

TRAFFIC LIGHT SYSTEM DESCRIPTION

The Traffic Light System is a 3 colour system that is supplied to indicate to the Naval Pilot that the ship is on a suitable flying course and that it is safe to launch/recover an aircraft. The use of LED technology contributes to greater light output and improved reliability.

Description

AGI shall be proposing an NVG Compatible Traffic Light solution. The use of LED technology contributes to greater light output, improved reliability and enables different shapes to be displayed.

Colour

- The colours of the Traffic lights shall be red, amber and green

Control

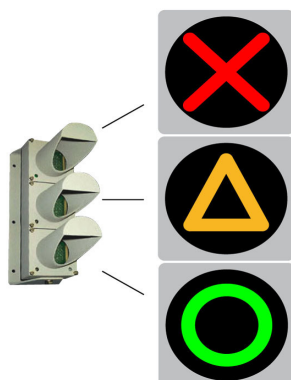
- The Traffic Lights are controlled from the Flight Deck Control Room
- The control has 4 positions, red, amber, green and off
- It is possible to switch from any position directly to another without the need to transit through the non-selected option
- The lights mounted on the flight deck are dimmable from the Master Control Unit from 0% to 100% intensity

Night Vision Goggle Compatibility

- The lights are compliant for with the use of Night Vision Goggles (NVG) as defined in STANAG 1445
- The use of symbology for each of the indications will enable a person using NVG to understand the instruction

Reliability

- Operational lamp life is greater than 10,000 hours
- Time to replace lamp is less than 15 minutes



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