

### 3.12.4 Power

| REQ ID | Requirement                                                                                                                                          |
|--------|------------------------------------------------------------------------------------------------------------------------------------------------------|
| SR-81  | The cockpit control unit shall support 28VDC supply voltage.                                                                                         |
| SR-82  | Power consumption of the pod shall not exceed 700W.                                                                                                  |
| SR-83  | The POD shall be able to run on 115VAC 400Hz.                                                                                                        |
| SR-84  | The system shall be able to supply the GEF (MWS) with maximum 85W from a 28VDC power source and a maximum of 100W from an 115VAC 400Hz power source. |
| SR-85  | The system shall be able to supply power required to ignite a payload (126W) for a period of up to 20ms.                                             |

### 3.12.5 Coverage against missile threats.

| REQ ID | Requirement                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
|--------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| SR-86  | <p>The six sensors shall be place according to the optimal coverage analysis recommendations (MCA1A) offering a coverage of minimum 90% outside the aircraft kill zone when the POD is mounted as specified under the left wing.</p> <p>INFO: The uncovered parts are:</p> <ul style="list-style-type: none"><li>• 15° uncovered space above and to the right of the aircraft.</li><li>• 5° uncovered space below and to the right of the aircraft.</li><li>• 11.25° uncovered space behind and to the right of the aircraft.</li><li>• 7.5° uncovered space in front and to the right of the aircraft.</li></ul> <p>INFO: The tolerance of the above degrees is <math>\pm 5\%</math>.</p> <p>INFO: The POD must be mounted as specified at location 2 for the above numbers to hold.</p> |

### 3.13 Personnel-related requirements.

Intentionally left blank

### 3.14 Training-related requirements.

Intentionally left blank

### 3.15 Logistics-related requirements.

Intentionally left blank

### 3.16 Other requirements.

Intentionally left blank

### 3.17 Packaging requirements.

Intentionally left blank

### 3.18 Precedence and criticality of requirements.

Intentionally left blank