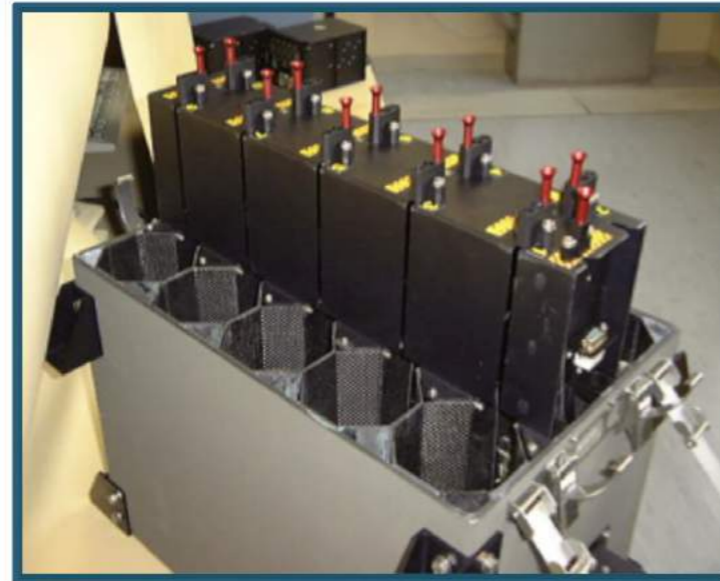
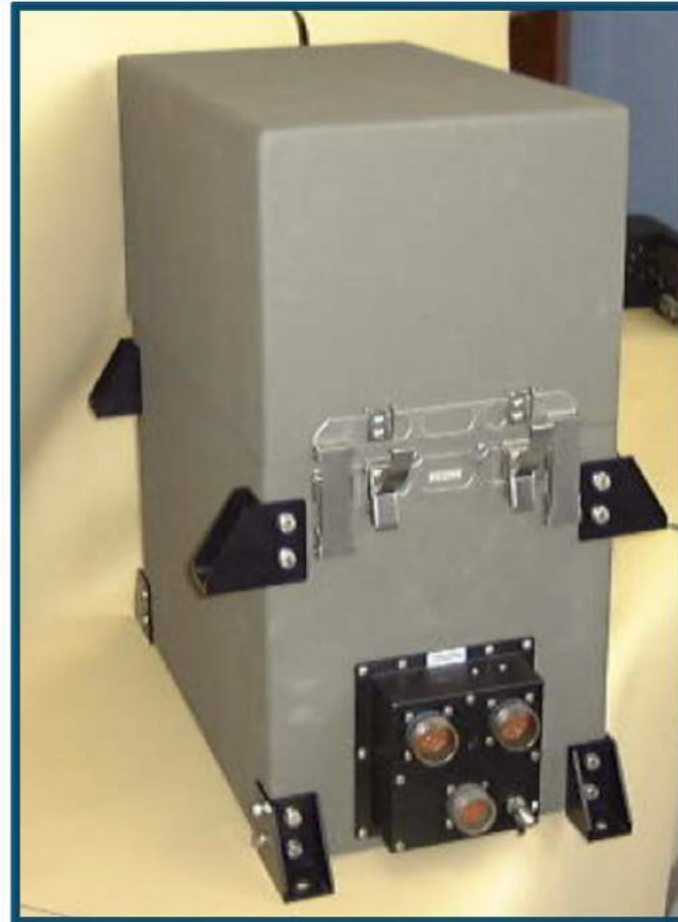


Light Stores Dispensing Unit (LSDU)

The LSDU is a vertical type rack structure which is bolted to the aircraft floor and it is used to drop by gravity the selected Light Store through the launching opening located at the base of the unit.

The basic structure is composed of a parallelepiped shaped vertical rack dispenser structure, manufactured in composite material, which includes ten launch tubes, ten retention devices, ten presence switches, one safety device and an interface electrical box.



The bottom side of the structure is bolted to the aircraft floor with four mechanical adapters. An upper hinge closure cover to be moved up and opened during the loading/downloading operations of the Light Stores (LS) in the dispenser.

The cover, in composite material, when closed, is firmly connected to the dispenser structure by means of four fast hooks. The ten launch tubes are in composite material and are capable of accommodating up to ten Light Stores type MK25, MK72 and MK84 in a mixed configuration.

Dimensions:

Width: 278 mm
Length: 526 mm
Height: 524 mm

Weight: 13.2 Kg max
Power: 28Vdc pulse voltage with duration
400±20ms for each Release/Jettison command
(Range 16-32Vdc ,3Amax)



Meccanica per l'Elettronica e Servomeccanismi



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Enhanced Countermeasures Dispensing Systems (ECDS)

“Chaff and Flares” dispensing systems for aircraft and helicopters

- A new generation of countermeasures dispensing system stand-alone or DASS integrated, with or without the supervision of a EW Mission Computer; light-weight; fully and easily programmable

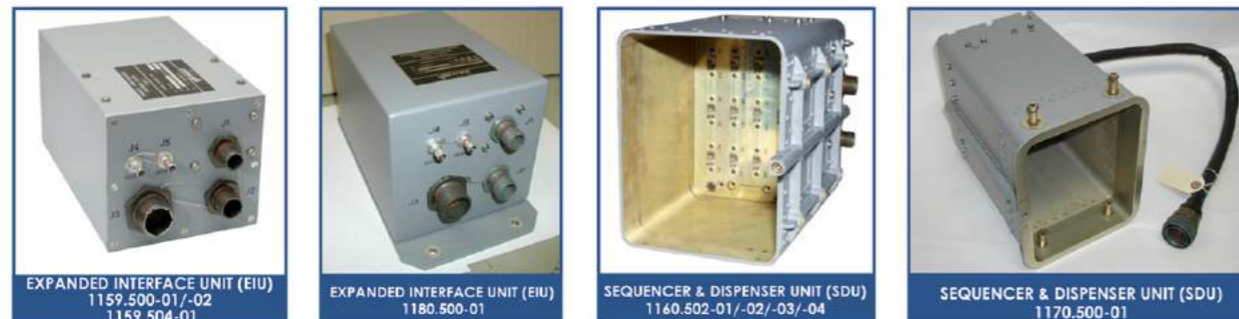
- Installed on:

- Helicopters EH101, AB205, AB412, A129, AB212, CH47, ICH47F, SH3D, HH3F, AW139, AW101, Cougar Spanish Army
- Aircraft C-27J (IT AF and export versions)

- Carbon fiber Magazines for a reduced weight



DASS CONTROL PANEL 1355.500-01



EXPANDED INTERFACE UNIT (EIU)
1159.500-01/-02
1159.504-01

EXPANDED INTERFACE UNIT (EIU)
1180.500-01

SEQUENCER & DISPENSER UNIT (SDU)
1160.502-01/-02/-03/-04

SEQUENCER & DISPENSER UNIT (SDU)
1170.500-01



SAFETY SWITCH UNIT (SSU)
1155.500-01/-02
& Safety pin Streamer 1239.500-01

MAGAZINE 1101.409-01 1x1 chaff
MAGAZINE 1101.409-02 1x1 flare
MAGAZINE 1101.409-03 1x2 flare



Maintenance Support

FL-AGE Test Set

SVTS (Shy Voltage Test Set)

SITE (Special to Type Test Equipment)

Functional Test Equipment

Sonobuoy Dispenser Unit (SBDU)

SBDU is a carousel based structure which is capable of carry A, F and G types of NATO sonobuoys that can be released by SMS command or by manual actuation and dropped by gravity.

It is basically composed of the following main components :

- Carousel Assembly which consists of a rotating carousel structure to retain and release the sonobuoys, and a fixed pedestal central structure to provide the attachment to the helicopter.
- Carousel Motion HW to allow the carousel rotation.
- Carousel Electronic Assy to execute the SMS commands.

Dimensions:

Base Diameter: 653 mm

Height: 1007,6 mm

Weight: 29.5 Kg max

Power: 115/200 VAC 400Hz and +28VDC nominal Voltages

