

SETS OF EQUIPMENT 6UF77

FOR ORGANIZATION OF REGIONAL
AND CENTRAL CONTROL POSTS
OF AIR AND COUNTER-AIR DEFENSE

TYPICAL COMPOSITION OF CENTRAL CONTROL POST:



- Cabinet 365PP09** - commander, AAMC control officer, radar control officer workplaces.
- Cabinet 365PP09-01** - navigator workplace.
- Cabinet 365PP09-03** - data preparation workstation.
- Cabinet 365PP10** - server, switching equipment.
- Cabinet 365PP11** - switching equipment, hosted locally.

MAIN TECHNICAL CHARACTERISTICS

QUANTITY OF PERSONNEL WORKSTATIONS:

| | |
|--|-------|
| ■ for central post | 7...9 |
| ■ for regional post | 5...7 |
| 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:

| | |
|--|--------|
| ■ for central post | 8...12 |
| ■ for regional post | 4...8 |
| Quantity of targets on which aviation aimed from one workstation | ≥ 3 |

QUANTITY OF VHF RADIO STATIONS FOR COMMUNICATION WITH PILOTS:

| | |
|---------------------|-------|
| ■ for central post | 2...3 |
| ■ for regional post | 1...2 |

Communication channels:

-optical
-satellite
-radio channels (WiFi)
channels of tone frequency

Exchange protocols:

ASTERIX or others
at the request of the buyer

MAIN FUNCTIONS

- radar data collection and processing coming from radar with digital output and from regional and central control posts of air and counter-air defense;
- combination of data from subaltern radars, from civil aviation radars and from other sources (in particular from regional and mobile control posts);
- 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.



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