



Flight simulators and virtual fires prepare Infoca to the fight against fire

LOCATION: Seville

DURATION: 1'41''

SUMMARY: The newest technology at the service of the fight against fire. It is the integrated training system Seilaf, developed in Seville, that counts on simulators which are unique in the world. They are useful to train individually or in groups to pilots and technicians to face a forest fire. Here the Infoca Andalusia Plan crew receives training. This project is the result of the collaboration of the Faasa company and the University of Córdoba.

VTR:

We fly over Guadarrama's Sierra in Spain. Our mission is extinguishing a dangerous fire that is being spread by the wind really fast and the smoke blurs the pilot's vision.

Francisco Iglesias
Responsible for flight
instruction

"In 5 or 10 minutes you think that you are in a real fire."

So much that this integrated training system to fight forest fires, Seilaf, is considered as one of the most advanced in the world. It has the support of public and private entities and counts on three simulators in Seville, one of them this Bell 412 helicopter, to train pilots.

Francisco Iglesias
Responsible for flight
instruction

"In an scenery they have never visited or flew over before, finding the same obstacles, which is what interests us mainly regarding forest fire where sadly there is a high accident rate as the flight is very close to the ground and affected by elements such as electric wires, trees..."

Six projectors generating images in 180 degrees with high quality orthophotos and an accuracy up to nine metres from the ground permits this realism, along with the technology that makes the fire evolution the same way it would do in a real situation, reacting to the actions and decisions of the crew.

Antonio Garzás
Student

"You really feel the adrenaline of a fire situation."

Antonio Martín
Student

"An environment and a tension that probably you are not going to live unless there's a real fire."

Ambience: "Tango 2 for Sierra 1"

These days the technicians of the Andalusian Plan against fire prepare her for the season when there are more fires to extinguish, summer.

Raúl Sevillano
Infoca instructor

"The objective is being able to develop skills, training protocols, work procedures so when we face a fire in summer decision making will be easier."

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