



VIGIL II+C MILITARY

MULTIMODE or "7 in 1"



DESCRIPTION:

"VIGIL II+c Military" is without a doubt the best multimode AAD choice for military free-fall operations and can be used in HA and VHA condition for HAHO and HALO missions.

The VIGIL will calculate permanently the left-over time to reach the activation altitude in function of the chosen setting and values in STANDARD and QNH settings (Alt Corr, pressure and elevation).

It has 3 selectable pre-defined settings in: "STANDARD", "QNH" and "TIME".

It has 3 programmable activation modes in: "PRO", "TANDEM" and "BUNDLE".

This device in STANDARD Setting can be used for standard sport disciplines.

In STANDARD setting, the unit will recalibrate automatically in regard of ground zero level pression, it can be used for training missions and will switch off after 14 hours.

In QNH setting for Operational/Tactical missions, the VIGIL can be set to the landing altitude or in TIME setting in the air (pressurized cabin or not) and it will automatically switch off after 24 hours.

OPERATING VALUES:

MODE	ACTIVATION ALTITUDE	ACTIVATION SPEED
PRO	840 ft (256 m)	78 mph (35 m/s)
TANDEM	2,040 ft (622 m)	78 mph (35 m/s)
BUNDLE	2,040 ft (622 m)	65 mph (29 m/s)

Visual in:

- STANDARD: the set mode will be permanently on-screen.
- QNH: alternatively, QNH (3 sec) / Elevation (3 sec) on-screen.
- TIME: set seconds permanently on-screen (from 3 to 32 sec).

On request, modes and values are factory programmable to meet specific custom operational needs.

CONFIG:

The User can choose between: "Feet" or "Meter" & "U.S." or "Metric".

NSN CODIFICATION:

- Vigil II+c Military Single Pin: VIG-MIL 2130-00 NSN: 1377-13-121-8661
- Vigil II+c Military Dual Pin: VIG-MIL 2132-00 NSN: 1377-13-122-3937

MAINTENANCE:

There is no mandatory maintenance return to the manufacturer required.

The "Control Unit" & "Cutter Unit" are field replaceable thanks to the push-pull connector.

The "High Energy Lithium Dual Battery Pack" replacement is required if a "Bat Low" or "Bat Rpl" message is displayed on screen during the startup or after 12 years of use from the DOM (max operational life time).

Battery replacement must be performed at a VIGIL RMA Center or in an approved military VIGIL service center.



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DATA LOGGER:

Up to 16 minutes of jump data (or last 16 jumps) are stored in the on-board memory.

It is possible for all users to download the recorded data, by using our "IR Download Box + Software" to your PC.

GRAPH INFO:

The freetail jumper 🌿 dot : detection of the freetail (min. 5/8 sec above activation speed).

The logo 🌿 dot: activation of the Vigil.

The open canopy 🌿 dot: detection end of the freetail (min. 5/8 sec below activation speed).



OPERATING RANGES:

Active Airborne Range (AMSL):

from -1,800 ft to 30,000 ft (-600 m to +9.200 m).

Altitude Correction Range in STANDARD Setting:

from +6,000 ft to -6,000 ft (+2.000 m to -2.000 m).

Pressure Range:

from 1090 hPa to 300 hPa (32.19 to 8,85 inhg).

Elevation Range in QNH Setting:

from -1,800 ft to +18,000 ft (-600 m to + 6.000 m).

WORKING TEMPERATURE:

from -22°F to +158°F (-30°C to +70°C).

WATERPROOF:

IP 68 - immersion at max. 6.5 ft (2 m) during max. 24 hours.

LIFETIME: 20 years life expectancy.

WARRANTY: 2 years from DOM for defective parts.

SPECIAL FEATURES:

- Self-test:

automatically checks all of its components and functions during each start up.

- A "Pulses Plus Battery" to supply the high peak current to instantly activate the cutter.

- It uses **Kevlar** reinforced cabling that delivers a unique combination of strength & suppleness.

- Equipped with a **fork clip** to secure the connectors in place.

DIMENSIONS:

- Main Box:

Size: 4 x 2 x 0.8 inch (102 mm x 51 mm x 20 mm)

Volume: 8 inch³ (130 cm³) - Weight: 14 ounce (400 g)

- Cutter size: 2 inch x Ø 0.35 inch (55 mm x Ø 9 mm)

- Controller size: 2.54 x 0.7 x 0.33 inch (64,5 x 19 x 8,5 mm)

- Cable length:

Cutter unit: Standard ± 1.97 ft (± 600 mm)

Control unit: Standard ± 2.95 ft (± 900 mm)



nv/sa

AAD nv/sa

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