

CALIBRATION NO: AF / 15 UAG II 3103 / 5

DATE: 28.03.01

Aerofilms Limited

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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 / 5

DATE OF CALIBRATION: 28.03.01

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

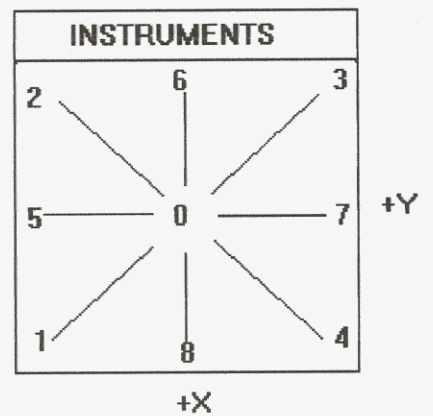
CALIBRATED PRINCIPAL DISTANCE : 153.435 mm

COORDINATES OF POINT OF SYMMETRY

x = -0.005 y = -0.005

COORDINATES OF PRINCIPAL POINT OF AUTOCOLLIMATION

x = -0.011 y = 0.006



RADIAL DISTORTION IN MILLIMETRES :

Radius (mm)	20	40	60	80	100	120	140
Semi diagonal (1)	-0.002	-0.001	0.000	0.005	0.005	-0.001	-0.004
Semi diagonal (2)	-0.001	-0.003	0.001	0.003	0.003	-0.002	-0.002
Semi diagonal (3)	-0.001	-0.002	0.001	0.002	0.004	0.000	-0.003
Semi diagonal (4)	-0.001	-0.001	0.000	0.004	0.005	-0.001	-0.006
Mean	-0.002	-0.002	0.001	0.003	0.005	-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 / 5

DATE : 28.03.01

CALIBRATED FOCAL LENGTH : 153.435 mm

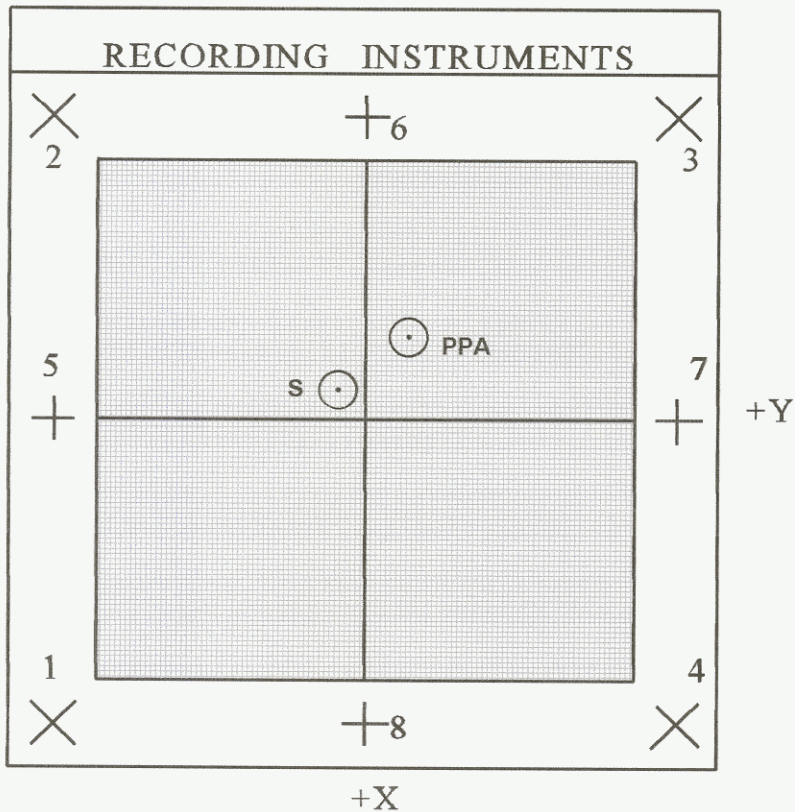
FIDUCIAL COORDS

POINT	X MM	Y MM
FC	0.000	0.000
S	-0.005	-0.005
PPA	-0.011	0.006

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

PPA : PRINCIPAL POINT OF AUTOCOLLIMATION

S : POINT OF BEST SYMMETY



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Simmons  Aerofilms

**FIDUCIAL MEASUREMENTS FOR LEICA RC10
FOUR FIDUCIALS**

CAMERA : 15 UAGII 3103

DATE : 28.03.01

FIDUCIAL COORDINATES (CORNERS)

X1 = 106.005	X2 = -106.007	X3 = -106.001	X4 = 106.003
Y1 = -106.003	Y2 = -105.999	Y3 = 105.997	Y4 = 106.005

DISTANCES (DIAG)	1 - 3 = 299.818	2 - 4 = 299.823
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DISTANCES (SIDE)	1 - 2 = 212.012	3 - 4 = 212.004
	2 - 3 = 211.996	4 - 1 = 212.008

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CALIBRATION NO: AF/ 15 UAGII 3103 / 5
RESOLUTION

DATE : 28.03.01

LENS TYPE: UNIVERSAL AVIOGON II

SERIAL NO: 15 UAGII 3103

FOCAL LENGTH: 153.435mm

APERTURE: F4

FILM TYPE: AGFAPAN 25 PROFESSIONAL

HIGH CONTRAST TEST CHART

DEGREES OFF AXIS	RESOLUTION	
	Radial	Tangential
0	75	75
5	84	74
10	104	58
15	58	56
20	40	47
25	43	49
30	52	63
35	77	63
40	32	31
45	13	19
50		
55		
60		

Measured by: WILD 05.05.85

Approved by:

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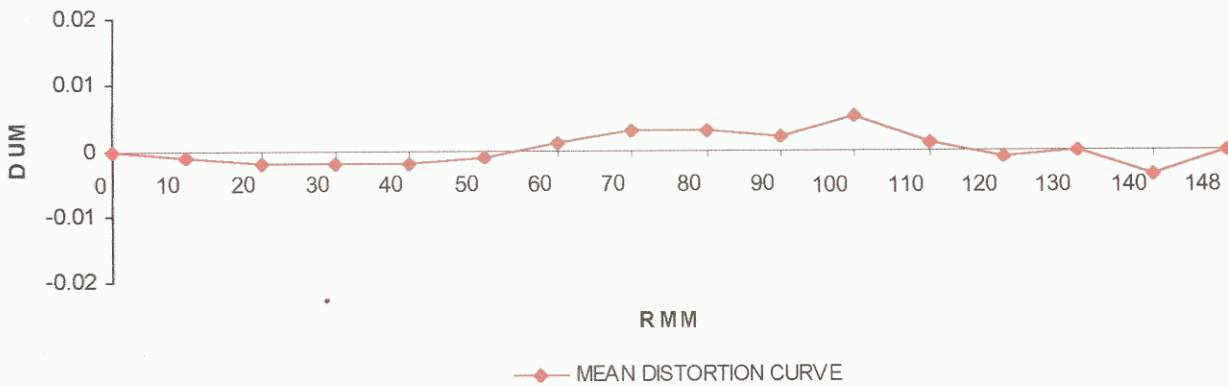
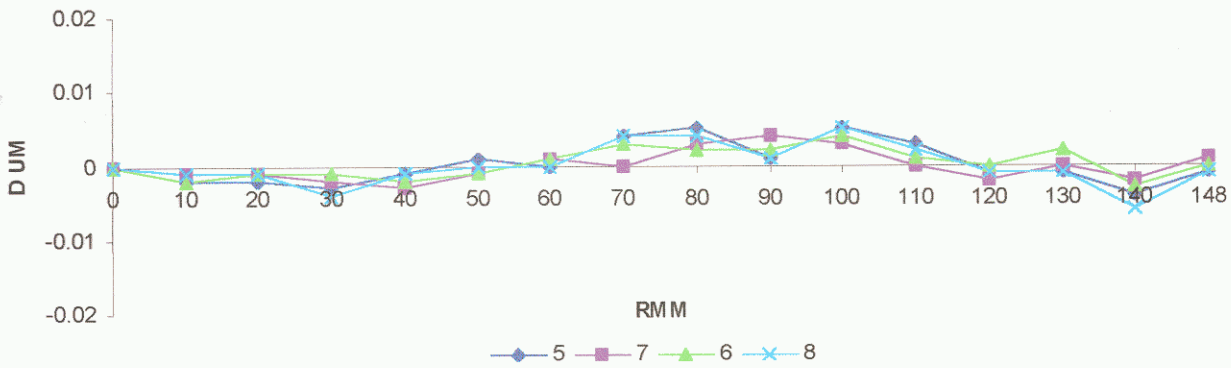

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CALIBRATION NO : AF /15 UAGII 3103 / 5

DATE : 28.03.01

FILTER ON CAMERA : None Fitted

APERTURE : F4



ORIGIN=POINT OF SYMMETRY

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