

CALIBRATION NO: AF / 15 UAG II 3103 / 6

DATE:

25.11.02

Aerofilms Limited

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Tel:

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CAMERA CALIBRATION CERTIFICATE

WILD LENS CONE

No.

15 UAGII 3103

Type: UNIVERSAL AVIOGON II

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CALIBRATION No. AF/ 15 UAGII 3103 / 6

DATE OF CALIBRATION: 25.11.02

LENS TYPE: UNIVERSAL AVIOGON II

Serial No: 15 UAGII 3103

FILTER TYPE: None Fitted

Serial No:

ORIGIN OF MEASUREMENTS 0: The point of Symmetry

SIGN CONVENTION: Distortion is positive if away from origin

CALIBRATED AT A TEMPERATURE OF 20°C

BACK OF CAMERA

CALIBRATION PERFORMED BY: I PARKINSON

MEASUREMENTS

CALIBRATED PRINCIPAL DISTANCE: 153.436 mm

COORDINATES OF POINT OF SYMMETRY

x = -0.005

y = -0.014

COORDINATES OF PRINCIPAL POINT OF AUTOCOLLIMATION

x = -0.002

y = 0.000

INSTRUMENTS 3 2 +X

RADIAL DISTORTION IN MILLIMETRES:

Radius (mm)	20	40	60	80	100	120	140
Semi diagonal (1)	-0.002	0.000	0.001	0.005	0.005	0.000	-0.005
Semi diagonal (2)	-0.003	-0.003	-0.002	0.003	0.003	0.001	-0.001
Semi diagonal (3)	-0.003	-0.002	-0.001	0.003	0.005	0.002	-0.003
Semi diagonal (4)	-0.001	0.000	0.000	0.004	0.003	0.001	-0.006
Mean	-0.002	-0.001	0.000	0.004	0.004	0.001	-0.004

BEFORE CALIBRATION THE OPTICAL UNIT WAS CHECKED AND FOUND TO BE IN A SERVICEABLE CONDITION.

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LENS: UNIVERSAL AVIOGON

NO: 15 UAGII 3103 / 6

DATE: 25.11.02

CALIBRATED FOCAL LENGTH: 153.436 mm

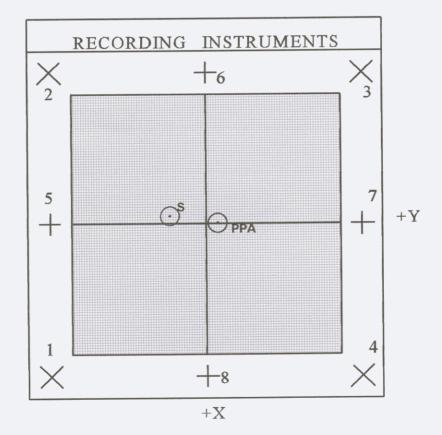
FIDUCIAL COORDS

POINT	X MM	Y MM		
FC	0.000	0.000		
S	-0.005	-0.014		
PPA	-0.002	0.000		

FIDUCIAL MARKS REFERRED TO F.C. ARE ACROSS THE CORNER FIDUCIALS

PPA: PRINCIPAL POINT OF AUTOCOLLIMATION

: POINT OF BEST SYMMETY S



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FIDUCIAL MEASUREMENTS FOR LEICA RC10 FOUR FIDUCIALS

CAMERA: 15 UAGII 3103

DATE: 28.03.01

FIDUCIAL COORDINATES (CORNERS)

X1 = 106.003

X2 = -106.000

X3 = -105.999

X4 = 105.996

Y1 = -106.003

Y2 = -105.990

Y3 = 105.993

Y4 = 106.000

DISTANCES (DIAG)

1 - 3 = 299.811

2- 4 = 299.803

DISTANCES (SIDE)

1 - 2 = 212.013

3 - 4 = 211.994

2 - 3 = 211.982

4 - 1 = 212.003





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RESOLUTION

LENS TYPE: UNIVERSAL AVIOGON II SERIAL NO: 15 UAGII 3103

FOCAL LENGTH: 153.436mm

APERTURE:

F4

FILM TYPE:

AGFAPAN 25 PROFESSIONAL

HIGH CONTRAST TEST CHART

RESOLUTION	
Radial	Tangential
75	75
84	74
104	58
58	56
40	47
43	49
52	63
77	63
32	31
13	19
	Radial 75 84 104 58 40 43 52 77 32

Measured by: WILD 05.05.85

Approved by:

DATE: 25.11.02

Simmons Aerofilms

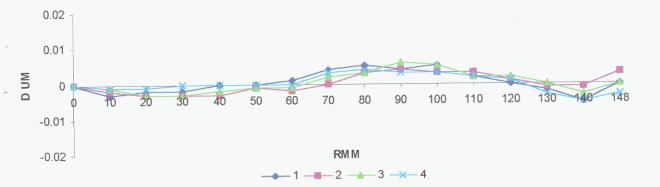
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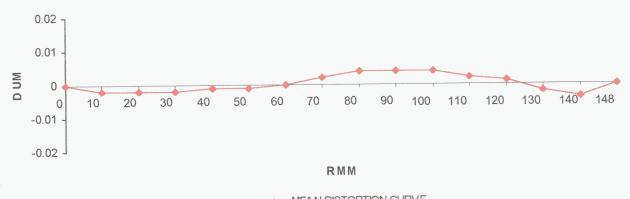
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FILTER ON CAMERA:

None Fitted

APERTURE: F4





- MEAN DISTORTION CURVE

ORIGIN=POINT OF SYMMETRY

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