

ATC EQUIPMENT

the latest/modern/up-to-date/sophisticated equipment/devices/systems/machines

I control aircraft *using radar equipment*

I communicate with pilots *via radio station*

I keep contact with pilots *by means of radio equipment*

I exchange information with other units *by telephone*

At most airports and Area Control Centres ATC equipment is modern and 100% reliable. Air traffic controllers' *working positions are equipped with* main radar display, auxiliary flight data display and voice communication control panel.

The radar display *allows* controllers to monitor air traffic. The main radar display shows the map of the sector, airways, significant points and aircraft blips accompanied by labels. The label tells the controller the aircraft callsign, position, FL and the progress of flight. The ground speed, rate of climb or descent can also be selected. A controller can input assigned FL and ETO to forecast and prevent potential conflicts. Also conflict alert *systems are installed* to provide flight safety.

Auxiliary flight data display *provides* controllers with meteorological information (metreports, forecasts, SIGMETs), navigational information, aerodrome and restrictions information. Controllers communicate with pilots and choose the radio frequency *using voice communication* control panel. ATC controllers coordinate information with adjacent units and necessary services *via telephone*.