



Integrated Tower Position

The air traffic controller's workstation gathers an increasing amount of information. When a crisis situation occurs, the controller efficiency will depend on the availability of information provided to him. An ergonomic assessment study leading up to the making of a specific set of furniture, fitted with the suited peripheral devices, has allowed for fatigue reduction and controller watchfulness to remain on the alert while optimizing the footprint inside the control tower.

An **ATC**-dedicated space

Get rid of the desks cluttered with sundry notes and documents, the consoles overloaded with several keyboards and mice, the accumulation of monitors that end up obstructing sight on runways, radios and telephones...

Air-traffic controllers must have at their disposal an integrated workspace designed for ATC, fully oriented towards the comfort and serenity of its users within the control tower.

Toe the line

AIRview is the successful conclusion of a forty-year long experience in the area of air-traffic control. Our integrated control position has benefited from an independent ergonomic assessment, which considered many a factor:

- ✓ optimal range of movements (arms, trunk, head)
- ✓ fatigueless standing, sitting low and sitting high positions
- ✓ distance, tilt of monitors
- ✓ sight on runways
- ✓ readability of information and instructions
- ✓ lighting and sound rendering
- ✓ frequency of use and duration of station

Improve comfort

- ✓ ATC-dedicated workstation
- ✓ Optimized footprint within the control tower
- ✓ "Zero piece of paper" principle
- ✓ Numerous ergonomic adjustments: distance, height, tilt (height-adjustable tray with an electric command)
- ✓ Built-in peripheral devices with no apparent cabling (monitor, keyboard, mouse, mic-earphones, loudspeakers)
- ✓ 2 screens. Curve top screen, bottom touch screen, adjustable
- ✓ An open and upgradeable hardware platform allowing for the hosting of **AIRtouch**, **AIRvoice**, as well as third-party software
- ✓ Recyclable materials (RoHS, CE, PEFC...) compliant with our Charter of sustainable development

Key figures

0
piece of paper

0
cabling

0
stress

100%
watchfulness



Air-traffic controllers

Make the choice of an ergonomic workstation suited to your space and assignments



Top screen : curve
Bottom : touch screen, adjustable AIRtouch

Intensity-adjustable convenience lighting

Lightweight ergonomic console made of recyclable materials and height-adjustable (sitting or standing position)

Last resort unit

Built-in radio/telephone system (AIRvoice)

Cordless keyboard/touchpad

Swiveling shelf



RoHS, CE, Fanless electronics

Metallic footrest

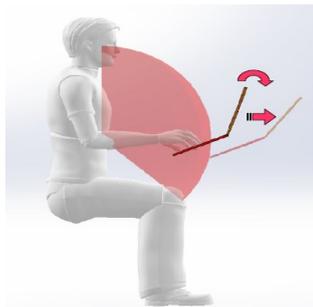
Swiveling storage unit

Push-to-talk footswitch

Third mechanical foot : consolidated support

« As with any modern workstation it is always preferable and highly recommended that as many elements as possible be adjustable to allow changes to suit the different physical characteristics and preferences of different operators. The provision of adjustable workstations allows different operators to position the different elements in their optimal viewing positions and work envelope space. Ideally a touch screen should be adjustable in terms of tilt, height and reach distance from the operator. This will allow it to be used in the most comfortable position for each user. »

Ergonomics of Touch Screens by Melanie Swann
www.ergonomic-solutions.net



discover
air touch the smart tower suite
air voice the full-ip vcs
air record the atc recorder

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