

THALES CANADA, SYSTEMS DIVISION'S LOGISTICS CAPABILITIES

Using our automated logistics programs, logistics engineers at Thales Canada. Systems Division can undertake, or provide assistance in the conduct of all activities required to ensure that logistics support requirements are defined and documented, and that required Integrated Logistics Support (ILS) management tasks are completed in a thorough and timely fashion. These activities range from ILS Program Management down to, and including, development and implementation of the required automated Logistic Support Analysis process (LSA/LSAR).

ILS PROGRAM MANAGEMENT

Thales Canada, Systems Division's logistics engineers and software specialists perform any or all of the required ILS Program Management tasks either directly, or by providing consultant services. Using automated software tools, we manage or undertake activities required to identify and develop the required ILS program elements. This automated Program Management System allows the Program Manager to monitor project status continuously in real-time, or on an exception basis as he or she deems appropriate. In addition, our logistics personnel develop, review, and update ILS plans including the critical maintenance, technical data, publications, training, and provisioning subplans.

LSA/LSAR

Thales Canada, Systems Division, as a leader in logistics technology and support, provides total LSA/LSAR requirements for any military or commercial program. The LSA/LSAR requirements can be tailored to meet the specific needs of any customer, be they military specification (MIL-STD-1388-1A/2B) or Commercial Off-The-Shelf (COTS) requirements.

Thales Canada, Systems Division utilizes a fully compliant MIL-STD-1388-2B LSAR database to provide LSA Reports in either a "canned" format or develop "ad hoc" reports. The LSAR is used to develop the following deliverables:

- Equipment Family Tree (EFT);
- Reliability Centered Maintenance (RCM);
- Failure Modes, Effects and Criticality Analysis (FMECA);
- Maintenance Task Analysis (MTA);
- Maintenance Plans; and
- Provisioning Lists.

MAINTENANCE MANAGEMENT

Thales Canada, Systems Division develops any part of the maintenance requirements for the system to be supported from the initial maintenance concept and plan, down to each individual maintenance task for each line and level of maintenance. This support can be provided directly or by consulting services from Thales Canada. Systems Division.

PROVISIONING

Thales Canada, Systems Division provides total provisioning requirements, and can also manage provisioning programs including: support equipment; spares; technical publications; drawings and associated lists; packaging; handling; storage and transportation; and facilities. We also develop, update or review provisioning plans, and provide total or partial contract deliverables in the above areas.

INITIAL/REPLENISHMENT SPARES

Thales Canada, Systems Division provides initial spares lists including long lead items, based on the results of the LSA tasks, and an analysis of the support system that has been put in place or is planned for the field. This initial sparing list is optimized in terms of cost and effectiveness using sparing models. We also use logistics tools to provide an independent review of contractor-recommended spares lists and replenishment recommendations.

TRAINING

Thales Canada, Systems Division also addresses operator and maintainer training requirements. We provide assistance in the development of training programs. We use the outputs from the LSA/LSAR process to assist in the development of the training program.

LOGISTICS CONSULTING

Thales Canada, Systems Division has a logistics consulting capability to assist in meeting any ILS management needs, or to provide assistance in any of the logistics areas. This includes total ILS Program Management, proposal responses/evaluation, logistics research and development, Level Of Repair Analysis (LORA), Logistic Support Cost (LSC), and Life Cycle Cost (LCC) analyses, and complete LSA/LSAR services to include the provision of all contractual deliverables.

CONFIGURATION MANAGEMENT SERVICES

Thales Canada, Systems Division provides Configuration Management (CM) services, software, and training. CM

services include: responding to and evaluating proposals; preparing CM plans and procedures; and establishing and maintaining a CM system that conforms to all contractual requirements for both software and hardware.

Configuration Management software tools are used to record and report on items designated for CM, and to track changes to those items throughout their life cycles. The relational database contains all data related to configuration identification, configuration control, configuration status accounting, and configuration audits. The database meets the requirements of MIL-STD-973.

For further information, please contact:

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