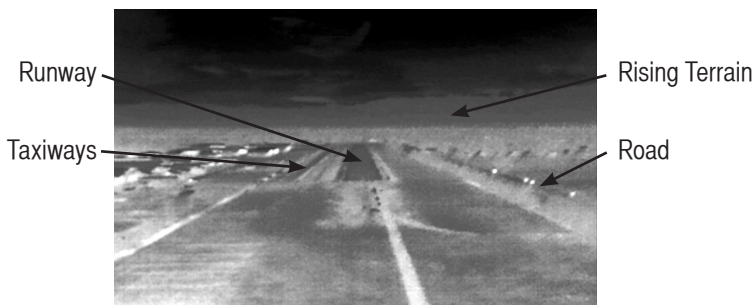


The EVS3 from FLIR Systems is a thermal imaging camera that generates a video image by sensing and displaying miniscule differences in heat. EVS3 detects the “invisible” infrared radiation (IR) emitted by the objects that compose a scene and converts this thermal imagery into video that the human eye can see. This video is displayed on a monitor or multi-function display in your aircraft's cockpit.

EVS3 extends the naked eye view beyond just the outlines of runways, taxiways and lights. In total darkness, EVS3 gives you a view of cloud formations, off-airport terrain, the runway environment and surrounding objects— allowing you to see vehicles, animals and aircraft encroaching on active runways and taxiways well before you can see them with your naked eye.



The EVS3 displays warmer items as white, or in lighter shades of grey, and cooler objects as black, or in darker shades of grey. There are no in-flight controls for the EVS3: once it is turned on, it will output continuous infrared video.

Check the documents supplied with your aircraft's flight manual or flight manual supplement for information on your aircraft's EVS3 installation configuration, such as video display configuration, the location of the power isolation switches, and any specific pre-flight or post-flight inspection procedures.

Prior to flight, FLIR recommends that the lens be cleaned of any dust or debris that may degrade the EVS3 imagery. If the front window needs cleaning, clean it with warm soapy water and a soft cloth, being careful not to scratch the window. More abrasive detergents or solvents, and the use of an abrasive cloth, could damage the window or its coatings, degrading your EVS3's image quality.



Checklists

(These instructions are generic. Refer to approved checklists and directions included in your aircraft's flight manual, flight manual supplement, or certification documents for specific instructions.)

Before engine start: Ensure that power is removed from the EVS3, either with the applicable EVS3 Power switch or Avionics Master switch. (Refer to the applicable aircraft checklist or flight manual supplement)

After engine start: Apply power to the EVS3 by turning on the applicable EVS3 Power switch or Avionics Master switch once aircraft power has stabilized and the aircraft is removed from ground power. (Refer to the applicable aircraft checklist or flight manual supplement)

Before engine shutdown: Remove power from the EVS3 by turning the applicable EVS3 Power switch or Avionics Master switch **off**. (Refer to the applicable aircraft checklist or flight manual supplement)

Troubleshooting: If you have any questions or concerns regarding the operation of your EVS3, please call FLIR at 888.747.3547.

Window Replacement Kit (optional) p/n 4107341: If your EVS3's front window is degraded resulting in poor image quality, you can replace the window by ordering FLIR's Window Replacement Kit, p/n 4107341. The Window Replacement Kit is intended to a correct degradation of window clarity and restore optimal performance. If your EVS3 sustains heavy damage (by debris, hail, or bird strike, for example), it must be returned to FLIR for repair.