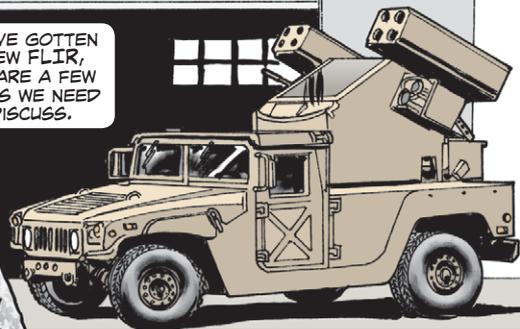


Avenger
Missile
System...

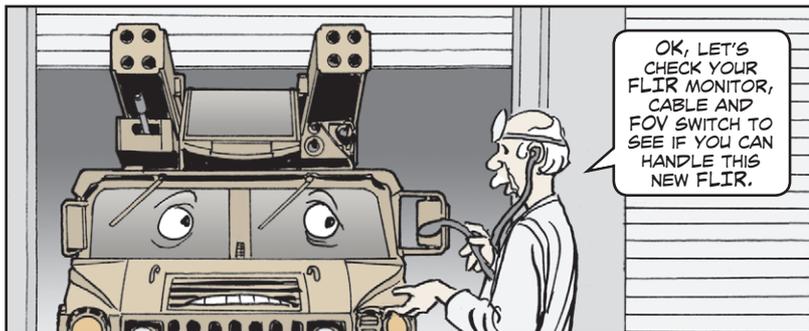
IF YOU'VE GOTTEN
THE NEW FLIR,
THERE ARE A FEW
MATTERS WE NEED
TO DISCUSS.



New FLIR, New Procedures

The Avenger has a new forward looking infrared receiver (FLIR), NSN 5855-01-518-8691, that is more capable and durable than the previous FLIRs—and cheaper, too. Operating it is pretty much the same, except for these points:

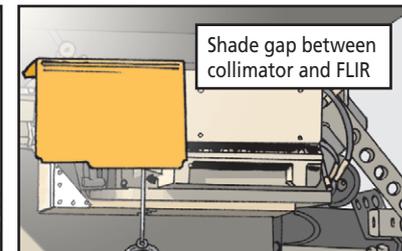
Installation. Before installing the new FLIR, make sure the FLIR monitor, FLIR cables, and the field of view (FOV) foot switch work. Also ensure that the vehicle and system battery power levels are within tolerance. These checks are in TM 9-1440-433-24-1&2.



Operation. When the FLIR is switched from STANDBY to RUN (like after the initial 2-5 minute cooldown), there is an automatic calibration called a non-uniformity correction (NUC). During the NUC, the FLIR monitor will have a fixed image in its display. After 45 seconds, the FLIR should then operate normally. If the fixed image doesn't disappear, check the FLIR monitor, FOV foot switch, cables, and system power for problems.

Boresighting. Boresighting the new FLIR is basically the same as with the old ones. But the afocal lens of the new FLIR doesn't project forward as far as the one on the old FLIR, so you may need to shade the gap between the collimator and the FLIR if there's too much light.

The target reticle on the collimator may be much brighter when boresighting the new FLIR. You may need to adjust the gain, focus and level to prevent light "blooming", where the target reticle graduations appear as a white blob on the display.



The new FLIR will be issued and turned in through the standard Army supply system.

If you have questions, contact AMCOM's 842-7983 or email @us.army.mil

at DSN 788-7983/(256)

HELP FOR THE HIMARS CRANE

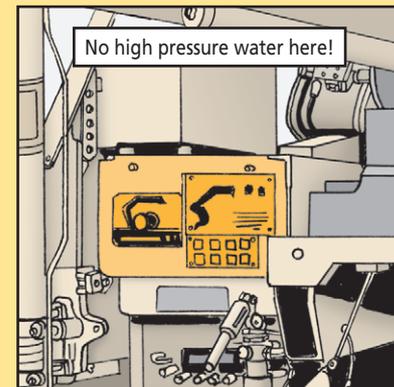
Dear Editor,

We have discovered two things about the M1084A1 re-supply vehicle's (RSV) crane used to load rocket pods onto the RSV and re-supply trailer for HIMARS (high mobility artillery rocket system) that will save headaches for other crews:

Keep high pressure water hoses away from the crane's power distribution box and terminal box (commonly known as the brain box). The seals on the boxes can't keep out water delivered with that much force. Water gets inside the boxes and shorts them out, putting the crane out of action.

You won't find NSNs for replacing the boxes in TM 9-2300-310-14&P, so here they are: Order the power distribution box with NSN 6110-01-521-1001 and the terminal box with NSN 5940-01-532-7411. They will be added to the TM.

The NSNs for the outrigger extension strut cartridges are reversed in the TM. Order the passenger side cartridge with NSN 2510-01-521-6224 and the driver side with NSN 2510-01-521-5517. This will be corrected in the TM.



CW2
HHB, 3/27th FA Regt
Ft Bragg, NC

Editor's note: Thanks for the help, Chief. This will certainly help other HIMARS crews.