**MWS Pod**

**Statement of work**

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**History**

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| **Date** | **Description** | **Name** | **Version** |
| 18-09-2010 | Initial document | kpi | 1 |
| 18-09-2010 | Formattet headings | kpi | 2 |
| 18-09-2010 | Work startet in 1.1 and 1.2 | kpi | 3 |
|  |  |  |  |

**References**

|  |  |  |
| --- | --- | --- |
| **ID** | **Document Name** | **Version** |
| Ref-1 | Therma case.pdf | 1 |

**Abbriviations**

|  |  |
| --- | --- |
| UR | User Requirement |
| SOW | Statement of work |

# Scope

## Identification

The system to which this document applies is a pod that can be attached to the F-16 combat aircraft.

The pod has eight compartments for chaff/flares magazines. It houses an electronic control unit. It has suspensions for power/data cables, connectors and six sensor units.

The pod is able to keep the temperature inside the pod below 70 degree Celsius.

## System overview

The pod is part of a self protection suite for the F-16 combat aircraft. The system is made up of subsystems which are:

* An intelligent cockpit control unit.
* A missile warning system (MWS) consisting of six sensor and an electronic control unit.
* A pod which incorporates eight magazines and housing the MWS.

## Document overview

# Requirements

|  |  |
| --- | --- |
| **REQ ID** | **Requirement** |
| UR-1 | The weight of the pod shall not exceed 175 Kg. |

## State and modes

## External interfaces

## Design constraints