



L3HARRIS™

L3 Technologies, Inc., Warrior Mission Solutions

Nine Akira Way
Londonderry, NH 03053

October 9, 2019

OPERATIONAL SAFETY NOTICE

OSN-001-092019

Revision B

Revision History

Revision	Description of Change	Date	Approval
B	Revision changes include; <ol style="list-style-type: none"> 1. Clarified TSO & non-TSO affected Part Numbers within the Part Number section and Appendix A 2. Under Recommended Actions, added item 2 pertaining to 180-day Inspection and revised item 3 3. Renumbered the Recommended Actions 	10-08-2019	J. Boland A. Gutierrez B. Mistretta
A	Initial Release	09-20-2019	J. Boland A. Gutierrez B. Mistretta

Subject

ANVS Night Vision Goggles (NVG)

Overview

L3 Technologies Inc., Insight Technology Division (“L3 Insight”) has recently become aware of a condition that may affect operation on a small percentage of ANVS Night Vision Goggles (NVG). The condition is limited to specific deliveries beginning April 2016 through July 2018.

Product Description

NVG are head-mounted binocular imaging assemblies that provide the pilot with an image intensified view of the existing scene outside the aircraft in night visual meteorological conditions.

Part Numbers

TSO NVG p/n’s affected 245084-050T and 245084-051T

Non-TSO NVG p/n’s affected, please see Appendix A

Part Name

TSO AN/AVS-9 (M949)

Description

If the condition is present in any of these units, the Operator may notice the Image Intensifier tube operate intermittently, and/or flicker. The condition, though reported to have occurred in product containing



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White Phosphorus tubes, may also exhibit the noted performance in product produced with Green Phosphorus tubes. The intermittent operation and/or flickering could occur in either the left or the right monocular.

NOTE: This is a limited and anomalous condition expressly restricted to the April 2016 through July 2018 deliveries; it has not been seen in any ANVS 245084-XXX units delivered prior to that time; and it has been corrected for all subsequent deliveries starting in August 2018.

Recommended Actions

1. If the condition is observed, please contact the L3 Insight Customer Service Representative to coordinate a Return Material Authorization Number via phone at 866-509-2040 (Option 3) or via email at Field>Returns@L3Harris.com for a return/repair at no cost to you.
2. End-user may want to consider for any or all of the part numbers of interest delivered from the timeline identified above, to utilize the goggle's next scheduled 180-day Inspection, to plan for and return available product to L3Harris for the requisite screening, and repair as necessary.
3. Alternatively, you may also choose to contact L3 Insight Customer Service to coordinate the return of the referenced part and serial numbers that fall within the timelines above, at any time.
4. L3Harris further recommends users of the ANVS 245084-XXX comply with the guidance and requirements stated within the ANVS Operators Manual ANV-TM-FAA Dated 3 October 2016. Including, the Operator must perform their Before and After Checks, if any defects are noted, it is recommended that the ANVS NVG is turned into an L3Harris authorized Part 145 Repair Station. Direct excerpt from the Operator Manuals in section 5.4.2 Inspection Criteria for Proper Image Intensifier Operation. *Flashing, Flickering, or Intermittent Operation*. This instability can occur in either one or both monocular. The unit is considered rejectable if this condition exists. Refer to Table 6-1, Troubleshooting, Intermittent Operation, for corrective action.



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APPENDIX A

TSO	
NVG Part Number	Serial Numbers
245084-050T	678836 to 678874 679476 to 679489
245084-051T	678602 to 678621 678876 to 678965 679066 to 679190 680076 to 680102
Non-TSO	
NVG Part Number	Serial Numbers
245084-005	70269 707618 to 707628 707630 to 707635
245084-007	731380 to 731385 731389 to 731391 731395 to 731397
245084-015	736787 to 736790 736796 to 736797
245084-018	737124 to 737135 737181 to 737183 737310
245084-019	675639 678551 to 678575 678626 to 678681 900199 to 900300
245084-019C	900196 to 900198
245084-031	675164 678081 678151 to 678163 678165 to 678180 678182 to 678194
245084-034	676930 to 676950 678576 to 678589
245084-038	678811 to 678820 737254 to 737283
245084-039	738059 to 738062 738112 to 738123
245084-052	678526 to 678533