



CIRRUS
SALES & SERVICE

WHEELS & BRAKES

high performance for Aircraft



Cirrus SR20/SR22
STC

BERINGER AERO Company

- ▶ More than 28 years of knowledge and experience
- ▶ Born in 1985 and specialized in high performance braking systems for motorcycle and automotive
- ▶ Family business
- ▶ APDOA and POA agreements since 2006
- ▶ Research Center with test benches

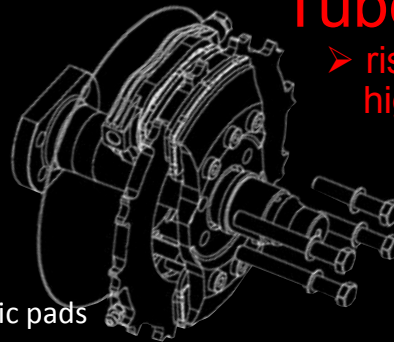
Technical Standard Orders TSO C26d

- ▶ Roll tests
- ▶ Pressure tests
- ▶ Dynamic torque tests
- ▶ Brake structural torque tests
- ▶ Over-pressure hydraulic brakes
- ▶ Endurance tests



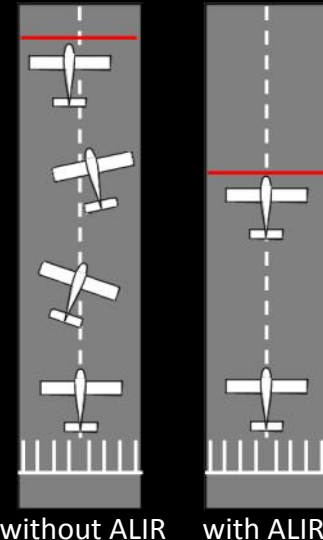
Technical specifications

- ▶ **Rolling distance reduced by 40%**
 - Increased safety level
 - Landing on most airfields
- ▶ **Weight saving from 4.5 to 7.5 lbs**
 - Depending on the original brake system (organic pads and small discs / metallic pads and thick discs)
- ▶ **High efficiency combined with easy landing**
progressive rise in performance , no wheel locking thanks to ALIR anti-skid
- ▶ **High performance and reliability**
 - Brake pads: 500 cycles
 - Discs: 2000 cycles
 - No maintenance on bearings
 - Annual visit & wear limited



Tubeless wheels

- risk of leak or failure highly reduced



Approvals EASA & FAA

*ALIR anti-skid
in line braking
reduced landing distance*

Composition of the set

- ▶ Main wheels: 6.00-6" High Energy dual caliper, disc, aluminum axle
- ▶ Tires
- ▶ Nose wheel: 5.00-5" with tire and axle
- ▶ Brake master cylinders for pilot and co-pilot
- ▶ Brake lines with fittings
- ▶ Hydraulic anti-skid ALIR

Retail price : 5399€ HT (including tires)



DISTRIBUTOR:
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Agreements:
EASA Part 21G
APDOA

