

STEP 1.



Locate a #6, #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.

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 the GoPro Hero5 Black. 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.