

## Calibration Certificate

### Wild Lens Cone / ~~Camera~~

**No.** 15 UAg. II No. 3008

**Type:** RC 10

This calibration certificate replaces the  
previous certificate issued on 10.11.72

### Lens Cone / Camera

Type: RC 10  
 No.: 15 UAg.II 3008  
 Format: 9" x 9"

### Lens Calibration date: 29.8.74

Type: Universal - Aviogon II  
 No.: 3008  
 f = 153.02 mm  
 max. aperture: f/4

### Resolving Power (Lines per millimeter)

High contrast and max. aperture f/4

Film: Agfapan 25 Professional  
 Glass plate:

	0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°	55°	60°
rad.	83	106	104	57	44	34	72	78	29	12			
tang.	83	83	73	55	52	55	62	44	31	19			

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: 153.02 mm

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

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

Date of Dispatch: 30.8.74

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**Lens Cone/Camera****Lens****Calibration date:** 29.8.74

Type: RC 10

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Format: 9" x 9"

No.: 3008

f = 153.02 mm

Coordinates (Origin: Fiducial Center) of

Point of best Symmetry (S):

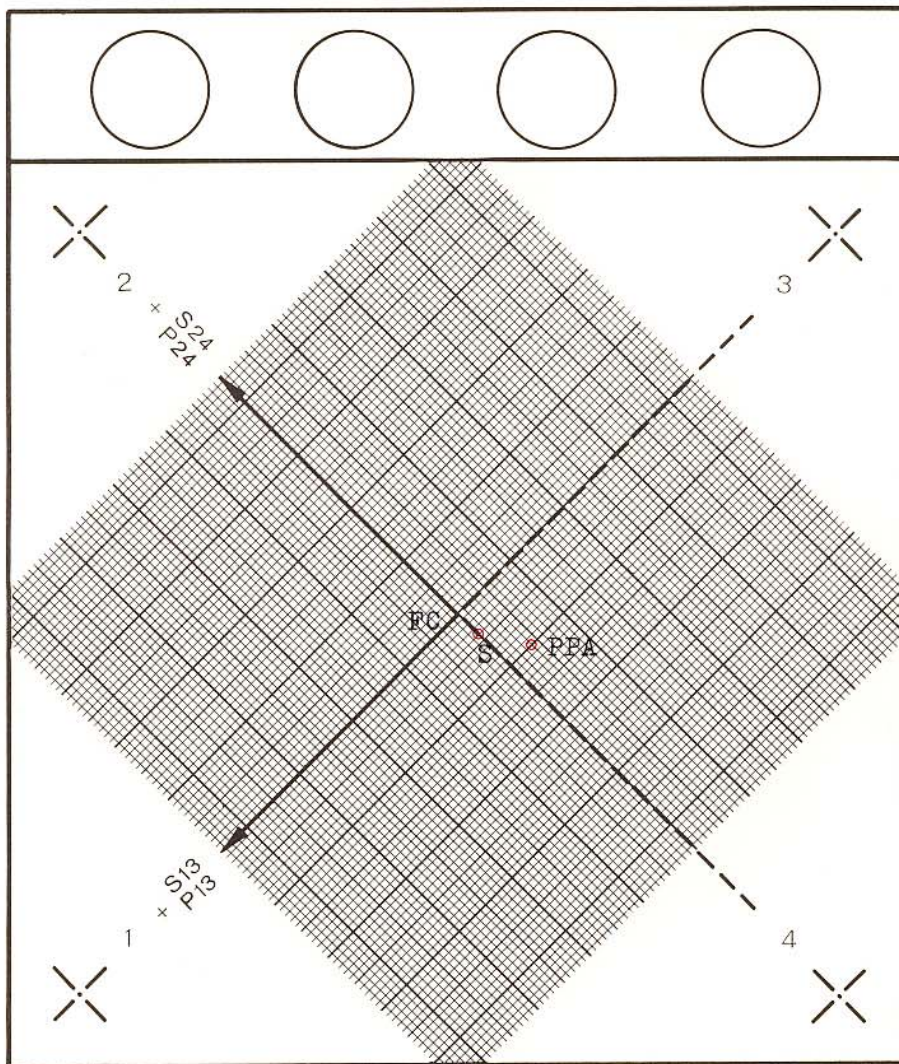
S13 = 0  $\mu\text{m}$  S24 = - 4  $\mu\text{m}$ 

Principal Point of Autocollimation (PPA):

P13 = -4  $\mu\text{m}$  P24 = -10  $\mu\text{m}$ 

(Calibration without filter)

(Seen on Focal Plane Frame)



SCALE: 1000:1

Distances between Fiducial Marks in mm:

1 - 2 = 212.016

1 - 3 = 299.833

2 - 3 = 212.011

2 - 4 = 299.832

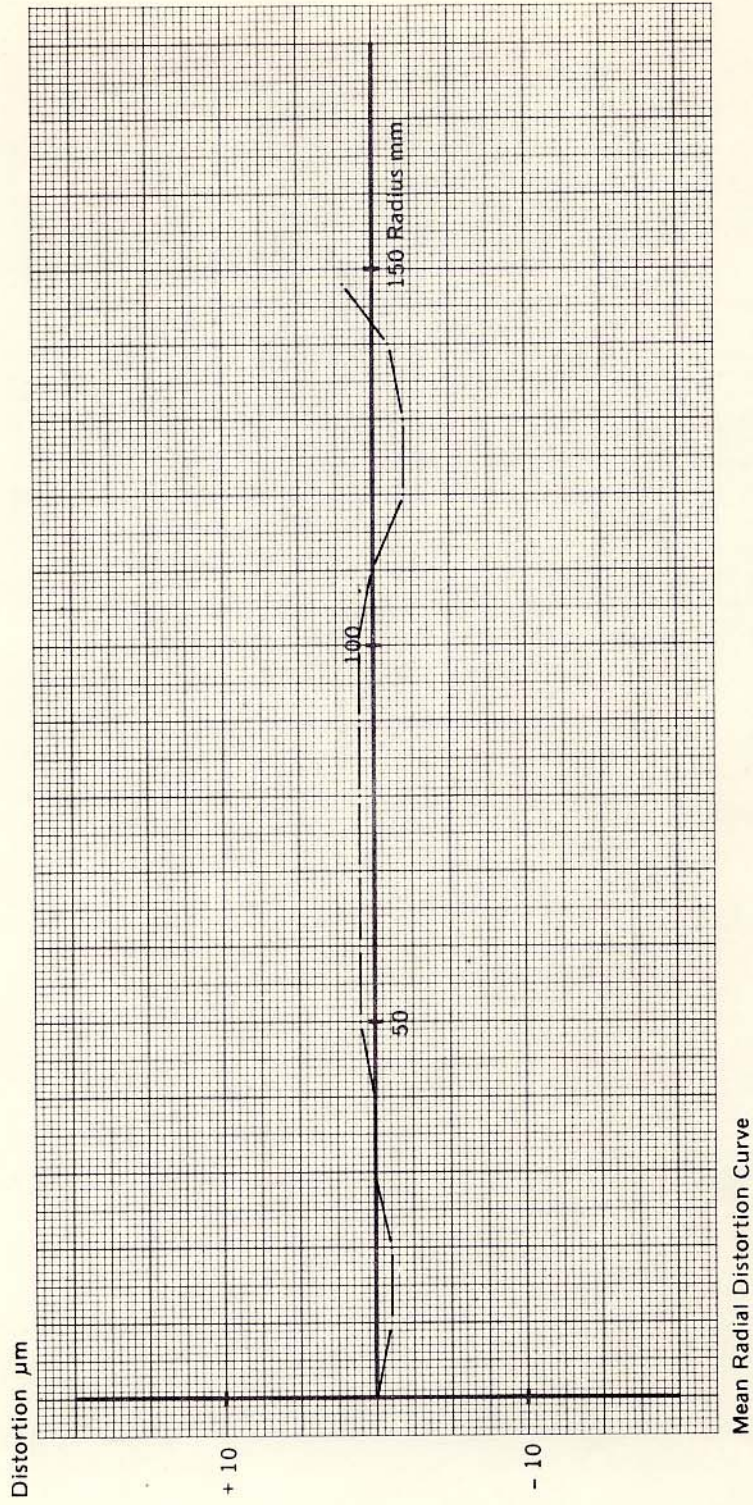
3 - 4 = 212.015

4 - 1 = 212.013

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SFC.

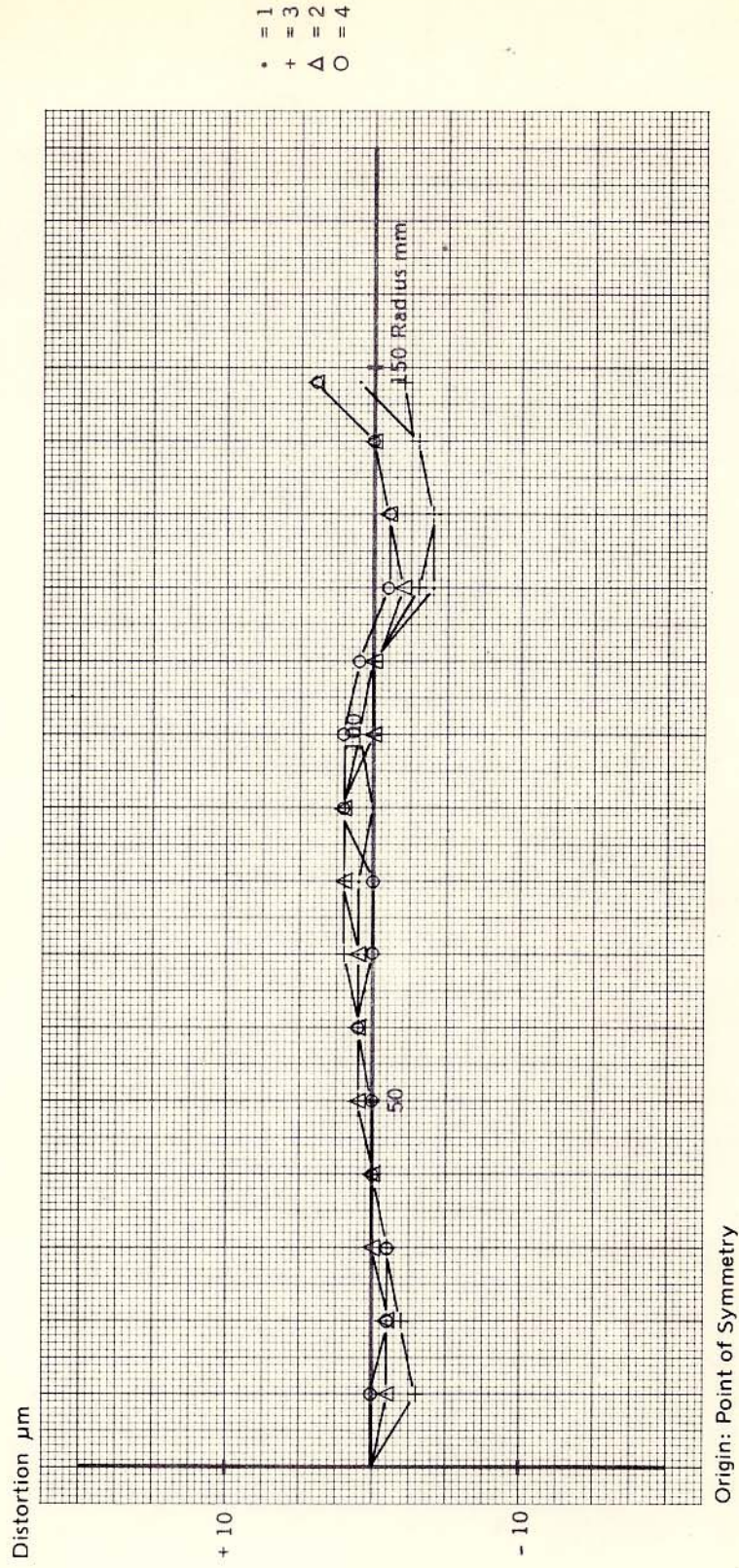
WILD RC10    UNIVERSAL-AVIOGON II    Lens Cone 9" x 9"    15 UAg.II 3008    f = 153.02    mm



Mean Radial Distortion Curve

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