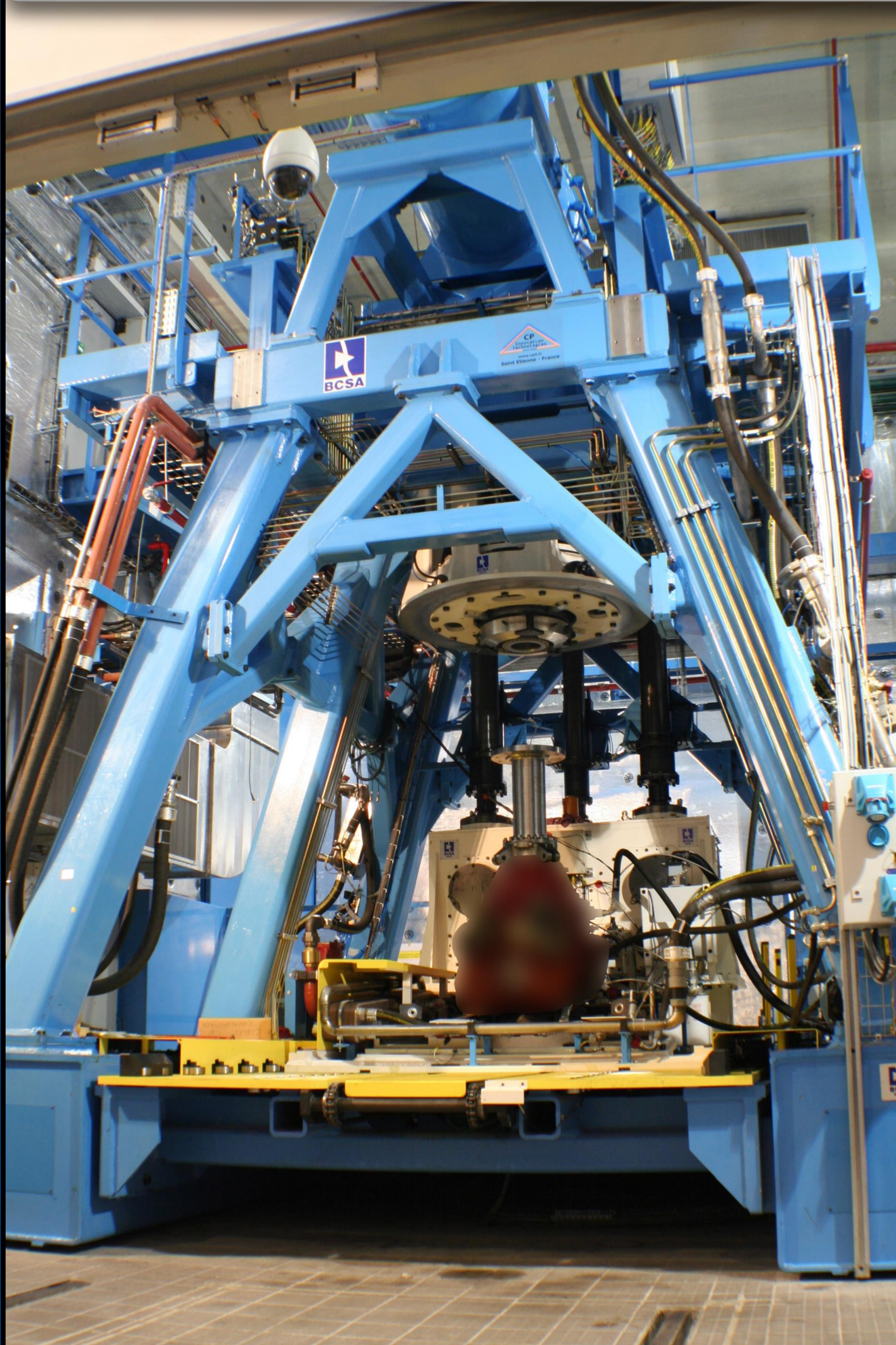


Helicopter transmission gearbox test bench

Multipurpose test bench



Upper GBX SP 1500 2T3X
MGB LS Shaft

Max Speed
450 rpm

Max Torque
191 000 Nm

Main rotor shaft loading

Vertical upward thrust
120 000 N

Shear load
15 000 N

Bending moment
25 000 N

Adaptor GBX SP 900 CT3X
Input Turbines x 2

Power :
2 X 3 200 kW

Input Speed (each turbine) :
23 000 rpm

Over speed
27 000 rpm

Max Torque :
1 329 Nm

- Mechanical close loop test bench
- Hydraulic loading device
- Multipurpose test bench, capable of testing different types of MGB by changing adaptor gearbox
- Helicopter main gearbox installation in less than 2 hours

KR 4450



Helicopter transmission gearbox test bench

Banc d'essai pour boîte de transmission d'hélicoptère

SP 1500 2T3X + BA 325 BX + SP 900 CT3X + SP 800 CT3X

www.bcsa.fr

ISO 9001:2008
BUREAU VERITAS
Certification

