



FEATURES

- Immediate indication of landing conditions (Allowed/Denied)
- Selection of type of helicopter
- Selection of deck (for multiple deck ships)
- Selection of day/night operation
- Visualization of:
 - Heading
 - Roll (instant and max in the period)
 - Pitch (instant and max in the period)
 - Relative Wind (speed and direction)
 - Allowed approaching sectors
 - SHOL Diagrams
- Selections performed by the operator on the touch screen by means of an intuitive menu
- RED light display and fully dimmerable for use with NGV equipment
- ITAR free

FULL MILITARY GRADE CONFIGURABLE FOR MULTIPLE HELOS IMMEDIATE INDICATION

This version of the General Purpose Multifunction Display ID-450, in addition to the other functions of this type of equipment, has also the capability to give to the Flight Operation Officer immediate indications if there are the conditions for aircraft operation (landing/take off).

Furthermore, in case there are not the conditions, it gives indications how to get them (e.g. by manoeuvring the ship).

It can be used in connection to the SITEP Wind and Meteo System CM-7310 (V) from which it receives the necessary data.



OPERATION DENIED



OPERATION ALLOWED

TECHNICAL CHARACTERISTICS

DISPLAY

LCD SIZE	10.1" (diagonal)
RESOLUTION	1024 (H)x600(V)
NUMBER OF COLOURS	262,144
SURFACE TREATMENT	Anti-glare
VIEWING ANGLE	160°x160°
DIMMING	Dimmable to zero

COMPUTER SPECIFICATIONS

CPU	NXP CORTEX M4
OPERATING SYSTEM	PROPRIETARY

INTERFACES

SERIAL	4x RS-232-422 inputs/outputs
LAN INTERFACE (on copper)	Ethernet 10/100
LAN (on f.o. option)	gigabit Ethernet 1000
VIDEO (option)	1x Web Cam
AUDIO INPUT (Option)	Microphone
AUDIO OUTPUT (Option)	Loudspeaker

ELECTRICAL

POWER SUPPLY VOLTAGE (FACTORY SET)	115/230 VAC or +24 VDC
POWER CONSUPTION	10W

PHYSICAL

WEIGHT (Kg)	3 Approx
DIMENSIONS (mm)	311(H)x281(W)x72(D)
ENCLOSURE	IP 54
COLOUR	RAL 7021 (black-grey)

ENVIRONMENTAL

TEMPERATURE	-20° C to +70° C storage; -5° C to +60° C operative
HUMIDITY	0% to 95% non condensing (iaw MIL-STD-810D)
SALT FOG	iaw MIL-STD-810 D
EMI	MIL-STD-461C Class IV
SHOCK	30G, 11ms (iaw MIL_STD-202)
VIBRATION	2 to 14Hz 0.25 mm (peak); 15 to 100Hz 0.2 peak (iaw IEC 6826)

Specifications subject to change without notice © SITEP Italia SpA 2015