

DATA ITEM DESCRIPTION		Form Approved DARS No 6704-0100	
2 TITLE NIGHT VISION IMAGING SYSTEM (NVIS) COMPATIBLE AIRCRAFT INTERIOR LIGHTING COMPLIANCE DATA		1. IDENTIFICATION NUMBER DI-MISC-80113A	
3 DESCRIPTION/PURPOSE 3.1 This data verifies compliance with radiance, chromaticity and photometric brightness requirements of MIL-L-85762A, LIGHTING, AIRCRAFT, INTERIOR, NIGHT VISION IMAGING SYSTEM (NVIS) COMPATIBLE.			
4 APPROVAL DATE (YYMMDD) 880826	5 OFFICE OF PRIMARY RESPONSIBILITY (OPR) AS	6a DTK APPLICABLE	6b GIDER APPLICABLE
7 APPLICATION/INTERRELATIONSHIP 7.1 This data item description (DID) contains the format and content preparation instructions for reporting data required by 4.6 of MIL-L-85762A. 7.2 This DID supersedes DI-MISC-80113.			
8 APPROVAL LIMITATION		9a APPLICABLE FORMS	9b AMSC NUMBER N4526
10 PREPARATION INSTRUCTIONS 10.1 <u>Reference documents.</u> The applicable issue of the documents cited herein, including their approval dates and dates of any applicable amendments, notices, and revisions, shall be as specified in the contract. 10.2 <u>Format.</u> Contractor format shall be used; however the sequence of data submitted shall closely correspond with the sequence of the requirements paragraphs of MIL-L-85762. 10.3 <u>Content requirements.</u> 10.3.1 <u>Introductory information.</u> Introductory information shall include the following: a. Title, descriptive of each test to be conducted. b. Identification of each lighting system, subsystem, or component being tested. c. Type and Class of NVIS compatible lighting system. d. Date of measurement. e. Spectroradiometer control position(s). f. Measurement conditions. (Continued on pg 2)			
11 DISTRIBUTION STATEMENT <u>DISTRIBUTION STATEMENT A.</u> Approved for public release; distribution is unlimited			

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Block 10, Preparation Instructions (Continued)

10.3.2 Plots.

- a. A graphics plot showing the spectral sensitivity of the spectroradiometer set at the control positions used during the lighting system, subsystem, or component measurement as specified in 4.8.13 and 4.8.14 of MIL-L-85762.
- b. A graphics plot showing the spectral radiance of the lighting system, subsystem, or component on a semi-logrithmic scale over wavelengths from 380 nm to 930 nm as specified in 4.8.13 and 4.8.14 of MIL-L-85762.

10.3.3 Tables. A table showing the spectral radiance of the lighting system, subsystem, or component from 380 nm to 930 nm as specified in 4.8.13 and 4.8.14 of MIL-L-85762.

10.3.4 Calculations.

- a. All u' and v' 1976 UCS chromaticity coordinate calculations as specified in 4.8.13 of MIL-L-85762.
- b. All NVIS radiance calculations as specified in 4.8.14 of MIL-L-85762.
- c. Photometric brightness values as specified in 4.8.12 of MIL-L-85762.