



Calibration Certificate

Wild Lens Cone / ~~Camera~~

No. 15 UAg.II No. 3009

Type: RC 10

This calibration certificate replaces the
previous certificate issued on 22.9.72

Lens Cone / Camera

Type: RC 10
 No.: 15 UAg.II 3009
 Format: 9" x 9"

Lens Calibration date: 13.2.74

Type: Universal - Aviogon II
 No.: 3009
 f = 152.86 mm
 max. aperture: f/4

Resolving Power (Lines per millimeter)

High contrast and max. aperture f/4.7

Film: Agfapan 25 Professional
 Glass plate:

	0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°	55°	60°
rad.	84	84	93	80	49	48	72	69	26	10			
tang.	84	84	51	44	47	49	44	57	49	38			

rad.													
tang.													

Distortion in millimeters

The given distortion is the arithmetic mean of the four semi-diagonals. Positive values denote image displacement away from center.


Goniometer measurements made with no filter on Lens Cone / ~~Camera~~

Calibrated focal length: 152.86 mm

Radius	20	40	60	80	100	120	140	148
Distortion	-0.001	0.000	0.000	+0.001	+0.001	-0.002	0.000	+0.004

The displacement of the principal point of autocollimation from the intersection of the diagonals (fiducial center) is within 0.015 mm.

Date of Dispatch: 14.2.74

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Limited


Lens Cone/Camera**Lens****Calibration date:** 13.2.74

Type: RC 10

Type: Universal - Aviogon II

Format: 9" x 9"

No.: 3009

f = 152.86 mm

Coordinates (Origin: Fiducial Center) of

Point of best Symmetry (S):

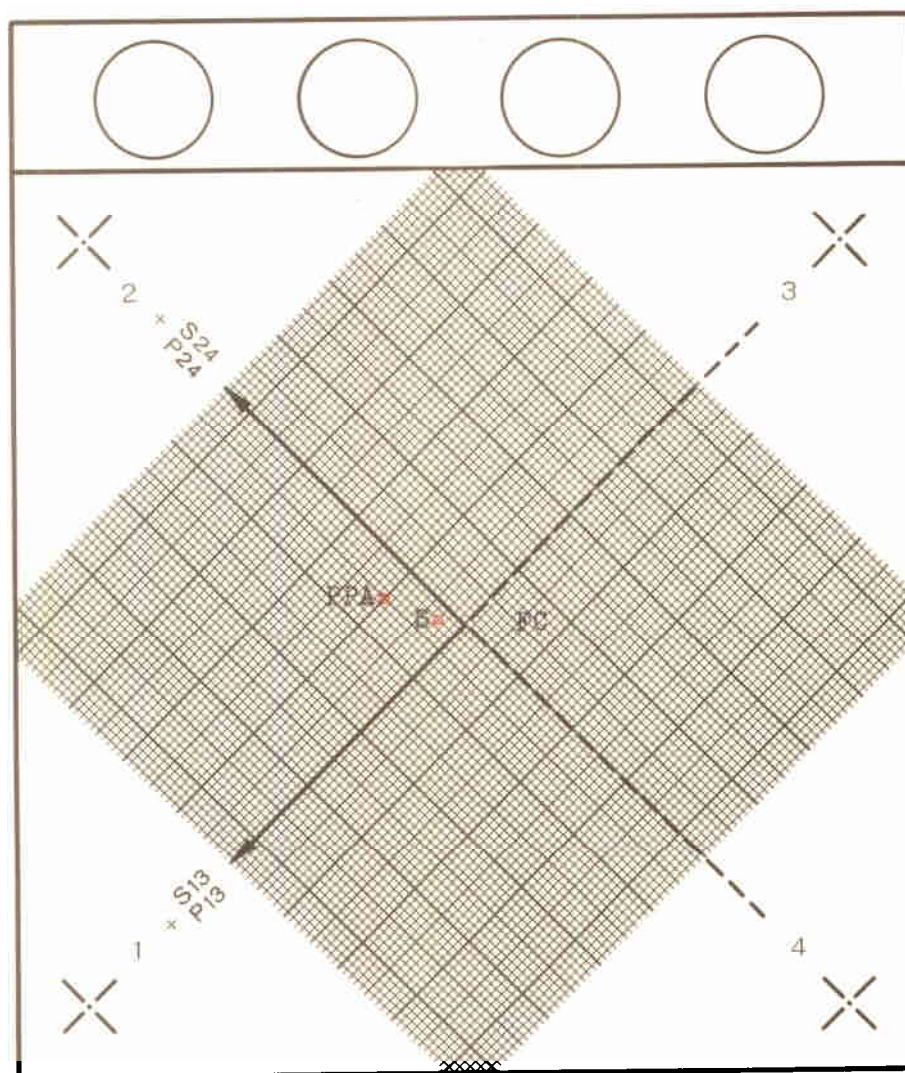
S13 = 2 μ m S24 = 3 μ m

Principal Point of Autocollimation (PPA):

P13 = 5 μ m P24 = 10 μ m

(Calibration without filter)

(Seen on Focal Plane Frame)



SCALE: 1000:1

Distances between Fiducial Marks in mm:

1 - 2 = 212.013

1 - 3 = 299.826

2 - 3 = 212.009

2 - 4 = 299.838

3 - 4 = 212.018

4 - 1 = 212.013

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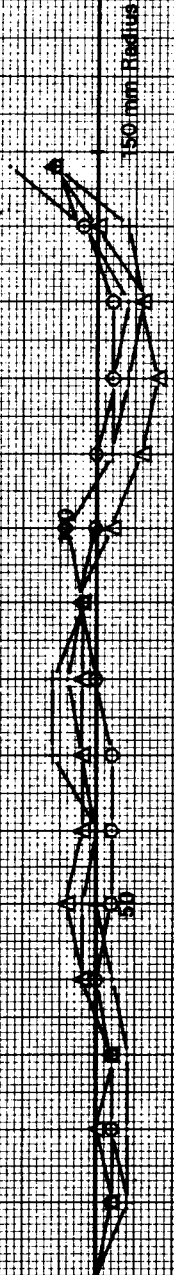
WILD UNIVERSAL-AMIGON II Lens Core 9" x 9" No. 15 UAg. II 3009 f = 152.86 mm

Opt. origin o

f = 152.86

100

- 1
- + 3
- A - 2
- O - 4



Origin Point of Symmetry

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13.2.74
S

WILD UNIVERSAL AMIOGON II Lens Cone 9" x 9" No. 13 UAg. II 3009 f = 152.86 mm

Distribution

f = 152.86

50

100

150 mm Radius

Main Radius Distribution Curve

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13.2.76

SKG