

**CALIBRATION NO:** AF/15 UAG II 3103 / 4

**DATE:** 28.1.99

Aerofilms Limited  
Gate Studios  
Station Road  
Borehamwood  
Herts WD6 1EJ

Tel: 0181-207 0666

Fax: 0181-207 5433

## **CAMERA CALIBRATION CERTIFICATE**

WILD LENS CONE

No. 15 UAGII 3103

Type: UNIVERSAL AVIOGON II (RC10)

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CALIBRATION No. AF/ 15 UAG II 3103 / 4

DATE OF CALIBRATION: 28.1.99

LENS TYPE : UNIVERSAL AVIOGON II

Serial No : 15 UAG II 3103

FILTER TYPE : None Fitted

Serial No : -

ORIGIN OF MEASUREMENTS o: 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

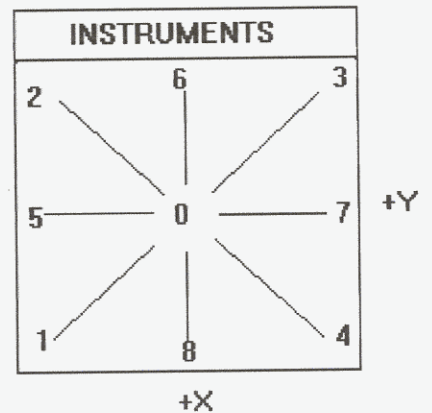
CALIBRATED PRINCIPAL DISTANCE : 153.438 mm

COORDINATES OF POINT OF SYMMETRY

x = -0.006 y = 0.003

COORDINATES OF PRINCIPAL POINT OF AUTOCOLLIMATION

x = 0.009 y = -0.002



RADIAL DISTORTION IN MILLIMETRES :

Radius (mm)	20	40	60	80	100	120	140
Semi diagonal (1)	-0.004	-0.003	-0.001	0.003	0.005	0.001	-0.003
Semi diagonal (2)	-0.004	-0.005	-0.001	0.004	0.002	-0.002	0.007
Semi diagonal (3)	-0.002	-0.002	0.001	0.001	0.001	-0.004	0.002
Semi diagonal (4)	-0.004	-0.003	0.000	0.003	0.004	0.002	0.002
Mean	-0.003	-0.003	0.000	0.003	0.003	-0.001	0.002

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

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LENS : UNIVERSAL AVIOGON II

NO : 3103

DATE : 28.1.99

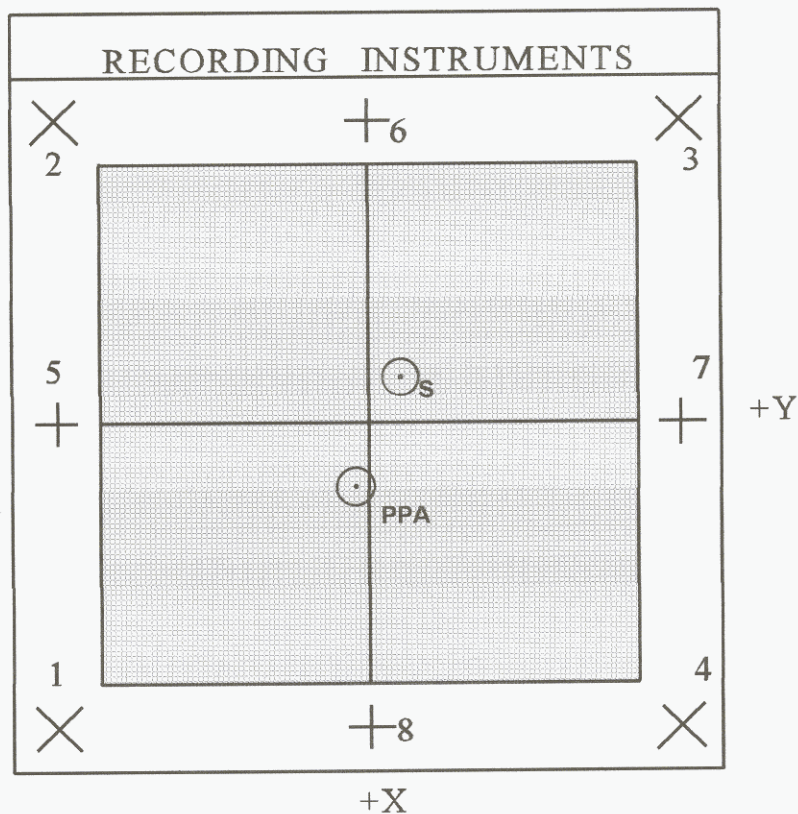
CALIBRATED FOCAL LENGTH : 153.438 mm

FIDUCIAL COORDS

POINT	X MM	Y MM
FC	0.000	0.000
S	-0.006	0.003
PPA	0.009	-0.002

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

PPA : PRINCIPAL POINT OF AUTOCOLLIMATION  
S : POINT OF BEST SYMMEY



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# FIDUCIAL MEASUREMENTS FOR WILD RC10

## FOUR FIDUCIALS

CAMERA : 15 UAGII 3103

DATE : 28.1.99

### FIDUCIAL COORDINATES (CORNERS)

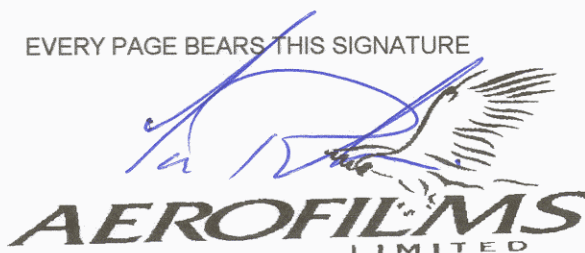
X1 = 106.001	X2 = -105.999	X3 = -106.005	X4 = 106.003
Y1 = -105.999	Y2 = -105.999	Y3 = 106.001	Y4 = 105.997

DISTANCES (DIAG)      1 - 3 = 299.818                      2 - 4 = 299.812

DISTANCES (SIDE)      1 - 2 = 212.001                      3 - 4 = 211.009  
   2 - 3 = 212.000                      4 - 1 = 211.996

OPTIMUM DISTANCE DIAGONAL	299.813	MAX ERROR	0.025
OPTIMUM DISTANCE SIDE	212.000	MAX ERROR	0.020

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CALIBRATION NO: AF/ 15 UAG II 3103 / 4  
RESOLUTION

DATE : 28.1.99

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

FOCAL LENGTH: 153.438mm

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 5.5.85

Approved by:

Everage bears this signature

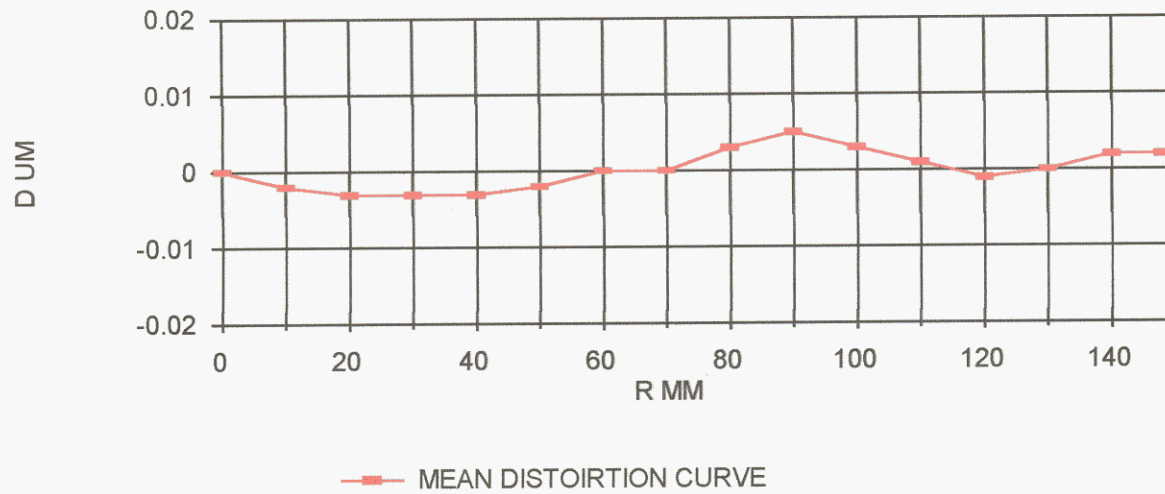
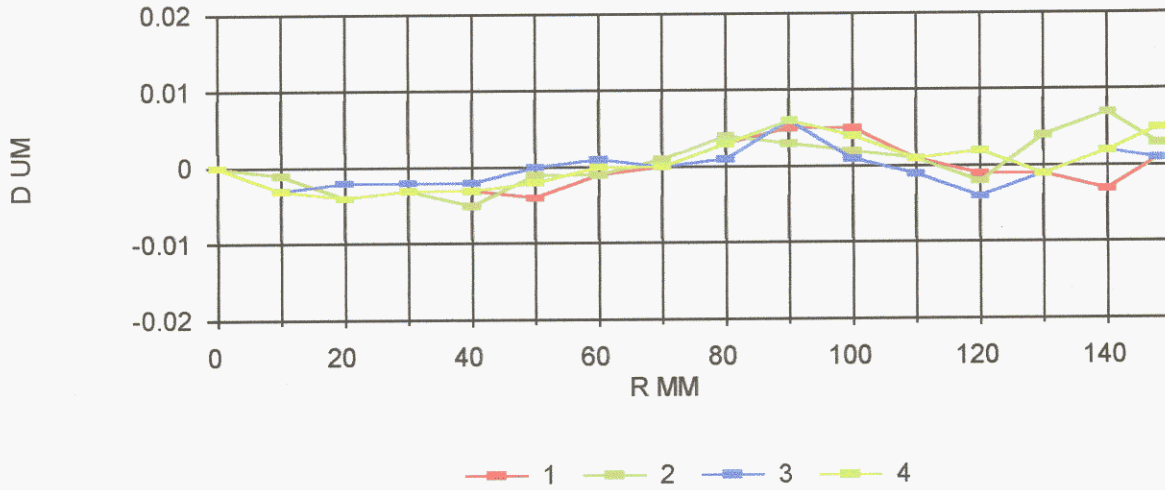


CALIBRATION NO : AF/ 15 UAG II 3103 / 4

DATE : 28.1.99

FILTER ON CAMERA : None Fitted

APERTURE : F4



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ORIGIN=POINT OF SYMMETRY

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