



# Aerofilms

CALIBRATION NO: AF/15UAGII 3103/2

DATE: 15.4.94

**Aerofilms Limited**

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## CAMERA CALIBRATION CERTIFICATE

### WILD LENS CONE

NO. 15UAGII 3103 RC10

TYPE: WILD UNIVERSAL AVIOGON II



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CALIBRATION No. AF/15UAGII 3103/2

DATE OF CALIBRATION 5.4.94

LENS TYPE: WILD UNIVERSAL AVIOGON II  
RC10

Serial No.: 15UAGII 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

CALIBRATION PERFORMED BY: D T PHILPOT

### MEASUREMENTS

CALIBRATED PRINCIPAL DISTANCE: 153.444 mm

COORDINATES OF POINT OF SYMMETRY

x = -0.009 y = +0.008

COORDINATES OF PRINCIPAL POINT OF AUTOCOLLIMATION

x = +0.002 y = +0.001

### RADIAL DISTORTION IN MILLIMETRES:

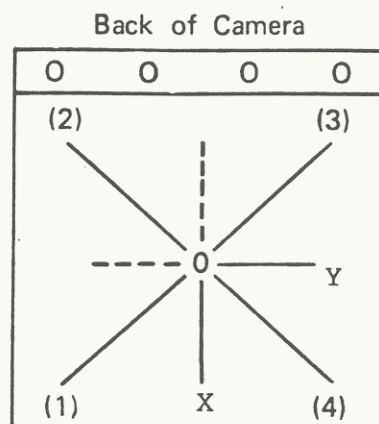
Radius (mm)	20	40	60	80	100	120	140
Semi diagonal (1)	-0.005	-0.003	-0.001	+0.003	+0.003	+0.001	+0.000
Semi diagonal (2)	-0.004	-0.005	-0.002	+0.002	+0.000	+0.000	+0.001
Semi diagonal (3)	-0.001	+0.000	+0.002	+0.003	+0.000	-0.003	-0.003
Semi diagonal (4)	-0.003	-0.003	-0.001	+0.001	+0.002	+0.002	+0.000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

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



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LENS : WILD UNIVERSAL NO.: 15UAGII 3013 CALIBRATION DATE 5.4.94  
AVIOGON II

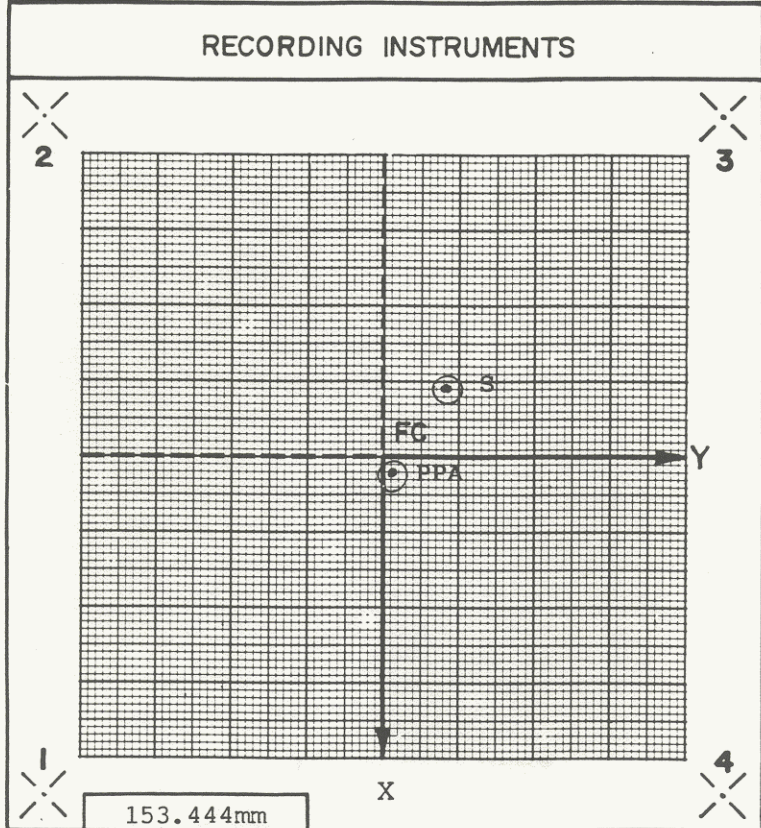
FIDUCIAL COORDS

POINT	X MM	Y MM		
FC	0.000	0.000		
S	-0.009	+0.008		
PPA	+0.002	+0.001		
1	+105.997	-105.994	1-2	212.013
2	-106.015	-106.001	2-3	212.000
3	-105.989	+105.999	3-4	211.998
4	+106.008	+105.997	4-1	211.991
			1-3	299.799
			2-4	299.829

FIDUCIAL MARKS REFERED TO F.C.

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

(SEEN ON IMAGE PLANE FRAME)



## RESOLUTION

LENS TYPE: WILD UNIVERSAL AVIOGON II SERIAL No.: 15UAGII 3013

FOCAL LENGTH: 153.444mm

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		

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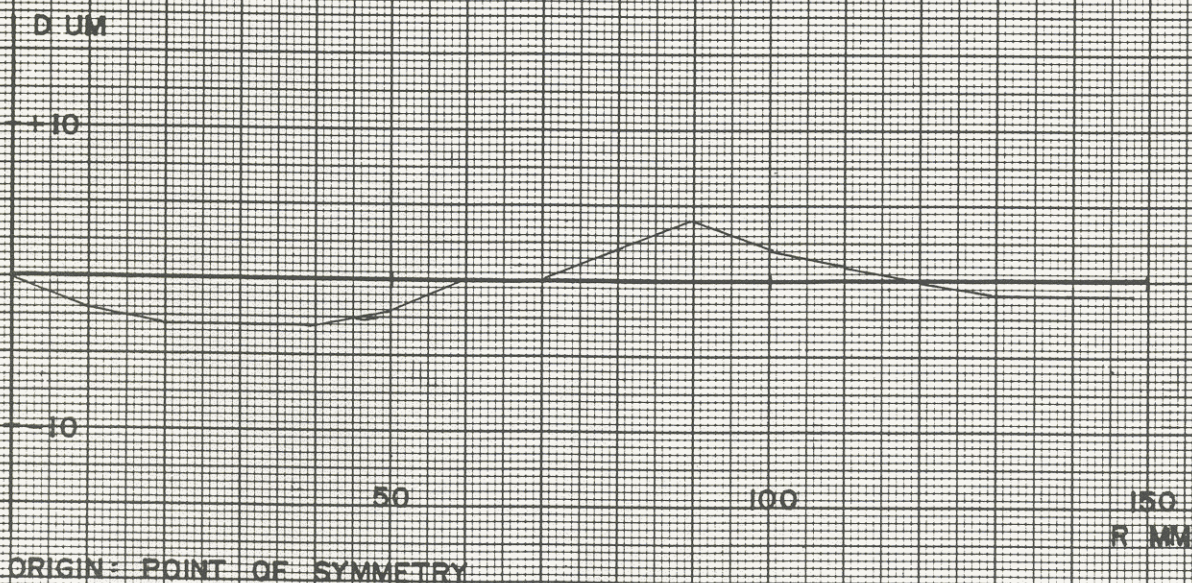
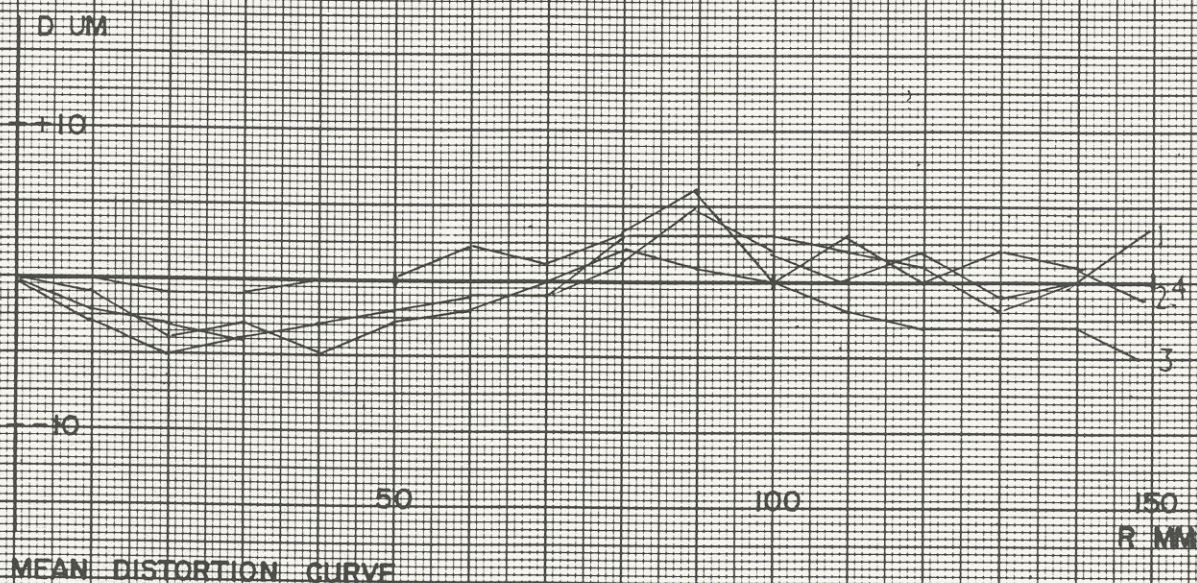
  
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Measured by: WILD 5.5.85

Approved by:



C.F.L. 153.444mm  
FILTER ON CAMERA NONE FITTED  
APERTURE F4



AF/15UAG11 3103/2  
5.4.94



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