

Nondestructive examination of paved airport areas by SeCon



The paved airfield surfaces constructed in concrete or asphalt are highly charged by taxiing aircraft. Big aircrafts with high wheel load cause extreme dynamic loads on the asphalt or concrete surfaces.

On newly manufactured areas or reconstructed sections often damage from cracks, spalling or subsidence are visible after a short time.

Only a permanently effective load transfer offers the security of a long-lasting stability without damage in concrete or asphalt.

The extreme dynamic wheel load deform and wear down the construction from the surface to the subgrade. Damages at the surface are often only the visible from the hidden.



With SeCon, the nondestructive sensory Control system we measure the quality of paved fields by ground radar from the surface over the bound base to the unbound layer.

We determine the structure of the construction with layer thicknesses, the mechanical stability and the position, depth or extent of damages like cracks, spalling or subsidence on small or large area,

After completion of paved airfields and before the end of the warranty, with SeCon we check the still existing quality and make hidden damages visible.

For more information please visit our internet site or contact us by call.

Dr. P.J. Wagner
Dr. P.J. Wagner
Geschäftsführer

