

STEP 1.



Locate a #8 or #10 machine screw for a mounting location. Ensure that it is not directly in front of or on a movable-control surface, propeller, or jet intake. Remove the existing screw, and re-install a new screw that is 0.5 inch (10mm) longer through the surface spud.

STEP 2.



Install the cap with the ball and 3-finger fork on top of the surface spud.

Only one of the 3 fingers is threaded. The screw that attaches the camera must be installed with the screw head opposite the threaded finger in order to keep the camera from shifting in flight.

STEP 3.



Aim the camera, and tighten both set screws to a snug fit. Tighten the socket cap screw in the 3-finger fork to secure the camera. Screws must be snug. Overtightening the screws will strip the threads.

Nflightcam Exterior Ball-Head Mount Instruction Manual



SKU: 535

Non-3-Finger Attachment

This mount will work with non-3-finger attachments. The 3-finger fork is attached to the shaft with medium-strength Loctite and can be removed without excessive force. The shaft has standard 1/4"x20 camera threads and can be attached to any standard camera.

* This mount has been tested with GoPro cameras. If a larger camera is installed, performance cannot be guaranteed.

This mount has not been manufactured as an aircraft part. However, the FAA has issued a letter stating that small action camera mounts do not constitute a major alteration and therefore fall under the category of minor alterations. Ultimately, the installer is responsible for the airworthiness of the mount. If an A&P deems that the mount does not impact structural integrity, aerodynamics, or weight and balance, it can be installed as a minor alteration using the following logbook endorsement:

Installed Nflight Technology SKU 535 on (location) with (fastener size) into an existing nut plate. I have determined that this mount does not adversely effect the structural integrity, aerodynamics, or weight and balance and is therefore a minor alteration.