

# System Test Description (STD)

Terma case

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## 1 Revision history

Date	Ver. No	Author	Contact	Description
24-Feb-2014	1.0	-	-	Initial version

## 2 Stakeholders

Name	Role	Contact
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## 3 Scope

### 3.1 Identification

### 3.2 System-overview

The goal of the system is to protect the aircraft from enemy incoming missiles by deploying flares and chaffs. It also provides threat information to the information computer, which interacts with the pilot. It is possible for a technician to load the system with chaffs and flares. During the preparation phase before the missions, the system informs the technicians about the current amount of chaffs and flares present on the aircraft.

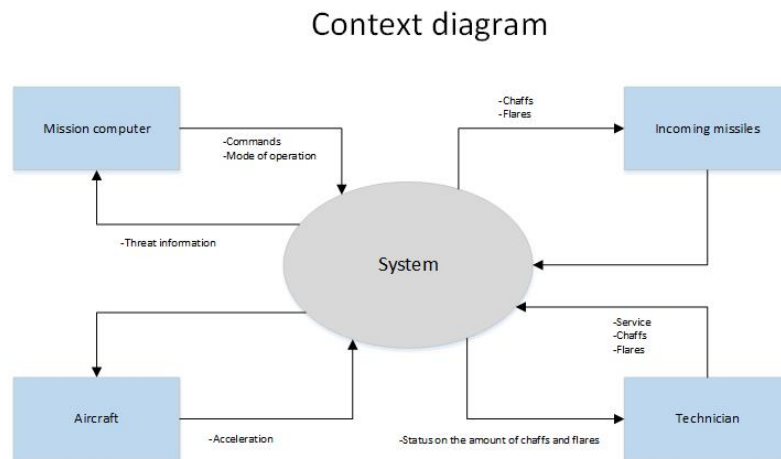


Figure 1: Context diagram

### 3.3 Document overview

## 4 Referenced documents

## 5 Test preparations

This section contains the preparations required for all tests.

**ReqNo1-T**

**ReqNo2-T**

**ReqNo3-T**

**ReqNo4-T**

**ReqNo5-T**

Requirement: *The pod shall include a minimum of eight standard magazines.*  
No preparation required.

**ReqNo6-T**

**ReqNo7-T**

Requirement: *The cockpit unit shall be able to power ON and OFF the dispensing system and the MWS.*  
The system main power source must be turned on.

**ReqNo8-T**

**ReqNo9-T**

**ReqNo11-T**

**ReqNo12-T**

**ReqNo13-T**

**ReqNo14-T**

**ReqNo15-T**

**ReqNo16-T**

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**ReqNo30-T**

**ReqNo31-T**

**ReqNo35-T**

ReqNo36-T

ReqNo37-T

ReqNo38-T

ReqNo39-T

ReqNo40-T

## 6 Test descriptions

## 7 Requirements traceability

Components Requirement No.	Hierarchy level					
	1 Cockpit unit	2 Pod	3 MWS	4 Dispenser	5 Magazines	6 Sensors
1	x					
2	x	x	x	x	x	
3	x	x	x	x	x	
4	x	x	x	x	x	
5	x					
6	x					
7	x	x	x			x
8		x				
9	x	x	x	x	x	
11	x					
12	x	x				x
13	x		x			x x
14	x					
15	x					
16	x					
17	x					
18	x	x				x
20	x					
21	x	x				
22	x					
23	x	x				
24	x					
25	x					
26			x			
27	x					
28	x					
29	x					
30	x	x				
31		x				x
35	x					
36	x		x	x	x	
37	x					
38	x	x	x	x	x	x x
39				x	x	
40				x	x	
41	x					

Figure 2: Traceability Matrix

## 8 Other