



AEROSPACE RECOMMENDED PRACTICE

ARP5560

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Safety Considerations for High-Intensity Lights (HIL)
Directed into the Navigable Airspace

RATIONALE

ARP5560 has been reaffirmed to comply with the SAE five-year review policy.

INTRODUCTION

On March 26, 1999, the FAA submitted a written request to the SAE for assistance in developing standards and regulations concerning outdoor laser operations. Since December 1999, the SAE has developed several documents, including: AS4970, "Human Factors Considerations for Outdoor Laser Operations in the Navigable Airspace," and three Aerospace Recommended Practices: ARP5535, "Observers for Laser Safety in the Navigable Airspace," ARP5572, "Control Measures for Laser Safety in the Navigable Airspace," and ARP5293, "Safety Considerations for Lasers Projected in the Navigable Airspace" in support of this request. Although the number of aviation incidents involving high-intensity lights have been much less than with laser light sources, such incidents have occurred and the FAA has little guidance on the use such devices in the aviation environment. As a result, the FAA has asked the SAE to develop guidance of high-intensity light devices.

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