



Photograph notes for the Digital Workshop of 6 October 2009

(Barry Pearson, 7 October 2009)

	Summary	Focal length	Aperture (F-no.)	Shutter speed	Sensitivity (ISO)
	Illustrates the constraints - not enough depth of field, risky speed for hand-held.	31mm	f/9.5	1/45	100
	Too much depth of field. Lens blur used with gradient to blur the trees a little. Her left foot moving slightly - probably just right. Noise reduction not used on clothes.	180mm	f/6.5	1/350	200
	Not enough depth of field. (Extra sharpening at tip of kayak to improve slightly).	300mm	f/6.5	1/500	200
	OK against the odds - more depth of field would have been safer. Noise reduction not used for the butterfly itself.	100mm	f/5.6	1/250	400
	Depth of field right.	250mm	f/11	1/1000	800
	Snatched shot, but depth of field accidentally just OK. More would be safer.	180mm	f/5.6	1/4000	800



Would be interesting to see this with lots more depth of field.

Noise reduction damaged texture in hat & clothes, so not used there.

68mm f/13 1/250 800



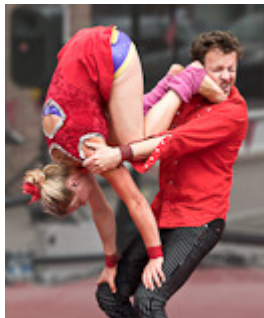
Too much depth of field, so lens blur (etc) used.

250mm f/11 1/500 800



In retrospect, depth of field OK.

25mm f/11 1/250 800



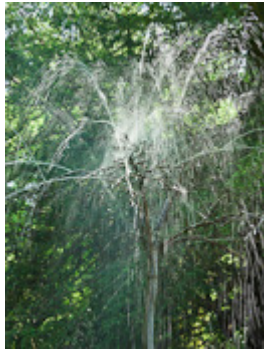
Too much depth of field, so lens blur used. (I always use noise reduction before lens blur).

75mm f/8 1/250 800



Rain in streaks - shutter speed OK. No noise reduction, to protect rain.

250mm f/8 1/125 800



Water in streaks - shutter speed OK.

53mm f/8 1/30 200



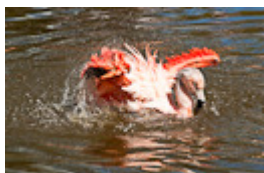
Water sharp.

28mm f/8 1/1000 400



Water sharp.

17mm f/11 1/500 800



Water sharp, bird wingtip movement.

300mm f/8 1/750 200



Water sharp.

250mm f/5.6 1/8000 1600



Ignition sharp.

250mm f/8 1/1000 800



Aircraft sharp - propeller stopped. Noise reduced in sky.

250mm f/8 1/2000 800



One plane very slightly blurred - faster shutter speed preferred. Noise reduced in sky.

200mm f/11 1/4000 800



Too much depth of field, shutter speed OK.

108mm f/11

1/500

800



Extreme panning effect - worked in practice.

60mm f/22

1/30

100



Too much depth of field, not quite enough pan effect, those added later later. Noise reduction throughout.

170mm f/16

1/180

800

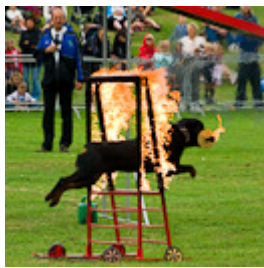


Hm! Hard to pan through a S-shaped chicane.

128mm f/27

1/90

800



Dog is sharp enough.

200mm f/11

1/500

800



Helicopter sharp - rotor nearly stopped.

300mm f/11

1/2000

800

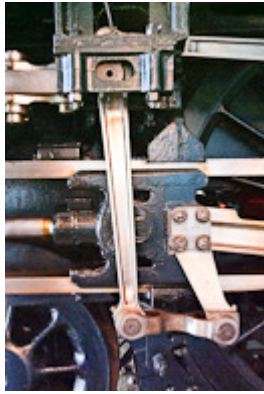


Plenty (too much) depth of field.

43mm f/11

1/2000

800



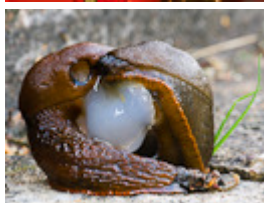
Handheld - slight camera shake. Noise reduced throughout. 24mm f/8 1/4 1600



Not enough depth of field. Noise reduced throughout. 45mm f/4 1/10 800



Not enough depth of field. Noise reduced throughout. 45mm f/4 1/20 800



Depth of field about right; hand-held and lucky to get it sharp. Noise reduced throughout. 100mm f/13 1/16 1600