

TPN-720

Field radar system for aircraft control and landing

GENERAL

The TPN-720 is an autonomous mobile radar system for the surveillance and guidance of aircraft during landing operations.

Features of the system are ease of installation and capability of operating in any type of environment.

The whole system is contained in a truck equipped with the patented all-terrain S.A.I. (Società Aeronautica

Italiana) trailer that guarantees maximum mobility. When needed the system can also be transported by helicopter.

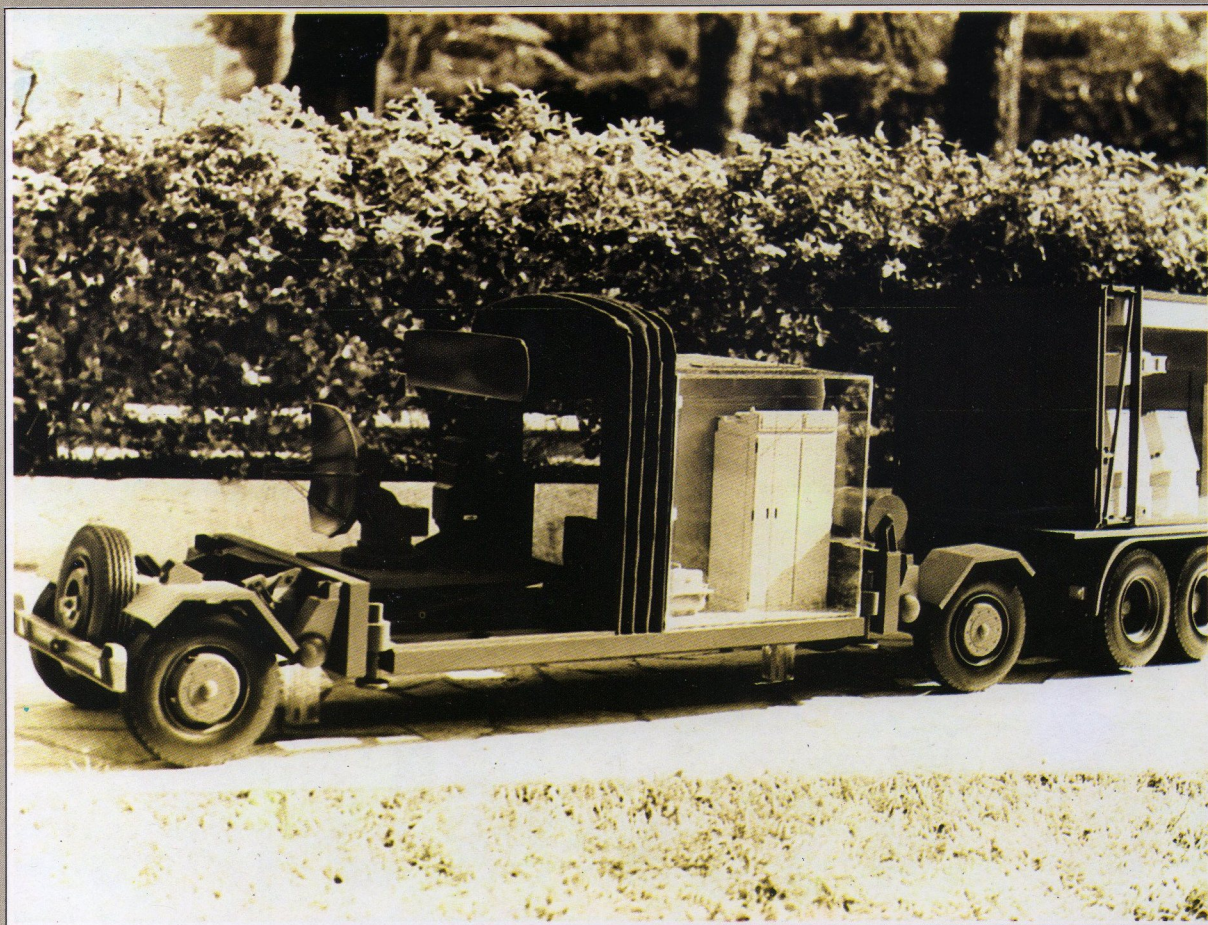
The TPN-720 main role is the control and guidance of aircrafts and helos near the landing sites (holding area) and during the approach phase (glide path).



OPERATIONAL FEATURES AND MAIN CHARACTERISTICS

- Particularly suitable for a temporary landing site
- Very easy to install independently by landing site
- Highly mobile shelterized system
- No dedicated equipment required on board of the landing aircraft or helo to be controlled
- Approach control and surveillance capability integrated in the same system
- Adjustable azimuth glide path coverage up to 270°
- Elevation glide path coverage up to 21°
- Parallax, antenna site – touch down point, correction
- "X," Band with MTI operation.

The system has been jointly developed by SMA and S.A.I. (Società Aeronautica Italiana) companies



SMA

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