



# RENTAL NOTES

**Tyler Camera Systems** is pleased to provide you with a team of in-house experts to assist in coordinating your rental of a Tyler Helicopter Camera Mount. Promptly notify Tyler Camera Systems of any changes in schedule or equipment to avoid additional charges and/or delays. It is imperative that communication between the Production Company and *Tyler Camera Systems* is comprehensive and timely. In determining which type of *Tyler Mount(s)* to use, there are many variables to consider. The following questions can help determine what type of Mount, Camera, Lens, Helicopter, and personnel will best suit your needs and ensure success.

1. What is the subject matter?
2. Are there any physical limitations due to altitude or, distance to subject matter?
3. Is the aerial perspective air-to-ground? If so, is the subject matter stationary or mobile? If mobile, what speed will it be traveling, and over/through what terrain?
4. Is the aerial perspective air-to-air? If so, what speed will the subject matter (aircraft) be traveling, and what is its minimum air-speed?
5. Is there a requirement for time-compression? If so, at what frame rate(s)?
6. Is there a magic-hour shot? If so, will there be a need to change lenses (i.e.: from a zoom to a prime)?
7. Where is the location of the shoot, and is there a landing site close by?
8. Will the helicopter travel to location with the equipment installed, or will it be necessary to install the equipment on location?

A proficient Camera Operator and Helicopter Pilot maximize the likelihood of Getting The Shot. Therefore, we highly recommend that your Operator and Pilot are not only familiar with the *Tyler* equipment, but are frequently involved in shooting aerials. At your request, we can put you in touch with such qualified, independent personnel. Please contact *Tyler Camera Systems'* Rental Department with any other questions you may have. We are pleased to be of service to you.

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## **THERE ARE TWO TYPES OF TYLER HELICOPTER CAMERA MOUNTS... "SIDE-MOUNTS" and "NOSE-MOUNTS". THERE ARE TWO MODELS OF EACH TYPE...**

- The "side-mount" models are called the Middle Mount (for smaller, lighter cameras) and the Major Mount (for larger, heavier cameras).
- The "nose-mount" models are called the Nose Mount (for smaller, lighter cameras) and the Super Nose Mount (for larger, heavier cameras).

### **BECAUSE OF THEIR RESPECTIVE MOUNTING POSITIONS ON A HELICOPTER...**

- Side-mounts are also known as "door-mounts" (because they are situated in the helicopter doorway).
- Nose-mounts are also known as "belly-mounts" (because they are attached underneath the helicopter).

### **THE PRIMARY DIFFERENCE BETWEEN THE TYLER SIDE-MOUNTS AND TYLER NOSE-MOUNTS IS THEIR AERIAL PERSPECTIVE.**

The perspective of a side-mount, is similar to what a passenger in a helicopter observes while looking through a side window. The perspective of a nose-mount is similar to a gun-camera on a World War II Fighter Plane; and as the aircraft banks (or Rolls) so does the camera.

### **SOME OTHER IMPORTANT DIFFERENCES OF THE TYLER SIDE-MOUNTS AND NOSE-MOUNTS:**

Side-mounts are three-axis (Pan, Tilt and Roll) and nose-mounts are one-axis (Tilt only). Side-mounts can utilize a wide range of focal lengths (approx. 17mm up to 500mm) and the nose-mounts have a more limited range of focal lengths (approx. 9.8mm up to 50mm).

- Film cameras generally use a zoom lens when setup on a side-mount, and always use a prime lens when setup on a nose-mount.
- The side-mounts are manually operated and viewing is directly through the eyepiece of the camera. The nose-mounts are remotely operated and viewing is on a monitor via a video-tap.



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