

**Docket No. SA-530**

**Exhibit No. 8 - H**

**NATIONAL TRANSPORTATION SAFETY BOARD**

**Washington, D.C.**

FAA White Paper

Night Vision Imaging Systems (NVIS) / Night Vision Goggle (NVG)

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## **Night Vision Imaging System (NVIS)/Night Vision Goggle (NVG)**

### **Promoting the use of NVGs thru:**

- Issuance of NVG Technical Standard Order (TSO)
  - o TSO-C164 issued on Oct. 2006
  - o TSO establishes requirement to qualify NVGs for use in civil aircraft
- Granting of TSO Authorization (TSOA) to NIVISIS
  - o First issuance of an NVG TSOA by the FAA (TSOA issued in 2008)
  - o NIVISIS is NVG manufacturer
  - o TSOA will result in greater availability of NVGs to civilian market
  - o Working with another NVG manufacturer to issue them their own TSOA
- Development of Advisory Circular (AC) procedures for approving NVG compatible cockpits
- Development of procedures for granting operational approval for NVG operations

### **NVG Operations - Minimum Crew with NVGs:**

- Existing FAA NVG approvals have required 2 crewmembers with NVGs
- Draft plan developed to identify data required to determine minimum crew with NVGs
- Determination will be made once required data is collected and analyzed