

Advanced Self Protection System (ASPS)



Introduction

- The ASPS provides fix wing and rotary wing aircraft with a dedicated self-protection system

The system ensures early detection of threats and provides the crew with full EW situation awareness and protection, to avoid hostile weapons sites.

- Core system components :

ASPS Data Processing and Management (SDPM)

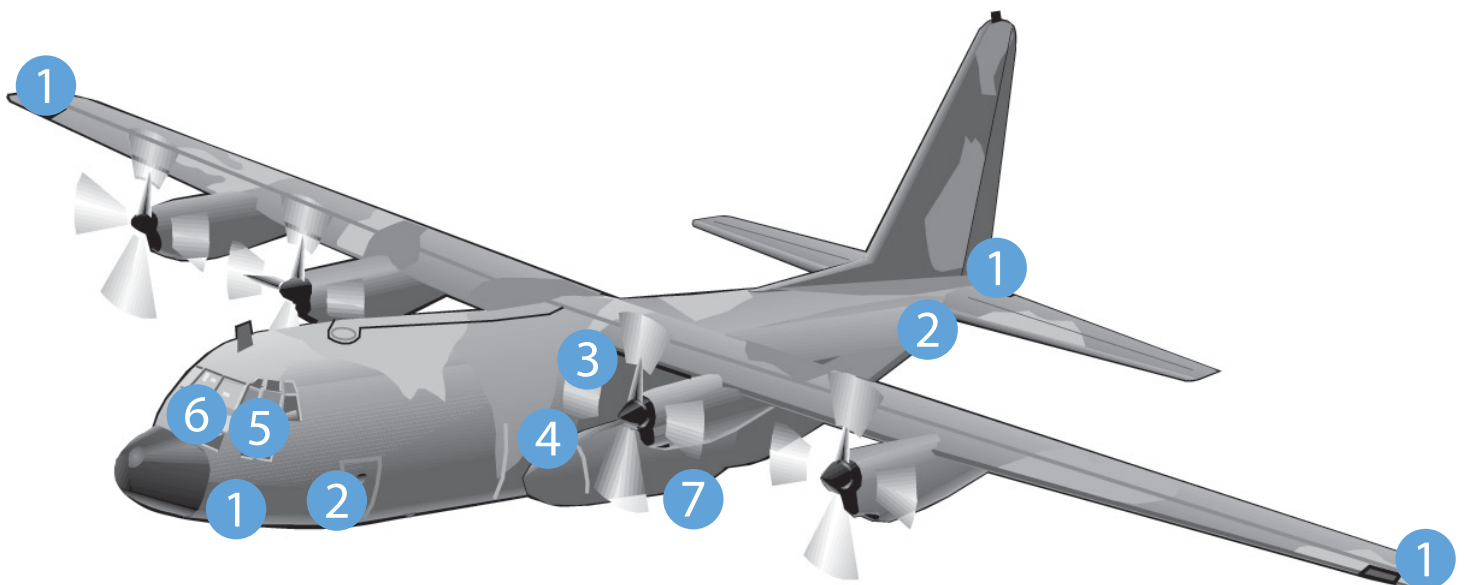
Advanced Radar Warning Receiver

Latest generation Missile Approach Warner

Advanced Chaff & Flares Dispensers

Cockpit Control and Display Unit (CDU)

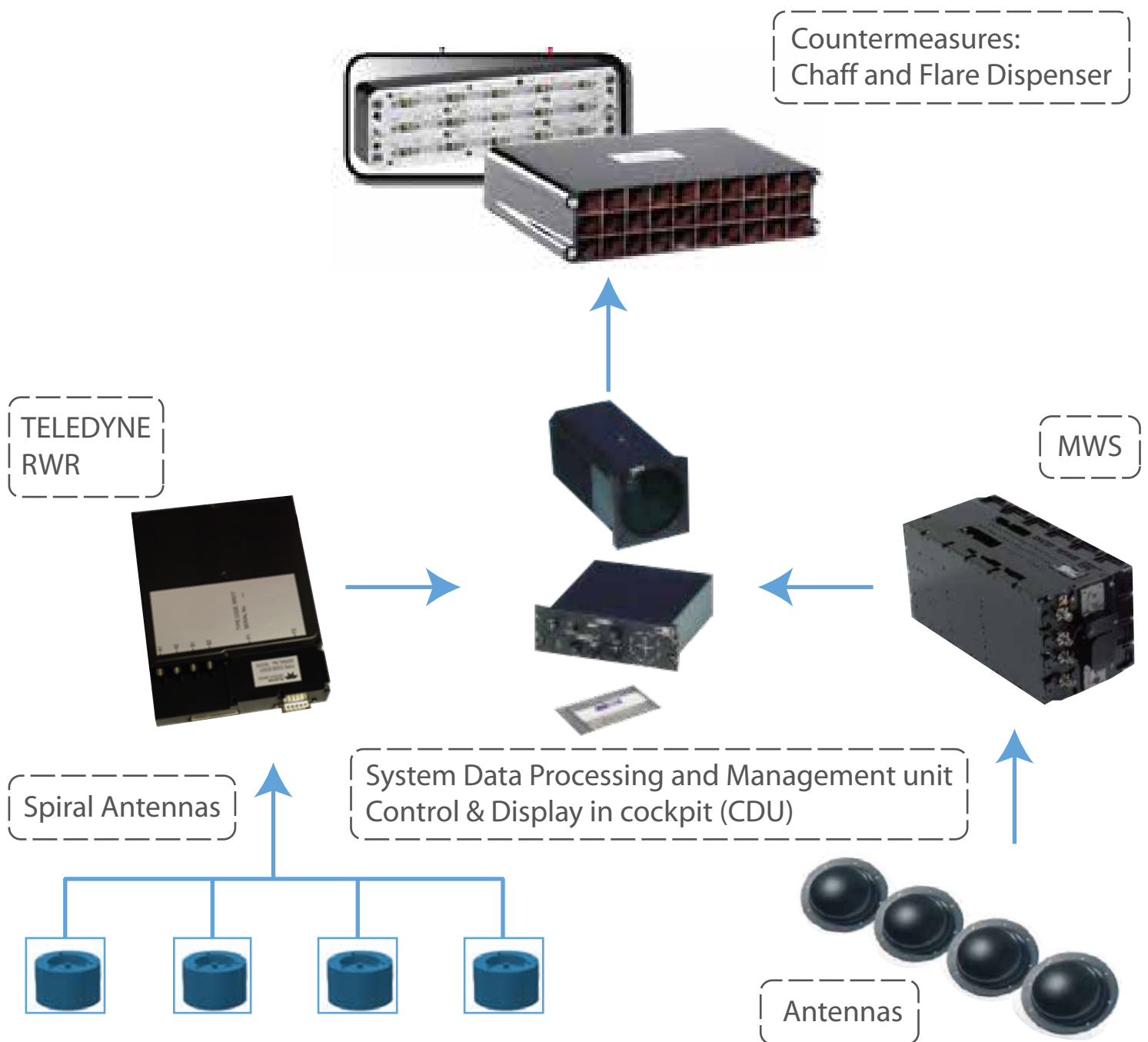
ASPS - System Arrangement and Installation



System can be distributed on large platforms:

- 1 Rx Antennas on each wing tip, nose & tail (for RWR)
- 2 Tx Antennas on nose and Tail (MWS)
- 3 RWR Threat Processor in central fuselage
- 4 MWS Threat Processor in central fuselage
- 5 System Data Processing and Management
- 6 Control & Display in cockpit (CDU)
- 7 Countermeasures

Functional Block Diagram



S.G.D Engineering Ltd., 38 Habarzel St., Tel-Aviv 6971054, Israel

T: +972-3-560-4135

F: +972-3-560-2179

www.sgd.co.il

