

# INTERNATIONAL ASSOCIATION OF PANORAMIC PHOTOGRAPHERS

SEPTEMBER 1985

ORLANDO, FLORIDA

## IT'S LAS VEGAS IN '86

### FROM THE PRESIDENT OF IAPP

Dear Panoramic Enthusiasts,

It was remarkable to see how the word has spread among those of us intrigued with panoramic photography. Last year 35 people showed up at Hampton Beach, Virginia; this year 105 gathered at Orlando, Florida. It was due to the efforts of Dick Fowler that we had such a turn out, and that the second conference of the International Association of Panoramic Photography moved along so smoothly. All the gears meshed perfectly! The third annual meeting will begin March 24, 1986 in Las Vegas. So hold the date, and join us in the sun. Stephen Loftus and Tim Ryan are working hard to ensure that this will be a roaring success.

At Orlando, we had the opportunity of meeting old friends, finally seeing people to whom we had perhaps only spoken or written to, and of making new friends. It would have been difficult not to have learned something during the conference.

The elected committee's goal is to help establish a thriving association. To do this we need members, and you have the rare opportunity of becoming a charter member. All you have to do is complete the enclosed membership form. Of course, we hope that you will contact others interested in this type of photography and encourage them to join too.

Stephen Loftus is now planning the program, so if you are enthusiastic about a certain aspect of panoramic photography and are willing to share your ideas, perhaps you might like to make a presentation to the group. This year we are going to have some panel sessions in addition to the major speakers. The format during these focussed sessions will be that people will make 15 minute presentations, to be followed by discussion periods. We hope that this will allow more people opportunity to share their experiences.

CON'T ON PAGE 2

Our third annual IAPP Conference is scheduled for March 24-27, 1986 at the Holiday Casino, 3473 Las Vegas Blvd., Las Vegas, Nevada. Conference Chairman Stephen Loftus is hard at work putting together the program of speakers, work shops and field trips. More details will be in our next Newsletter. Meanwhile reserve those dates for the next IAPP Conference - March 24-27, 1986.

At our 1985 Conference here in Orlando, it was decided to have some what of a formal organization. By that we mean, to request those interested in IAPP and what we are trying to accomplish, to fill out the enclosed application for charter membership and enclose your check for \$15 to cover the expense of this newsletter and other IAPP costs. At the present time I have over 400 names in this computer and it is time to cull the list of those who are not interested enough to join IAPP. Let me hear from all of you out there that wish IAPP to continue.

There will be at least two more newsletters prior to our 1986 Conference. So anyone having any type of material for publication, please send it to me as soon as you can. Also any items wanted or for sale - cameras, parts, pieces, data, etc., contact me with your information for publication. Please also send me any constructive ideas about IAPP and what we are doing.

Good news from Texas, E. O. Goldbeck is doing well, in fact he just returned from a three week trip to Canada. Don't know if he was toting his number 10, but knowing E. O., he probably was.

More good news from Orlando, Florida. Hurricane Elena wasn't anymore here than some rain and a little wind.

We were lucky.

We look forward to hearing from you. We value your expertise and enthusiasm. We want you as a Charter Member.

Harold Lewis, IAPP President

#### FROM YOUR CONFERENCE CHAIRMAN

As your Conference Chairman for this coming year, I welcome you to Las Vegas, Nevada.

The hotel is the Holiday Casino, 3473 Las Vegas Blvd South, Las Vegas, Nevada.

The dates of the Conference are from 1 PM March 24 to the evening of March 27.

The room availability will be from March 22-27 and if people wish to remain, they may stay at group rates. These rates are \$47 for a double room, 2 people inclusive.

During the fall and early winter more information will be sent to you so that you may plan for this meeting in March of '86!

I would like to acknowledge those who have submitted programs, contact those who intend to submit programs and extend an invitation to anyone considering the possibility of a program submission.

As you know, our Association is based on sharing information. As a member, I am looking forward to this coming meeting as it will fulfill the promise of new knowledge and friends which have been such a valued asset.

I personally thank Jeff Aldrich and Richard Fowler for their generous assistance to the Association.

Stephen Loftus  
28 Linden Street  
Allston, MA 02134

#### NEW HASSELBLAD MAGAZINE

Magazine A2035 produces a panoramic image 25x56mm which is often needed for display purpose or in multi-media presentations. This format can also be obtained by cropping a 2 1/4 square. With the new magazine A2035 however, it can be obtained on 35mm film, including Kodacrome. Standard cassettes of 35mm film, 12, 20, 24, or 36 exposures can be used. The standard 36 exposure cassette gives 20 panoramic images. Since the film moves vertically, the camera must be turned to produce a horizontal image.

#### LABS FOR CIRKUT PRINTING

Max Ward, of Delmar Studios has contacted me about their interest in helping Cirkut photographers with their processing and printing of 8" and 10" color Cirkut negatives up to 72" with full dodging control. For more information contact James W. Saine, Max Ward-Delmar Studios, 2210 Paramount Avenue, Chesapeake, VA 23325 - 804 420-7780. Other labs for Cirkut work:

Images, Jeff Aldrich, 32 E. Queens Way, Hampton, VA 23669 - 804 723-7677. Jeff has a supply of 10" 400 ASA Color Film available for sale.

Custom Touch Color Lab, Barry Moien, 3018 Hamilton Street, West Hyattsville, MD 20782 - 301 559-4433

Hallmark Color Labs, George Rosa, At The Airport, Turners Falls, MA 01376 - 413 863-2152

Goldbeck Company, Ed Goldbeck, 4407 Center Gate, San Antonio, TX 78217 - 512 656-1445

#### COMMENTS FROM THE EDITOR

I have heard that some photographers hesitate using filters on their Cirkut lenses when creating images in color and B&W. I personally use a K-2 on most all my B&W images and a Polarizer on all color images with excellent results. Allow one stop for the K-2 and 1 1/2 stops for the Polarizer. I don't treat the Cirkut camera exposures any different than any other camera, it is just calculating the correct exposure the first time since you won't be bracketing. There is no reason to overexpose 3 and 4 stops like some labs have reported receiving film from some Cirkut photographers.

I am still having excessive banding problems with 10" B&W Vericrome Pan film. I have tried everything possible to eliminate the banding but no luck. I get near perfect results (little to no banding) everytime when I use 8" Vericrome Pan film as well as any of the 10" color emulsions. Anyone have the answer and the cure?

Purchased some 7/16" brass tubing at a hobby store, cut it in 1/2" lengths and now insert one in the bottom of each Kodak plastic Cirkut film spool prior to inserting it into the camera. This takes the sloppy play out of the spool on the bottom pin and one less item to cause banding.



# A COMPUTER PROGRAM FOR SELECTING CIRKUT CAMERA GEARS, WITH CORRECTION FOR PIVOT POINT LOCATION by Robert J. Lang

When a lens other than the original is fitted to a Cirkut Camera the selection of the small pinion gear is usually based on the following formula:

$$g = \frac{(G)(d)}{(2)(F)}$$

g = the radius of the small pinion gear

G = the radius of the large ring gear

d = the diameter of the film takeup drum (with average amount of film)

F = the focus distance of the lens (sum of the focal length and extension for focusing, use actual measured focal length, not the value engraved on lens barrel)

If the camera were rotated around the rear nodal point of the lens, the image would remain fixed in space. The movement of the film would then exactly compensate for the movement of the camera and produce a photograph with no blurring. The Cirkut Camera, however, rotates about a point which may be considerably closer to the film plane than to the lens nodal point. In this case the image moves and the resultant photograph exhibits a noticeable horizontal blurring. Measurements on negatives exposed with original lens and gear combinations indicate that the degree of blurring is much less than would be expected. Obviously a correction was applied to compensate for the position of the pivot point, although no mention of it can be found in the original patents of Johnson, Brehm or Beavill.

One method of obtaining a correction factor for pivot point location involves comparison of the relative motion of the film and the image for a given gear number and subject distance. The original gear number is modified to reduce this relative motion and a comparison is made again. This process is continued until the difference between film and image movement is too small to be detected on the negative. The resulting gear number will not be an integer (whole number). Integral gear numbers on either side of this calculated value can be used and their corresponding subject distances and lens extensions calculated using a similar process.

I have written a computer program which performs the described calculations. Certain dimensions of the particular camera being used must be entered. The program is written in Basic Language formatted for an IBM personal computer, but should be easily adapted to any small computer. It was interesting to find that the original equipment gear and lens combinations on two Cirkut Cameras that I have access to were

correctly predicted by the program.

Anyone wanting a copy of the complete two page long computer program, just send a stamped self-addressed envelope to:

Robert J. Lang 100 Cooper Court  
Port Jefferson, NY 11777

Sample output of the program:

FOR 11 INCH ACTUAL FOCAL LENGTH LENS  
USE GEAR 49.68055 FOR SUBJECT DISTANCE 25  
FEET WITH LENS EXTENSION OF .418685 INCHES  
USE GEAR 49 FOR SUBJECT DISTANCE 20.36253  
FEET WITH LENS EXTENSION OF .5185337 INCHES  
USE GEAR 50 FOR SUBJECT DISTANCE 28.18727  
FEET WITH LENS EXTENSION OF .369751 INCHES  
LARGE GEAR RADIUS= 6 INCHES, 32 PITCH

## 1986 WIDELUX CALENDAR CONTEST

Photo Connection California, importers of the Widelux and Panon cameras, has a photo contest for users of the Widelux camera. Check page 92 of the October issue of the Shutterbug for all the details.

The new version of the 120 Panon, to be known as the Model 1500 120 Widelux camera, is supposed to be available some time soon with a hefty price tag of \$2500.

## RADIO CONTROL FOR CAMERAS

Anyone needing to radio control the starting and stopping of a Hulcher or a Paskin rebuilt #10, I had a company build such a unit for my cameras. You can set the camera and operate it up 100 feet or so away. The unit is small and compact, operates on 9 volt batteries, one part plugged into the camera and one part in your hand. Anyone needing such a custom unit, they are available for \$165 delivered.

## TILT CONTROL FOR HULCHER

Jim Lipari has designed and built a tilt control for the Hulcherama camera. The camera can be tilted up or down up to 30 degrees. He is also still cutting lens gears and also has the large 12" ring gears available. Contact James C. Lipari, 901 S. 69th Street, Omaha, NE 68106.

## MAGAZINE NEEDS PHOTOGRAPHS

Natural History magazine, published by the American Museum of Natural History, Central Park West at 79th Street, New York, NY 10024 needs photographs, mostly of animals in their natural habitat, to illustrate articles. They are also looking for Panoramic Photographers to contact them if you do landscapes and cityscapes or flora and fauna. You will be put on a list and contacted when such photos are required for future articles.

## CONFERENCE TAPES STILL AVAILABLE

The 10 high quality 90 minute cassette audio tapes of all speakers at the Orlando Conference and 3 tapes of the Hampton Conference are still available. Relive both Conferences and listen to hours of valuable information. All 13 tapes and storage album for \$57 including shipping. Send your check to Richard Fowler.

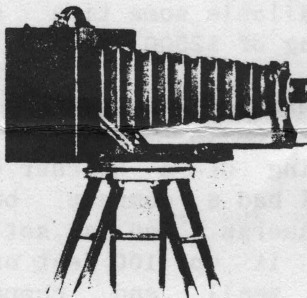
## TWO WAY LEVEL FOR PANORAMIC CAMERAS

One of the best levels I have found yet for use on a Hulcher and a number 10, or for that fact, on any camera you want to be perfectly level in all directions, is the Stanley Utility Level # 42-182, list \$3.99 - cheap but great and far superior to a bubble level!

Are you keeping your Cirkut gears polished and clean?

FROM A 1927 EASTMAN KODAK CATALOG

## Cirkut Cameras No. 6 and No. 10



CIRKUT NO. 6

THE Cirkut is a revolving camera particularly desirable for photographing large groups, landscapes, construction jobs, or work of a similar nature. Negatives of any length, up to a complete circle, may be made, the triple convertible lens permitting images of three sizes. The No. 6 Cirkut makes negatives six inches wide and takes film rolls in lengths of 5, 10, or 15 feet. The No. 10 Cirkut makes negatives 6, 8, or 10 inches in width and takes film rolls from

4 to 20 feet in length. The No. 6 has an *f*.7.7 Anastigmat lens of 7-inch focal length, rear element 10-inch, front element 15½-inch. The No. 10 has an *f*.6.8 Anastigmat of 10-inch focal length, rear element 15½-inch, front element 20-inch.

The outfits include tripods with special heads on which are scales indicating the length of negative necessary to include all of a group or landscape. There is a ground glass panel for determining the scope of view as well as for focusing.

A spring motor, which revolves the camera and winds the film, is controlled by a governor. The speed is regulated by a dial and pointer. Exposures range from ½ to ¼ second for any portion of the negative. A release starts and stops the exposure, and an indicator shows how much film has been used. Both cameras have ample rising and falling front.

The No. 6 outfit complete, including No. 2 Crown Tripod, is contained in a sturdy, sole leather compartment case and weighs 23 pounds. The No. 10 outfit complete, including Professional Tripod, is contained in two sole leather compartment carrying cases.

### PRICES

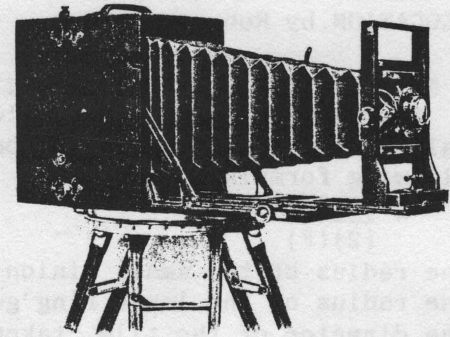
No. 6 Cirkut Camera and complete outfit	\$293.50
No. 10 Cirkut Camera and complete outfit	429.50

## Century 12-Foot Tripod

As its name implies, this tripod is made for use where extreme elevation is necessary. It is strong enough to carry any Eastman-made camera and as light as safety and rigidity permit. The lower section telescopes into the center.

Length closed, 57 in., extended, 12 ft., weight 30½ lbs., diameter of top 11½ in. \$40.00

## Cirkut Camera No. 10



THE Cirkut camera has opened up an unlimited field for highly profitable pictures because of its unusual adaptability to a great variety of work that can not be made with ordinary cameras. While it is, strictly speaking, a revolving panoramic camera, its usefulness begins exactly where the ordinary view camera leaves off and continues beyond the range of any other panoramic camera. If a group or landscape crowds an 8 x 10 negative the Cirkut will make it 8 x 12 or 8 x 14 or 8 x 16 or on to almost any desired length.

The No. 10 Cirkut makes negatives 6, 8 or 10 inches in width and takes film rolls from 4 to 20 feet in length. It is fitted with an *f*.6.8 convertible lens of 10½ inches focus. The front and rear elements have foci of 24 and 18 inches respectively.

In this camera there is the choice of both width and length of negative, while the convertible lens permits the operator to choose from three sizes of image, depending upon the lens combination used. A scale on the rim of the tripod head indicates the length of negative necessary to include all of a group or landscape and the point to close the exposure. An exposure release is turned to start and stop the exposures, an indicator shows how much film has been used and the pressing of a button punctures the film to indicate a dividing line between exposures so they may be cut apart.

A governor controls the speeds which range from ½ to 1/12 second for any portion of the negative, the speed at which the exposure is made depending upon light conditions.

The front board swings and may be raised or lowered and locks automatically. A ground glass screen is provided for accuracy in composition and focusing.

### PRICE

No. 10 Cirkut Camera taking 6, 8 or 10-inch film, size 9 x 11 x 12 inches, weight 49 lbs., 27-inch bellows draw, 4 x 4-inch lens board, Turner-Reich Convertible Anastigmat Lens Series II in Double Valve Shutter and items listed in Note (\*) \$405.00

\*Note—With this camera are included, Cirkut gears for regulating speed, Cirkut Tripod head and Professional Tripod legs. Two carrying cases are furnished. The Cirkut Tripod head will also fit the 12-foot tripod.

### Cirkut Film

Eastman N. C. Film for Cirkut Cameras. This film is furnished in Daylight-loading Cartridges.

For Cirkut Camera No. 5			
Per Roll		Per Roll	
5" x 15"	\$0.30	5" x 30"	\$0.65
5" x 20"	.45	5" x 42"	.85
For Cirkut Outfits No. 6 and No. 8			
Per Roll		Per Roll	
6½" x 3'	\$0.95	8" x 4'	\$1.55
6½" x 6'	1.90	8" x 8'	3.10
6½" x 10'	3.10	8" x 12'	4.65
For Cirkut Cameras No. 10 and No. 16			
Per Roll		Per Roll	
6" x 5'	\$1.45	10" x 10'	\$ 4.80
6" x 10'	2.90	10" x 15'	7.20
6" x 15'	4.35	10" x 20'	9.60
8" x 5'	1.90	12" x 6'	3.45
8" x 10'	3.80	12" x 10'	5.70
8" x 15'	5.70	12" x 15'	8.55
8" x 20'	7.60	16" x 6'	4.60
10" x 4'	1.90	16" x 10'	7.60
10" x 6'	2.90	16" x 20'	15.20

## Cirkut Printing Frame

MADE in eight sizes from 2½ to 10 feet in length and for all widths of Cirkut film. Cirkut Printing Frame:

6½" x 30" \$ 8.50	8" x 4' \$11.00	10" x 4' \$15.00	16" x 6' \$35.00
6½" x 48" 10.00	8" x 6' 15.00	10" x 6' 20.00	16" x 10' 49.00



LAST NAME										FIRST NAME									
COMPANY										POSITION									
ADDRESS																			
CITY										COUNTRY									
STATE					ZIP					PHONE					CODE				

HULCHERAMA ☐ VERIWIDE ☐ OTHER ☐

ADDITIONAL DATA ABOUT ANY OF ABOVE-

305 293-8003

**PLEASE RETURN THIS PAGE COMPLETELY FILLED OUT**

LATE WORD AS WE GO TO PRESS:  
OUR LAS VEGAS HOTEL FOR THE CONFERENCE  
MAY BE THE FABULOUS CAESARS PALACE.  
DETAILS ARE BEING WORKED OUT, FINAL  
WORD WILL BE IN OUR NEXT NEWSLETTER,



I use Polycontrast Rapid II RC B&W paper and a stabilization processor for printing my B&W Cirkut negatives. I tried using Kodak Sepia Toner, Cat 169 1757 with that paper with excellent results. In fact I am getting to like the results from B&W as well as and in some cases better than color, especially with the sepia brown tone. People haven't seen sepia prints in many years so it is something new and different to a new generation.

Congratulations to Charlie Stover for his article about Panoramic Photography in the July issue of the Professional Photographer Magazine.

Purchased a copy of Jack Rankins book "Panorama Hawaii" all taken with his Cyclo-Pan 70 camera. It is 90 pages of beautiful color panoramic photos taken all over the Hawaiian Islands. Send a check for \$22.95 to Panorama Photography, PO Box 9262, Ontario, CA 91762.

The September 1985 issue of Popular Photography Magazine has on pages 46 to 49 some interesting multiple-frame "composite panoramas" by photographer David McGlynn. Check it out, it's quite a different technique.

Colin Bullard called me from Australia just to say hello and ask the dates of our 1986 conference. He said he will be there!

Paul Kinney, Curator, Statue of Liberty National Monument, Liberty Island, New York, NY 10004 - is looking for any early photographs that were taken during the time the Statue was first brought to this country and erected. It seems there are very few photographs in existence taken during the Statue's first years here in America. If anyone has or knows of any early photographs, please contact curator Kinney.

Every museum curator that I have talked with who has a collection of early images, are most cooperative in showing and knowing more about early Cirkut prints. In fact in several instances I have tried to rephotograph the same scenes from the same vantage point and donate my photographs to the museum for their future historical value. It is a chance to give something of yourself and talent for future generations to enjoy. Talk to your local historical society and museum curator and see what you can do for them. There is always the possibility of sales of your images while you do your community an outstanding service.

#### DATED DURACELL BATTERIES

When you purchase Duracell Batteries, you can tell their manufacturing date by the code system stamped on the rear of the battery package. The stamped code might read "4D12D" which means the batteries were made - 4=1984, D=April, 12=12th day, D=factory location. "5G02D" = July 02, 1985. You can always be sure of buying fresh batteries and not purchase the bargain outdated batteries at your local flea market only to find out later they don't have their normal power.

#### CIRKUT LICENSE PLATES

In our last mailing I asked anyone having a "CIRKUT" license plate from their home state to send me a photograph of the plate. I had 4 replies. Bob Paluzzi - Nevada, Bob Lang - New York, Harold Lewis - Massachusettes and Richard Fowler - Florida. Who else has one?

#### JOIN PHSNE

Anyone interested in the history of Photography both in the cameras and images, should be a member of the Photographic Historical Society of New England, Inc. Their quarterly publication, "The Journal", is worth ever penny of the \$15 annual dues. Send your check to: Photographic Histroical Society of New England, Inc., P.O. Box 403, Buzzards Bay, MA 02532.

#### ITEMS WANTED OR FOR SALE

WANTED: #10 Cirkut Camera (front portion only) in poor condition, front bed may be missing - Myron Wright, 13720 Karen Street, Anchorage, AK 907 345-4589

WANTED: Ground glass removable back for a #8 Cirkut Outfit also a 10 1/2-18-24 TC lens and any gears for the lens, +

FOR SALE: 8" B&W Vericrome Pan Film - Karl B. Schurz, 9439 Santa Monica Boulevard, Beverly Hills, CA 90210

FOR SALE: #10 Cirkuts fully restored to better than new condition. Fitted with electric drive and control unit - \$4995. Contact Dave Paskin, 11304 Taffrail Court, Reston, VA 22091 703 476-5322 (evenings and weekends).

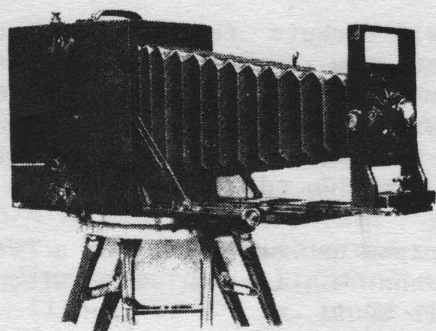
WANTED: Tripod and head gear for a #8 or #10 - John W. Lersch, 909 Greenleaf, Wilmette, IL 60091

ANY CIRKUT PARTS AND PIECES, EITHER NEEDED OR FOR SALE, LISTED HERE FREE, JUST SEND ME YOUR DATA.

**3rd ANNUAL  
IAPP  
CONFERENCE  
MARCH 24-27, 1986  
LAS VEGAS, NEVADA**

**INTERNATIONAL  
ASSOCIATION OF PANORAMIC  
PHOTOGRAPHERS**

Richard G. Fowler  
1739 Limewood Lane  
Orlando, FL 32818 USA



**FIRST CLASS MAIL**