

# MANNARINO®

## CCB & MAINTENANCE SYSTEMS ENGINEER

### Corporate Description

MANNARINO Systems & Software Inc. is a leader in COTS software products and providing safety-critical systems/software/programmable hardware engineering and certification services to the aerospace, defense, space, simulation, rail & power generation industries. We work with many of the top players within their industries giving our employees exposure to the most interesting and challenging development projects. This stimulating and invigorating working environment allows our team to be at the technological forefront constantly broadening their expertise and honing their skillset to fulfill the ever-growing global high-tech market needs.

The MANNARINO culture is focused on high quality, hard work, professionalism and team work within a highly respectful, motivating atmosphere geared towards long-term business growth.

As a member of our team, you will benefit from:

- a comprehensive group insurance and RRSP plan
- a flextime policy with paid overtime
- discretionary bonuses
- a fitness reimbursement program
- other office perks such as catered weekly lunches and free hot beverages (espresso, coffee, hot chocolate and tea)
- regular company outings

MANNARINO is a privately-held Small & Medium Size Enterprise (SME) and was recently awarded the [AIAC's Innovation Technology Award](#)

### Primary Roles / Responsibilities

We are looking for a Systems Engineer to lead and develop scheduled maintenance tasks and intervals using MSG-3 methodology to analyze aircraft systems. The chosen applicant will communicate closely with the customer to deliver project plans that meet the expectations from a quality and schedule standpoint.

### Key Responsibilities:

- Develop a UAV aircraft maintenance program with the target to meet operational requirements, increase aircraft availability, and reduce downtime.
- Develop maintenance planning document to increase UAV aircraft availability and reduce downtime and maintenance visits
- Optimize the UAV maintenance schedule to meet operational requirements
- Develop financial analysis to forecast maintenance costs and aircraft downtime.
- Identify cost/downtime reduction initiatives, accordingly.
- Track in-service components and systems reliability and develop action plans to improve the MTBUR/MTBF and aircraft dispatch reliability
- Prepare detailed reports on cost reduction and increased dispatch initiatives for presentation to the Change Control Board (CCB)

### Required Skills and Experience

- 8+ years of experience in developing scheduled maintenance tasks and intervals using MSG-3 methodology to analyze aircraft systems
- Strong understanding of statistics and reliability analysis, Safety FMEA, FMECA, FTA and SFHA
- Profound knowledge of aircraft Instructions for Continued Airworthiness
- Bachelor's degree in a related engineering accredited institute
- Significant experience of direct client interaction, at management and working levels

- Strong Interpersonal, Reporting, and Presentation skills
- Excellent planning and organizational skills
- Strong English oral & writing skills

#### **Miscellaneous Requirements**

- Ability to travel as required
- Must be eligible to work in Canada

At Mannarino, we believe that passion and a desire to learn is crucial. Diversity of thought and experiences leads to innovative solutions and creativity. This is why we would like to encourage all those interested to apply.

**Please submit your application by  
E-mail [rh@mss.ca](mailto:rh@mss.ca)**

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*We are an equal opportunity employer.  
All applicants will be held in strictest confidence.  
Only those selected for interview will be contacted.*

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