

**Requisition #: 09-20**  
**Location: Meggitt Safety Systems, Simi Valley**  
**Department: Systems Engineering**  
**Date: December 18, 2009**

Job/Position Classification	Salary Grade
SENIOR SYSTEMS ENGINEER	24

**Level of Security Clearance Required:** N/A

**Specific Work Duties/Essential Functions:**

The Systems Engineer has experience commensurate with end to end system responsibility for aircraft fire detection systems, from requirements generation through detailed design, system analysis, verification, validation and certification. Researches and carries out the most complex or innovative engineering assignments requiring the development of new or improved methods, techniques and procedures. Contributes to and has responsibility for completion of significant special assignments with broad product, technology investment and integration, customer and strategic impact. Projects include new systems as well as design updates and qualifications to eliminate obsolete parts. Define system and component level requirements for fire detection systems. Ideal applicant is required to have strong background in embedded systems. Perform other related duties as assigned.

**Academic Requirements:** BS in Electronic or Systems Engineering or a related technical discipline. MS/PhD. preferred.

**Specific Skills and/or Experience Requirements:**

15 or more years of related experience preferred. Ideal candidate is required to have extensive experience with commercial airborne systems. Desired applicant should have strong written and interpersonal skills. Experience with ARINC 429, ARINC 629, CAN and AFDX buses preferred. Strong understanding of DO-254 and DO-178B development processes is required. Experience in qualification to DO-160 and MIL-STDs required.

**Essential Physical/Mental Abilities Required:** Normal vision or correction to 20/20 including color vision. Conform to company safety policies and procedures.

**MEGGITT SAFETY SYSTEMS, INC. (MSSI) HAS EXPORT CONTROL AND SECURITY ISSUES THAT REQUIRE ATTENTION TO THE CITIZENSHIP STATUS OF EVERY INDIVIDUAL WHO PERFORMS WORK ON ITS BEHALF. ALL JOBS AT MSSI REQUIRE THE EMPLOYEE TO EITHER BE A UNITED STATES CITIZEN, PERMANENT RESIDENT OF THE UNITED STATES, AN ASYLEE, OR A REFUGEE.**

Meggitt Safety Systems Inc  
1915 Voyager Avenue  
Simi Valley  
CA 93063  
USA

**Qualified interested candidates should present their resume or application to/or contact: Human Resources**  
**e-mail: [MSSI-HR@meggitt.com](mailto:MSSI-HR@meggitt.com)**

Tel: +1 (805) 584 4100  
Fax: +1 (805) 578 3400

[www.meggittsafety.com](http://www.meggittsafety.com)  
[www.meggitt.com](http://www.meggitt.com)