STRUCTURAL HEALTH MONITORING SYSTEM of helicopters

ON-LINE

Determination of flow separation, control of the load bearing system

Control of the stress-strain state of the blades

Fiber-optic cable combines:
- deformation sensors,
- accelerometers,
- acoustic sensors,
- temperature sensors

Identification of damage (cracks) in the early stage of their occurrence

Fiber-optic deformation and acoustic sensors

Fiber-optic deformation sensors and accelerometers

Fiber-optic deformation sensors

Control of deformations of highly units