

Sources of data



⋮

Superior control post

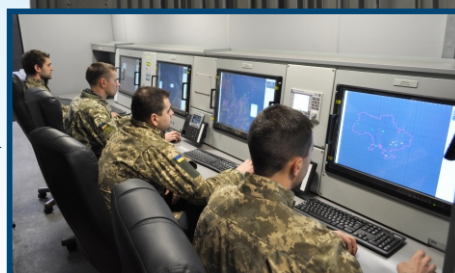


Guided AAMC



⋮

MCP1



# MCP1

MOBILE CONTROL POST FOR AIR  
AND COUNTER-AIR DEFENSE DIVISIONS



**UKROBORONPROM**  
Ukrainian Defence Industry



**ISKRA**  
STATE ENTERPRISE «SCIENTIFIC  
AND PRODUCTION COMPLEX

# MCP 1

MOBILE CONTROL POST FOR AIR  
AND COUNTER-AIR DEFENSE DIVISIONS

## MAIN TECHNICAL CHARACTERISTICS

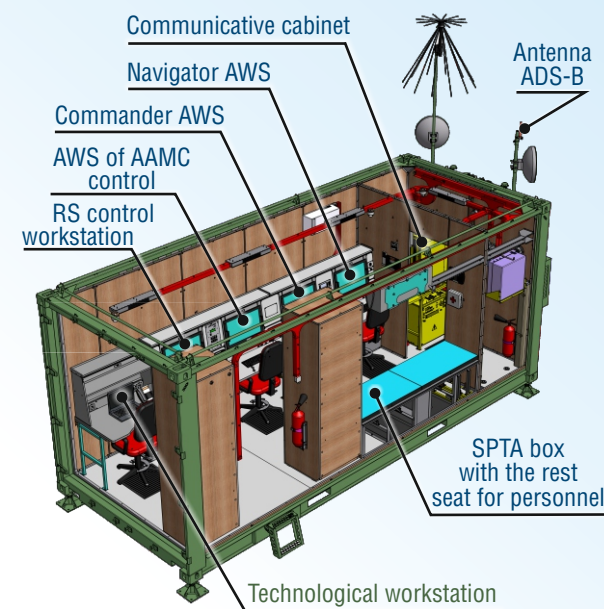
Quantity of personnel workstations	4
Quantity of radars from which the data consolidates	≥ 16
Quantity of AAMC, simultaneously controlled from one workstation	4
Quantity of AAMC, simultaneously controlled from one control post	16
Quantity of targets on which aviation aimed from one workstation	≥ 3
Quantity of VHF radio stations for communication with pilots	1
Ethernet communication channels:	- wired - 16 - radio channels - 2 - wired with SHDSL modem - 2
Exchange protocols:	ASTERIX or others at the request of the buyer



## MAIN FUNCTIONS

- radar data collection and processing coming from radar with digital output as part as air and counter-air defense;
- combining of data from radar with data from other sources;
- receiving, processing and displaying radar notification data from superior control posts;
- formation of short-term warnings about danger of convergence, dangerous heights;
- detection of aircraft objects, that approach forbidden areas;
- detection of aircraft objects, that incline from the routes;
- determining the grade of danger of targets, choice of weapons;
- targets assignment, providing target designation to AAMC;
- management of fighter aircraft pilot actions.

## COMPOSITION



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