

Photographer's Logbook

STEARMAN
PRESS LLC



Large Format Innovations

Notes: _____

Property of: _____

Phone: _____

Email: _____

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Film Holder:	Date: / / :
Camera:	Lens:
Film:	Meter Reading
ISO: _____ f/ _____ @ _____ sec EV: _____	
Comments:	
Actual Exposure: f/ _____ @ _____ sec	
Notes:	
(over)	
Film Holder:	Date: / / :
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ISO: _____ f/ _____ @ _____ sec EV: _____	
Comments:	
Actual Exposure: f/ _____ @ _____ sec	
Notes:	
(over)	

EV @ ISO 100	Description	ISO 50	ISO 100	ISO 200	ISO 400
0	Subjects lit by dim artificial light.			f/2.8 @ 4 s	f/2.8 @ 2 s
1	Distant view of lighted skyline at night.		f/2.8 @ 4 s	f/2.8 @ 2 s	f/2.8 @ 1 s
2	Lighted buildings at night.	f/2.8 @ 4 s	f/2.8 @ 2 s	f/2.8 @ 1 s	f/4 @ 1 s
3	Indoor scene lit by dim window light.	f/2.8 @ 2 s	f/2.8 @ 1 s	f/4 @ 1 s	f/5.6 @ 1 s
4	Candle lit subjects. Floodlit buildings.	f/2.8 @ 1 s	f/4 @ 1 s	f/5.6 @ 1 s	f/8 @ 1 s
5	Auditoriums. Subjects near campfires.	f/4 @ 1 s	f/5.6 @ 1 s	f/8 @ 1 s	f/8 @ 1/2
6	Brightly lit home interiors at night.	f/5.6 @ 1 s	f/8 @ 1 s	f/8 @ 1/2	f/8 @ 1/4
7	Well lit office. Stage shows.	f/8 @ 1 s	f/8 @ 1/2	f/8 @ 1/4	f/11 @ 1/4
8	Campfires. Well lit sporting events.	f/8 @ 1/2	f/8 @ 1/4	f/11 @ 1/4	f/11 @ 1/8
9	Landscapes, 10 minutes after sunset.	f/8 @ 1/4	f/11 @ 1/4	f/11 @ 1/8	f/16 @ 1/8
10	Landscapes at sunset or sunrise.	f/11 @ 1/4	f/11 @ 1/8	f/16 @ 1/8	f/22 @ 1/8
11	Sunsets. Subjects in deep shade.	f/11 @ 1/8	f/16 @ 1/8	f/22 @ 1/8	f/22 @ 1/15
12	Open shade or heavy overcast.	f/16 @ 1/8	f/22 @ 1/8	f/22 @ 1/15	f/22 @ 1/30
13	Cloudy (no shadows).	f/22 @ 1/8	f/22 @ 1/15	f/22 @ 1/30	f/22 @ 1/60
14	Overcast or hazy sunlight.	f/22 @ 1/15	f/22 @ 1/30	f/22 @ 1/60	f/32 @ 1/60
15	Full sunlight (strong shadows).	f/32 @ 1/15	f/22 @ 1/60	f/32 @ 1/60	f/45 @ 1/60
	Sunny f/16 rule.	f/16 @ 1/50	f/16 @ 1/100	f/16 @ 1/200	f/16 @ 1/400
16	Subject in bright daylight on sand or snow.	f/32 @ 1/30	f/32 @ 1/60	f/45 @ 1/60	f/45 @ 1/125

Be aware of reciprocity effects at exposures over 1 sec.
 Visit <https://shop.stearmanpress.com> for more info.

Shutter Speed Compensation

Adjust your exposure for "non-standard" shutter speeds.

Speed		f/stop
1	1.000	0
5/6	0.833	1/3
2/3	0.667	- 1/3
1/2	0.500	0
2/5	0.400	1/3
1/3	0.333	- 1/3
1/4	0.250	0
1/5	0.200	1/3
1/6	0.167	- 1/3
1/8	0.125	0
1/10	0.100	1/3
1/12	0.083	- 1/3
1/15	0.067	0
1/20	0.051	1/3
1/25	0.040	- 1/3
1/30	0.033	0
1/40	0.025	1/3
1/50	0.020	- 1/3
1/60	0.017	0
1/75	0.013	1/3
1/100	0.010	- 1/3
1/125	0.0080	0
1/150	0.0067	1/3
1/200	0.0053	- 1/3
1/250	0.0040	0
1/300	0.0032	1/3
1/400	0.0025	- 1/3
1/500	0.0020	0

1. Calculate the exposure.

Example: f/11 @ 1/60 sec.
(But the closest speed on your shutter is 1/50.)

2. Find the standard shutter speed in the chart (in bold).

3. Now find the closest available speed.

Example: 1/50 0.020 -1/3

4. Adjust the f/stop as shown in the chart.

Example: to subtract 1/3 of a stop, set the aperture 1/3 of the way between f/11 and f/16 (about 12.7).

Notes:

-1/3 : less light (larger number)
+1/3: more light (smaller number)
(We've adjusted the values for usability. Besides, you can't set your aperture to 1/10 of a stop anyway.)

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