

~~12.7.66~~



Calibration Certificate

17.3.66

Wild Camera No.15 Ag. 164
Lens No. 164

**This calibration certificate replaces the
previous certificate issued on 13.2.61**

Lens Cone

Type: **BC5/BC8**
 No.: **15 Ag. 164**
 Size: **9" x 9"**

Lens Calibration date: **17.3.66**

Type: **Aviagon**
 No.: **164**
 f = **153 mm**
 max. aperture: **f:5.6**

Resolving Power (Lines per millimeter)

High contrast and max. aperture **f:5.6**

Film: **Agfa Isopan IFF 13 Planfilm**

Glass plate:

	0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°	55°	60°
rad.	53	53	52	51	55	48	51	49	24	7			
tang.	53	53	51	49	47	49	44	40	35	19			

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 ~~Aviagon~~ **no filter on lens cone.**

Calibrated focal length: **152.37 mm**

Radius	20	40	60	80	100	120	140	148
Distortion	+0.006	+0.008	+0.004	+0.001	-0.005	-0.006	-0.001	+0.007

The displacement of the principal point of autocollimation from the intersection of the diagonals (fiducial center) is within **0.02 mm**

Date of Dispatch: **22.3.66**

WILD HEERBRUGG
 Limited *jam*

LENS CONE

LENS

CALIBRATION DATE: 17.3.66

Type: RC5/RC8

Type: Aviogon

Format: 9" x 9"

No.: 15, Ag. 164 f = 152.37 mm

Coordinates (Origin: Fiducial Center) of

Point of best Symmetry (S):

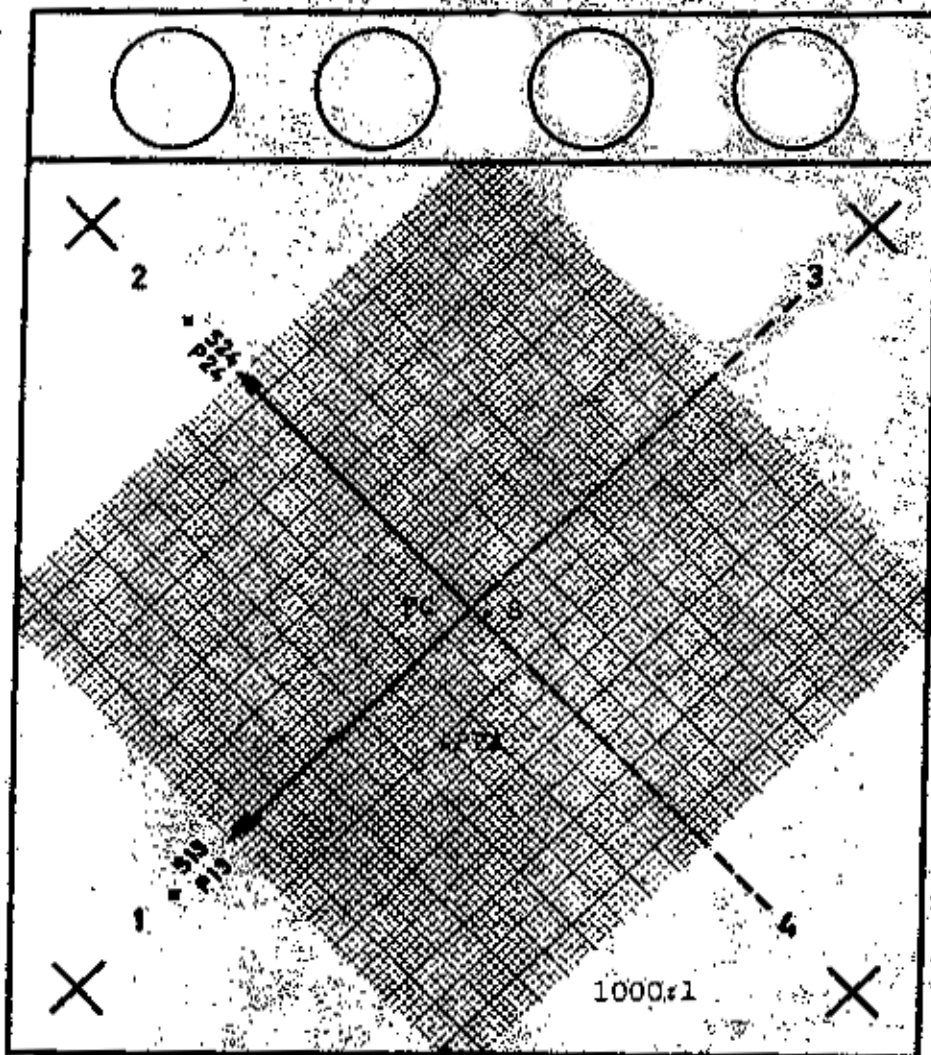
S13 = -1μ ; S24 = -2μ

Principal Point of Autocollimation (PPA):

P13 = $+15 \mu$; P24 = -11μ

(Calibration without filter)

(Seen on Focal Plane Frame)



Distances between Fiducial Marks in mm :

- | | |
|-----------------|-----------------|
| 1 - 2 = 211.989 | 1 - 3 = 299.801 |
| 2 - 3 = 212.004 | 2 - 4 = 299.804 |
| 3 - 4 = 211.997 | |
| 4 - 1 = 211.988 | |

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Gamm.

