

BERINGER® Wheels & Brakes for the **PILATUS PC-6**



BERINGER & ICARIUS
present
a new performance
for PC6

BERINGER® has designed and developed wheels & brakes for PILATUS PC6 in co-operation with **Icarus Aerotechnics** who carried out the tests and will distribute the kits

Under certification

Will be available from April 2010

Advanced technology since 1985



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BERINGER® wheels & brakes for the PILATUS PC-6



The high performance BERINGER® kit consists of :

- 2 main wheels (aluminium CNC machined)*
- 2 calipers (3 pistons)*
- 2 discs (steel)*
- pads (sintered metal)*
- hoses and hydraulic connection*
- 1 Tail wheel with axle*
- 2 master cylinders*
- 1 hydraulic regulator*
- specific tools for maintenance*



Patented regulator:

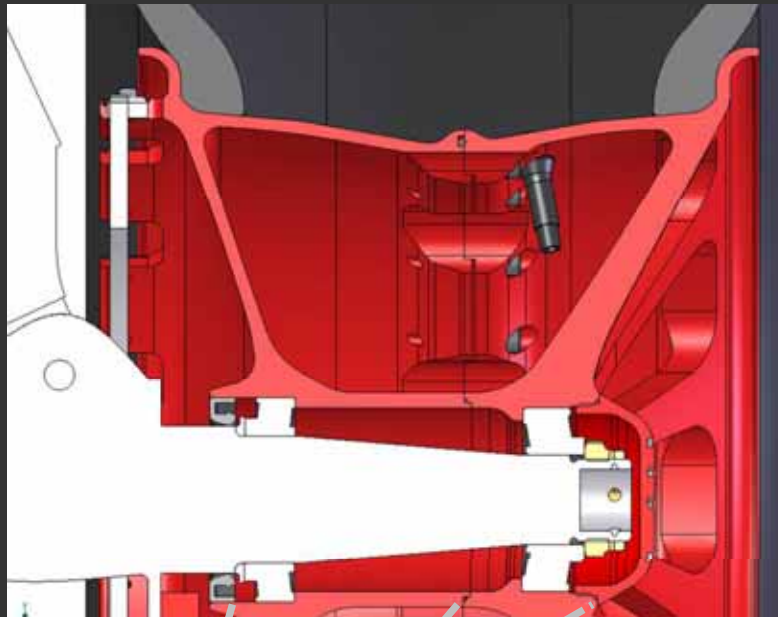
- avoids over pressure
- improves safety
- prevents "nose over"
- stops wheel locking

BERINGER® wheels & brakes for the PILATUS PC-6

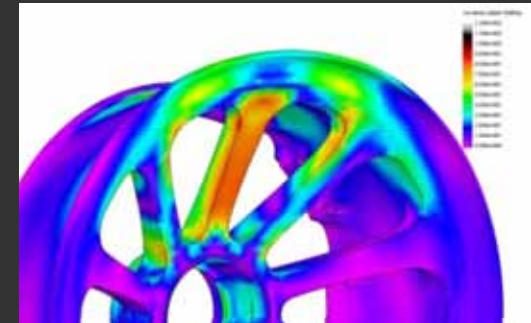


The wheels are machined from aluminium billet on CNC:
→ this manufacturing process gives 2 to 3 times more strength than cast wheels and prevents any risk of cracking

The parts are optimized using highly advanced 3D FEM software:
→ Best performance / weight ratio

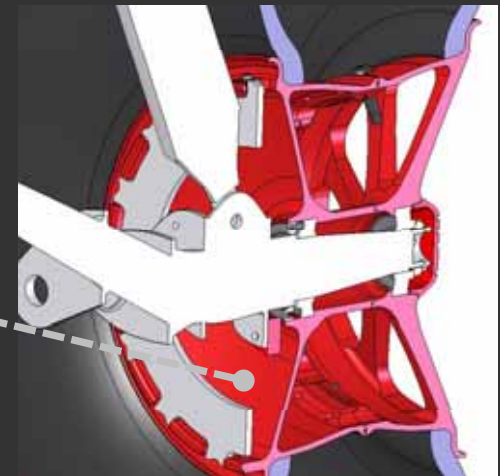


TUBELESS mounting:
→ means less risk of bursting
→ can be used anywhere:
seal, grass and rough terrain
Tube mounting possible in case of emergency.



Anodized aluminium parts:
→ excellent resistance to corrosion
→ several colours available

Lipseal, O-rings : 100% sealing
→ lubrication : only once a year

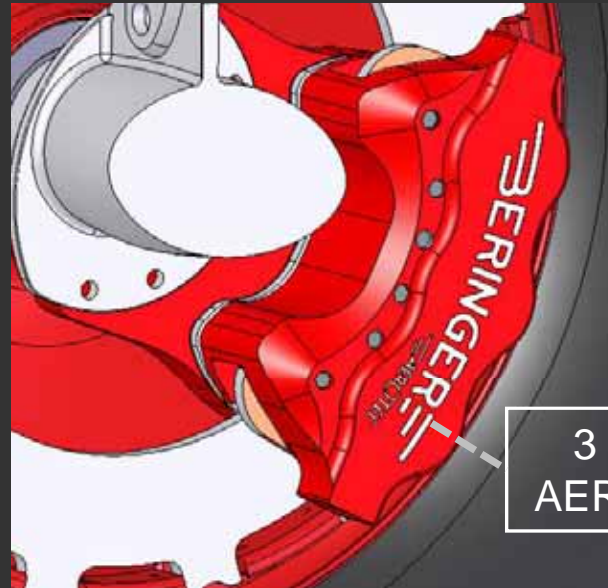
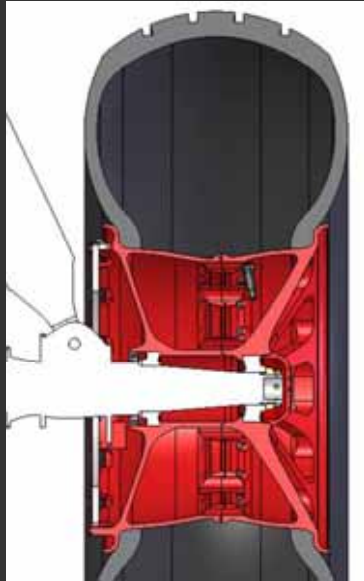


BERINGER® wheels & brakes for the PILATUS PC-6

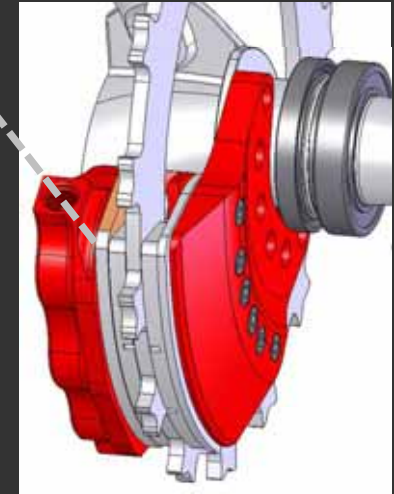


BERINGER® Wheels and brakes
perfected for a longer life.

High performance sintered metal
pads, developed in competition :
→ greater efficiency
→ longer life



3 piston caliper
AEROTEC® patent

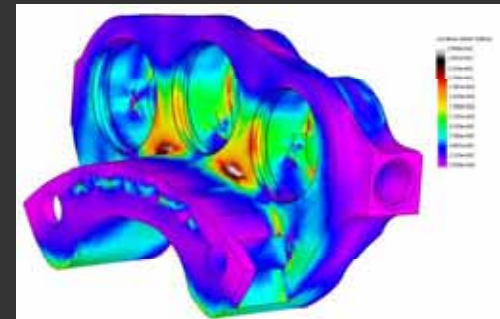


Very hard stainless
steel protecting
clips:

→ reduces wear
→ eliminates noise
when taxiing



The parts are optimized
using highly advanced
3D FEM software:
→ best performance /
weight ratio



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BERINGER® wheels & brakes for the **PILATUS PC-6**



Price of complete kit: from 15 to 18 000€

QUALITY
OPTIMUM PERFORMANCE
DURABILITY

Life-cycle costs reduced:
16€/ hour with original system
2€/ hour with BERINGER

(average cost calculated for 400 flying hours / year)

2 main wheels (aluminium CNC machined)
2 calipers (3 pistons)
2 discs (steel)
pads (sintered metal)
hoses and hydraulic connection
1 rear wheel with axle
2 master cylinders
1 hydraulic regulator
specific tools

Save 14€ / hour

Investment paid off in
less than 1000 hours
(from 2 to 3 years of use)



Save now and ask for your kit :
Contact Icarius : icarius@icarius.fr 04 92 54 16 23

Aéropole – 05130 Tallard - www.icarius.fr

