



Sierra Vista Camera Club

Since 1974

February 2025 Newsletter

www.svcameraclub.com



Five Things You Might Not Know About Shutter Speed

By Val Sleger (summarized from Photzy ebook)

Let's talk about shutter speed. You are likely familiar with some of the more "common knowledge" things about shutter speed:

- Fast shutter speed stops action
- Slow shutter speed creates motion blur
- Unintended blur or shake can occur with too-slow shutter speed

Here are some lesser-discussed issues with shutter speed.

1. The focal length of your lens affects the outcome of the chosen shutter speed
Telephoto lenses magnify both the image and the camera movement. It's more difficult to get a sharp photo on a telephoto lens. Shorter focal length lenses, which are smaller, are easier to stabilize, and handholding doesn't affect movement nearly as much (if at all.) Photographing the same subject with a 50mm lens, and a 300mm lens, using the same lighting conditions and camera settings, more blur will likely be introduced with the longer lens. You'll likely find you have to **shoot at a faster shutter speed with a longer lens** to avoid introducing unintentional blur.
2. The angle of subject movement relative to camera position affects the outcome of the chosen shutter speed.
The appearance of movement is exaggerated when that movement is perpendicular to our line of vision. Thus, you can use a **slower shutter speed when shooting moving subjects head-on**, and a **faster shutter speed when shooting subject crossing your line of vision**.
3. Movement is accentuated the closer your camera is to the subject that is moving
The closer you are to the subject, the faster your shutter speed must be to stop action.

Continued on next page

Shutter Speed *(continued from page 1)*

4. The relationship between panning and shutter speed

Panning involves focusing on a moving subject and then moving the camera to follow the subject as it passes through your line of vision. The result of successful panning will be a subject that is in focus, and a blurred background. As you might suspect, **the faster the subject is moving, the faster your shutter speed must be in order to get sharp focus on the subject.** Following your pet romping around in the yard, you might find that a shutter speed of 1/125 is more than sufficient to stop motion. Trying to pan on a horse in a race, you'll likely need a shutter speed of 1/1000 or more.

5. There is a rule of thumb for helping to reduce or eliminate unintentional blur

A general rule for ensuring sharp photos is **1/the focal length of your lens.** Shooting with a 50mm lens? You will likely get sharp photos at 1/50 or better. Using a 500mm monster? Set your shutter speed to 1/500. These settings, of course, will affect your ISO and Aperture if you are shooting in shutter priority mode (S on a Nikon, or Tv on a Canon), so be cognizant of that fact.

Weekly Challenge

At each meeting of the Club, held on the 3rd Thursday of each month, four challenge prompts will be presented for the following month. Focus on one word or phrase each week to complete all four to share at the following month's meeting. Folks who can't attend the meetings will get the list in the newsletter. February challenge photos will be shown at the February meeting and included in the March newsletter.

February

PINK, COMPLETE UNKNOWN, B is FOR _____, SELF-PORTRAIT

Meeting Schedule

Meetings are held on the 3rd Thursday of the month at the Sierra Vista Police Station Training Room, 911 Coronado, Sierra Vista. Meetings begin at 4 PM. **February meeting: Take a virtual trip to Italy with guest John Buono as he shares photos from a recent trip to Italy.** Thanks to Ava Englund for suggesting this presentation.

Officers

President: Sheila Foraker

Vice-President & Program

Coordinator: Bob Luce

Secretary: Joyce Genske

Treasurer: Madeleine Charron



January challenge words:

A is for _____

Sweets

Birthday

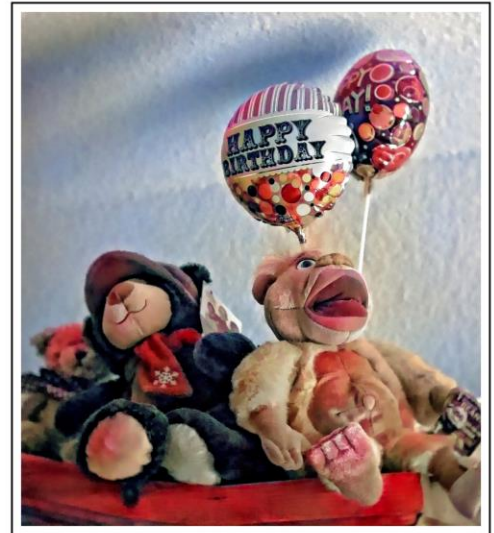
Movie: (Top Gun) Maverick

Submitted by Ande Savage

maverick



Birthday



A is for ace of heart



January challenge words:

A is for _____
Birthday

Sweets
Movie: (Top Gun) Maverick

Submitted by Bob Luce



A is for Arizona Sign (Scotia Canyon)



Sweet



Birthday

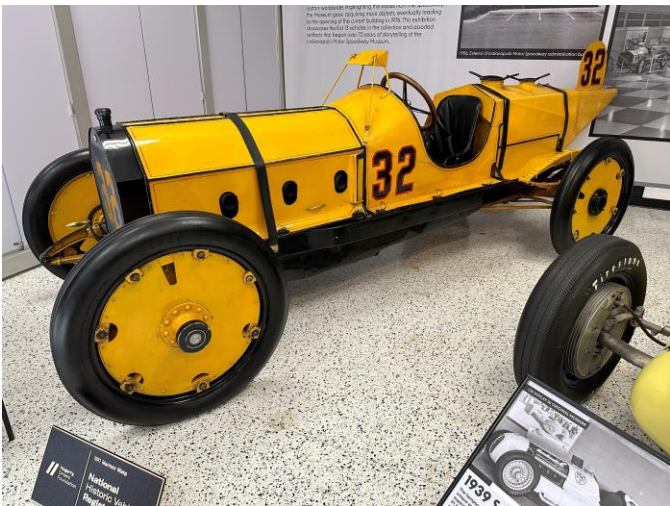


January challenge words:

A is for _____
Birthday

Sweets
Movie: (Top Gun) Maverick

Submitted by Dale Truitt



A is for Automobile



January challenge words:

A is for _____
Birthday

Sweets
Movie: (Top Gun) Maverick

Submitted by Dale Truitt



Birthday



Maverick (John Wayne)

January challenge words:

A is for _____
Birthday

Sweets
Movie: (Top Gun) Maverick

Submitted by Dale Truitt



Sweets



January challenge words:

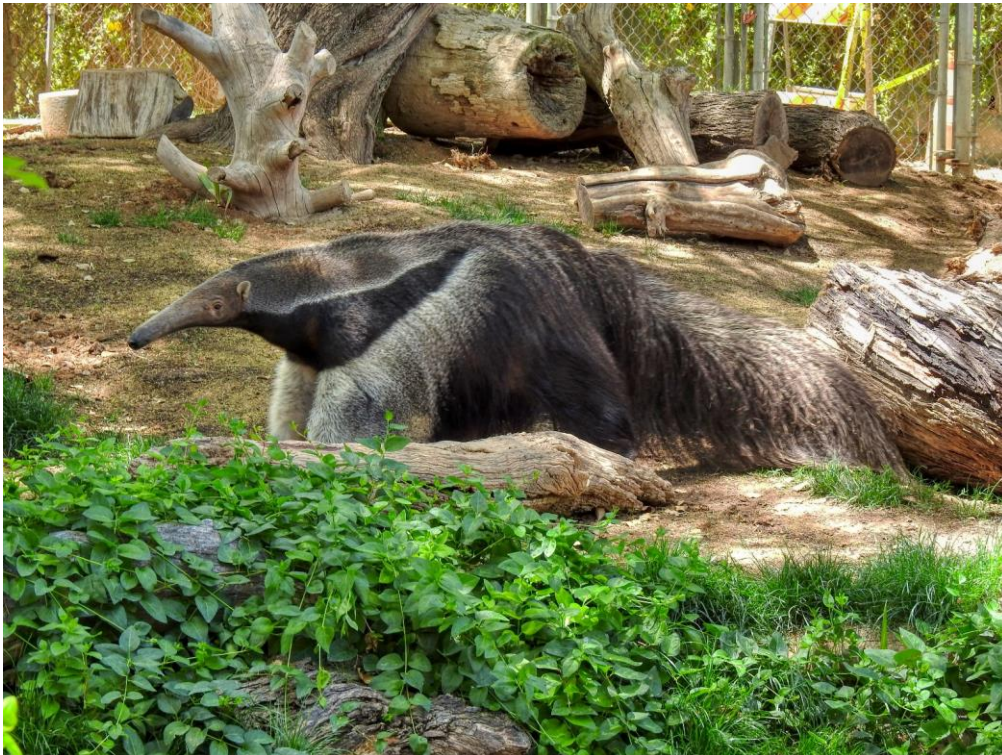
A is for _____
Birthday

Sweets
Movie: (Top Gun) Maverick

Submitted by Joyce Genske



A is for Aerial (Chicago)



A is for Anteater

January challenge words:

A is for _____
Birthday

Sweets
Movie: (Top Gun) Maverick

Submitted by Joyce Genske



A is for Abandoned Auto



Maverick (unbranded)

January challenge words:

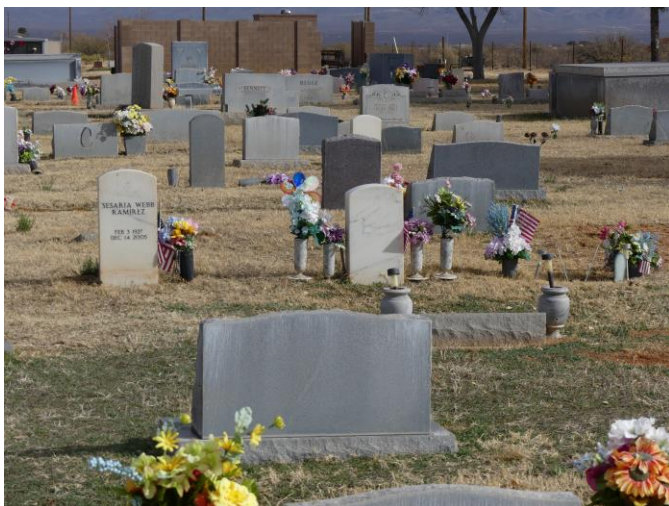
A is for _____
Birthday

Sweets
Movie: (Top Gun) Maverick

Submitted by Sam Scherf



A is for Abyss



Maverick



Sweets

January challenge words:

A is for _____
Birthday

Sweets
Movie: (Top Gun) Maverick

Submitted by Val Sleger



A is for Antelope Canyon



A is for Antelope

January challenge words:

A is for _____
Birthday

Sweets
Movie: (Top Gun) Maverick

Submitted by Val Sleger



Birthday

January challenge words:

A is for _____
Birthday

Sweets
Movie: (Top Gun) Maverick

Submitted by Val Sleger



Maverick

January challenge words:

A is for _____
Birthday

Sweets
Movie: (Top Gun) Maverick

Submitted by Val Sleger



Sweets



January challenge words:

A is for _____
Birthday

Sweets
Movie: (Top Gun) Maverick

Submitted by Stuart Fleck



A is for Amsterdam



Sweets

January challenge words:

A is for _____

Sweets

Birthday

Movie: (Top Gun) Maverick

Submitted by Stuart Fleck



Birthday



Maverick

Photos not linked to the monthly challenge

Submitted by Sheila Foraker



Air Force Thunderbirds



Photos not linked to the monthly challenge

Submitted by Sheila Foraker



Photos not linked to the monthly challenge

Submitted by Sheila Foraker



Photos not linked to the monthly challenge

Submitted by Bob Luce

