Aspîre

Small Project Support Case Study

Background

Aspîre have developed a range of Project Support approaches that are tailored to meet the customer's requirements most **cost-effectively**, whilst ensuring **exact needs are met.** This Case Study provides an example of Aspîre's Small Project Support (SPS) methodology.

Aspîre was contracted by J&S Franklin Ltd. to provide Supportability Engineering for the Inflatable Decoys being supplied to the UK Ministry of Defence (MoD).

J&S Franklin Ltd. supply Inflatable Decoy systems known as Multispectral Ground Decoy Systems (MGDS) and Ground Inflatable Decoy Training Systems (GIDTS). The above picture depicts the SA6 and Scud Launcher systems.

For More Information about Aspîre Project Support please **CONTACT US.** We will arrange for our Operations Manager to talk to you.

Aspîre Involvement

Aspîre provided bid support, designed and implemented a pragmatic Supportability programme that was appropriately tailored for a small system / project.

Aspîres' tasks addressed a range of activities required for a Defence project, including:

- Integrated Logistic Support (ILS) Program Plan
- Logistic Support Analysis (LSA)
- Reliability & Maintainability (R&M) Analysis
- Safety Case
- Cost of Ownership (COO)
- Risk Management
- Obsolescence Plan
- Training Needs Analysis (TNA)
- Technical Publications

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Aspîre Solution

The Aspîre Supportability Engineering programme consisted of the following elements:

❑ Integrated Logistic Support (ILS) Program Plan

This document detailed the **integration of all activities** concerned with Supportability Engineering.

❑ Logistic Support Analysis (LSA)

Analytical tasks were carried out to **identify the logistic support required** by the Inflatable targets project during its anticipated lifetime.

❑ Reliability & Maintainability (R&M) Analysis

A tailored program of R&M analytical tasks identifying the R&M risks was performed, thus **providing assurance that the design will satisfy the customer requirements**.

❑ Safety Case

This document provides the justification and evidence that the inflatable targets are adequately **safe to operate** in their intended environment and role.

Scud Launcher with Missile Deployed

❑ Cost of Ownership (COO)

The **total cost of ownership** of the Inflatable equipment was calculated (not just the cost of procurement).

❑ Risk Management

All **Risks** associated with the project that could jeopardise successful delivery of the capability within target timescales and costs were **identified and Mitigating Actions defined**.

❑ Obsolescence Planning

An Obsolescence Plan was produced addressing the effects of technology advancements and non-availability of commercial items to **ensure the capability can be maintained** throughout the expected lifetime.

❑ Training Solution

A tailored TNA was conducted and a short **Training Course** was designed and delivered with supporting publications.

❑ Technical Publications

Bespoke and affordable technical documentation was produced to provide the **information needed to operate and maintain** the equipment during service.

Conclusion

This Case Study provides an example of Aspîre's ability to design a lean Support Solution for a low technology project that is extremely cost-effective and affordable whilst ensuring all the required elements were addressed. The delivered Support Solution was fully compliant and affordable.

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