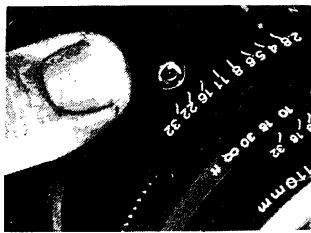
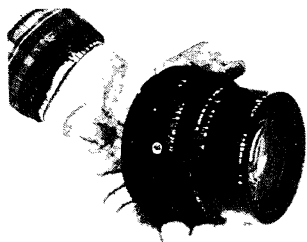


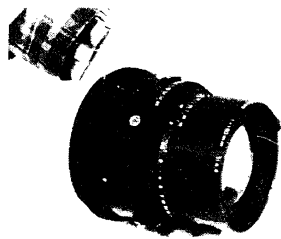
modern tests



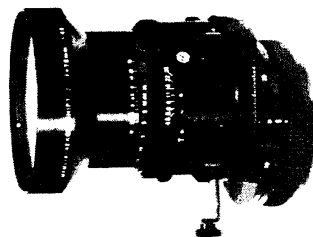
Standard PC receptacle on RZ lenses enables two flash units to be fired at once. Second unit mounts in dedicated hot shoe (not shown) on left side.



Wide-angle 65mm f/4 Mamiya-Sekor Z is scarcely larger than the 100mm normal lens despite its complex seven-element inverted tele design.



A fine portrait tele that focuses to just under 6 ft. the 180mm f/4.5 Mamiya-Sekor Z is reasonably light (1 lb. 10³/₁₆ oz.) and is nicely balanced for hand-held shooting.



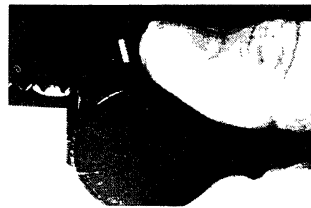
New 75mm f/4.5 Mamiya-Sekor Z Shift Lens for RZ67 debuted at PMA Show in March. An 11-element, 9-group inverted tele design, it has apertures to f/32, focusing to under 18 in. It can be offset up to 20mm from central axis in any direction by releasing and rotating lens to locked click-stopped settings placed at 10° intervals along its circumference.

the extraordinarily good performance figures for the RZ67 and its lenses, this is one camera that produces the kind of on-film results that justify its high-tech specifications. Incredibly, despite its noticeably better all-around performance than its predecessor it's also ³/₄ in. shorter and 9³/₁₆ oz. lighter (with nearly-one-stop faster 110mm f/2.8 lens versus the RB's 90mm f/3.8) than the "old" but still-in-production RB. Nevertheless, the Mamiya RZ67 is still larger and heavier than, say, a Hasselblad, and luckily for the world's pros, it's still a studio camera at heart even though it should (with meter prism and motor) be more at home hand-held in the field than ever before.

Basically what Mamiya has done is to take one very fine medium-format camera design concept and refine it into something truly magnificent while retaining all the appealing elements of its original character. It is, perhaps, the most successful update of an existing camera design we have run across in the past two decades. We congratulate the engineers responsible for it and commend it almost without reservation to the pros and advanced amateurs who will have the pleasure of using it.

Field test slides: 65mm f/4. Wide open, results were slightly

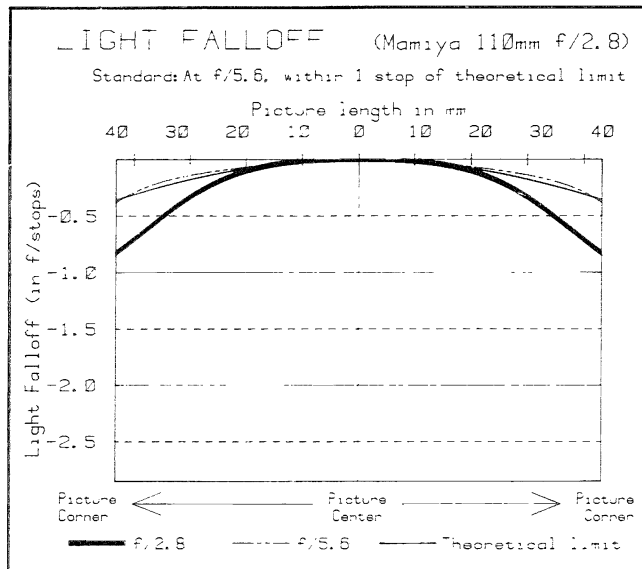
Continued on page 98



Some things never change, like this focus lock lever which was virtually intact from original RB67.



Convenient depth-of-field preview lever on lower left of RZ lens barrel is nearly identical to ones on RB67 lenses.



PERFORMANCE

Our Standard	Tested
Focal length: ±5% (104.50-115.50)	111.07mm
Aperture: ±5% (f 2.66-f 2.94)	f 2.89
Distortion: (±2.0%)	<1%
Light falloff: at f 5.6, -1 stop from theoretical limit (0-2.1 stops)	0.8 stops

RESOLUTION

Mamiya 110mm f/2.8 at 1:20 Magnification				
f/ no.	Center (Lines/mm)	Corner (Lines/mm)		
2.8	Excellent	40	Excellent	25
4	Excellent	50	Excellent	25
5.6	Excellent	57	Excellent	28
8	Excellent	63	Excellent	36
11	Excellent	63	Excellent	45
16	Excellent	57	Excellent	45
22	Excellent	45	Excellent	36
32	Excellent	36	Excellent	32

CONTRAST

Mamiya 110mm f/2.8 at 30 lines/mm				
f/ no.	Center (%)	Corner (%)		
2.8	High	64	High	42
4	High	67	High	56
5.6	High	74	High	60
8	High	74	High	62
11	High	72	High	57
16	High	57	High	40
22	High	44	High	36
32	High	40	High	35

PERFORMANCE

Our Standard	Tested
Focal length: ±5% (61.75-68.25)	66.52mm
Aperture: ±5% (f 3.80-f 4.20)	f 4.17
Distortion: (±3.0%)	<1% (barrel)
Light falloff: at f 5.6, -1 stop from theoretical limit (0-3.4 stops)	0.9 stops

RESOLUTION

Mamiya 65mm f 4 at 1:20 Magnification				
f/ no.	Center (Lines/mm)	Corner (Lines/mm)		
4	Excellent	44	Excellent	20
5.6	Excellent	44	Excellent	22
8	Excellent	62	Excellent	28
11	Excellent	62	Excellent	31
16	Excellent	56	Excellent	31
22	Excellent	44	Excellent	31
32	Excellent	35	Excellent	25

CONTRAST

Mamiya 65mm f 4 at 30 lines/mm				
f/ no.	Center (%)	Corner (%)		
4	High	57	High	40
5.6	High	58	High	40
8	High	60	High	42
11	High	60	High	46
16	High	56	High	44
22	High	52	High	40
32	High	45	High	34

PERFORMANCE

Our Standard	Tested
Focal length: ±5% (171.00-189.00)	180.18mm
Aperture: ±5% (f 4.28-f 4.73)	f 4.66
Distortion: (±3.5%)	<1%
Light falloff: at f 5.6, -1 stop from theoretical limit (0-1.5 stops)	0.8 stops

RESOLUTION

Mamiya 180mm f 4.5 at 1:21 Magnification				
f/ no.	Center (Lines/mm)	Corner (Lines/mm)		
4.5	Excellent	46	Excellent	29
5.6	Excellent	46	Excellent	33
8	Excellent	52	Excellent	33
11	Excellent	52	Excellent	36
16	Excellent	52	Excellent	36
22	Excellent	46	Excellent	33
32	Excellent	41	Excellent	29
45	Excellent	29	Excellent	23

CONTRAST

Mamiya 180mm f 4.5 at 30 lines/mm				
f/ no.	Center (%)	Corner (%)		
4.5	High	42	V. Low	6
5.6	High	45	V. Low	8
8	High	46	Low	16
11	High	48	Medium	23
16	High	41	High	28
22	Medium	34	High	34
32	High	44	High	42
45	High	44	High	50

