

Forsälles ov nytt 11/3-70

**Calibration Certificate**

**Wild Camera No.** 15 UAg. 481

**Lens Cone**

Type: RC5/RC8  
 No.: 15 UAg. 481  
 Size: 9" x 9"

**Lens      Calibration date: 16.10.68**

Type: **Universal - Aviogon**  
 No.: 481  
 f = 151.95 mm  
 max. aperture: f:5.6

**Resolving Power (Lines per millimeter)**

High contrast and max. aperture f:5.6

Film: **Agfa IP 15 blank**  
 Glass plate:

	0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°	55°	60°
rad.	53	53	52	51	55	43	51	49	26	8			
tang.	53	53	51	49	47	49	44	40	35	17			

rad.													
tang.													

**Distortion in millimeters**

The given distortion is the arithmetic mean of the four half-diagonals. Positive values denote image displacement outwards.

Goniometer measurements made with ~~Agfa IP 15~~ **no filter on lens cone.**

Calibrated focal length: 151.95 mm

Radius	20	40	60	80	100	120	140	148
Distortion	+0.005	+0.007	+0.005	0.000	-0.004	-0.008	0.000	+0.010

The displacement of the principal point of autocollimation from the intersection of the diagonals (fiducial center) is within 0.01 mm

Date of Dispatch: 23.10.68

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 Limited  
*PA.*

LENS CORE

LENS

CALIBRATION DATE: 16.10.68

Type: RC5/RC8

Type: Universal - Aviogon

Format: 9" x 9"

No.: 15 UAg. 481 f = 151.95 mm

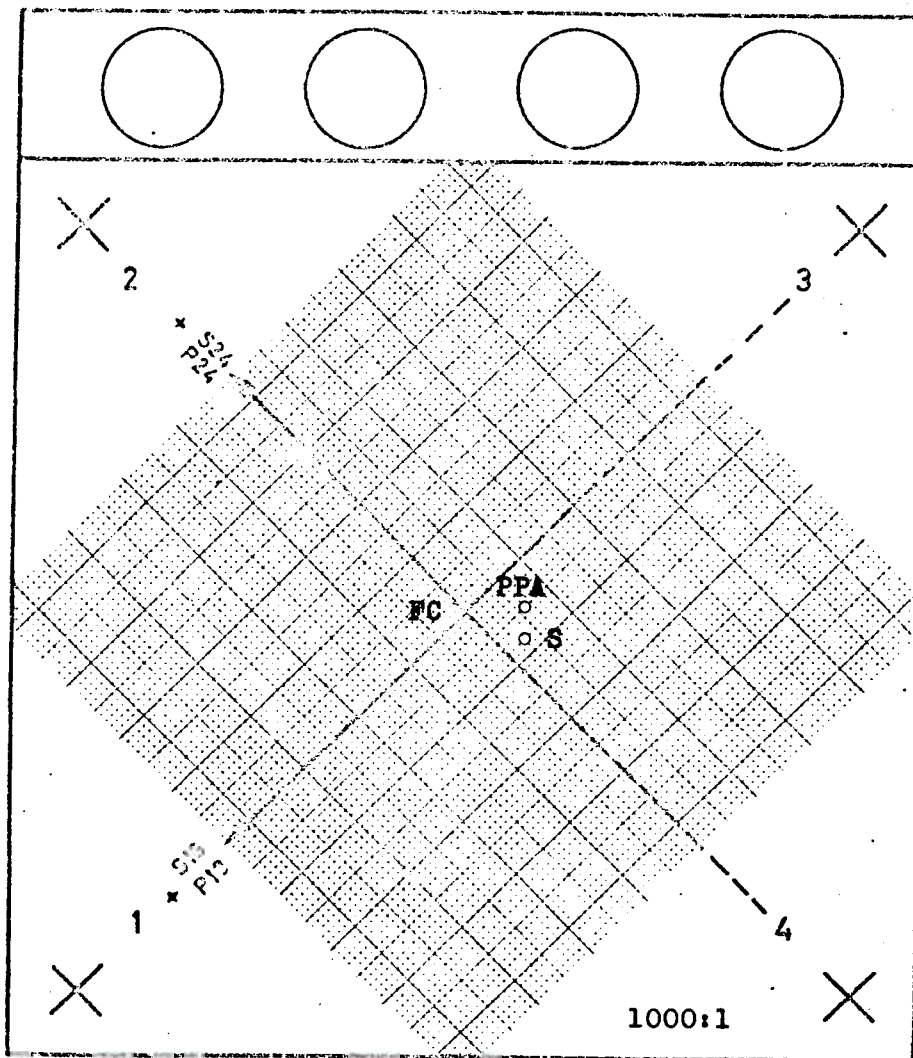
Coordinates (Origin: Fiducial Center) of

Point of best Symmetry (S): S13 = -3  $\mu$  ; S24 = -8  $\mu$

Principal Point of Autocollimation (PPA): P13 = -6  $\mu$  ; P24 = -5  $\mu$

(Calibration without filter)

(Seen on Focal Plane Frame)



Distances between Fiducial Marks in mm :

1 - 2 = 211.998      1 - 3 = 299.828

2 - 3 = 212.008      2 - 4 = 299.811

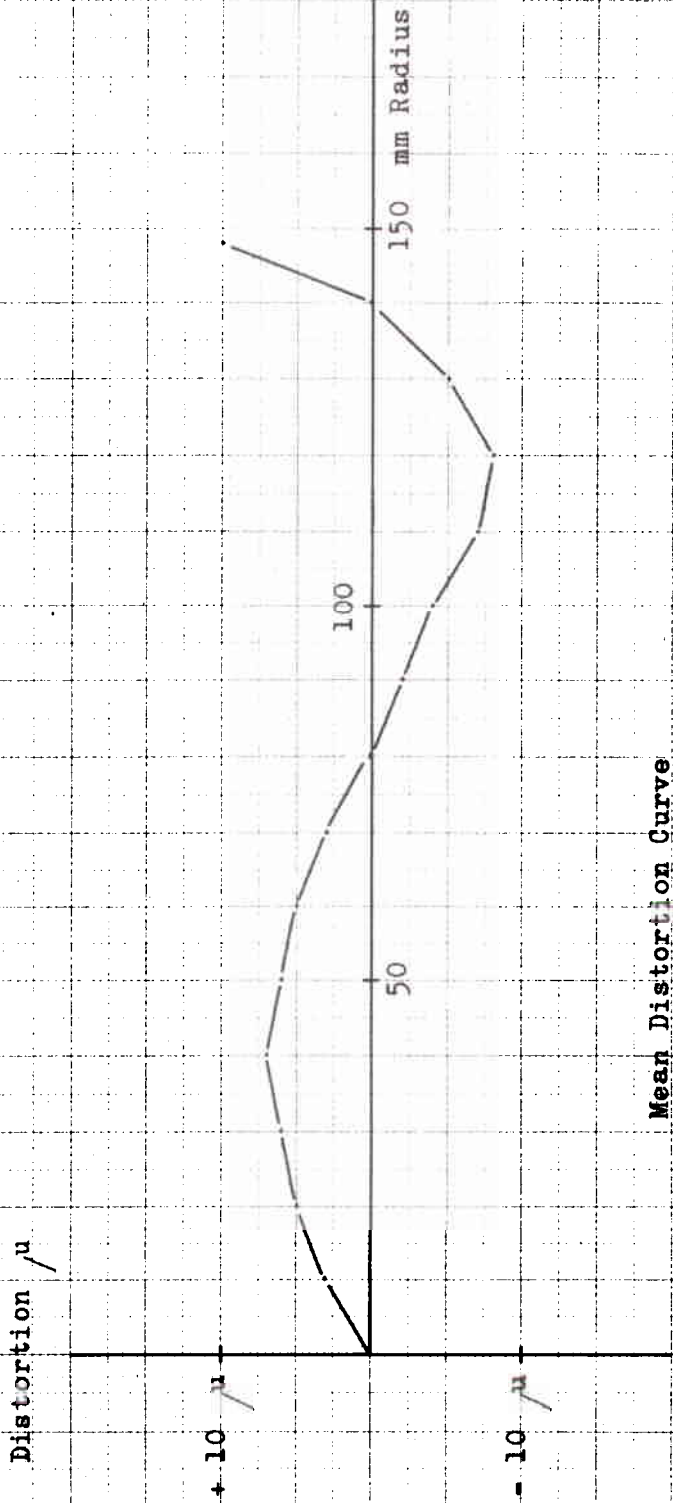
3 - 4 = 212.017

4 - 1 = 211.997

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*R.*

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Mean Distortion Curve

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*RA*

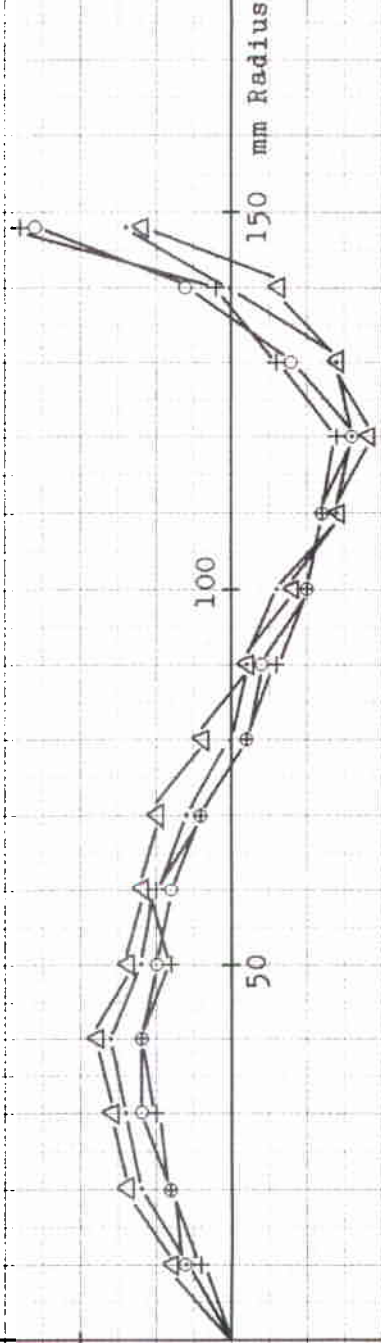
WILD UNIVERSAL - AVIOCON Lens Cone 9" x 9" No. 15 UAG. 481 f = 151.95 mm

Distortion  $\mu$

+ 10  $\mu$

- 10  $\mu$

- = 1
- + = 3
- $\Delta$  = 2
- o = 4



150 mm Radius

Origin: Point of Symmetry

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*MR*