsh environment. This assures you years of resistance to tarnish.

RANDOM PATTERN

The loose coupling between the clappers and the clapper tree from which they hang allows the clappers to bounce off the bells in an irregular manner producing almost no pattern or rhythm to interfere with the meter of the organ music. These couplings are stainless steel for strength, and plastic coated to eliminate any scratching noise from the linkage.

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St. Matthew's Lutheran Church

The Ross King Company, 1988

GREAT (Expressive)

Principal	8
Koppelflute	8
Viole	8
Céleste	8
Octave	4
Super Octave	2
Mixture	IV
Trumpet	8
Tremulant	

POSITIF

Gedeckt	8
Principal	4
Chimneyflute	4
Nazard	2-2/3
Gemshorn	2
Tierce	1-3/5
Quinte	1-1/3
Cromorne (prepared)	8
Tremulant	

PEDAL

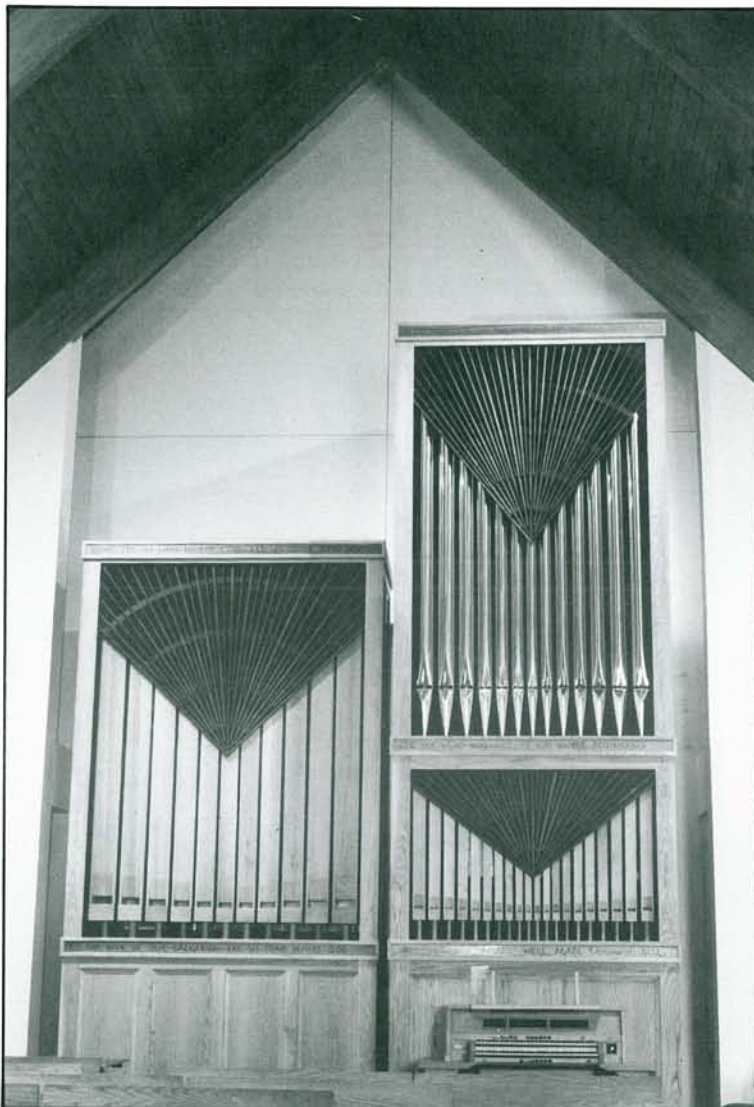
Subbass	16
Principal	8
Octave (prepared)	4
Bassoon	16
Great to Pedal	
Positif to Pedal	

Mechanical key action
(Suspended)

Electric stop action

Solid-state combination
action (4 channels)

Single wedge bellows



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St. Andrew's Episcopal Church

Schudi Organ, 1989

GREAT

Bourdon	16
Principal	8
Rohrflöte	8
Octave	4
Spitzflöte	4
Quinte	2-2/3
Super Octave	2
Terz	1-3/5
Mixture	IV-V
Trompette	8
Cromorne	8
Tremulant	
Swell to Great	
Solo to Great	

SWELL

Bourdon	8
Salicional	8
Voix céleste	8
Principal	4
Rohrflöte	4
Nazard	2-2/3
Blockflöte	2
Tierce	1-3/5
Larigot	1-1/3
Scharf	IV
Basson	16
Trompette	8
Hautbois	8
Clairon	4
Tremulant	

PEDAL

Resultant	32
Principal	16
Subbass	16
Octave	8
Choral Bass	4
Mixture	V
Bombarde	16
Trompette	8
Great to Pedal	
Swell to Pedal	
Solo to Pedal	



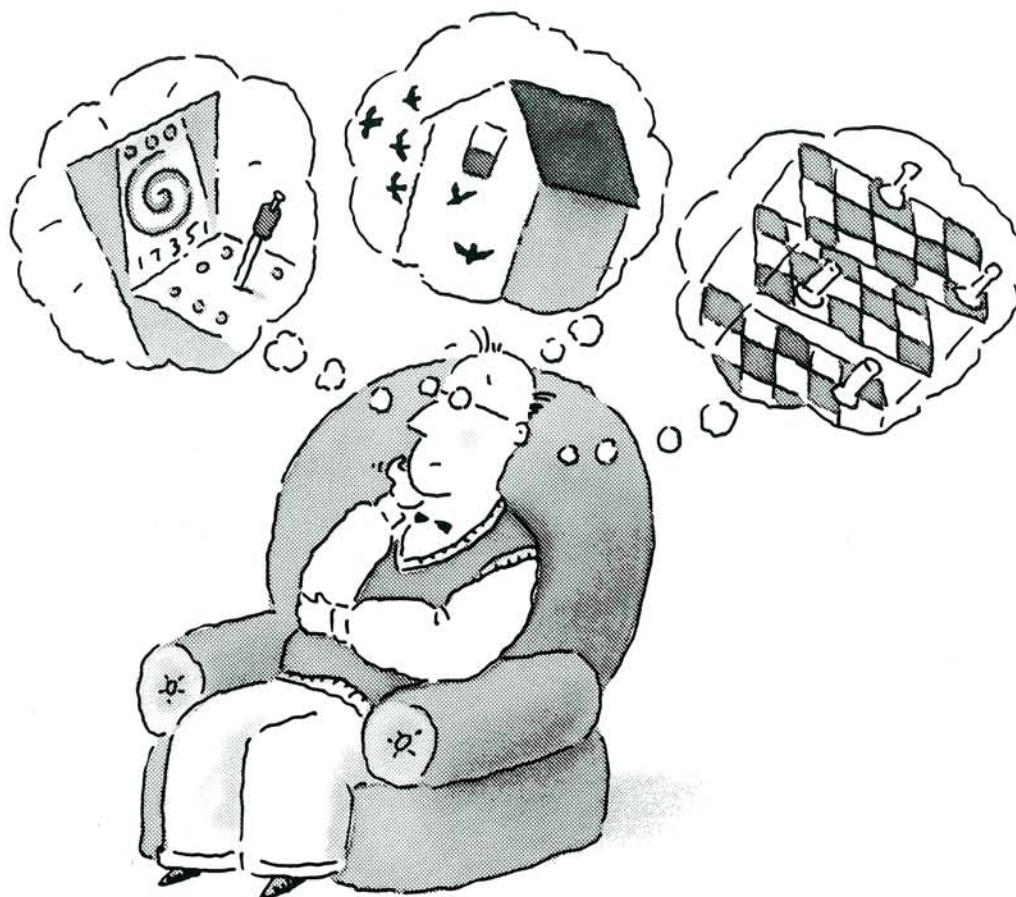
SOLO (Electric action)
Trompette Harmonique 8

Mechanical key action
(reversed console)

Electric stop action

Solid-state combination
action (8 channels)

Q: What is the Multi-Level Capture System?



- a.** the 8th level of the video game Suziman (the one with the two cats, the bananas and the submarine)
- b.** the best way to remove crows from your condo
- c.** the newest version of 3-D chess
- d.** another superior product from Solid State Logic, setting the standards for quality, features and customer service

A: d.

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A: The Performance Recorder Interface converts key, stop and coupler signals to a standard video signal. Recordings are made on a standard home or industrial video recorder.

Q: *Is it easy to connect?*

A: We offer two types of connections.

For organs currently fitted with an SSL Multiplex system, simply connect the Interface in-line anywhere in the coaxial cable connecting the console and the organ, or in a remote location by simply adding cable.

Other organs take the Universal type, requiring one connection for each key, stop, expression shade stage and coupler wire connecting the console to the organ (if the couplers are not located in the console.) The Universal interface connections are bidirectional; normal console/organ connections don't have to be altered.

Q: *What about flexibility?*

A: Playback flexibility depends on the features built into the VCR used to make the recordings. Most machines allow note-by-note playback, fast scanning and freezing

on a single note or chord. Advanced machines may also allow "jogging", playing a short section at any speed in either direction.

Q: *Is there a separate audio track?*

A: It's always there, with our Audio Interface. Users can make an audio recording of the performance, or add comments, evaluations, or other notations easily. A microphone, speaker, separate volume control and input jack are standard.

Q: *What about MIDI?*

A: We've made provisions in the Performance Recorder to couple the console to a MIDI controller or instruments. We're currently working on the new SSL bidirectional MIDI Interface and it will be available in the near future. Full MIDI flexibility will be just a switch away.

Q: *How do I find out more about the Performance Recorder Interface?*

A: Just ask your organ builder or SSL.

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GREAT

Violone	16
Bourdon	16
Montre	8
Principal	8
Rohrflöte	8
Harmonic Flute	8
Gamba	8
Gamba Celeste	8
Prestant	4
Octave	4
Blockflöte	4
Doublette	2
Fifteenth	2
Spillflöte	2
Plein Jeu	III
Fourniture	IV
Scharf	III
Acuta	III
Fagotto	16
Trompette Harmonique	8
Fagotto	8
Clarinet	8
Trompette Harmonique	4

SWELL

Lieblich Gedeckt	16
Diapason	8
Holzgedeckt	8
Viola	8
Viola Céleste	8
Principal	4
Nachthorn	4
Flauto Dolce	4
Flute Celeste	4
Nazard	2-2/3
Octave	2
Flautino	2
Tierce	1-3/5
Larigot	1-1/3
Sifflöte	1
Cymbel	III
Bombarde	16
Trompette	8
Oboe	8
Vox Humana	8
Clairon	4
Tremolo	
Tuba (prepared)	8



CHOIR-POSITIV

Quintaden	16
Prestant	8
Bourdon	8
Unda Maris II	8
Prestant	4
Koppelflöte	4
Octave	2
Blockflöte	2
Quintflöte	1-1/3
Sesquialter	II
Mixture	IV
Bassett	16
Crommorne	8
Trumpet en Chamade (Chancel)	8

ANTIPHONAL (Portativ)

Holzgedeckt	8
Rohrflöte	8
Prestant	4
Rohrflöte	4
Prestant	2
Mixture	III
Trompette en Chamade (Gallery)	8

PEDAL

Contra Bourdon	32
Contrebass	16
Subbass	16
Violone	16
Lieblich (Swell)	16
Contra Dulciana	16
Octave	8
Metal Gedeckt	8
Geigen	8
Lieblich (Swell)	8
Super Octave	4
Hohlflöte	4
Rauschquinte	II
Mixture	IV
Contra Bombarde	32
Contra Fagotto	32
Bombarde	16
Fagotto	16
Bombarde	8
Fagotto	8
Bombarde	4
Fagotto	4



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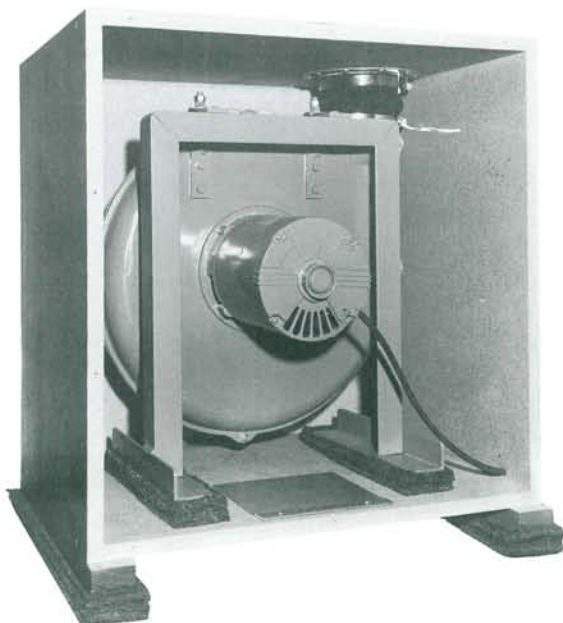
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GREAT

Sub Principal	16
Principal	8
Diapason	8
Bourdon	8
Flûte Conique	8
Octave	4
Copula	4
Spitz Principal	4
Twelfth	2-2/3
Fifteenth	2
Flute	2
Fourniture	IV
Cymbale	III
Trompette en Chamade	8

SWELL

Lieblighgedeckt	16
Geigen Principal	8
Rohrflöte	8
Viole de Gambe	8
Viole Céleste	8
Flauto Dolce	8
Flute Celeste	8
Principal	4
Hohlflöte	4
Lieblighflöte	4
Nasard	2-2/3
Blockflöte	2
Gemshorn	2
Tierce	1-3/5
Plein Jeu	III
Scharf	III
Fagotto	16
Trumpet	8
Oboe	8
Vox Humana	8
Clarion	4



CHOIR

Spitzflöte	8
Schongedeckt	8
Viola	8
Viola Céleste	8
Gemshorn	8
Gemshorn Céleste	8
Fugara	4
Koppelflöte	4
Unda Maris II	4
Nasard	2-2/3
Flautino	2
Tierce	1-3/5
Cor d'Amore	8

POSITIV

Quintadena	16
Singendedeckt	8
Spitzprincipal	4
Spillflöte	4
Principal	2
Quint	1-1/3
Siffelöte	1
Cymbel	II
Bassoon	16
Krummhorn	8
Regal	4

SOLO

Flute Harmonic	8
Viole	8
Viole Celeste	8
Eclat	IV-VI
Bombarde	16
Trompette Harmonique	8
French Horn	8
English Horn	8
Clarinet	8
Bombarde Clarion	4

PEDAL

Bourdon	32
Contra Basse	16
Principal	16
Subbass	16
Sub Principal (Gt)	16
Gemshorn	16
Lieblighgedeckt (Sw)	16
Quintadena (Pos)	16
Quint	10-2/3
Octave	8
Bourdon	8
Sub Principal (Gt)	8
Gemshorn (Ch)	8
Lieblighgedeckt (Sw)	8
Quintadena (Pos)	8
Octave Quint	5-1/3
Choral Bass	4
Bourdon	4
Waldflöte	2
Fourniture	III
Sesquialtera	III
Bombarde	32
Posaune	16
Fagotto (Sw)	16
Bassoon (Ch)	16
Posaune	8
Fagotto (Sw)	8
Bassoon (Ch)	8
Bombarde (Solo)	4
Schalmei	4
Trompette en Chamade	
(Gt)	8
Trompette en Chamade	
(Gt)	4

GALLERY

Viole	8
Viole Céleste	8
Flute	8
Flute	4
Nasat	2-2/3
Doublette	2
Geigen	8
Principal	4
Super Octave	2
Oboe d'Amour	8

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GRAND-ORGUE

Bourdon	16
Montre	8
Bourdon	8
Gros Nazard	5-1/3
Prestant	4
Flûte à fuseau	4
Gross Tierce	3-1/5
Quarte de Nazard	2
Fourniture	IV
Cymbale	III
Cornet (C25)	V
Trompette	8
Clairon	4
Voix-Humaine	8
Copula Kron-Positif/G-O	
Copula Récit/G-O	

KRON-POSITIF

Viole de Gambe	8
Bourdon	8
Prestant	4
Flûte à cheminée	4
Nazard	2-2/3
Doublette	2
Tierce	1-3/5
Larigot	1-1/3
Fourniture	IV
Cromorne	8
Tremblant (G-O & K-P)	
Copula Récit/Kron-Positif	

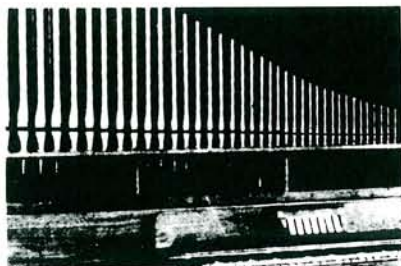
RECIT

Salicional	8
Voix-Céleste	8
Flûte à cheminée	8
Prestant	4
Flûte en bois	4
Doublette	2
Sifflet	1
Fourniture	IV
Cornet (G20)	V
Douçaine	16
Trompette	8
Clairon	4
Tremblant	



PEDALE

Flûte	16	Tirasse Grand-Orgue
Soubasse	16	Tirasse Kron-Positif
Flûte conique	8	Tirasse Récit
Principal	4	Mechanical key action (suspended)
Nachthorn	2	Electric stop action
Mixture	V	Solid-state combination action
Contre-Basson	32	
Bombarde	16	
Trompette	8	
Clairon	4	



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Jack Bethards

Jack M. Bethards is president and tonal director of Schoenstein & Co., Organ Builders, established 1877 in San Francisco. He has been a professional musician and is currently active in the A.G.O. at the local and national levels. He is president of the Associated Pipe Organ Builders of America and member of the American Institute of Organbuilders, the International Society of Organbuilders, the Organ Historical Society, and the Association Aristide Cavaillé-Coll. In his thirty-three years of pipe organ work and research, Jack has been a frequent lecturer and contributor of articles to professional journals. A major thrust of his study, including work abroad, has been romantic organ building of France, England, and America. Recently he directed the renovation of the Mormon Tabernacle organ in Salt Lake City, Utah.



Steven Dieck

Steven Dieck was born in Indianapolis, Indiana, in 1951. His early training in organ maintenance and construction was during school vacations with Tom Wood and John Goulding who at the time were associated with the Holloway Corporation. After completing a Bachelor of Music degree in organ performance from DePauw University with Arthur Carkeek in 1973, Steve apprenticed himself with Charles Fisk of Gloucester, Massachusetts. During his ten years of working directly with Charles Fisk, Steve had an active role in the design and construction of most of the instruments. Since 1984, Steve has been the Executive Vice-President of C.B. Fisk, Inc., and he continues an active role in the design of instruments as well as being a member of Fisk's management team.



Keith Quade

Keith Quade has been employed by the Texas Employment Commission for 17 years. For 15 of these years he has been involved in the Unemployment Insurance function. He has worked in the Central Administrative offices at the state capitol, and worked directly with the public in three area offices of the Commission. He served as an Appeals Hearing Officer for two years. He received the BBA from the University of Texas at Austin.

Keith is currently Program Specialist on the Fort Worth Regional Director's staff and is responsible for the Unemployment Insurance program with the Region, which includes the Fort Worth metropolitan area and most of north-central Texas. His interests include church and classical music, and farming and cattle interests in West Texas.



Richard Rensch

Richard Rensch was born in 1923, the son of a medical doctor. His education was as a Choirboy at St. Thomas' Church in Leipzig (today German Democratic Republic) under Thomaskantor Prof. D. Dr. Karl Straube and, after his retirement, Günther Ramin. After that he spent two years as a soldier, followed by medical studies at Heidelberg University, which were interrupted in 1944 by the events of World War II.

After the war, he served a carpentry apprenticeship and took the journeyman's examination. From 1947-1956 Rensch worked with Walcker in Ludwigsburg, passing the organbuilding journeyman's examination and, in 1956, the master's examination in organbuilding.

In 1956 he founded his own organbuilding workshop in Lauffen (near Heilbronn), where he also served as choirmaster at the Protestant Regiswindiskirche (from 1948 until 1976). Since 1966 Rensch has taught Pipe Scaling at the Meisterschule für Orgelbau in Ludwigsburg. He was a founding member in 1956 of the International Society of Organbuilders (ISO). He developed the special slide rule for pipe scaling in 1968. In 1969 he was co-founder and, since 1972, editor of the periodical *ISO Information*.

After a serious accident in 1973 while finishing a large organ (III/56) in Unna, Westfalen, West Germany, he has been a paraplegic. Since 1975, with the support of his daughter, Ulrike, and his sons Christhard, Klaus-Wilhelm and Philipp, he has been president of the Richard Rensch Orgelbau GmbH (Ltd.). The firm has built about 110 new organs (including historical restorations) with about 15 employees. He retired as president in 1983.



Jay Zoller

Jay Zoller is a designer and construction supervisor for the Andover Organ Company in Lawrence, Massachusetts, where he has worked for the past three years. Prior to that he was shop foreman for George Bozeman in Deerfield, New Hampshire. Born and raised in Wyoming, Zoller has lived most of his adult life in New Hampshire. He has a B.A. in organ performance and composition from the University of New Hampshire, and a Master of Theology degree from Boston University School of Theology. Jay has worked on many restorations and rebuilds of old instruments, but his main interest lies with the problems involved with building new instruments. He is the organist and choirmaster of St. Andrew's Episcopal Church in Hopkinton, New Hampshire and lives in Weare, N.H.



James Miller

James Miller is founder and president of Miller Pipe Organ Company. His 19 years of organ building includes experience with Hillgreen-Lane and Miller-Skinner Organ Company. Mr. Miller holds the Master of Church Music degree from Southern Baptist Theological Seminary and also is a regional service and sales representative of the Schantz Organ Company. Miller Pipe Organ Company, based at Louisville, Kentucky, provides complete organ service to clients throughout a nine state area. The firm will celebrate its 15th anniversary in 1990.

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12. Hyatt Regency Fort Worth
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15. St. Andrew's Episcopal Church

16. Fort Worth Convention Center
17. Tarrant County Junior College
18. Fort Worth Water Gardens
19. Santa Fe Terminal-Amtrack
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21. Plaza Fort Worth Hotel
22. First United Methodist Church
23. First Presbyterian Church



Downtown Area

Burnett Park—located between West Seventh and West Tenth streets, (817) 870-7000. This downtown oasis among the city's skyscrapers received a major facelift in 1984 to feature crisscrossing granite paths, elevated walkways and mirror-lined reflecting pools. On indefinite loan from the Anne Burnett and Charles Tandy Foundation are four life-size bronzes, "Backs," by Henri Matisse. Hours: 7:30 a.m.-11 p.m. daily. Admission: free.

Caravan of Dreams—312 Houston Street, (817) 877-3000. This downtown cultural center features a jazz and blues club, film screenings

and live productions in the theater, and the Desert Dome where desert flora are exhibited and sold. A 400-seat restaurant and rooftop bar also are featured. Hours: Call for more information.

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Fire Station No. 1—Second and Commerce streets, (817) 732-1631. This colorful exhibit, "150 Years of Fort Worth," traces the city's development from its beginning to its maturity. This is a project of the Fort Worth Museum of Science and History. Hours: 9 a.m.-7 p.m. daily.

Fort Worth Water Garden—Houston and Commerce streets, (817) 870-7000. Donated to the city by the Amon G. Carter Foundation in 1974, the Water Garden is a spectacular public park with urban waterfalls, fountains and meditation pool. Hours: 11 a.m.-10 p.m. daily. Admission: free.

Heritage Park—East Belknap at Houston Street (817) 870-7000. Built on the site of old Fort Worth overlooking the Trinity River, this park captures much of Fort Worth's unique history. Hours: 7:30 a.m.-11:30 p.m. daily. Admission: free.

McFarland House Museum—1110 Penn Street, (817) 332-5875. Beautiful preserved example of late Victorian architecture. Located between Seventh Street and Lancaster Avenue, downtown. Tours by reservation only on weekdays. Hours: 10 a.m.-1 p.m. Monday through Friday; 2 p.m.-5 p.m. Sunday. Admission: \$2-adults; children under six free.

St. Patrick Cathedral—1206 Throckmorton Street, (817) 332-4915. Built in 1885 and designed by Father Guyot. Hours: 7 a.m.-1 p.m.; Wednesday 7 a.m.-5 p.m.

Sid Richardson Collection of Western Art—309 Main Street, (817) 332-6554. Permanent exhibit of 52 original paintings by Frederic Remington and Charles M. Russell. Hours: 10 a.m.-5 p.m. Tuesday through Friday; 11 a.m.-6 p.m. Saturday; 1 p.m.-5 p.m. Sunday; closed Monday and major holidays. Admission: free.

Sundance Square—Main and Houston streets, (817) 390-8700. Located between Second and Third streets, two square blocks of turn-of-the-century architecture housing specialty shops, restaurants, and the Sid Richardson Collection of Western Art.

Tarrant County Courthouse—100 East Weatherford, (817) 334-1111. Built in 1800's from red granite, this is one of Texas' best examples of courthouse architecture. Hours: 7 a.m.-5:30 p.m. Monday through Friday.

Thistle Hill—1509 Pennsylvania Avenue, (817) 336-1212. Thistle Hill, the Cattle Baron's Mansion, was built in 1903 and is the last remaining mansion of the rich cattle barons who made Fort Worth great. Hours: 10 a.m.-3 p.m. Monday through Friday; 1 p.m.-4 p.m. Sunday; closed Saturday. Admission: \$2.

Cultural Arts District

Amon Carter Museum—3501 Camp Bowie Boulevard, (817) 738-1933. The museum, constructed of Texas shell limestone, presents 150 years of American art, including a major collection of works by two outstanding western artists, Frederic Remington and Charles M. Russell. Hours: 10 a.m.-5 p.m. Tuesday through Saturday; 1 p.m.-5:30 p.m. Sunday; closed Monday and some holidays. Admission: free.

Casa Mañana—3101 West Lancaster Avenue, (817) 332-9319. This theater holds the distinction of being America's first permanent musical theater-in-the-round. Broadway musicals are performed May to September. During the winter, a children's playhouse and theatrical training are offered.

Cattle Raisers Museum—1301 West Seventh Street, (817) 332-7064. The history of the ranching industry in Texas is portrayed in film, photographs and striking displays of memorabilia commemorating the cattle industry. Hours: 8 a.m.-5 p.m. Monday

through Friday; closed holidays. Admission: free.

The Fort Worth Museum of Modern Art—1309 Montgomery Street, (817) 738-9215. This museum has an extensive collection of modern paintings and sculpture as well as old masters. The collection includes both traveling and permanent exhibits. Hours: 10 a.m.-9 p.m. Tuesday; 10 a.m.-5 p.m. Wednesday through Saturday; 1-5 p.m. Sunday. Closed Mondays and holidays. Admission: free.

Fort Worth Museum of Science and History—1501 Montgomery Street, (817) 732-1631. The Fort Worth Museum of Science and History houses the Omni, the largest domed theater of its kind, and a museum school, the Noble Planetarium, and 35,000 square feet of exhibits. Exhibits include Hall of Medical Science, Man and His Possessions, Antique Calculators and Computer Technology, Geology and Texas History. Hours: 9 a.m.-5 p.m. Tuesday through Thursday; 9 a.m.-8:30 p.m. Friday and Saturday; noon-5 p.m. Sunday; closed Monday. Museum admission: free.

Omni Theater—1501 Montgomery Street, (817) 732-1631. Located in the Museum of Science and History, the Omni features year-round film performances on a spectacular 80-foot dome screen using the Omnimax projection system, the largest film format in the motion-picture industry. Hours: Call for show times. Admission: \$4.75 adults, \$3 senior citizens and children 12 and under.

Noble Planetarium—1505 Montgomery Street, (817) 732-1631. Located in the Museum of Science and History, it features different monthly shows which are presented every weekend year-round and daily during the summer. Admission: \$2.50.

Kimbell Art Museum—3333 Camp Bowie Boulevard, (817) 332-8451. The Kimbell Art Museum, which opened in 1972, is one of the world's outstanding museums. A bequest of the late Kay Kimbell, the museum contains his extensive collection plus additional works, and comprises a collection ranging from the prehistoric to Picasso. Hours: 10 a.m.-5 p.m. Tuesday through Saturday; 11 a.m.-5 p.m. Sunday; closed Monday and some holidays. Admission: free.

Will Rogers Memorial Center—One Amon Carter Square, (817) 332-7361. This sprawling complex of buildings is dedicated to the late humorist. The all air-conditioned coliseum seating 6,500 people is home of the oldest indoor rodeo—the Southwestern Exposition and Stock Show. The auditorium seats 3,000 people. An exhibit hall of more than 100,000 square feet, meeting rooms, cattle and livestock barns, and Casa Mañana also are situated here.

Stockyards Area

Billy Bob's Texas—2520 Rodeo Plaza, (817) 624-7117. The world's largest honky-tonk features 100,000 square feet of floor space, where as many as 6,000 can hear the sounds of country and western greats like Willie Nelson and Johnny Cash. The club features a 500-seat

rodeo arena, several restaurants, dance floor, VIP club, shops, games and pool tables. Musical revue four times a day. Hours: 10 a.m.-2 a.m., seven days a week. Admission charge after 6 p.m. and for musical revue.

Cowtown Coliseum—123 East Exchange Avenue, (817) 625-1025. Hosting family entertainment and rodeos. Home of the world's first indoor rodeo. Cowtown Coliseum was built in 1908 and renovated in 1986.

Exhibit Building—This 56,000-square-foot building was used to exhibit livestock and western-related merchandise. It now houses specialty retail shops, an arcade, food and beverage establishments, and meeting rooms.

Fort Worth Visitor Information Center—123 East Exchange Avenue, (817) 624-4741. Area-wide visitor and attraction information.

Livestock Exchange Building—131 East Exchange Avenue, (817) 624-3101. Established in 1902 to house Livestock Commission. Hours: 7:30 a.m.-6 p.m. Monday through Friday; 10 a.m.-6 p.m. Saturday; closed Sunday.

Rodeo Plaza—(Formerly North Commerce Street). Outdoor pedestrian walkway and western-oriented park featuring gunfight demonstrations, trick-rope riders, stage-coaches, wagons, music reviews, parades and children's area. Old West vendor carts have refreshments, souvenirs and novelties for sale. Open-air arena with performance gazebo and 1,500-seat bleachers for special activities.

Stockyards Hotel—109 East Exchange Avenue, (817) 625-6427. Originally built in 1911. Bonnie and Clyde once slept here.

White Elephant Saloon—106 East Exchange Avenue, (817) 624-1887. Authentic Old West saloon. In 1883 Luke Short, saloon owner, shot and killed the notorious "Long Hair Jim" Courtright about a half block from the White Elephant Saloon. Hours: 11 a.m.-2 a.m. Monday through Saturday; noon-midnight Sunday.

Zoo and Botanic Garden

Fort Worth Zoological Park—2727 Zoological Park Drive, (817) 870-7050. The oldest continuous zoo site in Texas, Fort Worth's 35-acre zoo is nestled in Forest Park, about one mile south of Interstate 30. Besides the usual lions, tigers and bears, Fort Worth Zoo has one of the world's largest and most successful reproducing collections of rare and endangered reptiles and amphibians. Hours: 9:30 a.m.-5:30 p.m. year round. Admission: \$2 for adults, \$1.50 for children 11-17, and \$0.25 for children 2-10.

Fort Worth Botanic Garden—3220 North Botanic Drive, (817) 870-7686. This city park offers seasonal color throughout the year, with more than 2,000 different plants and 150 varieties of trees. Incorporated into the Botanic Garden is a Japanese Garden, complete with a traditional pagoda, meditation garden and teahouse. Small admission charge for Japanese Garden only.

(Map and Guide provided by the Fort Worth Convention and Visitors Bureau.)

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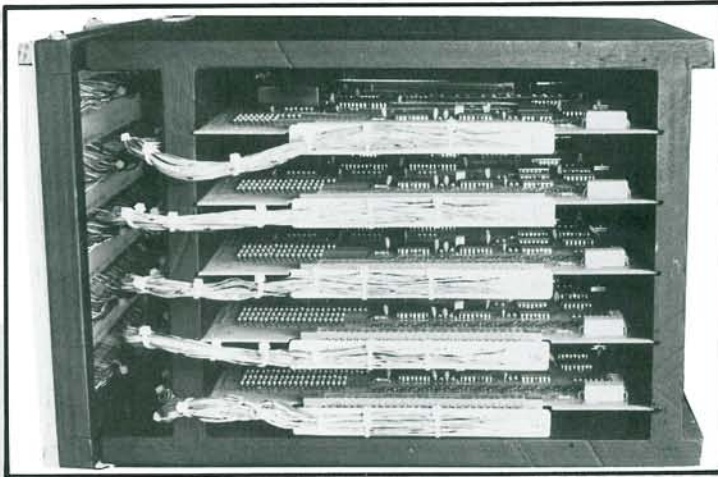
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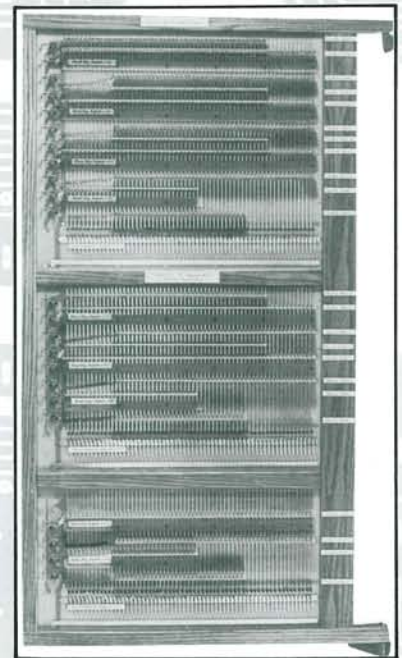
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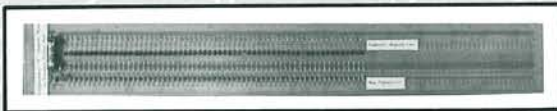


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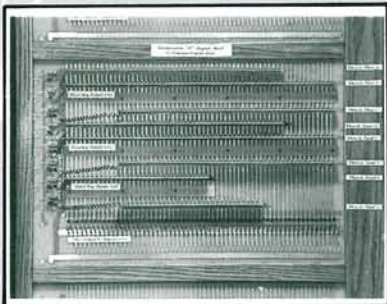
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