



2024

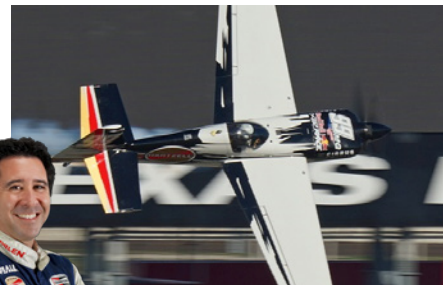


EN V2/2024

Wheels - Brakes - Landing Gear  
[www.beringer-aero.com](http://www.beringer-aero.com)

**Mike Patey, Scrappy**

*"Beringer brakes are phenomenal. The quality of machining, engineering, and performance of these brakes is of the highest caliber, and I am so happy with the way they perform."*



**Mike Goulian, USA**  
Edge 540 /Extra 330SC

**Air Show / Red Bull Air Race Pilot**

*"I switched to BERINGER brakes on my Red Bull Air Race Edge 540 and absolutely love them. The BERINGER system is much lighter than the legacy system on my plane but the stopping power makes all the difference in the world. I simply had to have the BERINGER brakes on my Extra 330 as well."*



**Aude LEMORDANT, MXS**  
Aerobatic Pilot

**4 times World Champion, Unlimited class**  
*"I thank all BERINGER team for its amazing products. I love them ! I had to have BERINGER brakes on my new plane, of course ! !"*



**Kevin Quinn, Carbon Cub**  
STOL Drag Llc

*«Having over 8000 hours in the off airport environment, I can truly say there are no better wheels and brakes than Beringer! The quality and performance is second to none! I truly love them! Do they make my tires look fat ? :) »*



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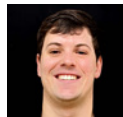
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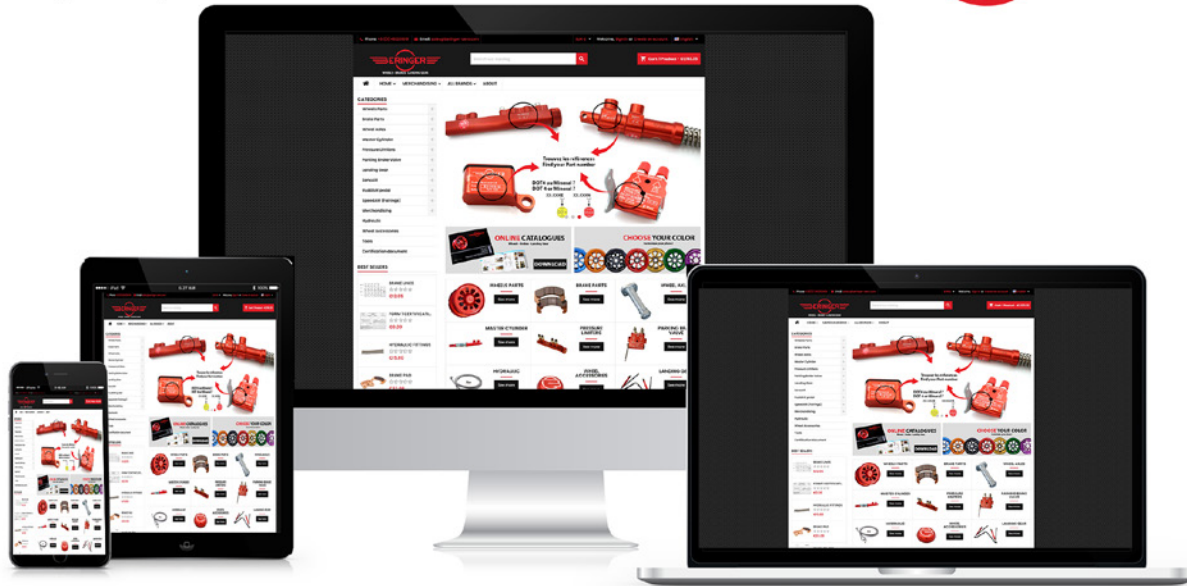


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**BERINGER AERO USA**  
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Welcome to the *BERINGER* webshop !  
All Spare parts in one click !



> **Shop-BERINGERAERO.com**

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## BERINGER - An advanced Technology

BERINGER Wheels and Brakes are designed to provide the best stopping power and the reliability you are expecting from a braking system. We will help you to choose the dimension and brake torque adapted to your aircraft. We have a large range of assemblies: wheel / brake caliper / brake pad / brake disc.

We also design and manufacture the optimal upstream components: reservoirs, master cylinders, the ALIR anti-skid system, and parking brakes. All these are tied together with top-quality braided stainless steel Teflon lines and proper fittings.

## BERINGER Wheels

High strength aluminum alloy CNC machined from solid, anodized for optimal corrosion resistance.

- TUBELESS wheel with O-rings and rigid valve
- SEALED BALL BEARINGS for optimal durability: greased for life, no repack
- Very low rolling drag

During the design of a wheel we focus on three criteria: strength, weight, and durability. First, we assess the overall design and apply our experience and some hand calculations. Then we build a 3D model on CAD software and run FEM (finite element analysis) in the optimizing process, where we remove material from one side to add it on another, etc... till the result is satisfying for us with an optimized strength/weight ratio.

Then we make prototypes and start the qualifying process on our own test benches.

## BERINGER Brake Calipers/Discs

Covered by the AEROTEC® patents

Brake Calipers :

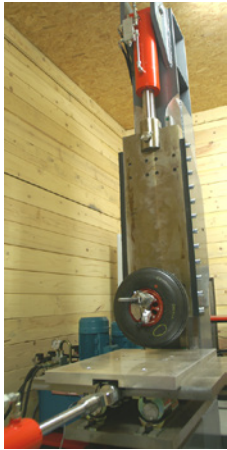
- Body made of aerospace alloy to withstand high temperatures (>200Mpa at 200°C)
- Sintered metallic pads bonded on a backplate (not riveted)
- 2 or 3 stainless steel polished pistons
- Available for DOT4 fluid OR for MINERAL (MIL FLUID) (seals are different- specify and never mix)
- 2 inlets/outlets, thread size M10x1 (for brake fluid)

Brake Discs :

- Made of highest quality material for thermal stability and long life
- Stainless steel discs or high strength steel discs with coating

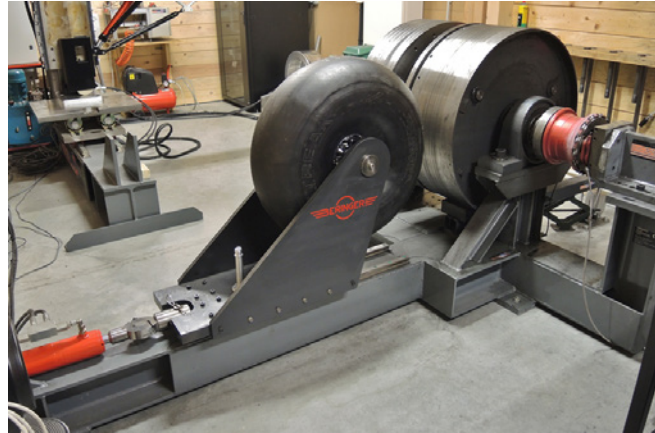
**Patent**  
**BERINGER AERO**

## BERINGER AERO Research & Development Laboratory



← ↑ 440,00Lbs Hydraulic press for ultimate load tests

Roll tests : 29" tires →



The BERINGER R&D laboratory is dedicated to Research, Development and Certification tests.

On the wheel itself we do 3 different tests :

- Load test: we apply different loadings on the wheel and tire (radial and side load) to check the strength and load rating of the wheel. Ultimate load tests go up to 6 times the static load using our 40,000lb hydraulic press capacity.
- Pressure test: mounted tire is inflated with water up to 3.5 times the maximum inflation pressure to check bolts' strength and wheel stiffness.
- Roll test : wheel is pressed on a rotating drum for 1000 miles at maximum static load to detect eventual fatigue problems or bearing failure, etc...

When the wheel has passed all the tests then we install the wheel on an aircraft for ground and flight checks...

*Note: When we designed Solar Impulse's unique main wheel, BERINGER's proprietary dynamometer was employed, because of the BERINGER wheel strength and our dyno exceptional ability to load and measure the tire. On the aircraft, that tire and its Beringer wheel (5.00-5) were of course run tubeless, at a pressure of 10 bar (over 140psi) and a static load of 3,850lbs (2.7 times more than rated load).*

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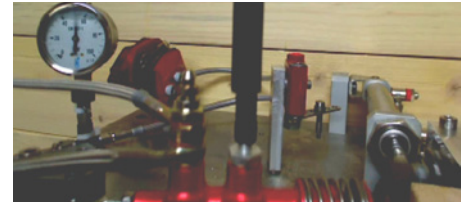
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← *Braking test on our dynamometer to evaluate the kinetic energy capacity of the braking system caliper/disc*

*Endurance test for the complete braking circuit :  
200.000 cycles of pressure input →*



Many tests are done to certify brake calipers and discs. One of those tests is the dynamic torque test; for this test we use our dynamometer. The kinetic energy capacity is tested with this machine. The dyno allows us to push the brake system to its limits. Many sensors are installed to measure temperatures.

All these tests are performed to ensure the total safety and reliability of the brake system.

Kinetic energy values indicated in the next pages are not only calculated but measured and checked on real tests.

The endurance test is also a proof of quality and durability.

The purpose of this test is to verify the life of the parts. The certification test requires 100,000 cycles at maximum operating pressure, but we test our parts to a minimum 200,000 cycles. This represents more cycles than the brake system will be subjected to in the entire aircraft life.

The patented ALG landing gear had to go through several tests for the certification process (FAA-EASA) :

- Load tests on the hydraulic press : break test
- Drop Test : simulation of a 1000ft/mn impact on the ground



→ [ALG landing gear drop Test Video](#)





**New Brake Technology**



**+ 15 to 30% kinetic energy**  
**+ 20% braking torque**  
**= reduced landing distance**

**BERINGER AERO innovates and takes a step forward with a new patented braking Technologie : AEROTEC+**  
*The culmination of decades of production, testing, and experience, AEROTEC+ now offers a fundamentally new package designed for safety and increased performance!*

**4 New international patents**

- *Ventilated pads = better heat dissipation*
- *Cooling fins on calipers = Lower temperature*
- *Calipers made of a special high temperature aluminum alloy*
- *Increased operating pressure and braking torque*



**FEATURES** **+**

**Upgraded disc low carbon steel** : the brake disc has been redesigned with a special steel alloy to increase the coefficient of friction while also handling higher temperatures.

**Two floating brake pads** : provides cooling from all sides, therefore lowering operating temperature for reduced pad wear and better caliper protection. Furthermore, the brake pad back plate has cooling fins to increase surface area and is made of a special steel alloy rated for higher temperatures (Supports 20% more torque) .

**Redesigned caliper** : the brake caliper has been redesigned to increase rigidity for higher piston loads and incorporates new cooling fins to help dissipate heat. (20% more torque)

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## New brake pads for EA-003 family



Associated brake P/N  
EA-003.3N

**PRO ELITE**  
P/N PQ-110.1

Aerotec+ designed for flight school and other intensive use.

- +15% energy.
- +3 to 4 times longer lifetime than Standard and Legacy brake pads.



Associated brake P/N  
EA-003.3N

**STANDARD**  
P/N PQ-110.2

Standard brake pads in production. Aerotec+ design for standard use.

- + Higher heat dissipation than Legacy brake pads.

Note : Legacy P/N PQT-010 still available as spare parts



## New brake pads for EA-016-17 family



**STANDARD** Standard brake pads in production.  
P/N PQT-103 Aerotec+ design for standard use.

- +15% energy
- + Higher heat dissipation than Legacy brake pads
- + Two floating pads provides cooling from all sides
- + Made of a special steel ally rated for higher temperatures
- + Lower operating temperature = better caliper protection



Note : Legacy P/N PQT-003 & 004 still available as spare parts for EA-006

## History

**1985** Gilbert Béringer created BERINGER Company helped by his wife Véronique. He has been manufacturing wheels, forks and side cars for motorbikes and then brakes, in the same spirit of quality and performance for 30 years. BERINGER won many titles in the World Endurance Championships thanks to a team of exceptional mechanical engineers who have studied and developed new products whose performance/weight ratio is without precedent.

**2002** BERINGER Wheels & Brakes was born, when Gilbert Béringer, also a pilot and Aircraft builder fond of aviation, decided to apply his patented high performance braking solutions to the aeronautical world.

**2009** BERINGER AERO was born and the Company leaved the motorbike and car business to BERINGER BRAKES.

**2011** BERINGER AERO moved to Gap-Tallard airfield. Claire BERINGER, Gilbert's and Véronique's daughter, joined the Company after she graduated as Aeronautical & Energy Dipl. Engineer (including 5 months at Oakland University–Detroit, MI) topped with a Master's degree in Commercial and Management Operations.

**2012** BERINGER AERO USA Inc. was born in Chicago to answer the US customer needs. The headquarters have moved to Greenville, SC in 2016.

**2015** BERINGER Company celebrated its 30 year anniversary and started to diversify the products by designing the ALG landing gear to improve the safety of Taildragger Aircraft.

**2017** BERINGER AERO USA got an FAA PMA production approval .

**2019** BERINGER AERO expanded its facilities in Tallard to face the increased activity and to offer the optimal conditions of work to the staff members.

**2022** BERINGER AERO USA moved to a new facility at Greenville Downtown Airport and celebrated its 10 year anniversary .

## An advanced Technologie

BERINGER makes wheels and braking systems for a wide range of aircraft, from light aircraft up to its now-standard STC for the Pilatus PC-6, and the Cirrus SR20/22 plus complete kits for many popular aircraft, that include everything for a bolt-on conversion. These innovations are covered by 11 patents and have allowed BERINGER brakes to take a decisive technological lead.

## Quality and Certification

BERINGER AERO is certified by the Alternative Procedures to Design Organisation Agreement given by EASA in 2006, by the Production Organisation Agreement given by DGAC in 2008 and by the PMA production approval given by the FAA.

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## QUALITY

*BERINGER controls product quality to ensure total reliability to the users of wheels and brakes. This is evidenced by the Alternative Procedures to Design Organisation (PAO) Agreement given by EASA in 2006 and by the Production Organisation Agreement (PAO) given by DGAC in 2008.*



## CUSTOMER SERVICE

*Customer service is one of our core values that we, as a team, work everyday toward. All of our servicing manuals and working cards can be found online : quicker and always updated !*

## INNOVATION

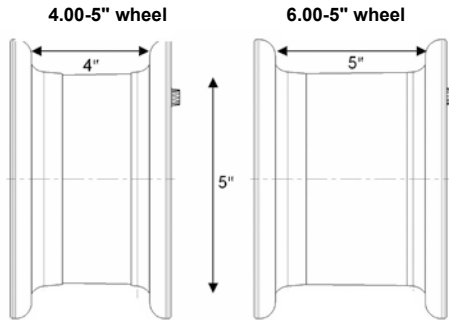
*BERINGER makes wheels and braking systems for a wide range of aircraft, from light aircraft up to its now standard STC for the Pilatus PC-6, Cirrus SR20/22 (since 2014), STC for Diamond Aircraft, Cessna 180-182 plus complete kits for many popular aircraft, that include everything for a bolt-on conversion. These innovations are covered by many patents and have allowed BERINGER brakes to take a decisive technological lead.*



## ETHICS

*At BERINGER AERO, we hold ourselves to the highest standards of ethics and integrity. We are committed to conducting business with honesty, transparency, and a strong sense of responsibility. Our ethical principles guide every decision and action, ensuring that we prioritize the well-being of our stakeholders, foster a culture of fairness, and contribute positively to the communities we serve. Upholding ethical conduct is not just a commitment, but a fundamental part of our identity, reflecting our dedication to building trust, sustaining long-term relationships, and achieving sustainable success.*

## Wheels with brakes - 4" 5" 6" 8" 10" 12" Diameter



Conversion Lbs/kg

**1 Lb <--> 0,45 kg**  
**1 kg <--> 2,2 Lbs**

Certification indication



### General technical data :

- Wheel in 2 halves
- Made of high strength aluminum, machined from billet
- Sulfuric anodizing
- Tubeless for safety (O-ring and rigid valve)
- Waterproof bearings → no repack (stainless steel available in option)
- Patented brake calipers, Aerotec® with stainless steel pistons
- Sintered metallic brake pads, bounded on a backplate (not riveted)
- Floating disc
- Steel or aluminum axles (see Axle tab)
- Tubeless tires (see Tire tab)
- Stainless steel bearings optional

Depending on the aircraft specifications (weight, landing speed, engine horse power, tire diameter, ...) and its use, you can refer to the following pages for the wheel and brake choice.

### Notes :

- **Finish** : Red is the standard color for all BERINGER products, black is a free option for wheel finish too.
- A pallet of colors is also available for the wheels (refer to website) with an extra charge and leadtime. Wheel cap optional
- The first types of 5" and 6" wheels were made of 3 flanges instead of two with 3 O'ring seals instead of 2 (2 between the flanges and 1 for the valve).

 → [Youtube BERINGER AERO technical support](#)

[How to remove a tubeless tire](#) → 

 → [How to mount a tubeless tire](#)

[How to change the wheel clips](#) → 



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## Wheel / Brakes 4" diameter

### 4" Wheel **The lightest 4" wheel/brake in the World! 2.43Lbs (1.10kg)**

**RF-013**

For light Aircraft up to 1102 Lb (500kg) MTOW  
Single brake caliper / stainless steel piston - sintered pads  
Ultralight stainless steel disc  
Tires available : see tire pages  
Aluminum axle : see axle pages  
Two bearing dimensions available (two axle dimensions)



Wheel P/N	Dimension	∅	Bearings (Axle)	Static load Lbs (Kg)	Limit load Lbs (Kg)	Wheel weight Lbs (Kg)	Caliper (Disc) P/N	Braking torque in.lbs	Max RTO energy ft/lbs	Brake weight Lbs (Kg)
RF-013.1	3.50-4"	4"	∅25-∅15	528 (230)	1848 (838)	1.48 (0.672)	EA-009.1 (DSC-013)	1400	105000	1.17 (0.530)

## Wheel / Brakes 5" diameter

### 5" Wheel **For LSA, experimental and gliders**

**Standard**

Widths available : 4.00 and 5.00  
Single brake caliper / stainless steel piston - sintered pads  
Stainless steel floating disc  
Tires available : see tire pages  
Aluminum or steel axle : see axle pages  
Option : wheel cap BCH-002



Wheel P/N	Dimension	∅	Bearings (Axle)	Static load Lbs (Kg)	Limit load Lbs (Kg)	Wheel weight Lbs (Kg)	Caliper P/N (Disc included)	Braking torque in.lbs	Max RTO energy ft/lbs	Brake weight Lbs (Kg)
RF-019 CSTC	5.00-5"	5"	∅30-∅25	1518 (688)	6820 (3093)	3.42 (1.550)	EA-016 / 017	3120	140000	1.50 (0.682)
RF-020 CSTC	4.00-5"	5"	∅30-∅25	1518 (688)	6820 (3093)	3.24 (1.469)	EA-016 / 017	3120	140000	1.50 (0.682)

**5" Wheel HL** For two seater Aircraft Van's type up to high landing speed Aircraft Lancair, Glasair, Aerobatic type

Widths available : 4.00 and 5.00

Different types of brakes depending on the required energy

- Single HE 2 piston caliper or Dual 4 piston caliper / cooling fins
- Sintered pads
- Several high strength floating discs

Tires available : see tire pages - Aluminum or steel axle : see axle pages

Option : wheel cap BCH-002



Wheel P/N	Dimension	Ø	Bearings (Axle)	Static load Lbs (Kg)	Limit load Lbs (Kg)	Wheel weight Lbs (Kg)	Caliper P/N (Disc included)	Braking torque in.lbs	Max RTO energy ft/lbs	Brake weight Lbs (Kg)
RF-018 CSTC TSO	5.00-5"	5"	Ø30-Ø25	1518 (688)	6820 (3093)	3.27 (1.485)	EA-002 (DSC-008)	4500	210000	2.34 (1.060)
							EA-002.2 (DSC-008.2)	4500	361000	2.89 (1.310)
RF-022	5.00-5"	5"	Ø35-Ø35	1518 (688)	6820 (3093)	3.27 (1.485)	EA-002 (DSC-008)	4500	210000	2.34 (1.060)
RF-021	4.00-5"	5"	Ø30-Ø25	1518 (688)	6820 (3093)	3.27 (1.485)	EA-002 (DSC-008)	4500	210000	2.34 (1.060)

**5" SL Wheel**  
Vintage spoke wheel/brake

For Vintage Aircraft < 1350 Lbs

Dimensions 5.00-5" /aluminum wheel - stainless steel spokes

Single brake caliper / stainless steel piston

Stainless steel floating disc - Sintered pads

Delievered with tire : 3.50-19" vintage style



Wheel P/N	Dimension	Ø	Bearings (Axle)	Static load Lbs (Kg)	Limit load Lbs (Kg)	Caliper P/N (Disc included)	Braking torque in.lbs	Max RTO energy ft/lbs	Complete set (wheel/brake/spokes/tire/tube) Weight lbs (Kg)
RF-041	5.00-5"	5"	Ø30-Ø25	968 (439)	3388 (1536)	EA-016.111	3120	140000	1.50 (0.682)

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**Wheel / Brakes 6" diameter**

**6" Wheel For Ultralight Aircraft and LSA**

**SL**

Widths available : 4.00 and 6.00 - Ultralight stainless steel floating disc  
 Wheel RF-009 : if tires >29" use DUAL caliper EA-016.20/017.20 (higher braking torque).  
 Wheel RF-014 6.00-6 SL : bigger bearing in the brake wheel flange  
 Tires available : see tire pages - Aluminum or steel axle : see axle pages  
 Option : wheel cap BCH-002 (6.00-6") or BCH-003 (4.00-6")



Wheel P/N	Dimension	∅	Bearings (Axle)	Static load Lbs (Kg)	Limit load Lbs (Kg)	Wheel weight Lbs (Kg)	Caliper P/N (Disc included)	Braking torque in.lbs	Max RTO energy ft/lbs	Brake weight Lbs (Kg)
RF-004	4.00-6"	6"	∅30-∅25	968 (439)	3388 (1536)	3.14 (1.426)	EA-016 / 017	3120	140000	1.50 (0.682)
RF-009	6.00-6"	6"	∅30-∅25	968 (439)	3388 (1536)	3.48 (1.580)	EA-016 / 017	3120	140000	1.50 (0.682)
							EA-016.20 / 017.20 Dual	6240	140000	3.48 (1.58)
RF-014	6.00-6"	6"	∅40-∅25	968 (439)	3388 (1536)	3.45 (1.563)	EA-016 / 017	3120	140000	1.50 (0.682)
							EA-016.20 / 017.20 Dual	6240	140000	3.45 (1.56)

**6" Wheel For two seater STOL Aircraft**

**LE**

Brake caliper : 2 piston / cooling fins  
 Floating disc  
 Tires available : see tire pages  
 Option : wheel cap BCH-006



Wheel P/N	Dimension	∅	Bearings (Axle)	Static load Lbs (Kg)	Limit load Lbs (Kg)	Wheel weight Lbs (Kg)	Caliper P/N (Disc included)	Braking torque in.lbs	Max RTO energy ft/lbs	Brake weight Lbs (Kg)
RF-015.1 C <sub>STC</sub> TSO	6.00-6"	6"	∅40-∅35	1430 (648)	5005 (2270)	4.37 (1.980)	EA-003.2 (DSC-014)	5130	250000	2.47 (1.120)
							EA-003.8 (DSC-014)	5130	250000	2.47 (1.120)
RF-015.2 C <sub>TSO</sub>	6.00-6"	6"	∅40-∅30	1430 (648)	5005 (2270)	4.53 (2.055)	EA-003.2 (DSC-014)	5130	250000	2.47 (1.120)
							EA-003.8 (DSC-014)	5130	250000	2.47 (1.120)



**6" Wheel HE For Aircraft between 1.2 and 1.8 tons (2,650 and 3,960 Lbs)**

Different types of brakes depending on the required energy

- Single HE 2 piston caliper or Dual 4 piston caliper / cooling fins
- Sintered pads
- Several high strength floating discs

Tires available : see tire pages - Aluminum axle : see axle pages

Option : wheel cap BCH-004



Wheel P/N	Dimension	Ø	Bearings (Axle)	Static load Lbs (Kg)	Limit load Lbs (Kg)	Wheel weight Lbs (Kg)	Caliper (Disc) P/N	Braking torque in.lbs	Max RTO energy ft/lbs	Brake weight Lbs (Kg)
RF-006 CSTC TSO	6.00-6"	6"	Ø40-Ø35	2080 (943)	7480 (3392)	4.99 (2.262)	EA-003 (DSC-009)	4900	355000	3.31 (1.500)
							EA-003.3 (DSC-009.3)	4900	500000	4.22 (1.914)
							EA-003.4 (DSC-009.3) Dual	9800	510000	6.11 (2.770)
							EA-003.5 (DSC-009.4) Dual	9800	550000	6.81 (3.090)
							EA-003.7 (DSC-009.4)	4900	558000	4.72 (2.140)
							EA-004 (DSC-009.3)	4900	500000	4.14 (1.880)
							EA-004.1 (DSC-009.5) Dual	9800	975000	7.63 (3.460)
							EA-004.2 (DSC-009.5) Dual	9800	975000	7.56 (3.430)
RF-016 CSTC	6.00-6"	6"	Ø45-Ø45	1870 (848)	6545 (2968)	4.81 (2.180)	EA-003.2 (DSC-014)	5130	250000	2.47 (1.120)
							EA-004.3 (DSC-009.5) Dual	9800	980000	7.65 (3.470)
							EA-003.3 (DSC-009.3)	4900	500000	4.22 (1.914)

**6" Wheel HL For Aircraft up to 2.5 tons (5,500 Lbs)**

Different types of brakes depending on the required energy

- Single HL 2 piston caliper or Dual 4 piston caliper / cooling fins
- Sintered pads
- Several high strength floating discs

Tires available : see tire pages - Aluminum axle : see axle pages

Option : wheel cap BCH-004



Wheel P/N	Dimension	Ø	Bearings (Axle)	Static load Lbs (Kg)	Limit load Lbs (Kg)	Wheel weight Lbs (Kg)	Caliper (Disc) P/N	Braking torque in.lbs	Max RTO energy ft/lbs	Brake weight Lbs (Kg)
RF-017 CSTC TSO	6.00-6"	6"	Ø40-Ø35	2310 (1047)	9460 (4291)	5.75 (2.067)	EA-004.1 (DSC-009.5) Dual	9800	975000	7.63 (3.460)
							EA-004.2 (DSC-009.5) Dual	9800	975000	7.56 (3.430)
							EA-004.3 (DSC-009.5) Dual	9800	980000	7.63 (3.460)

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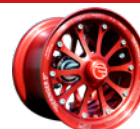
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**Wheel / Brakes 8" diameter**

**8" Wheel For Ultralight Aircraft and LSA**  
**SL** Ultralight stainless steel floating disc  
 Single or dual brakes available  
 Tires available : see tire pages - Aluminum or steel axle : see axle pages  
 Option : wheel cap BCH-002



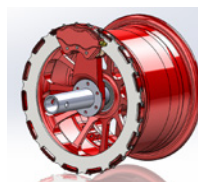
**8" Wheel For Aircraft > 2,5 tonnes (5,500 Lbs)**  
**HE** Brake caliper : 2 pistons or Dual 4 pistons - Aerotec® patent / cooling fins  
 Floating disc - Tires available : see tire pages  
 Aluminum or steel axle : see axle pages - Option : wheel cap BCH-001



Wheel P/N	Dimension	∅	Bearings (Axle)	Static load Lbs (Kg)	Limit load Lbs (Kg)	Wheel weight Lbs (Kg)	Caliper P/N (Disc included)	Braking torque in.lbs	Max RTO energy ft/lbs	Brake weight Lbs (Kg)
RF-028	7.00-8"	8"	∅30-∅25	770 (350)	2695 (1225)	5.56 (2.52)	EA-016 / 017	3120	140000	1.50 (0.682)
							EA-016.20 / 017.20 Dual	6240	140000	3.48 (1.58)
RF-010 CTSO	18x5.5"	8"	∅38.1-∅38.1	3058 (1387)	9625 (4365)	7.94 (3.600)	EA-008.1+EA-008.2 (DSC-012) PQT-012	9300	1115000	9.04(4.100)
							EA-008.1+EA-008.2 (DSC-012) PQT-013	9800	1200000	9.04(4.100)
RF-010.1	18x5.5"	8"	∅38.1-∅38.1	5507 (2497)	19275 (8743)	8.31 (3.768)	EA-008.7 (DSC-012.2) Dual	18600	1452538	12.81(5.812)

**Wheel / Brakes 10" diameter**

**10" Wheel Designed for two seater STOL**  
**LE** Brake caliper : 2 pistons / cooling fins  
 Floating disc  
 Tires available : see tire pages  
 Enjoliveurs de wheel (modèle suivant l'axe)



Wheel P/N	Dimension	∅	Bearings (Axle)	Static load Lbs (Kg)	Limit load Lbs (Kg)	Wheel weight Lbs (Kg)	Caliper (Disc) P/N	Braking torque in.lbs	Max RTO energy ft/lbs	Brake weight Lbs (Kg)
RF-024	8.50-10"	10"	∅40-∅40	1460 (662)	5010 (2272)	8.64 (3.918)	EA-010.1 (DSC-015)	8721	303000	3.50 (1.587)

**10" Wheel** Those two wheels were designed for the PC-6 Pilatus  
**12" Wheel**



- Brake caliper : 3 stainless steel pistons
- Sintered pads (two types depending on the use)
- Long life floating discs (two types depending on the use)
- wheel caps included



Wheel P/N	Dimension	Ø	Bearings (Axle)	Static load Lbs (Kg)	Limit load Lbs (Kg)	Wheel weight Lbs (Kg)	Caliper (Disc) P/N	Braking torque in.lbs	Max RTO energy ft/lbs	Brake weight Lbs (Kg)
RF-011	24x7.7"	10"	Ø50-Ø35	3080 (1397)	8160 (3701)	14.42 (6.543)	EA-001 (DSC-011 or DSC-011.2)	16900	623977	11.06 (5.015)
RF-003	11.00-12"	12"	Ø50-Ø35	3080 (1397)	15820 (8160)	20.72 (9.400)	PQT-008 or PQT-016			

**10" Wheel** Brake caliper : Dual 4 pistons caliper / cooling fins  
**HL** Steel floating disc  
 Wheel cap BCH-001



Wheel P/N	Dimension	Ø	Bearings (Axle)	Static load Lbs (Kg)	Limit load Lbs (Kg)	Wheel weight Lbs (Kg)	Caliper (Disc) P/N	Braking torque in.lbs	Max RTO energy ft/lbs	Brake weight Lbs (Kg)
RF-029	4.4x10"	10"	Ø50.8-Ø50.8	4520 (2050)	15820 (7175)	13.84 (6.277)	EA-011.2 (DSC-017.2) Dual	22350	1700000	15.64 (7.096)
RF-032	6.50-10"	10"	Ø25.4-Ø38.1	4520 (2050)	15820 (7175)	13 (5.91)	EA-018.1 (DSC-017.2) Dual	22920	1859000	14.84 (6.731)

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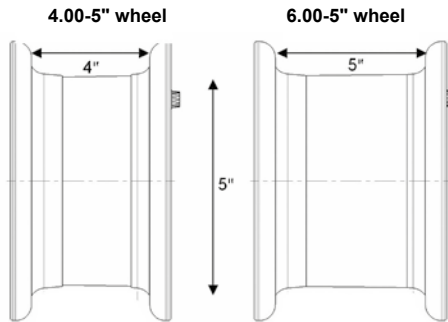
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## Nose wheels - Tailwheels - 4" 5" 6" 12.5" Diameter



### Conversion Lbs/kg

**1 Lb <--> 0,45 kg**  
**1 kg <--> 2,2 Lbs**

### Certification indication



→ [Youtube BERINGER AERO technical support](#)

### Wheel features :

- Wheel in 2 halves
- Made of high strength aluminum, machined from billet
- Sulfuric anodizing
- Tubeless for safety (O-ring and rigid valve)
- Waterproof bearings → no repack (stainless steel available in option)
- Steel or aluminum axles (see Axle tab)
- Tubeless tires (see Tire tab)
- Stainless steel bearings optional

Contact us and we will help you.

### Notes :

- **Finish** : Red is the standard color for all BERINGER products, black is a free option for wheel finish too.
- Wheel cap optional
- The first types of 5" and 6" wheels were made of 3 flanges instead of two with 3 O'ring seals instead of 2 (2 between the flanges and 1 for the valve).

[How to remove a tubeless tire](#) →



→ [How to mount a tubeless tire](#)

[How to change the wheel clips](#) →



**Tailwheel**

**Wheel 200x50  
with tube  
RA-004**

**Designed for Pipistrel Sinus/Virus**

Delivered mounted with tire 200x50/tube (price of tire and tube not included)  
For axle 5/16" (see axle pages)  
Weight : 9.45 oz / 268g  
Fork mounting only

Wheel P/N	Dimension	ø mm	Ball bearings	Static Load Lbs (Kg)	Limit load Lbs (Kg)	Wheel weight Lbs (Kg)
RA-004	200X500	200	ø10-ø10	337 (153)	1349 (612)	0.59 (0.268)



**Wheels 4" diameter**

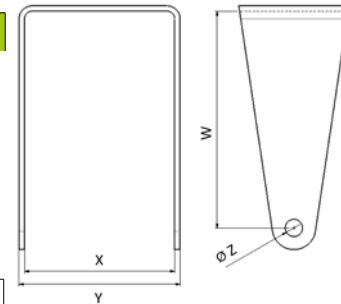
**4" Wheel  
Ultra light**

**Nose wheel for ultralight aircraft and LSA or bush tailwheel**

High load - Cantilever or fork mounting (see axle pages)  
Tires available (see tire pages)



Wheel P/N	Dimension	ø	Ball bearings	Static Load Lbs (Kg)	Limit load Lbs (Kg)	Wheel weight Lbs (Kg)	Axle P/N (fork mounting)	Axle dimensions (standard sizes - Other dimensions available - ask us)
RA-003	3.50-4"	4"	ø20-ø15	539 (245)	1888 (856)	1.36 (0.620)	AXP-003 AXP-003.1 AXP-003.2 AXP-003.3 AXP-003.4	X=111 / Z=6.4 X=111 / Z=8.2 X=89 / Z=8.2 Z=80 / Z=12.8 X=89 / Z=6.2



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**4" Wheel** Fork mounting (Axle dimensions in the table)  
RA-001 : for TT tire - RA-012 : for TL tire

Wheel P/N	Dimension	∅	Ball bearings	Static Load Lbs (Kg)	Limit load Lbs (Kg)	Wheel weight Lbs (Kg)	Axle P/N (fork mounting)	Axle dimensions (fork mounting)
RA-012	5.00-4"	4"	∅30-∅25	1034 (469)	2810 (1274)	2.43 (1.1)	AV-PIL-001	X=135 / Z=12
RA-001	5.00-4"	4"	∅30-∅25	1034 (469)	2810 (1274)	2.43 (1.1)	AV-PIL-001	X=135 / Z=12

### Wheels 5" diameter

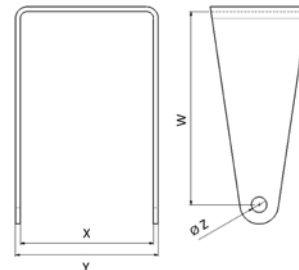
**5" Wheel** Widths available : 4.00 and 5.00 - Cantilever or fork mounting (see axle pages)  
(Axle dimensions in the table) - Tires available (see tire pages)

Wheel P/N	Certification	Dimension	∅	Ball bearings	Static Load Lbs (Kg)	Limit load Lbs (Kg)	Wheel weight Lbs (Kg)	Axle P/N (fork mounting)	Axle dimensions (fork mounting)
RA-015	C <sub>TSO</sub>	4.00-5"	5"	∅30-∅25	1140 (517)	5130 (2326)	3.10 (1.41)	AXP-007.1 AXP-007.2	X=107 / Z=9.8 X=138 / Z=9.8
RA-014	C <sub>TSO</sub>	5.00-5"	5"	∅30-∅25	1551 (703)	6968 (3160)	3.28 (1.490)	AXP-005 AXP-005.1	X=146.5 / Z=9.8 X=146.5 / Z=10

### Wheels 6" diameter

**6" Wheel** Cantilever or fork mounting (see axle pages) - Widths available : 4.00 and 6.00  
**SL** Tires available (see tire pages)  
Note : other axle dimensions available. Contact us.

Wheel P/N	Dimension	∅	Ball bearings	Static Load Lbs (Kg)	Limit load Lbs (Kg)	Wheel weight Lbs (Kg)	Axle P/N (fork mounting)	Axle dimensions (fork mounting)
RA-009	4.00-6"	6"	∅30-∅25	970 (440)	3396 (1540)	2.93 (1.327)	AV-JAB-003	X=130 / Z=6.5
RA-010	6.00-6"	6"	∅30-∅25	970 (440)	3396 (1540)	3.26 (1.48)	AXP-004	X=210 / Z=8.1



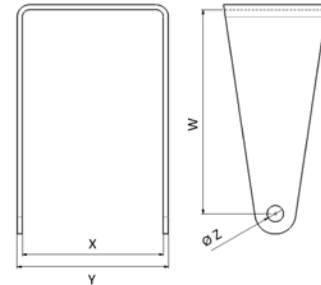
**6" Wheel LE** Cantilever or fork mounting (see axle pages)  
(Axle dimensions in the table)  
Tires available (see tire pages)

Wheel P/N	Dimension	∅	Ball bearings	Static Load Lbs (Kg)	Limit load Lbs (Kg)	Wheel weight Lbs (Kg)	Axle P/N (fork mounting)	Axle dimensions (fork mounting)
RA-016	6.00-6"	6"	∅40-∅30	1430 (660)	5005 (2310)	4.45 (1.830)	AXP-006.1 AXP-006.2	X=195.6 / Z=38.1 X=167 / Z=31



**6" Wheel HE-HL** Cantilever or fork mounting (see axle pages)  
Tires available (see tire pages)

Wheel P/N	Dimension	∅	Ball bearings	Static Load Lbs (Kg)	Limit load Lbs (Kg)	Wheel weight Lbs (Kg)
RA-005 CTSO	6.00-6" HE	6"	∅40-∅35	2135 (968)	7642 (3466)	4.56 (2.070)
RA-013 CTSO	6.00-6" HL	6"	∅40-∅35	2360 (1070)	9665 (4383)	5.41 (2.455)



**Wheel 12.5" diameter**



**Nose wheel for DHC-6 Twin Otter**  
CNC aeronautical high grade aluminum, 3 times more resistant than Magnesium  
No corrosion  
Sealed bearings (very low maintenance)

Wheel P/N	Dimension	∅	Ball bearings	Static Load Lbs (Kg)	Limit load Lbs (Kg)	Wheel weight Lbs (Kg)
RA-008	8.90-12.5"	12.5"	∅41.28-∅41.28	2023 (917)	9103 (4128)	16.43 (7.45)



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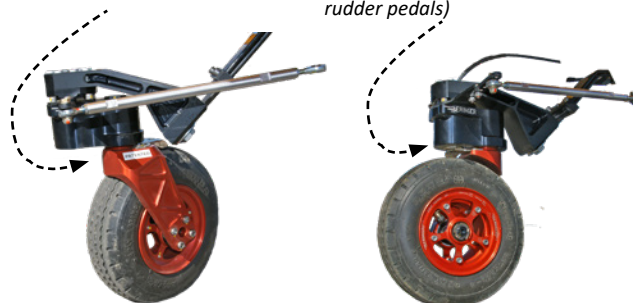
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## Crosswind... Are you ready ? Ground-Loop Resistant tailwheel : Safety for taildraggers

**Patent**  
BERINGER AERO

**Unlocked** : the wheel is free.  
Castering (steering is done with  
the brakes)

**Locked** : the connection wheel/  
rudder is rigid with a freedom of  
+/-20° (steering is done with the  
rudder pedals)



Two-pivot system, locking lever in the cockpit :

- Unlocked : the tailwheel is free castering for parking. Steering is done with the brakes.
- Locked : the tailwheel is locked with a freedom of +/- 20° for take off, landing and taxiing. Steering is done with the rudder pedals.

For taildraggers with a MTOW up to 750 kg / 1650 lbs. Solid design for off-airport use.

The GLR tailwheel, combined with the ALG landing gear, can be considered as the ULTIMATE SOLUTION for Bushplanes .

Bring a whole new dimension of freedom

to your STOL with BERINGER equipments !

**Remark** : available in two sizes (tire dimension)



AV-ZLIN-630



AV-CUB-210

P/N	Aircraft make/Model GLR tailwheel Description	Wheel Ø	Tire	Lbs	kg
AV-BRM-620	BRM AERO/XL8 small wheel	4"	2.80/2.50-4"	8.31	3.77
AV-CUBC-630	Carbon Cub big wheel	4"	4.00-4"	9.08	4.12
AV-MENES-630	H. Nicollier/Menestrel big wheel	4"	4.00-4"	9.08	4.12
AV-JOD-630	Jodel XXX big wheel Buy a leaf from Aircraft Spruce P/N 06-14300	4"	4.00-4"	9.08	4.12
AV-MAV-630	Maverick big wheel	4"	4.00-4"	9.08	4.12
AV-GROP-620	Nando Groppo/ Trail/G70 small wheel Buy a leaf from Aircraft Spruce P/N 06-14300	4"	2.80/2.50-4"	8.31	3.77
AV-GROP-630	Nando Groppo/ Trail/G70 big wheel Buy a leaf from Aircraft Spruce P/N 06-14300	4"	4.00-4"	9.08	4.12
AV-ZLIN-620	Zlin Aviation/Savage small wheel	4"	2.80/2.50-4"	8.31	3.77
AV-ZLIN-630	Zlin Aviation/Savage big wheel	4"	4.00-4"	9.08	4.12
AV-SVNA-620	ICP/Savannah small wheel	4"	2.80/2.50-4"	8.31	3.77
AV-SVNA-630	ICP/Savannah big wheel	4"	4.00-4"	9.08	4.12
AV-ZENI-630	Zenair 601UL-XL classic big wheel	4"	4.00-4"	9.08	4.12
AV-CUB-210	Control lever to unlock	-	-	-	-



## Tire Pressure and Temperature Monitoring System

The new SensAIR system is connected to a mobile app on your smartphone thanks to pressure and temperature sensors slid over your BERINGER rim.

Sensors are normally switched off to save the battery (2 to 3 years lifetime) and are activated when the smartphone is detected within a 10m/3ft radius.

SensAIR communicates data to the app with a single code per wheel so there is no risk to measure the data of another tire in the hangar...

Low pressure and temperature levels are set by the user on his smartphone so he can receive a notification.

No need to ramp under your plane to check pressure anymore, thanks to SensAIR you can check your pressure before and during each flight!



  
**PATENTED**



**NEW** : SensAIR is included in BERINGER wheel/brake STC for :

**C<sub>STC</sub>**

- ✓ Cirrus SR20/22
- ✓ Piper PA-46
- ✓ Cessna 180/182
- ✓ Diamond DA40/42/62

(FAA & EASA approved)

### SensAIR features :

- Balanced system with one pressure and temperature sensor per wheel
- To be connected to a mobile app or analog reader with Bluetooth
- 1 ID by sensor
- The sensor switches on when the app is connected, then switches back to sleep mode to save battery (lifetime about 2 to 3 years)
- One size of carbon ring per wheel size, same sensor
- Certification scheduled for Q2 2022
- Retrofitable on all BERINGER wheels
- Weight of one assembly for one wheel = 3,30g

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**SensAIR®**

Tires

Wheel Axles

Landing Gears  
ALG/B' Flex  
Shock Wheel

Hoses/Fittings

Brake Controls  
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Regulators  
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## How to order SensAIR ?

P/N	Size of wheel	Qty per shipset
TP-004	4"	1
TP-005	5"	1
TP-006	6"	1
TP-008	8"	1



Already assembled and identified by a unique ID (FLI)

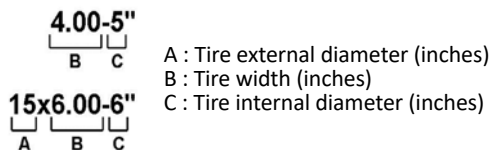
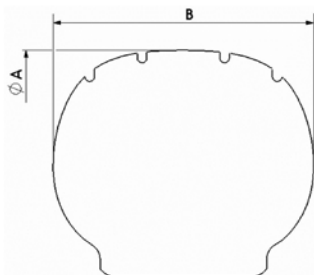
## What comes with SensAIR :

Special packaging : SensAIR skin packed with ID card (P/N, S/N, app password)  
Installation manual



SensAIR is a registered trademark of BERINGER

Dimension of a tire



A : Tire external diameter (inches)  
 B : Tire width (inches)  
 C : Tire internal diameter (inches)

Conversion Lbs/kg

**1 Lb <--> 0,45 kg**  
**1 kg <--> 2,2 Lbs**

Notes :

- We highly recommend the tire installation by BERINGER for all new wheels and tires bought at BERINGER. This service, charged in addition, includes a pressure test to ensure the conformity of the installation.
- We recommend the tire changing to be done by a BERINGER Service Center, with the specific BERINGER tool.
- Dimensions and weight can vary. BERINGER AERO is not liable for the load or speed rating variations.

**The tire choice can lead to a different wheel size.**  
**The following chart lists all the wheel sizes and their matching tire sizes.**  
**Do not hesitate to contact us for more information.**



→ [Youtube BERINGER AERO technical support](#)

[How to remove a tubeless tire](#) →



→ [How to mount a tubeless tire](#)

Tire P/N	Description	ø A Inch	Width B Inch	Static load Lbs	Weight		Wheel correspondance
					Lbs	Kg	
PAG05	tire and tube 200x50 6PLY TT	7.90	2.00	-	1.10	0.50	RA-004
PAG07	Tire 2.80/2.50-4" 4PLY Kenda TL	9.00	2.80	411	1.32	0.60	3.50-4
PAG02	Tire 3.00-4" 4PLY Veloce TL	10.30	3.50	-	1.32	0.60	3.50-4
S-390	Tire 9x3.50-4" 4PLY Cheng Shin	9.00	3.50	-	1.76	0.80	3.50-4
S-317	Tire 11x4.00-5 " 4PLY Deli TL	11.60	3.80	-	2.65	1.20	4.00-5

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# Tires

Contacts	Tire P/N	Description	Ø A Inch	Width B Inch	Static load Lbs	Weight Lbs Kg		Wheel correspondance
Webshop	PAG01	Tire 4.00-4" 4PLY Kenda TL	11.90	3.90	-	2.20	1.00	3.50-4
BERINGER Aero Technologie	PAG10	Tire 4.00-4" 4PLY Secura TL	11.90	3.90	-	3.09	1.4	3.50-4
AmOiler® Patents	505T08-1	Tire 5.00-5" 10PLY FE LT Goodyear TL	14.20	4.95	2150	6.80	3.08	5.00-5
History/Values	070-310-0	Tire 5.00-5" 8PLY Michelin Air TL	14.20	4.70	1800	5.73	2.60	5.00-5
Wheels/Brakes	PAD01	Tire 4.00-6" 6PLY Mitas TT	14.50	4.40	-	2.87	1.30	4.00-6
Nose-Tailwheels	PAD03	Tire 4.00-6" 6PLY Aero Classic TL	14.50	4.40	-	3.75	1.70	4.00-6
SensAIR®	TK2077A	Tire 4.00-6" 6PLY MDO	13.80	4.10	570	4.20	1.90	4.00-6
Tires	TK107A	Tire 4.00-6" 8PLY AeroClassic	13.30	4.13	849	5.50	2.50	4.00-6
Wheel Axles	PAC03	Tire 13x5.00-6" 4PLY Deli TT	13.40	4.70	-	2.87	1.30	4.00-6
Landing Gears ALG/B'Flex Shock Wheel	PAC04	Tire 13x5.00-6" 8PLY Mitas TL	13.40	4.70	-	3.30	1.50	4.00-6
Hoses/Fittings	PAC08	Tire 15x6.00-6" 10PLY Flight Custom II Goodyear TL	14.50	5.30	3200	9.70	4.40	4.00-6
Brake Controls Rudd'Air Pedals	PAC02	Tire 15x6.00-6" 6PLY Mitas TL	14.80	5.10	-	4.85	2.20	4.00-6
Regulators Anti-skid	PAC10	Tire 15x6.00-6" 4PLY Kenda TL	14.80	5.10	-	5.69	2.58	3.50-4
Parking Valves	PAC05	Tire 15x6.00-6" 6PLY Air Trac TT	15.00	5.30	1950	6.17	2.80	4.00-6
Spare Parts	PAB01	Tire 380x150-5" 6PLY Michelin Air TT	15.00	5.50	1598	6.61	3.00	5.00-5
Tools	025-501-1	Tire 15x6.00-6" 6PLY Michelin Air TL	15.00	5.30	1950	7.27	3.30	4.00-6/6.00-6
FAQs	PAB03	Tire 6.00-6" 6PLY AirTrac TT	17.50	6.30	1150	6.83	3.10	4.00-6/6.00-6
Certified kits/STCs	070-317-1	Tire 6.00-6" 8PLY Michelin Air TL	17.50	6.30	2350	9.26	4.20	4.00-6/6.00-6
Exp. Kits	606T86-3	Tire 6.00-6" 8PLY Flight Custom III Goodyear TL	17.50	6.30	2350	13.00	5.90	4.00-6/6.00-6
They trust us	PAF03	Tire 21x8.00-6" 4PLY Aero Classic TL	20.50	7.10	800	10.80	4.90	6.00-6
	076-325-0	Tire 8.50-6" 6PLY Michelin TL	21.00	7.50	2275	15.43	7.00	6.00-6
	PAF05	Bush Tire 22x8.50-6" 4PLY Aero Classic TT	22.00	8.10	1600	8.82	4.00	6.00-6
	HF237-1	Bush Tire 21x12.00-8" 6PLY DURO	21.00	7.95	-	8.60	3.90	7.00-8

**Axles**



**Conversion Lbs/kg**

**1 Lb <--> 0,45 kg**  
**1 kg <--> 2,2 Lbs**



Axle nut and pin

**Axle features :**

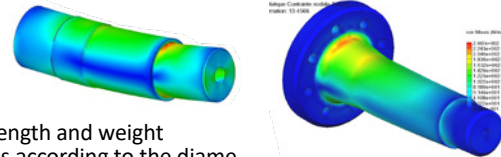
Made of high grade aeronautical aluminum, red anodized or made of steel, nickel coated.

Different types of axles are available:

- fork mounting : the axle is fitted both sides (nose wheel)
- cantilever mounting : the axle is fixed on one side only (often main wheel)

BERINGER axles for main wheels are tapered for strength optimization : the offset is reduced and the two ball bearings have different sizes.

Axles are FEM calculated for optimized weight and stress distribution.



**Notes :**

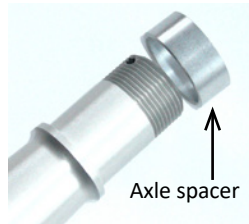
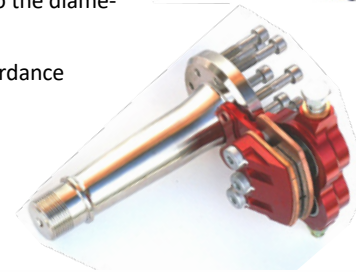
You will find in the following tables :

- the axle list with dimensions, strength and weight
- the correspondance axles/wheels according to the diameters of the wheel ball bearings
- the hole patterns available

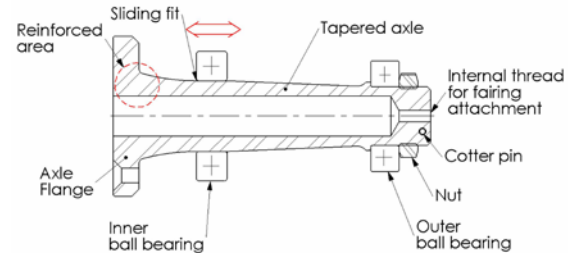
The calipers are delivered fixed to the axles, in accordance with the drilling.

Some axles are mounted with spacers, other not

Do not hesitate to contact us.



Axle spacer



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Axle P/N	Description	Dimension of axle thread	Static load/Axle Lbs		Limit load/Axle Lbs		Weight Lbs	
			Kg	Lbs	Kg	Lbs	Kg	Lbs
FUS-001	Conical aluminum axle	M25x1.5	354	780	1231	2714	0.25	0.55
FUS-004	Conical steel axle	M25x1.5	649	1430	2257	4976	0.62	1.37
FUS-005	Conical aluminum axle	M25x1.5	431	949	1499	3306	0.225	0.50
FUS-006.4	Conical aluminum axle	M15x1	300	661	1043	2310	0.13	0.29
FUS-007.1	Conical steel axle	M35x1.5	948	2089	3297	7315	1.28	2.82
FUS-007.2	Conical aluminum axle	M35x1.5	770	1697	2678	5950	0.51	1.12
FUS-007.7	Conical steel axle	M35x1.5	1040	2292	3617	8030	1.17	2.58
FUS-008	Conical aluminum axle	M25x1.5	317	698	1102	2450	0.44	0.97
FUS-009	Conical aluminum axle	M25x1.5	390	859	1356	2993	0.25	0.55
FUS-010	Conical aluminum axle	M25x1.5	377	830	1311	2894	0.33	0.73
FUS-011	Conical aluminum axle	M25x1.5	354	780	1231	2714	0.29	0.64
FUS-012	Conical aluminum axle	M25x1.5	377	830	1311	2894	0.24	0.53
FUS-013	Conical aluminum axle	3/4"-16	354	780	1231	2714	0.36	0.79
FUS-014.1	Conical aluminum axle	M30x1.5	635	1399	2208	4900	0.45	0.99
FUS-014.2	Conical aluminum axle	1.5"x16 UNF	450	991	1565	3500	0.63	1.39
FUS-014.3	Conical aluminum axle	1.5"x16 UNF	570	1260	1982	4410	0.45	0.99
FUS-015	Conical aluminum axle	M25x1.5+3/4"-16	354	780	1231	2714	0.48	1.06
FUS-016	Conical aluminum axle	M25x1.5	465	1030	1617	3600	0.27	0.60
ECR-001	Aluminum nut	M35x1.5	-	-	-	-	0.02	0.04
ECR-002	Aluminum nut	M25x1.5	-	-	-	-	0.01	0.02
ECR-004	Aluminum nut	M30x1.5	-	-	-	-	0.02	0.04
ECR-005	Aluminum nut	1.5"x16 UNF	-	-	-	-	0.04	0.09
ECR-006	Aluminum nut	1.5"x16 UNF	-	-	-	-	0.06	0.13
ECR-006.1	Aluminum nut	1.25"x12 UNF	-	-	-	-	0.07	0.15
E-HN-008	Steel safety nut	3/4"-16	-	-	-	-	0.05	0.11
BGE-016	Axle spacer for FUS-001	-	-	-	-	-	0.01	0.02
BGE-026	Axle spacer for FUS-003	-	-	-	-	-	0.01	0.02
More types available, do not hesitate to ask us ...								



↓ Axle P/N	Correspondance main wheel axles / Wheels				T1...T7 shows the hole pattern						Other
	3.50-4"	4.00-5" & 4.00-5"HL	5.00-5" & 5.00-5"HL	4.00-6" SL	6.00-6" SL	6.00-6" LE	6.00-6" HE	6.00-6 HL	10 LE		
FUS-001	-	-	T1, T2, T4, T55	T1, T2, T4, T55	-	-	-	-	-	-	
FUS-004	-	-	T1, T2	-	-	-	-	-	-	-	
FUS-005	-	T1, T2	-	-	-	-	-	-	-	-	
FUS-006.4	T6	-	-	-	-	-	-	-	-	-	
FUS-007.1	-	-	-	-	-	-	-	T3	-	-	
FUS-007.2	-	-	-	-	-	-	T3	-	-	-	
FUS-007.7	-	-	-	-	-	-	T7	T7	-	-	
FUS-008	-	-	-	-	T3	-	-	-	-	-	
FUS-009	-	-	T2	-	-	-	-	-	-	-	
FUS-010	-	-	-	-	T1, T2,T4, T55	-	-	-	-	-	
FUS-011	-	-	-	T3	-	-	-	-	-	-	
FUS-012	-	-	-	-	1"1/4 US	-	-	-	-	-	
FUS-013	-	-	-	T1	-	-	-	-	-	-	
FUS-014.1	-	-	-	-	-	T3	-	-	-	-	
FUS-014.2	-	-	-	-	-	-	-	-	-	Cleveland wheel	
FUS-014.3	-	-	-	-	-	-	-	-	T3	-	
FUS-015	-	-	-	-	T1	-	-	-	-	-	
FUS-016	-	-	-	T1, T2,T4, T55	-	-	-	-	-	-	

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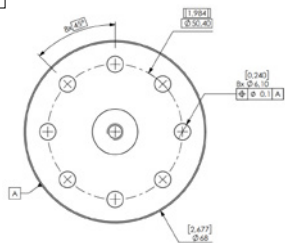
FAQs

Certified kits/STCs

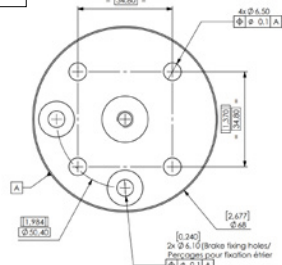
Exp. Kits

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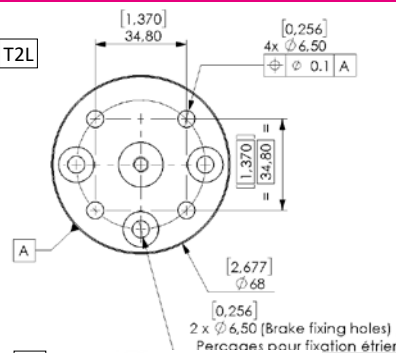
T1



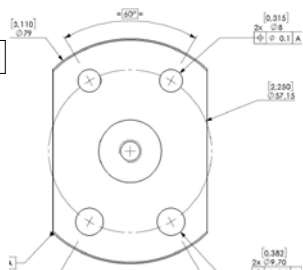
T2



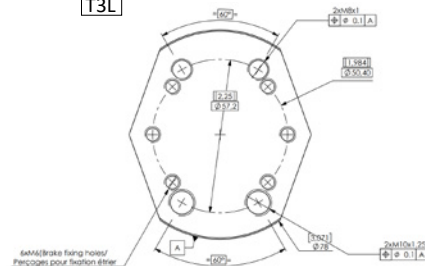
T2L



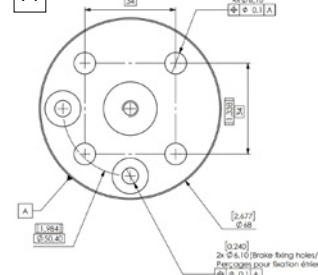
T3



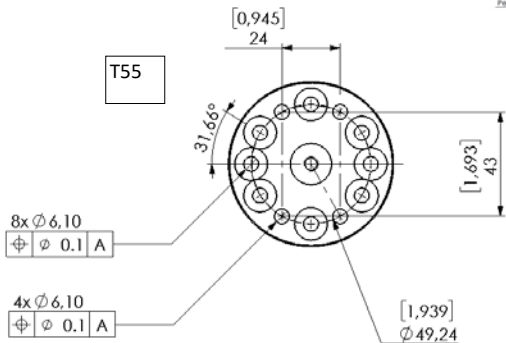
T3L



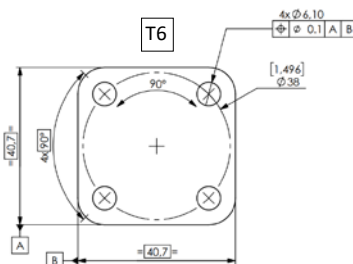
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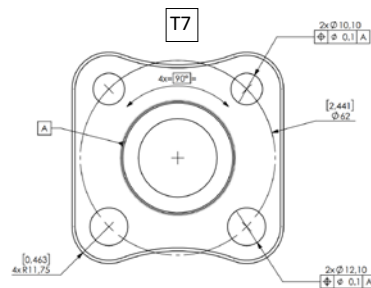
T55



T6

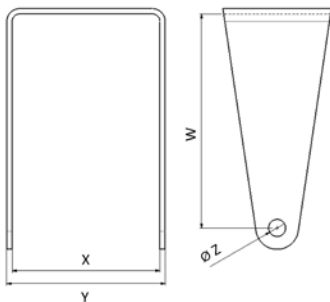


T7





Axles : how to take dimension



Correspondance nose wheel axles / Wheels						
← These dimensions in mm refer to the scheme						
Wheel → ↓ Axle P/N	3.50-4" RA-003"	4.00-5" RA-015"	5.00-5" RA-014"	4.00-6 SL RA-009"	6.00-6" SL RA-010"	6.00-6" LE RA-016"
AXP-003	X=111/Z=6,4					
AXP-003.1	X=111/Z=8,2					
AXP-003.2	X=89/Z=8,2					
AXP-003.3						
AXP-003.4	X=89/Z=6,2					
AXP-003.5	X=120/Z=8,2					
AV-JAB-003				X=130/Z=6,5		
AXP-004					X=210/Z=8,1	
AXP-005			X=146,5/Z=9,8			
AXP-005.1			X=146,5/Z=10			
AXP-006.1						X=195,6/Z=38,1
AXP-006.2						X=167/Z=31
AXP-007.1		X=107/Z=9.8				
AXP-007.2		X=138/Z=9.8				

For other dimensions please contact us



← Van's front wheel axle



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## Alaskan Landing Gear™ / Rough terrain ... Are-you ready?

Designed to improve the safety of STOL airplanes during delicate landings off airport and on unpaved runways, the oleo pneumatic BERINGER landing gear absorbs gravels, rocks, trees (tested !) and holes...

Bench tests have demonstrated that the ALG divides by three the amount of stress on the airframe !

### ALG

For airplanes < 2400lbs, the ALG replaces the original landing gear in place and includes :

- 2 energy-dissipating oleo-pneumatic dampers, anti rebound and anti roll
- 2 traction legs with articulated fork and axle
- 2 stiffening legs

#### Technical data :

- 30 cm / 12" of travel
- Light and high strength aluminum (2024)
- Solid design for off-airport use (tested at 3G)

Combined with the light BERINGER wheels and a powerful and progressive BERINGER brake, as well as the Ground Loop Resistant tailwheel, the Alaskan Landing Gear can be considered as the ULTIMATE SOLUTION for Bushplanes.



**Patent**  
BERINGER AERO



#### Remarks :

The ALG landing gear is available for many airplanes and ultralight aircraft. Please report to the pages describing the kits (alphabetic list).

If you do not find your airplane, please contact us.

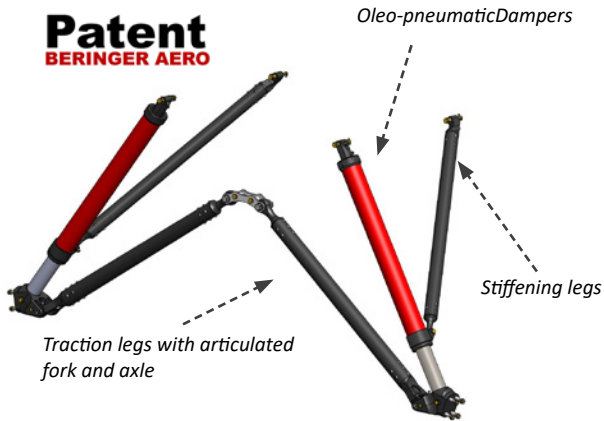
The cabane is not included in the ALG kit.



→ [ALG in Alaska](#)



**Patent**  
BERINGER AERO



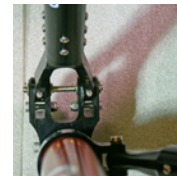
ALG P/N	Airplane/Ultralight Aircraft
AV-CUB-020	Cubcrafters Carbon Cub
AV-JUST-120	Just Aircraft Highlander
AV-SAF-120	Kitplanes for Africa Safari/BRM XL8
AV-SVNA-120	Savannah Taildragger
AV-SVNA-100	Savannah cabane
AV-GROP-120	Trail Nando Groppo
AV-JOK-120	Joker J300
AV-MAV-120	Maverick
AV-ZLIN-120	Zlin Savage
STC-018/019/020	Piper PA-18 SuperCub



→ [How to do maintenance on ALG](#)



→ [Youtube BERINGER AERO technical support](#)



The patented ALG landing gear had to go through several tests for the certification process (FAA-EASA)



→ [Drop test video](#)



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## Rough terrain ? ... Ready with Shock Wheel

Designed for spring gears, the Shock Wheel system absorbs energy at landing and taxiing. It mounts very easily between the gear leg and the wheel axle. The kit includes for both sides :

- 2 energy-dissipating oleo-pneumatic dampers, anti rebound and anti roll
- 1 axle support that bolts onto the gear leg

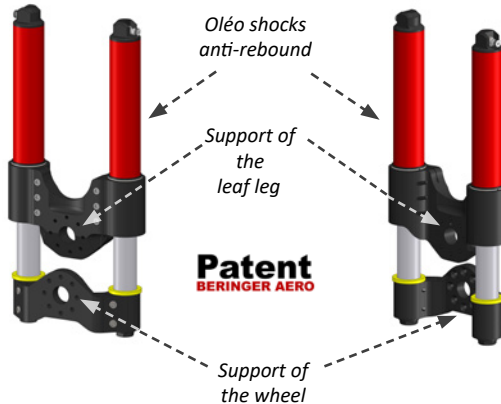
### Technical data :

- Light and high strength aluminum (2024)
- 3"/80mm of oleo-pneumatic absorption
- Tested at 3.5G
- Anti-roll system included
- Only fits with BERINGER wheels and brakes



**Patent**  
BERINGER AERO

### NEW 2 variants : Sport or All Terrain

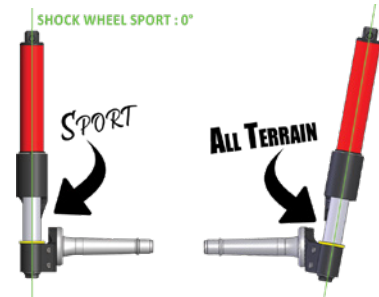


	WHEELS OPTIONS	TIRES OPTIONS	SPACERS	HOLES
<b>SPORT</b> FOR ULTRALIGHTS KITS, HOMEBUILT, GYRO, STOL ... MTOW 1325 LBS	5, 6, 8" WHEELS 	TIRES POPULAR 21" & 22" 	NO SPACER NEEDED	HOLE PATTERN T1 
<b>ALL TERRAIN</b> FOR LSA, KITS, HOMEBUILT, STOL, EXPERIMENTAL ... MTOW 1765 LBS	6, 8" WHEELS 	TIRES POPULAR 22, 26, 27.5" OPTION 29" 	NO SPACER NEEDED SPACER ONLY REQUIRED FOR 29"	HOLE PATTERN T2 

### Remarks :

The Shock Wheel is available for various ultralights and LSA. Please refer to the Kit pages (sorted alphabetically). If your aircraft is not listed and features a spring gear, please contact us.

**NEW** : Fairings are now available for the shock Wheel mounting, see next pages...



SHOCK WHEEL ALL TERRAIN : 10°

## The Shock Wheel preserves your aircraft

### →Off-airport :

- Landing off-airport on unpaved surfaces (rocks, holes, ...)



### →Glider towing :

- Frequent landings
- Unpaved runways



### →Flight school :

- Hard landings
- Frequent landings
- Allows more freedom to the student



→ [Shock Wheel test on G1](#)



→ [Youtube BERINGER AERO technical support](#)

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## B'FleX LG : preserve your Aircraft

Designed for Aircraft with leaf LG, B'FleX will absorb shocks on rough terrains. B'FleX is made of three elements : one Zical leg for central absorption and two fixing and connecting pieces (axle and cabin). It is twice as strong as steel LG and much lighter.

- + **Evolving profile** : B'FleX gear has a specific profile (width-thickness) allowing an excellent stress distribution all along the landing gear
- + **No more parasitic movements** : from front to back of the LG leg at braking
- + **Absorption** is better as well as airframe preservation

### Technical datas :

- Tested at 1 350 lbs (600 kg) and 3G without permanent deformation
- Made of aluminum and Zical, CNC machined from aluminum billet
- Weighs only 6.8 Lbs (3.1kg) per side



### Remarks :

Available for LSA, Ultralight / experimental Aircraft, kits ... with tricycle or taildraggers configuration and with max takeoff weight of 1,350 Lbs (600kg).

Please refer to the Kit pages (sorted alphabetically).

If your aircraft is not listed, please contact us.

Type of spring gear	Steel Gear	Aluminium Gear	Composite Gear	B'FleX BERINGER
Weight	✓	✓✓	✓✓	✓✓✓✓✓
Resistance	✓✓	✓✓✓	✓✓	✓✓✓✓✓
Flexibility	✓✓✓	✓✓	✓✓	✓✓✓✓✓
Look	✓✓	✓✓	✓✓✓	✓✓✓✓✓

## SPEED'Air fairings

Available for original LG (5.00-5"/4.00-6" tires)

SPEED'Air fairings offer excellent aerodynamic performance with increased speed, less mass and compatibility with our Beringer Shock Wheel.

Internal structural reinforcements accommodate the mounting brackets (supplied) for excellent resistance in flight, on the ground ... and over time.

- + Elegant and aerodynamic
- + Rigid and strong
- + Shock Wheel compatible

### Technical datas :

- Carbon/epoxy or glass fiber/polyester available
- Carbon : 1.2 lbs (544 grams) each - Polyester : 2 lbs (940 grams) each
- Overall dimension : 31.5"x12.6"x7" (80x32x18 cm)
- Both models can be painted with the colors of your choice! (RAL on request)



[SPEED'Air on Magni Gyro](#)



LIGHTER - STRONGER - FASTER  
**SPEED'AIR**

### Remarks :

Available for LSA, Ultralight Aircraft, Gyrocopter, experimental, kits ... with tricycle or taildragger configuration. Please refer to the Kit pages (sorted alphabetically). If your aircraft is not listed, please contact us.



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## Brake lines – Hydraulic fittings

The BERINGER brake line is stainless steel braided.

Thanks to its resistance to high pressures, it brings a strong braking feeling (not spongy).

Flexible, it follows the gear leg and prevents against leaks.

Max pressure 3000 psi – burst pressure 9000 psi

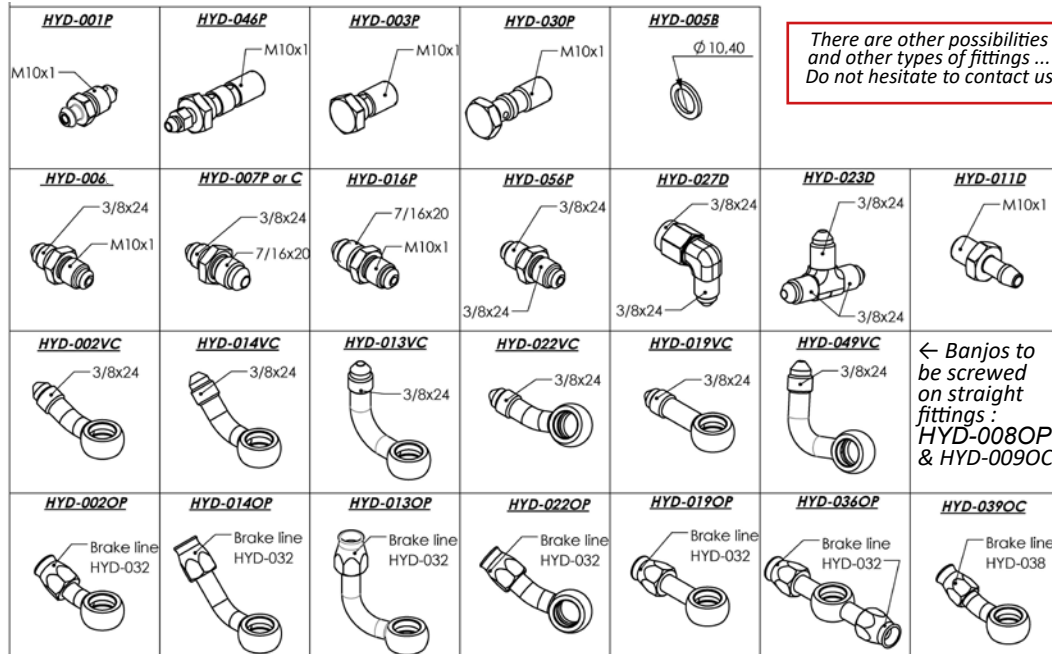
**Note :** these brake lines and banjo fittings are included in most of the wheel and brake kits.

Bleeding screws  
Banjo screws  
Seal →

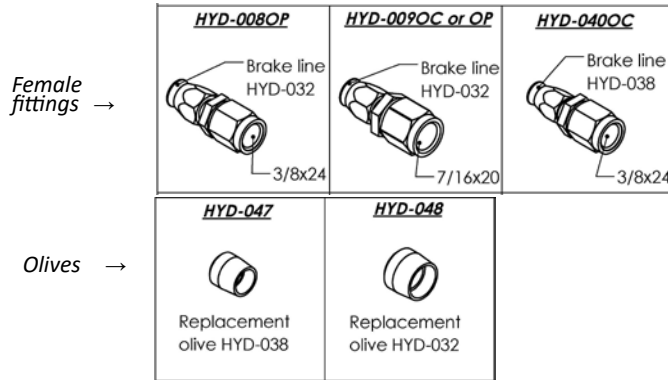
Adapters →



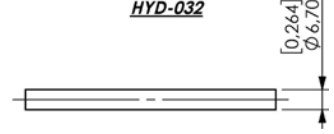
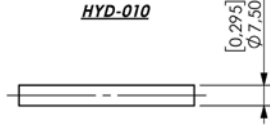
Banjos to  
screw →

Olive Banjos →







Brake line P/N	Description
HYD-038	 
HYD-032	<p><b>HYD-032</b></p> 
HYD-010 + plastic braided	<p><b>HYD-010</b></p> 



→ [How to assemble brake lines and fittings](#)



→ [How to bleed your brakes](#)

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## Brake master cylinders



### Master-cylinder features :

The master cylinders can be operated :

- with toes thanks to tabs on top of the rudder pedals
- with heels thanks to pedals bolted on the floor
- with hands thanks to either a lever on the stick (symmetrical braking) or a one or two lever assemblies mounted in the cockpit (respectively symmetrical and differential braking)

These master cylinders have been designed and tested to last 200,000 cycles (about two times the life of an aircraft...) with the same seals and piston !

They are machined from a high strength aluminum billet.

100% airtight, greased and anodized, they are completely protected against corrosion.

30% lighter than all other master cylinders on the market.

Friction is highly reduced for a better feeling and performance.

Seals available for either DOT4 or MIL fluid.

**Caution :** You must never mix the brake fluid : seals are different

**Remarks :** All BERINGER master cylinders are described in the following pages (dimensions, attachments, weight, ..). Other configurations are available, please contact us.

Single and dual levers are available to mount the master cylinders. They can be actuated by heels or hand. They are described in dedicated tables.

Ergonomic rudder pedals including brakes function are also available and described following pages.

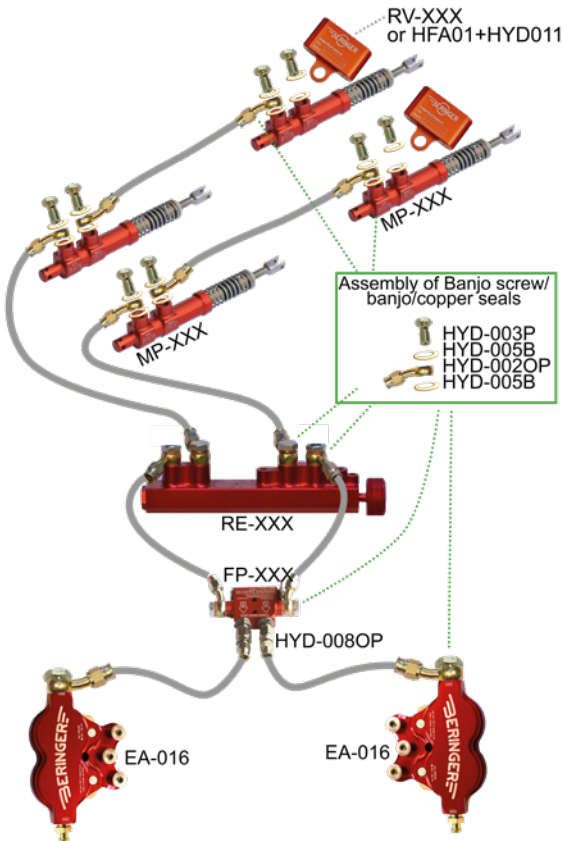
### Brake fluid indication

XX-XXXE

XX-XXXN

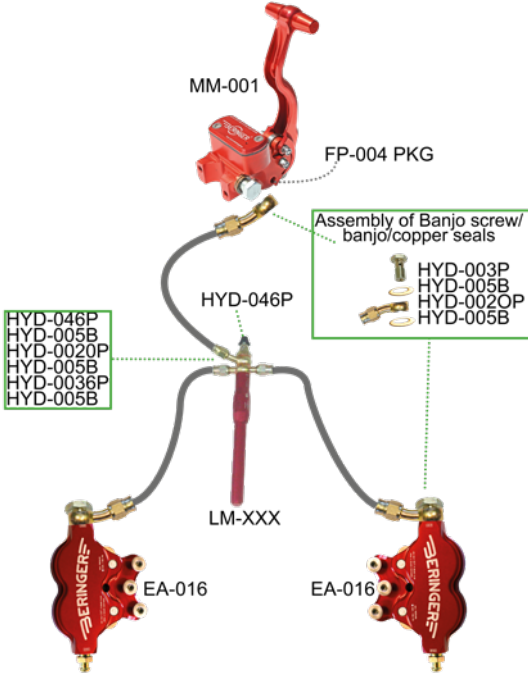


**Differential braking circuit  
Pilot/co-pilot rudder pedal master cylinders**



*This configuration can be modified depending on the Aircraft*

**Symmetrical braking circuit  
Hand master cylinder**



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## Rudd'AIR : feel it up to your feet ! Brand new ergonomic pedals ...

Thanks to its kinematics, the pedal follows the natural position of the foot by describing a translational movement without modifying its angle of inclination. This makes taxiing, steering and braking precise, ergonomic and safe.

- + Ergonomic with rudder and brakes fonction
- + Complete kit available (Brake master cylinders)
- + Pedal ratio adjustable to be chosen by the pilot

### Technical datas :

- Laser cut (3D) from extruded aluminum
- Anodized for excellent durability
- Weighs only 0.33 lbs each (150 grams)
- NEWS : master cylinder actuation can be adjusted : 2 positions



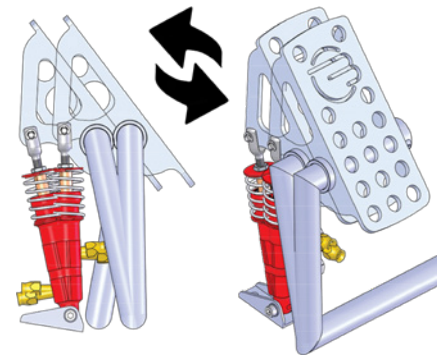
## Rudd'AIR

### Remarks :

Available for LSA, Ultralight / Experimental Aircraft with taildragger or tricycle configuration.

Please refer to the Kit pages (sorted alphabetically).

If your aircraft is not listed, please contact us.



**Master cylinder for rudder pedal MP-002 and MP-003**

Allows to actuate following brake calipers :

- 1 or 2 calipers : EA-009/9.1 - EA-006/6.2
- 1 caliper EA-002/2.2 - EA-003/3.2/3.3/3.7/3.8 - EA-004 - EA-010.1

XX-XXXE

XX-XXXN



**Notes :** the table shows the attachments for each type of master cylinder. Other configurations are available with extenders (see following tables).  
Several types of reservoirs available (see table at the end of master cylinder pages)

Master cylinder P/N	attachment included	Description	Min Dimension Inch	Min Dimension mm	Max Dimension Inch	Max Dimension mm	Bore Inch	Bore mm	Weight oz	Weight g
MP-002	--		-	-	-	-	1/2	12.2	3.53	100
MP-002.1	- ZM-001		5.433	136	5.63	145	1/2	12.2	4.15	118
MP-002.2	- CHP-003		5.512	138	5.669	145	1/2	12.2	3.96	112

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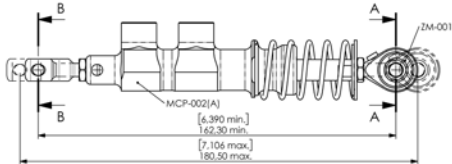
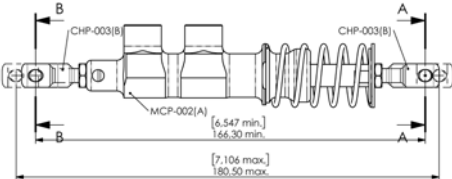
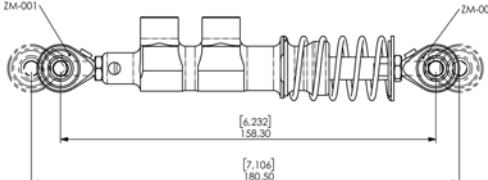
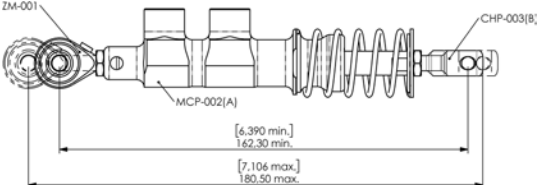
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# Brake Master Cylinders / Levers / Pedals

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MP-002.3	Master cylinder P/N	attachment included	CHP-003 - ZM-001	Description		Min Dimension Inch	6.39	Max Dimension mm	162	Min Dimension Inch	7.11	Max Dimension mm	180	Bore Inch	1/2	mm	12.2	Weight oz	4.81	g	136
MP-002.4	Master cylinder P/N	attachment included	CHP-003 - CHP-003	Description		Min Dimension Inch	6.54	Max Dimension mm	166	Min Dimension Inch	7.11	Max Dimension mm	180	Bore Inch	1/2	mm	12.2	Weight oz	4.62	g	131
MP-002.5	Master cylinder P/N	attachment included	ZM-001 - ZM-001	Description		Min Dimension Inch	6.23	Max Dimension mm	158	Min Dimension Inch	7.11	Max Dimension mm	180	Bore Inch	1/2	mm	12.2	Weight oz	5	g	142
MP-002.6	Master cylinder P/N	attachment included	ZM-001 - CHP-003	Description		Min Dimension Inch	6.39	Max Dimension mm	162	Min Dimension Inch	7.11	Max Dimension mm	180	Bore Inch	1/2	mm	12.2	Weight oz	4.81	g	136

Master cylinder P/N	attachment included	Description	Min Dimension		Max Dimension		Bore		Weight	
			Inch	mm	Inch	mm	Inch	mm	oz	g
MP-002.7	- CHP-006		5.29	134	5.53	140	1/2	12.2	3.72	105
MP-002.8	S-CP-006 CHP-003		5.42	137	5.73	145	1/2	12.2	3.76	107
MP-002.9	ZM-001		5.34	135	5.73	145	1/2	12.2	4.09	116
MP-002.10	ZM-001 -CHP-003		6.35	161.3	7.33	186.2	1/2	12.2	5.11	145

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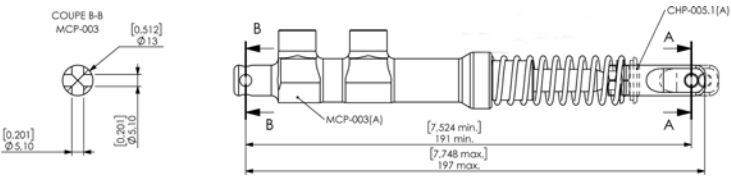
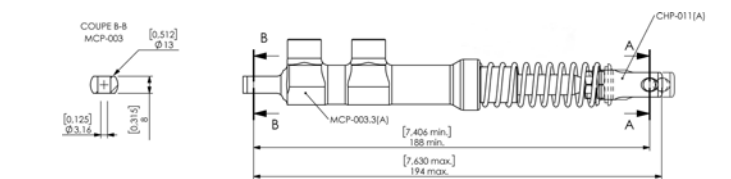
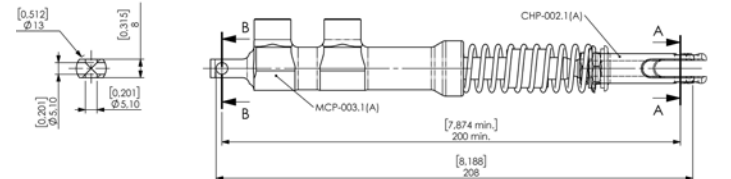
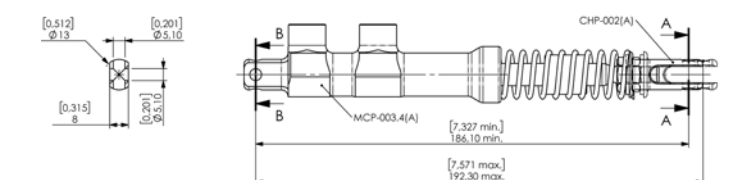
# Brake Master Cylinders / Levers / Pedals

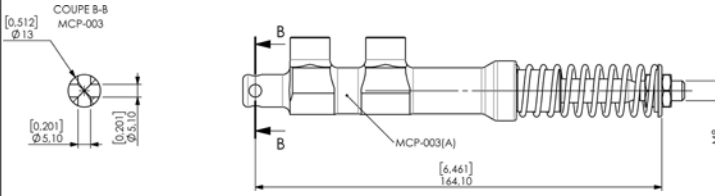
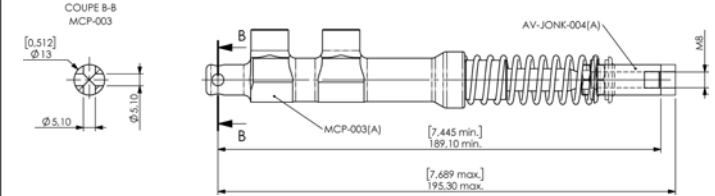
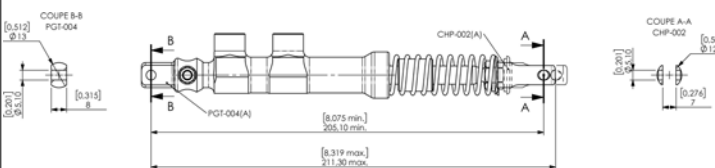
Contacts	Webshop	BERINGER Aero Technologie	AmOiler Patents	History/ Values	Wheels/Brakes	Nose-Tailwheels	SensAIR®	Tires	Wheel Axles	Landing Gears ALG/B' Flex Shock Wheel	Hoses/Fittings	Brake Controls Rudd'Air Pedals	Regulators Anti-skid	Parking Valves	Spare Parts	Tools	FAQs	Certified kits/STCs	Exp. Kits	They trust us
Master cylinder P/N	attachment included	Description	Min Dimension Inch		mm		Max Dimension Inch		mm		Bore Inch		mm		Weight oz		g			
MP-002.11	CHP-003		4.44	112.7	5.42	137.6	1/2	12.2	3.74	106										
MP-002.12	CHP-003		5.31	135	5.71	145	1/2	12.2	3.77	107										
MP-002.14	ZM-001 - ZM-001		6.18	157	7.48	190	1/2	12.2	5.54	157										
MP-003	- CHP-002		7.33	186	7.56	192	1/2	12.2	4.3	122										

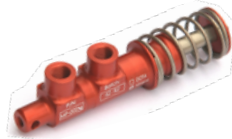




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Contacts	Master cylinder P/N	attachment included	Description	Min Dimension Inch	Min Dimension mm	Max Dimension Inch	Max Dimension mm	Bore Inch	Bore mm	Weight oz	Weight g
Webshop	MP-003.5	- CHP-005.1		7.52	191	7.76	197	1/2	12.2	4.44	126
BERINGER Aero Technologie	MP-003.6	- CHP-011		7.4	188	7.64	194	1/2	12.2	4.34	123
AmOiler Patents	MP-003.7	CHP-002.1		6.69	170	7.87	200	1/2	12.2	4.3	122
History/Values	MP-003.8	CHP-002		7.33	186	7.57	192	1/2	12.2	4.05	115
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SensAIR®											
Tires											
Wheel Axles											
Landing Gears ALG/B' Flex Shock Wheel											
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Brake Controls Rudd'Air Pedals											
Regulators Anti-skid											
Parking Valves											
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Master cylinder P/N	attachment included	Description	Min Dimension		Max Dimension		Bore		Weight	
			Inch	mm	Inch	mm	Inch	mm	oz	g
MP-003.9	--	 <p>COUPE B-B MCP-003</p> <p>MCP-003(A)</p> <p>[6.461] 164.10</p>	-	-	-	-	1/2	12.2	4.3	122
MP-003.10	AV-JONK-004	 <p>COUPE B-B MCP-003</p> <p>AV-JONK-004(A)</p> <p>MCP-003(A)</p> <p>[7.445 min.] 189.10 min.</p> <p>[7.689 max.] 195.30 max.</p>	7.45	189	7.69	195	1/2	12.2	4.33	123
MP-003.11	CHP-002	 <p>COUPE B-B PGT-004</p> <p>CHP-002(A)</p> <p>PGT-004(A)</p> <p>[8.075 min.] 205.10 min.</p> <p>[8.319 max.] 211.30 max.</p> <p>COUPE A-A CHP-002</p> <p>[0.274] 7</p> <p>[0.508] 13.45</p>	8.07	205	8.32	211	1/2	12.2	4.73	134



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## Master cylinder for rudder pedal MP-001

Allows to actuate following brake calipers :

- 2 calipers : EA-003.4/3.5/3.9 - EA-004.1/4.2/4.3
- 1 caliper : EA-008.1 /8.2
- 1 caliper : EA-001



Available for MIL brake fluids only

**Notes :** the table shows the attachments for each type of master cylinder. Other configurations are available with extenders (see following tables).

Several types of reservoirs available (see table at the end of master cylinder pages)

Master cylinder P/N	attachment included	Description	Min Dimension		Max Dimension		Bore		Weight	
			Inch	mm	Inch	mm	Inch	mm	oz	g
MP-001	- CHP-001		7.441	189	8.189	208	9/16	14.5	5.89	167
MP-001.1	CHP-001 - PGT-002		8.189	208	8.937	227	9/16	14.5	6.38	181
MP-001.2	- CHP-007		7.441	189	8.189	208	9/16	14.5	5.82	165

Master cylinder P/N	attachment included	Description	Min Dimension		Max Dimension		Bore		Weight	
			Inch	mm	Inch	mm	Inch	mm	oz	g
MP-001.3	- CHP-007		7.441	189	8.189	208	9/16	14.5	5.78	164
MP-001.4	- CHP-009		7.402	188	8.189	208	9/16	14.5	5.89	167
MP-001.5	- CHP-010		6.89	175	7.874	200	9/16	14.5	5.18	147
MP-001.6	CHP-010.1		6.85	174	7.14	181	9/16	14.5	5.18	147

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**Master cylinder for rudder pedal MP-007**

Allows to actuate following brake calipers : Dual calipers EA-008.7 - EA-011.2  
Available for DOT4 and MIL brake fluid



**Notes :** the table shows the attachments for each type of master cylinder. Other configurations are available with extenders (see following tables).  
Several types of reservoirs available (see table at the end of master cylinder pages)

Master cylinder P/N	attachment included	Description	Min Dimension		Max Dimension		Bore		Weight	
			Inch	mm	Inch	mm	Inch	mm	oz	g
MP-007	CHP-007		7.56	192	8.33	211	0.65	16.5	6.17	175

**Attachments/Extenders for brake master cylinders**

Attachment P/N	Description	Weight	
		oz	g
CHP-001		0.83	24
CHP-002		0.23	6

Attachment P/N	Description	Weight	
		oz	g
CHP-002.1		0.35	10
CHP-003		0.4	11

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Attachment P/N	Description	Weight	
		oz	g
CHP-004		0.39	11
CHP-005		0.32	9
CHP-005.1		0.37	11
CHP-006		0.43	12
CHP-007		0.79	22
CHP-008		0.27	8
CHP-009		0.8	23

Attachment P/N	Description	Weight	
		oz	g
CHP-010		0.77	22
CHP-010.1		0.58	16.5
CHP-011		0.27	8
AV-JONK-004		0.32	9,1
AV-APRK-009		0.65	18,5
ZM-001		0.78	22
BGE-011		0.16	4.5



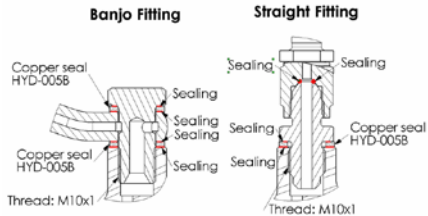
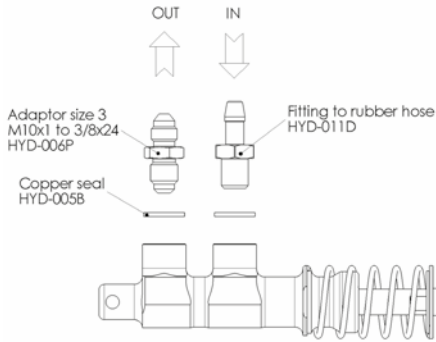
Attachments/Extenders for brake master cylinders

Extender P/N	Description	Weight	
		oz	g
PGT-002		0.3	8.5
PGT-003		0.37	10.5

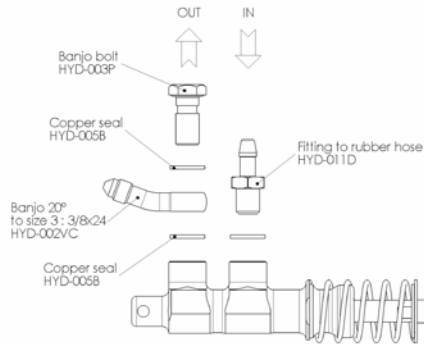
Extender P/N	Description	Weight	
		oz	g
PGT-003.1		0.5	14.2
PGT-004		0.28	8
PGT-005		0.36	10.2

Hydraulic fittings for master cylinders

Only few examples of hydraulic fittings and adaptors are shown. Many other combinations are available. The banjo screw is delivered. Please contact us.



Banjo screw



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## Levers for master cylinders (hand/heel actuated)

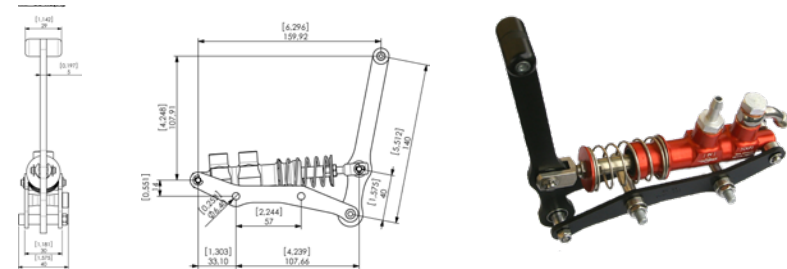
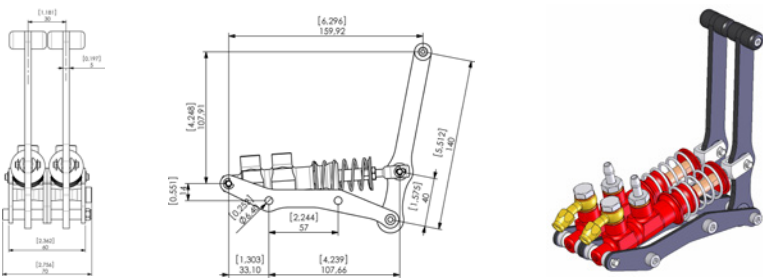
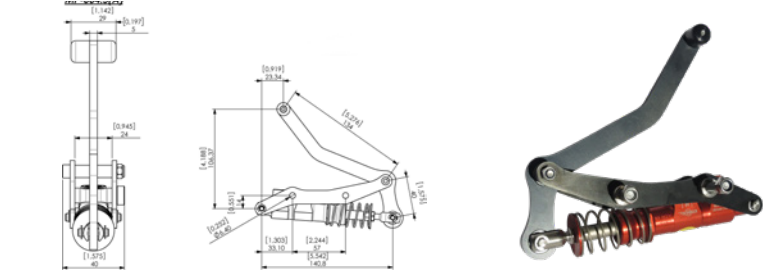
The MP-XXX brake master cylinders can be installed in the different levers described. They are hand actuated (close to the seats) or heel actuated (levers on the floor).

Using ball bearings for perfect control of the braking power.

### Notes :

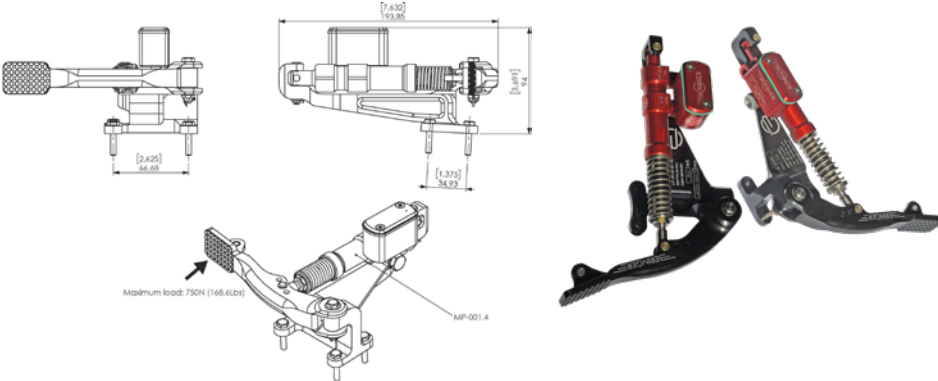
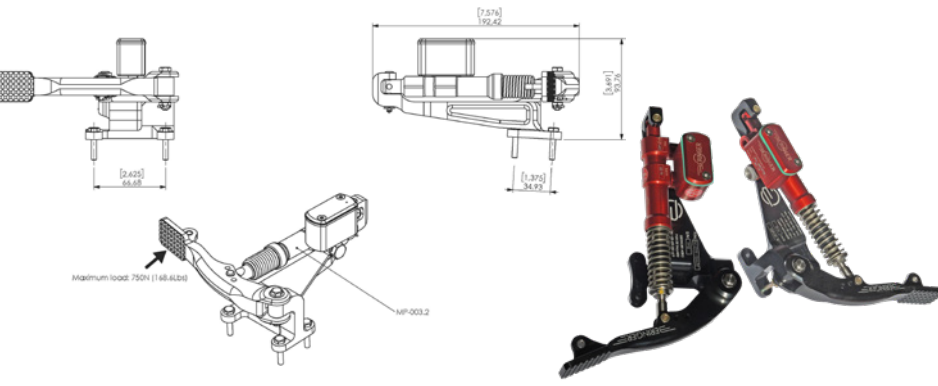
- Weights indicated are lever's weight only and do not include the master cylinders (except specifications).
- The master cylinders that can be mounted in each lever are indicated but not included in the lever P/N.

Levier only P/N	M. Cylinder (non included)	Description	Levier weight	
			Lb	g
MP-004.1	MP-002.2		8.77	249
MP-004.2	MP-002.2		16.06	455

Lever only P/N	M. Cylinder (non included)	Description	Lever weight Lb g	
MP-004.3	MP-002.8		9.3	264
MP-004.4	MP-002.8		17.11	485
MP-004.5	MP-002.8		9.58	272

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Levier only P/N	M. Cylinder (included)	Description	Levier weight Lb	g
AV-CUB-122	MP-001.4	Using ball bearings for perfect control of the braking power. Pedal ratio adjustable. 	1.26	568
AV-CUB-120	MP-003.2	Using ball bearings for perfect control of the braking power. Pedal ratio adjustable. 	1.14	518

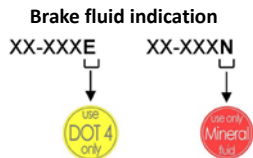
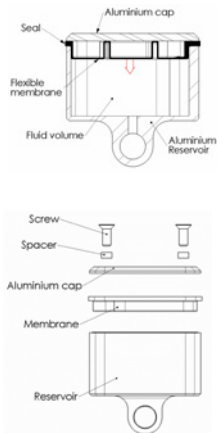
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## Integral Reservoirs (Brake fluid)

### Red aluminum reservoirs

To be mounted directly on the master cylinders. Vertical or horizontal mounting, 180° rotatable. The reservoirs are 100% tight, without any risk of leak. Available for DOT4 or Minéral brake fluid. Perfect for Aerobatic use.

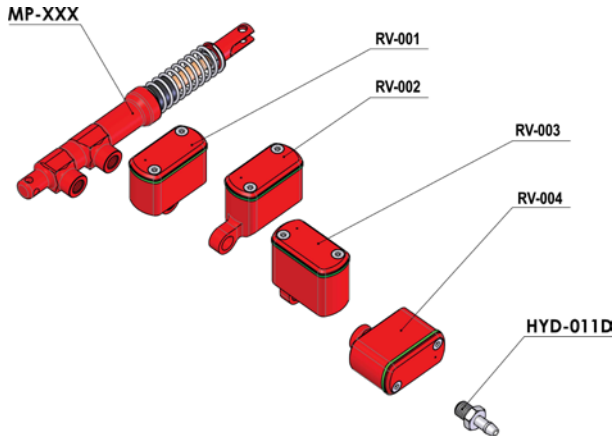


Reservoir P/N	Description	Image	Weight		Brake Fluid
			oz	g	
RV-001E/N	Aluminum Reservoir		1.94	55	DOT4/MIL
RV-002 E/N			2.01	57	DOT4/MIL
RV-003E/N	Aluminum Reservoir (Van's type)		1.59	45	DOT4/MIL
RV-004E/N	Aluminum Reservoir - Threaded port		1.27	36	DOT4/MIL
RV-004.1E/N	Aluminum Reservoir - unthreaded port (for hand lever)				

**Caution :** Brake fluid reservoirs must not be installed close to the engine. They must be installed only inside the cockpit.

Reservoirs (Brake Fluid)

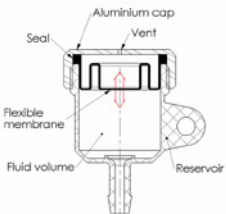
Several ways of mounting the reservoirs on the master cylinders



Remote Brake Fluid Reservoir

Remote Reservoir Kit

Transparent reservoir with CNC aluminium cover  
Visible fluid level  
Delivered with mounting kit and 0.50m of EPDM tube  
Available for DOT4 or mineral brake fluid



Reservoir P/N	Description	Capacity oz cl	Weight oz g	Brake fluid
HFA01E	Remote Reservoir	0.38 1.1	1.36 39	DOT4
HFA01N	Remote Reservoir	0.38 1.1	1.36 39	MIL
RV-007N	Remote Reservoir	1.2 3.5	2.14 61	MIL



**Caution :** Brake fluid reservoirs must not be installed close to the engine. They must be installed only inside the cockpit.

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## Hand Master Cylinders




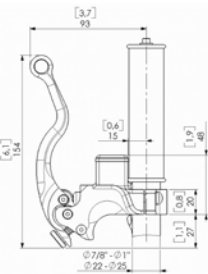

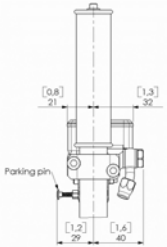





Allows to actuate the following calipers : 1x 1P27 EA-009/9.1 - 2x 2P27 calipers EA-006/6.2 - 1x 2P32 EA-002

- For  $\varnothing 7/8"$  (22mm) stick or 1" (25mm) stick
- Can be installed also on a flat support with 2x M6 screws
- Built-in reservoir or without reservoir for installation in serie (co-pilot hand brake)
- CNC machined from aluminum billet - red anodized
- Three ball bearings for smooth and precise operation
- Available for DOT4 only

XX-XXXE



**Option** : parking brake FP-004

Master cylinder P/N	Description		Scheme	Weight oz	g	Brake fluid
MM-001	Master cylinder + built-in reservoir			10.41	295	DOT4
MM-001+PKP01	Master cylinder + built-in reservoir + parking brake			10.41	295	DOT4
MM-003	Additional master cylinder (mounting in serie : co-pilot brake). To be used with MM-001 or MM-001			10.02	284	DOT4
MM-001.5	Master cylinder + built-in reservoir Yankee lever (for Y control stick)			-	-	-
LEV-001.1	Yankee lever for MM-001 or MM-001					
FP-004	Parking brake for MM-001 and MM-003			0,1	3	-
MM-004	Levier bushing kit			-	-	-



**Master Cylinder cable actuated**



Allows to actuate following calipers : 1x 1P27 EA-009/9.1 - 2x 2P27 calipers EA-006/6.2 - 1x 2P32 EA-002

- Actuated by cable
- Reservoir included
- Delivered with aluminum bracket
- CNC machined from billet aluminum - red anodised
- Three ball bearings for smooth and precise operation
- Available for DOT4 only

XX-XXXE



Master cylinder P/N	Description	Weight		Brake fluid
		oz	g	
MM-002	Master cylinder + reservoir cable actuated	10.41	295	DOT4
AV-SCHE-208	Bracket	-	-	-



**Master Cylinder hand actuated**



Allows to actuate following calipers : 1x 1P27 EA-009/9.1 - 2x 2P27 calipers EA-006/6.2 - 1x 2P32 EA-002

- All in one : lever, brake master cylinder, reservoir with seal
- To be installed on a 7/8" stick or on a flat support with 2x M6 screws
- CNC machined from aluminum billet - red anodized
- Three ball bearings for smooth and precise operation
- Available for DOT4 only

XX-XXXE



Master cylinder P/N	Description	Weight		Brake fluid
		oz	g	
MM-001	Master cylinder + reservoir hand actuated	10.41	295	DOT4
MM-004	Levier ends	-	-	-

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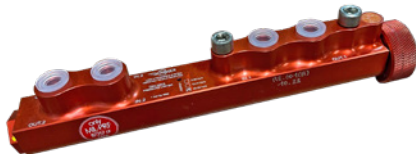
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## ALIR anti-skid Regulator A real advance in term of Safety

Dual ALIR Regulator



Single ALIR Regulator



The reference pressure is adjustable by +/- 1 bar. For more information about the ALIR adjustment, please report to the Instruction and Use Manual delivered with the products or on the Support web page

[www.beringer-aero.com](http://www.beringer-aero.com)

### Adjustable anti-lock pressure regulator for differential or symmetrical braking :

The regulator is integrated in the differential circuit (see scheme following page).

Double advantage:

- **Anti-lock** : the regulator sets a maximal pressure in the system before the wheels lock up (or before a nose over for taildraggers)
- **In line braking** : once the setpoint is reached, the pressure between left and right hand is balanced, with a tolerance of +/- 1bar or 14.5psi to allow steering corrections

Many accidents are caused by a bad braking handling.

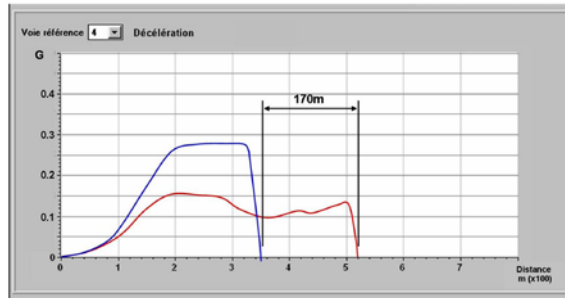
The ALIR system improves the control and dosage of the brakes and still allows differential braking while the pressure remains below the setpoint.

It prevents the wheel lock up at landing and the nose over for taildraggers, in case of over-pressure on the brake pedals. Therefore it reduces the stopping distances.

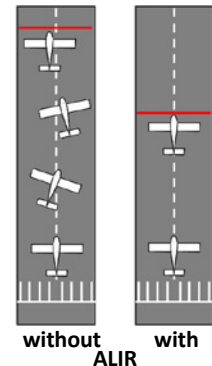
This regulator is included in most of the BERINGER Kits.

### EMERGENCY BRAKING : comparison:

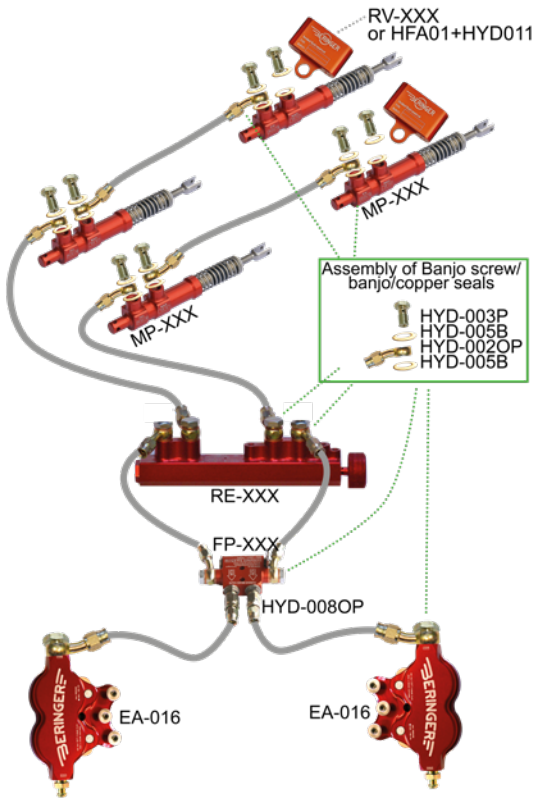
- Blue curve : with ALIR: the pilot applies full braking without any control (similar to a car ABS)
  - Red curve : without ALIR: no regulation, the pilot must control the braking (in both cases, conditions are the same: same plane, same brakes)
- Weight of the aircraft: 1200 kg, braking speed: 70 Kt



*Note: BERINGER brake pads used in the ALIR system have a friction coefficient that increases with the temperature allowing an increase of the deceleration when the lift decreases on the wings.*



Differential braking circuit including the ALIR anti-lock and in-line braking



This configuration can be modified depending on the Aircraft

Adjustable anti-lock pressure regulator ALIR


- Adjustable from 10 to 40 bar (or from 20 to 50 bar)
- Available for DOT4 or Minéral (MIL) brake fluid
- 2x inlets, 2x outlets ( M10x1)
- Precise adjustment with low hysteresis
- CNC machined from billet aluminum
- Red anodized

Note :

Dual regulators are mounted in a differential braking circuit (each braker master cylinder actuates one wheel).

Single regulator are mounted in a symmetrical braking circuit (one master cylinder actuates both wheels).

**Caution :** You must never mix the brake fluid : seals are different

Regulator ALIR P/N	Description	Weight		Brake fluid
		oz	g	
RE-001E	Dual Regulator ALIR 10 - 40 bar	11.64	330	DOT4
RE-001N	Dual Regulator ALIR 20 - 50 bar	11.64	330	MIL
RE-002E	Single Regulator ALIR 10 - 40 bar	6.73	191	DOT4
RE-002N	Single Regulator ALIR 10 - 40 bar	6.73	191	MIL
RE-002.1N	Single Regulator ALIR 10 - 40 bar			MIL
RE-002.3N	Single Regulator ALIR 20 - 50 bar			MIL
AV-VANS-006	Fitting plate 	-	-	-

Brake fluid indication



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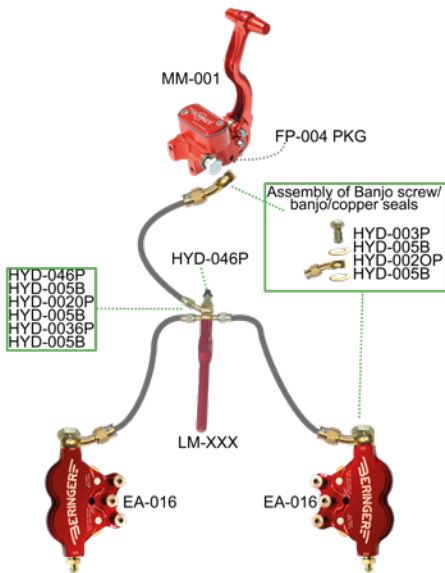
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## Ultralight Pressure Limiter



### Non-adjustable pressure limiter for symmetrical braking

Its main feature is the anti-lock : the system reduces the ratio amount of pressure put in the system by the pilot / amount of pressure received at the brake.

Very useful at landing, it helps to prevent the wheel lock up and the nose over for taildraggers, in case of over-pressure on the master cylinder.

Therefore it reduces the stopping distances.

The limiter is included in most of the BERINGER Kits featuring a single braking circuit (symmetrical braking).

The pressure setpoint is fixed for each model. You can choose different models depending on the airplane MTOW, the tire diameter, braking torque, ....

They are available for DOT4 or MIL brake fluid.

**Caution :** You must never mix the brake fluid : seals are different

### Pressure limiters

- Several types from 20 to 60 bar
- Available for DOT4 or MINERAL (MIL) brake fluid
- Connexion M10x1
- CNC machined from billet. Optimized for a long life, the body is red anodized.

Limiter ALIR P/N	Description	Weight		Brake fluid
		oz	g	
LM-001	Ultralight pressure limiter 20 bar	2.40	68	DOT4 / MIL
LM-002	Ultralight pressure limiter 25 bar	2.43	69	DOT4 / MIL
LM-003	Ultralight pressure limiter 35 bar	2.47	70	DOT4 / MIL
LM-004	Ultralight pressure limiter 45 bar	2.50	71	DOT4 / MIL
LM-005	Ultralight pressure limiter 60 bar	2.54	72	DOT4 / MIL



### Brake fluid indication

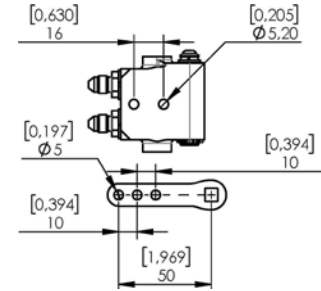




## Parking Brake Valve

Open/close quarter turn lever operated  
 Max. input pressure: 1500PSI (100 bars)  
 CNC machined from billet. Optimized for a long life, the body is red anodized and the components made of stainless steel.  
 Available for DOT4 or MINERAL (MIL) brake fluid and delivered with hydraulic fittings.

**Remark :** The parking brake valve is designed to be operated with a push-pull button and a cable except FP-005.1 and FP-005.2



Park. valve P/N	Output	Weight		
		oz	g	
FP-001	3/8"x 24	4.52	128	
FP-003.2	7/16"x 20	4.73	134	

Park. valve P/N	Output	Weight		
		oz	g	
FP-001.2	7/16"x 20	4.67	132	
FP-001.3	3/8"x 24	4.53	128	

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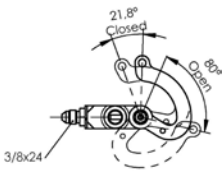
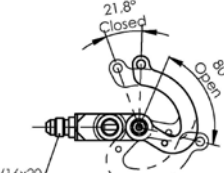
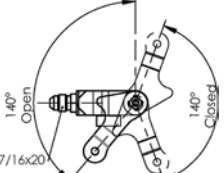
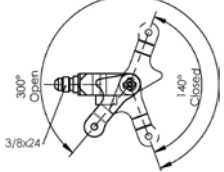
Certified kits/STCS

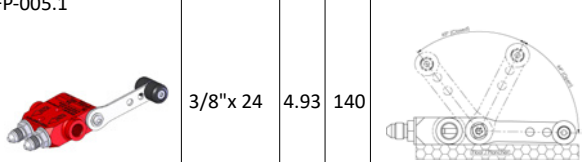
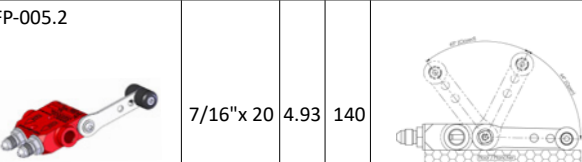
Exp. Kits

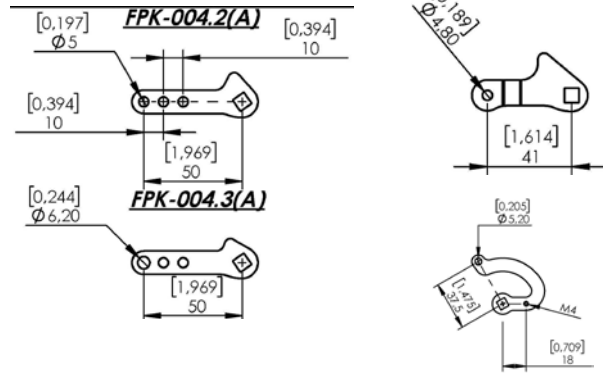
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# Parking Brake Valve

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Park. Valve P/N	Output	Weight		Image
		oz	g	
FP-002	3/8"x 24	4.69	133	
FP-002.1	7/16"x 20	4.69	133	
FP-003	7/16"x 20	4.8	136	
FP-003.1	3/8"x 24	4.8	136	

Parking Valve P/N	Output	Weight		Image
		oz	g	
FP-005.1	3/8"x 24	4.93	140	
FP-005.2	7/16"x 20	4.93	140	



## Spare parts : wheel O'ring - Valves

Please refer to the maintenance manual MM-02-001 on our website :

**Caution** : seals are available for old wheel P/N. Please contact us.

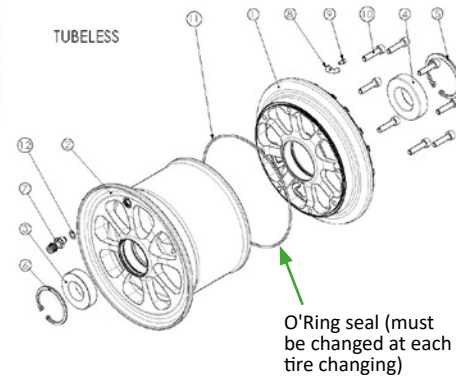
Wheels in 3 parts : please contact us



→ [How to remove a tubeless tire](#)



→ [How to mount a tubeless tire](#)



## Spare parts : Brake discs / Brake pads

Please refer to the maintenance manual MM-01-001 on our website

**Remark** : the quantity of disc and pad per braking caliper is indicated the part numbers P/N are indicated on all parts



→ [How to change brake pads](#)



→ [How to do the maintenance of a caliper](#)



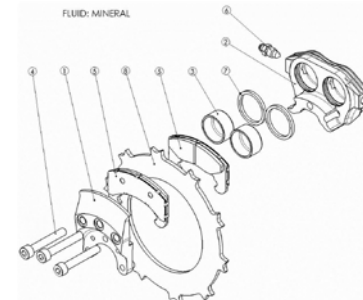
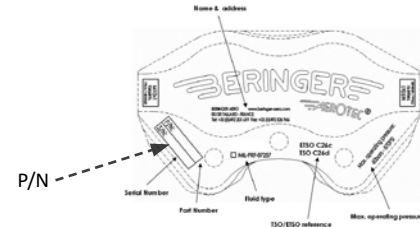
Brake pads



Brake disc


















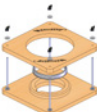




Silicon grease  
P/N Q-CS-003  
for piston seal



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## Tools

Contacts	P/N	Description	Photo / Scheme	P/N	Description	Photo / Scheme
Webshop	Av-PIL-101	Special wrench to tighten wheel caps BCH-001		OPA08	Wrench adapter for nut ECR-002 on AV-VANS-200 axle (square 1/2")	
BERINGER Aero Technologie	KBA01E	Repair kit for BERINGER 2 piston Ø27 caliper - DOT4		OPA09	Milling cutter Ø20	
AmOiler® Patents	KBA01N	Repair kit for BERINGER 2 piston Ø27 caliper - MIL		OPA10	Wrench adapter for nut ECR-002	
History/ Values	KER01E	Repair kit for aluminum integral reservoir - DOT4		OPA11	Wrench adapter for nut ECR-004 (square 3/4")	
Wheels/Brakes	KER01N	Repair kit for aluminum integral reservoir - MIL		OHT02	Metric tool kit	
Nose-Tailwheels	ONA01	Spray lubricant Tire Up	-	OUT-046(A) (old OHT01)	Tightening tool for nut E-C-002 - M25x1.5 (hexagonal 19mm)	
SensAIR®	ONB01	Spray anti-puncture	-	OUT-047	Tightening tool for nut E-C-001 and E-C-004 (hexagonal 19mm)	
Tires	ONC01	Brake bleeding kit		OUT-078	Wrench for Rotax filter	
Wheel Axles	OPA03	Bent adapter for wheel valve (tire inflate)		OT-001 OT-001.1	Tire mounting tool : • 6" HE wheel • all other 6" wheels	
Landing Gears ALG/B' Flex Shock Wheel	OT160	Adapter for wheel valve (tire inflate) with fairing		OT-002	Tire mounting tool : 5" wheel	
Hoses/Fittings	OPA04	Wrench adapter for axle nut ECR-002 on FUS-009.2 (square 1/2")		OT-003	Wrench to tighten wheel caps BH-001 (BCH-005)	
Brake Controls Rudd/Air Pedals	OPA05	Wrench adapter for nut ECR-001 (square 3/4")		OT-012	Tire mounting tool : 8" RF-10 wheel	
Regulators Anti-skid	OPA07	High pressure pump 0-20 bars				
Parking Valves	OPA12	High pressure pump 0-30 bars				
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Welcome to our BERINGER Channel  
 Tech Tips - News - Information

[www.youtube.com/beringeraero](http://www.youtube.com/beringeraero)



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## How to choose your wheels & brakes

- 1- Select first the size of the tire you need
- 2- Then select the wheel size required for this tire (use our application chart)
- 3- Check the static load rating: this is the weight on each wheel (at maximum static aircraft weight) that the wheel is capable of supporting. Check the kinetic energy rating : the first function of a brake system is to transform aircraft kinetic energy into heat. This heat is absorbed and dissipated mostly by the disc (a thicker disc will absorb more heat energy).

The kinetic energy required to stop an aircraft is a function of the mass of the aircraft and its landing speed. You can calculate the kinetic energy requirement of your aircraft by using the following formula:

$$\text{Kinetic Energy [FT-LBS]} = \frac{0.044 \times W \times V^2}{N}$$

W = Gross weight (lbs)  
 V = Braking speed (kts)  
 N = Number of wheels with brakes

The kinetic energy values shown in the chart on page 25 are maximum values in case of an RTO (Rejected Take Off). This RTO value should be 30% higher than the value calculated above.  
 If you are not sure what system is right for your aircraft, give us a call.

## How can I order BERINGER parts ?

You can order through the BERINGER network as listed from the website [www.beringer-aero.com](http://www.beringer-aero.com)  
 Call us or send an e-mail at [us.sales@beringer-aero-usa.com](mailto:us.sales@beringer-aero-usa.com) at any time and we will return some ideas.

## I have a technical question. Who can help ?

Our Service Centers are able to answer many technical questions, but for a precise technical or engineering question, please contact BERINGER customer support department.

## Why are most BERINGER wheels made for tubeless tires ?

Tubeless has many advantages compared to tube type:

- Safer (less risk of puncture)
- Weight saving (a tube weights around 1 to 2 lbs)
- Cost effective (no tube means no tube to buy)

These are the same reasons why nowadays you find tubeless wheels on cars, motorcycles, and all commercial airplanes. Tubeless designs have specific features to be airtight (most designs use o-rings) and precise machining to ensure proper contact between tire and wheel.

## How do I know the type of brake fluid to fill my brake system?

The type of brake fluid to use is most of the time written directly on the brake caliper and on m. cyls. DOT4 usually has yellow to amber color and MINERAL (“Mil spec” or “aviation”) brake fluid is red. If you have any doubt please contact us.

Brake fluid is critical to the function and performance of your brake system. Choosing the right brake fluid will insure trouble free functioning for many years. Conversely, the wrong brake fluid will damage seals and cause failure of your brake system. There are two predominant “families” of brake fluid in use worldwide:



**A. The first family is polyethylene-glycol based and is compatible with only EPDM seals.**

These fluids have been developed for the hydraulic brakes of motor vehicles and are called DOT3, DOT4, DOT5 or DOT5.1

DOT3 has lower performance and has been replaced by DOT4. DOT4 is the most commonly used fluid in motor vehicles. DOT5 is usually silicone-based, but is not commonly used, and is not miscible (“mixable”) with DOT3 or DOT4. DOT5.1 is not miscible with DOT5 and may also be not miscible with DOT3 or DOT4.

The primary objection to DOT 3 and 4 fluids was that they are hygroscopic (they absorb water). However, in a sealed reservoir, in a corrosion-resistant brake system, DOT4 fluids will remain usable for minimum 10 years. Additionally DOT3 and 4 brake fluids are aggressive with paint. Continent systems and care in handling remove this negative.

In the “DOT” family, we recommend using DOT4 and only DOT4 because the performance is adequate, and all DOT4 brands are miscible with each other.

DOT4 is used on many ultralight aircraft. You can purchase DOT4 almost everywhere around the globe as it is used on all recent cars and most motorcycles.



**B. The second family is synthetic mineral-oil based and compatible with only\* NBR (Nitrile) seals.**

The hydraulic fluid MIL-H-5606 has been commonly used in general aviation for many years.

The major deficiencies of MIL-H-5606 are its high flammability and a relatively low boiling point.

In the “mineral” or “MIL” family we recommend using the MIL-PRF-87257 as a replacement of the MIL-H-5606. These 2 fluids are compatible and miscible with each other. MIL-PRF-87257 is fire resistant and synthetic-hydrocarbon based, it has also a higher boiling point than MIL-H-5606.

***NBR (Nitrile) seals → mineral fluid → red color → MIL-PRF-87257 recommended***

***EPDM seals → DOT4 brake fluid → colorless to amber color → DOT4 only***

Brake Fluid	Brake Fluid Color	Seals	
		EPDM	NBR (nitrile)
DOT4	Colorless to amber	ok	Not compatible
MIL-H-5606	rouge	Not compatible	ok
MIL-PRF-87257	rouge	Not compatible	ok

**Notes:** EPDM seals are very sensitive to petroleum based solvents: few minutes of contact can completely damage the EPDM seals. That is why we recommend cleaning the parts only with a dry cloth or soap and water.

\* These fluids may be compatible with other seal materials (contact us for more information)

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## I filled my brake system with the wrong brake fluid: what can I do ?

Please refer to [MIM-00-007](#)



## If I switch to BERINGER Wheels & Brakes do I also need to change my M. Cylinders?

If they are compatible with the brake fluid then you still need to check the hydraulic ratio: with our brakes we recommend using M. Cyl.s with a piston bore of 1/2" (9/16" maximum). If the bore of the M. Cyl.s is too big, they cannot produce enough pressure to provide enough braking torque on the wheels.

Some master cylinders are so crude (or just so old) that the inherent smoothness and feel of BERINGER calipers can be masked in operation; for this reason, we recommend using only BERINGER master cylinders.

## I want to improve my Wheel & Brake system but BERINGER prices are too high

BERINGER systems are a little more expensive than ordinary products but thanks to their exceptional reliability and life, the operating cost is much more economical. It is often possible to pay back your investment in 1 or 2 years, with brake components that last, lines that don't leak, pads that have 3-5 times the life of legacy pads, quicker and simpler pad replacements, no tube expenses, no bearing maintenance, and (with ALIR), fewer flat-spotted tires and straighter, shorter stops.

And all that time, you are enjoying better, smoother braking. (And BERINGER wheels save weight and look good, too.)





Installing a BERINGER wheel and brake kit on your aircraft greatly increases the braking performance and raises your level of safety. The following pages feature complete STCs : wheels/brakes/axles/tires/master cylinders/hydraulic (brake lines and fittings)/pressure limiters or regulators/parking brake valves, along with landing gear solutions and fairings.

For more detailed information on the kits and its components, please refer to the parts pages, including features and technical data (see content list page 3).

**Finish** : Red is the standard color for all BERINGER products, black is a free option for wheel finish too. A pallet of colors is also available for the wheels (refer to website) with an extra charge and leadtime.

STC n°	Aircraft Make/Model	Content of the STC
STC-002.1	Pilatus / PC-6	12" wheels- Tailwheel - Brakes (pilot) - Axles - Anti-lock regulator - Brake lines
STC-002.2	Pilatus / PC-6	12" wheels - Tailwheel - Brakes (pilot/cop.) - Axles - Anti-lock regulator - Brake lines
STC-002.3	Pilatus / PC-6	10" wheels - Tailwheel - Brakes (pilot/cop.) - Axles - Anti-lock regulator - Brake lines
STC-002.4	Pilatus / PC-6	10" wheels- Tailwheel - Brakes (pilot) - Axles - Anti-lock regulator - Brake lines
STC-003	Centrair / Pegase	Main wheel - Brake - Brake limiter - Parking valve - Reservoir - Axle - Brake line
STC-004	Cirrus /SR20/SR22/SR22T	Main/nose wheels - Freins DUAL - Axles - Brake lines
STC-005	Schleicher / ASW20	Main wheel - Brake - Brake limiter - Reservoir - Axle - Brake line
STC-006	Robin / DR400	Brakes and brake supports
STC-007	Schempp Hirth / Discus/Ventus2A	Main wheel - Brake - Axle - Brake line (Duo Discus available only from Shempp Hirth)
STC-008	De Havilland / Twin Otter DHC-6	Nose wheel - Axle
STC-009.3	Diamond / DA40	Main/nose wheels - Brakes - Reservoirs - Axles - Brake lines
STC-011	UAB / Lak 17A	Main wheel - Brake - Brake limiter - Axle - Brake line
STC-012.1	Extra Aircraft / Single seater	Main wheels - Brakes - Reservoirs - Axles - Brake lines
STC-012.2	Extra Aircraft / Extra Two seater	Main wheels - Brakes - Reservoirs - Axles - Brake lines

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## Certified Kits - STC (\* Tires are optional and not part of the standard kits)

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STC n°	Airplane name	Content of the STC
STC-013.1	Diamond / DA42	Main/nose wheels - Single brakes - Axles - Brake lines
STC-13.2	Diamond / DA42NG	Main/nose wheels - Single brakes - Axles - Brake lines
STC-014.1	Piper / PA-28 150/151/160/161	Main/nose wheels - Brakes (pilot/co pilot) - Axles - Brake lines
STC-014.2	Piper / PA-28 180/181	Main/nose wheels - Brakes (pilot/co pilot) - Axles - Brake lines
STC-014.3	Piper / PA-28 150/151/160/161	Main/nose wheels - Brakes (pilot/co pilot) - Axles - Brake lines
STC-015	DG Flugzeugbau / LS4	Main wheel - Brake - Brake limiter - Axle - Brake line
STC-016	Piper / PA-18 Cleveland/Grove	Brake Heel master cylinders
STC-017.1	Piper / PA-46 310P/350P/350T	Main/nose wheels - Brakes (pilot/co pilot) - Axles - Brake lines
STC-017.2	Piper / PA46 500TP	Main/nose wheels - Freins DUAL (pilot/co pilot) - Axles - Brake lines
STC-018	Piper / PA-18 Cleveland/Grove	ALG Landing gear - Axle kit 1.5"
STC-018.2	Piper / PA-18	10" Main wheels - Heel brakes - Reservoirs - Axles - ALG landing gear
STC-018.3	Piper / PA-18	6" Main wheels - Heel brakes - Reservoirs - Axles - ALG landing gear
STC-019.1	Piper / PA-18 - Axle 1.5"	10" Main wheels - Heel brakes - Reservoirs - Axle adaptation parts
STC-019.2	Piper / PA-18 - Axle 1.25"	10" Main wheels - Heel brakes - Reservoirs - Axle adaptation parts
STC-021	Diamond / DA62	Main/nose wheels - Tires - Single brakes - Axles - Brake lines
STC-022.1	Cessna / 180/182 with fairings	Main wheels - Brakes - Reservoirs - Axles - Brake lines
STC-022.2	Cessna / 180/182 without fairings	Main wheels - Brakes - Reservoirs - Axles - Brake lines
STC-022.3	Cessna / 1820/182 with fairings	Nose wheel - Axle
STC-022.4	Cessna / 180/182 without fairings	Nose wheel - Axle
STC-022.5	Cessna / 182 - Tube LG	Brake line set
STC-022.6	Cessna / 182 - Spring LG	Brake line set
STCE-102*	Pitts S1-S2	Main wheels - Brakes - Reservoirs - Axles - Brake lines (*STC owned by Air Projet)

For Packing list and ICA please refer to this page ->
















Aircraft Make/ Model	Wheel/Brake package P/N	Brake controls (included)	Nose wheel P/N (optional)	Wheel colour	Accessories (order separately)	Notes
<b>Centrair / Pegase</b> 	<b>STC-003</b> Wheel 5.00-5" *tire 5.00-5" Caliper/disc/pads Axle	1x master cylinder Reservoir Parking brake - Limiter Brake lines/fittings		standard red or black color 	<b>TP-005</b> SensAIR® 5" 	
<b>Cessna / 180/182</b> <i>With fairings</i>	<b>STC-022.1</b> Wheels 6.00-6" Calipers/discs/pads Axles	2x master cylinders 3x Reservoirs Brake lines/fittings	<b>STC-022.3</b> Wheel 5" Axle	 other colors option	<b>TP-006</b> SensAIR® 6" <b>TP-005</b> SensAIR® 5"	
<b>Cessna / 180/182</b> <i>Without fairings</i>	<b>STC-022.2</b> Wheels 6.00-6" Calipers/discs/pads Axles	2x master cylinders 3x Reservoirs Brake lines/fittings	<b>STC-022.4</b> Wheel 5" Axle			
<b>Cessna / 182</b> <i>Tube LG</i>	<b>STC-022.5</b> Brake line set Bracket					
<b>Cessna / 182</b> <i>Spring LG</i>	<b>STC-022.6</b> Brake line set Bracket					



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Aircraft Make/ Model	Wheel/Brake package P/N	Brake controls (included)	Nose wheel P/N (included)	Wheel colour	Accessories (order separately)	Notes
Cirrus / SR20/22/22T	<b>STC-010 single brake</b> Wheels 6.00-6" Calipers/discs/pads Axles 	4x master cylinders Brake lines/fittings 	Nose wheel 5" Axle	standard red or black color  	<b>TP-006</b> SensAIR® 6" <b>TP-005</b> SensAIR® 5" 	STC-010 must be ordered to Cirrus Direct
Cirrus / SR20/22/22T	<b>STC-004 DUAL brake</b> Wheels 6.00-6" Calipers/discs/pads Axles 	4x master cylinders ALIR regulator Brake lines/fittings 	Nose wheel 5" Axle	other colors option      		

































Aircraft Make/ Model	Wheel/Brake package P/N	Brake controls (included)	Nose wheel (included)	Wheel colour	Accessories (order separately)	Notes
<b>DG Flugzeugbau / LS4</b> 	<b>STC-015</b> Wheel 4.00-5" *tire 11x4.00-5" Caliper/disc/pads Axle/parts	1x master cylinder Reservoir Parking brake Limiter Brake lines/fittings		standard red or black color 	<b>TP-005</b> SensAIR® 5" 	
<b>Diamond / DA40</b> 	<b>STC-009.3</b> <b>STC-009 Tundra</b> Wheels 6.00-6" Calipers/discs/pads Axles	4x master cylinders 2x reservoirs Brake lines/fittings	Wheel 5.00-5" Axle	other colors option 	<b>TP-006</b> SensAIR® 6" <b>TP-005</b> SensAIR® 5" 	
<b>Diamond / DA42</b> 	<b>STC-013.1</b> Wheels 6.00-6" Calipers/discs/pads Axles	4x master cylinders 2x reservoirs Brake lines/fittings	Wheel 5.00-5" Axle	  	<b>TP-006</b> SensAIR® 6" <b>TP-005</b> SensAIR® 5" 	MTOW 1785kg or less
<b>Diamond / DA42NG</b> 	<b>STC-013.2</b> Wheels 6.00-6" Calipers/discs/pads Axles	4x master cylinders 2x reservoirs Brake lines/fittings	Wheel 5.00-5" Axle	 	<b>TP-006</b> SensAIR® 6" <b>TP-005</b> SensAIR® 5" 	MTOW 1900kg or less
<b>Diamond / DA62</b> 	<b>STC-021</b> Wheels 6.00-6" Calipers/discs/pads Axles	4x master cylinders 2x reservoirs Brake lines/fittings	Wheel 6.00-6" Axle		<b>TP-006</b> SensAIR® 6" 	

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Contacts	Aircraft Make/ Model	Wheel/Brake package P/N	Brake controls (included)	Nose / Tailwheel (Included)	Wheel colour	Accessories (order separately)	Notes
Webshop	Extra Aircraft / Extra single seater	<b>STC-012.1</b> Wheel 5.00-5" Caliper/disc/pads Axle/ parts	2x master cylinders 2x reservoirs Brake lines/fittings		standard red or black color	<b>TP-005</b> SensAIR® 5"	
BERINGER Aero Technologie	Extra Aircraft / Extra two seater	<b>STC-012.2</b> Wheel 5.00-5" Caliper/disc/pads Axle/ parts	4x master cylinders 2x reservoirs Brake lines/fittings		  other colors option	<b>TP-005</b> SensAIR® 5" 	
AeroPatents	Pilatus / PC-6	<b>STC-002.1 Pilot brakes</b> Wheels 12" Calipers/discs/pads Axles	2x master cylinders ALIR regulator Brake lines/fittings	Tailwheel 5.00-4" Axle			It is possible to switch from pilot STC to pilot+co-pilot STC
History/Values		<b>STC-002.2</b> <i>Pilot+Co-pilot brakes</i> Wheels 12" Calipers/discs/pads Axles	4x master cylinders ALIR regulator Brake lines/fittings	Tailwheel 5.00-4" Axle			
Wheels/Brakes		<b>STC-002.4 Pilot brakes</b> Wheels 10" Calipers/discs/pads Axles	2x master cylinders ALIR regulator Brake lines/fittings	Tailwheel 5.00-4" Axle	 		
Nose-Tailwheels		<b>STC-002.3</b> <i>Pilot+Co-pilot brakes</i> Wheels 10" Calipers/discs/pads Axles	4x master cylinders ALIR regulator Brake lines/fittings	Tailwheel 5.00-4" Axle	 		
SensAIR®							
Tires							
Wheel Axles							
Landing Gears ALG/B' Flex Shock Wheel							
Hoses/Fittings							
Brake Controls Rudd'Air Pedals							
Regulators Anti-skid							
Parking Valves							
Spare Parts							
Tools							
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Aircraft Make/ Model	Wheel/Brake package P/N	Brake controls (included)	Landing gear	Wheel colour	Accessories (order separately)
<b>DG Flugzeugbau / LS4</b>	<b>STC-015</b> Wheel 4.00-5" *tire 11x4.00-5" Caliper/disc/pads Axle/parts	1x master cylinder Reservoir Parking brake Limiter Brake lines/fittings		red or black color    	<b>TP-005</b> SensAIR® 5"  
<b>Piper / PA-18</b> <i>Cleveland/Grove brakes</i>		<b>STC-016</b> 2x Heel master cylinders 2x heel levers 2x reservoirs		other colors option    	
<b>Piper / PA-18</b> <i>1.25" OEM axle</i>	<b>STC-019.2</b> Wheel 10" Calipers/discs/pads Adaptation parts for 1.25" LG	2x Heel master cylinders 2x heel levers 2x reservoirs	<b>STC-018 + STC-018-AXLE2</b> -ALG landing gear -Kit axles 1.5" for 6" wheels ABI-Cleveland-Grove)	  	
<b>Piper / PA-18</b> <i>1.50" OEM axle</i>	<b>STC-019.1</b> Wheel 10" Calipers/discs/pads Adaptation parts for 1.50" LG	2x Heel master cylinders 2x heel levers 2x reservoirs	 <a href="#">ALG in Alaska</a>	  	
<b>Piper / PA-18</b> <i>BERINGER ALG LG</i>	<b>STC-018.3</b> Wheel 6" Calipers/discs/pads Axles	2x Heel master cylinders 2x heel levers 2x reservoirs	ALG landing gear (included)  	  	
	<b>STC-018.2</b> Wheel 10" Calipers/discs/pads Axles	2x Heel master cylinders 2x heel levers 2x reservoirs			

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Aircraft Make/Model	Wheel/Brake package P/N	Brake controls (included)	Nose / Tailwheel (Included)	Wheel colour	Accessories (order separately)	Notes
<b>Piper / PA-28 180/181</b> 	<b>STC-014.2</b> Wheels 6.00-6" Calipers/discs/pads Axles/parts 	4x master cylinders Brake lines/fittings	<b>Nose</b> wheel 6.00-6" Axle/parts	standard red or black color  	<b>TP-006</b> SensAIR® 6" 	The 3 STC's include pilot and co-pilot brakes
<b>Piper / PA-28 150/151/160/161</b> <i>With wheel fairings</i>	<b>STC-014.1</b> Wheels 6.00-6" Calipers/discs/pads Axles/parts	4x master cylinders Brake lines/fittings	<b>Nose</b> wheel 5.00-5" Axle/parts	other colors option      	<b>TP-005</b> SensAIR® 5" <b>TP-006</b> SensAIR® 6" 	
<b>Piper / PA-28 150/151/160/161</b> <i>Without wheel fairings</i>	<b>STC-014.3</b> Wheels 6.00-6" Calipers/discs/pads Axles/parts	4x master cylinders Brake lines/fittings	<b>Nose</b> wheel 5.00-5" Axle/parts			
<b>Piper / PA-46 310P/350P/350T</b> 	<b>STC-017.1</b> Wheels 6.00-6" Calipers/discs/pads Axles/parts	4x master cylinders Brake lines/fittings	<b>Nose</b> wheel 5.00-5"		<b>TP-005</b> SensAIR® 5" <b>TP-006</b> SensAIR® 6" 	The 2 STC's include pilot and co-pilot brakes
<b>Piper / PA-46 500TP</b>	<b>STC-017.2</b> Wheels 6.00-6" Calipers/discs/pads Axles/parts	4x master cylinders Brake lines/fittings	<b>Nose</b> wheel 5.00-5"			

Aircraft Make/ Model	Wheel/Brake package P/N	Brake controls (included)	Nose / Tailwheel (Included)	Wheel colour	Accessories (order separately)	Notes
<p><b>Pitts S1/S2</b></p>   	<p><b>STCE-102*</b> Wheels 5.00-5" *tires 5.00-5" Calipers/discs/pads Axles</p>	<p>2x master cylinders Reservoirs Brake lines/fittings</p>		<p>standard red or black color</p>   <p>other colors option</p>      	<p><b>TP-005</b> SensAIR® 5"</p>	<p>*STC owned by Air Projet</p>
<p><b>Robin / DR400</b></p> 	<p><b>STC-006</b> Brake : caliper/disc/pads Special flange/brake support</p> 					

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Contacts	Aircraft Make/ Model	Wheel/Brake package P/N	Brake controls (included)	Nose / Tailwheel (Included)	Wheel colour	Accessories (order separately)	Notes
Webshop	<b>Schempp Hirth / Discus/Ventus 2A</b>	<b>STC-007</b> Wheel 4.00-5" *tire 11x4.00-5" Caliper/disc/pads Axle/parts	1x master cylinder Reservoir Brake lines/fittings			<b>TP-005</b> SensAIR® 5"	
BERINGER Aero Technologie							
AnOiler® Patents						<b>TP-005</b> SensAIR® 5"	
History/Values	<b>Schleicher / ASW20</b>	<b>STC-005</b> Wheel 5.00-5" *tire 5.00-5" Caliper/disc/pads Axle/parts	1x master cylinder Reservoir Limiter Axle Brake lines/fittings				
Wheels/Brakes							
Nose-Tailwheels						<b>TP-005</b> SensAIR® 5"	
SensAIR®	<b>UAB / Lak 17A</b>	<b>STC-011</b> Wheel 5.00-5" *tire 5.00-5" Caliper/disc/pads Axle/parts	1x master cylinder Reservoir Parking brake Limiter Brake lines/fittings				
Tires							
Wheel Axles							
Landing Gears ALG/B' Flex Shock Wheel	<b>Viking Air / Twin Otter DHC-6</b>			<b>STC-008</b> Nose wheel kit Wheel 8.9x12.5" Axle			
Hoses/Fittings							
Brake Controls Rudd'Air Pedals							
Regulators Anti-skid							
Parking Valves							
Spare Parts							
Tools							
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Installing a BERINGER wheel and brake kit on your aircraft greatly increases the braking performance and raises your level of safety. The landing gear solutions, Alaskan Landing Gear for taildraggers and Shock Wheel for spring gears, come as options with the wheel and brake kits.

The following pages feature complete setups : wheels/brakes/axles/tires/master cylinders/hydraulic (brake lines and fittings)/pressure limiters or regulators/parking brake valves, along with landing gear solutions and fairings. The kits are listed alphabetically as per the aircraft name. If your aircraft is not listed, please contact us.

For more detailed information on the kits and its components, please refer to the parts pages, including features and technical data (see content list page 3). The kit content shown in these pages is not contractual and can vary from one aircraft model to another (for example the Van's RV kits don't include reservoirs or regulator).

**Tires are optional and not part of the standard kits (invoiced separately).** Please consult us for specific use or other dimensions.

We highly recommend the tire installation by BERINGER for all new wheels and tires bought at BERINGER. This service, charged on top, includes a pressure test to ensure the conformity of the installation.



















**Finish :** Red is the standard color for all BERINGER products, black is a free option for wheel finish too. A pallet of colors is also available for the wheels (refer to website) with an extra charge and leadtime.



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## Experimental/Non Certified wheel/brake kits

\* Tires are optional and not part of the standard kits

Contacts	Aircraft Make/ Model	Wheel/Brake package P/N	Brake controls (included)	Nose/Tailwheel P/N (optional)	Wheel colour	Landing Gear (optional)	Accessories (order separately)	Notes
Webshop	<b>A2CZ / Ellipse</b> 	<b>SEL01</b> Wheels 4.00-6" *tires 15x6.00-6" Calipers/discs/pads Axles - Wheel caps	1x master cylinder lever - reservoir parking brake limiter Brake lines/fittings	<b>SAE01A</b> wheel 4.00-6" *tire 13x5.00-6" axle	standard red or black color  		- SensAIR® 	
BERINGER Aero Technologie	<b>Aero East Europe / Sila</b> 	<b>SLI01</b> Wheels 4.00-6" *tires 15x6.00-6" Calipers/discs/pads Axles - Wheel caps	1x master cylinder reservoir 1x pressure limiter Brake lines/fittings	<b>6"</b> wheel 4.00-6" *tire 15x6.00-6" axle	other colors option 		- SensAIR® 	
Amotiv® Patents	<b>Aero Super Guépard / Super Guépard</b> 	<b>SGU01</b> Wheels 4.00-6" *tires 4.00-6" Calipers/discs/pads Axles - Wheel caps	1x master cylinder reservoir parking brake limiter Brake lines/fittings	Ask us, options available	    	Shock wheel : ask us, options available B'Flex LG 	- SensAIR® - Co-pilot hand brake 	There are several original LG : ask us to make sure of the cor- rect dimensions
History/Values	<b>Aeropilot / Legend 540</b> 	<b>SLG01</b> Wheels 4.00-6" *tires 4.00-6" Calipers/discs/pads Axles - Wheel caps	Brake lines/fittings	<b>SLG01A</b> wheel 3.50-4" *tire 4.00-4" Axle			- SensAIR® 	
Wheels/Brakes								
Nose-Tailwheels								
SensAIR®								
Tires								
Wheel Axles								
Landing Gears ALG/B'Flex Shock Wheel								
Hoses/Fittings								
Brake Controls Rudd'Air Pedals								
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\* Tires are optional and not part of the standard kits

Aircraft Make/ Model	Wheel/Brake package P/N	Brake controls (included)	Nose/Tailwheel P/N (optional)	Wheel colour	Landing Gear (optional)	Accessories (order separately)	Notes
<b>Aeroprakt / A22/A32</b> 	<b>SA201 new types</b> <b>SA202 first types</b> Wheels 6.00-6" *tires 15x6.00-6" Calipers/discs/pads Axles - Wheel caps	1x master cylinder Reservoir Parking brake Limiter Brake lines/fittings	<b>SA201A</b> wheel 4.00-6" *tire 15x6.00-6" Axle	standard red or black color  other colors option	- Shock Wheel - SPEED'AIR fairings 	- SensAIR® 	
<b>Aeropro / Eurofox</b> 	<b>SEF01</b> Wheels 6.00-6" *tires 15x6.00-6" or 6.00-6" or 22" (bush use) Calipers/discs/pads Axles - Wheel caps	2x master cylinders Reservoirs ALIR regulator Brake lines/fittings	Tailwheel : GLR groundloop resistant Wheel 4" TW support Levier/cable to lock/unlock		- Shock Wheel (two types depending on the tires) 	- SensAIR® - Parking brake - Rudd'AIR pedals (pilot/co-pilot) - Axles for Datum skis 	
<b>Aerospool / WT9 Club</b> 	<b>SAE02</b> Wheels 4.00-6" *tires 15x6.00-6" Calipers/discs/pads Axles - Wheel caps	1x master cylinder Reservoir ALIR Regulator Brake lines/fittings	<b>SAE02A</b> wheel 4.00-6" *tire 13x5.00-6" Axle		- Shock Wheel 	- SensAIR® 	




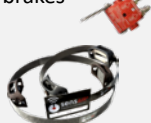














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## Experimental/Non Certified wheel/brake kits

\* Tires are optional and not part of the standard kits

Contacts	Aircraft Make/ Model	Wheel/Brake package P/N	Brake controls (included)	Nose/Tailwheel P/N (optional)	Wheel colour	Landing Gear (optional)	Accessories (order separately)	Notes
Webshop	<b>Aerospool / WT9</b> 	<b>SAE01</b> Wheels 4.00-6" *tires 15x6.00-6" Calipers/discs/pads Axles - Wheel caps	1x master cylinder Reservoir ALIR Regulator Brake lines/fittings	<b>SAE01A</b> wheel 4.00-6" *tire 13x5.00-6" Axle	standard red or black color 	- Shock Wheel	- SensAIR®	
BERINGER Aero Technologie					other colors option   	- Shock Wheel	- SensAIR®	
Amotiv Patents	<b>Aerospool / WT10</b> 	<b>SAE03</b> Wheels 5.00-5" *tires 11x4.00-5" Calipers/discs/pads Axles - Wheel caps	1x master cylinder Reservoir ALIR Regulator Brake lines/fittings	included : wheel 4.00-6" *tire 13x5.00-6" Axle				
History/Values								
Wheels/Brakes	<b>Airlony / Skylane</b> 	<b>SSK05 (recent model)</b> <b>SSK02 (first model)</b> Wheels 4.00-6" *tires 4.00-6" Calipers/discs/pads Wheel caps	2x master cylinders Reservoirs ALIR regulator Brake lines/fittings	<b>SST07A</b> wheel 3.50-4" *tire 4.00-4" Axle	  	- Shock Wheel - SPEED'AIR fairings	- SensAIR® - Parking brake - Co-pilot brakes	Other colour options
Nose-Tailwheels								
SensAIR®	<b>AirRes / Bucker Jungmeister</b> 	<b>SBJ02</b> Wheels 6.00-6" Calipers/discs/pads Axles - Wheel caps	2x master cylinders Reservoirs ALIR Regulator Brake lines/fittings			- SensAIR® - Parking brake	The axle must be machined from ø38.3 to	
Tires								
Wheel Axles								
Landing Gears ALG/B'Flex Shock Wheel								
Hoses/Fittings								
Brake Controls Rudd'Air Pedals								
Regulators Anti-skid								
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Aircraft Make/ Model	Wheel/Brake package P/N	Brake controls (included)	Nose/Tailwheel P/N (optional)	Wheel colour	Landing Gear (optional)	Accessories (order separately)	Notes
<b>AirRes / Bücker Jungmann</b> 	<b>SBJ01</b> Wheels 6.00-6" *tires 6.00-6" Calipers/discs/pads Axles - Wheel caps	2x master cylinders Reservoirs ALIR Regulator Brake lines/fittings		standard red or black color  		- SensAIR® - Parking brake - Co-pilot brakes 	Some special parts must be ordered direct to AirRes . The axle must be machined from ø38.3 to 38.1mm
<b>Alpi Aviation / Pioneer P200/300 Kite</b> 	<b>SPI01</b> Wheels 4.00-6" *tires 4.00-6" Calipers/discs/pads Axles - Wheel caps	1x master cylinder Reservoir Limiter Brake lines/fittings	<b>SPI01A</b> wheel 3.50-4" *tire 4.00-4" Axle	other colors option  	Shock Wheel 	- SensAIR® -Co-pilot hand brake 	
<b>Alpi Aviation / Pioneer P300 RLG</b> 	<b>SPI03</b> Wheels 4.00-6" *tires 4.00-6" Calipers/discs/pads Axles - Wheel caps	1x master cylinder Reservoir Limiter Brake lines/fittings	<b>SPI01A</b> wheel 3.50-4" *tire 4.00-4" Axle	  	Shock Wheel 	- SensAIR® -Co-pilot hand brake 	
<b>Alpi Aviation / Pioneer P400</b> 	<b>SPI02</b> Wheels 5.00-5" *tires 5.00-5" Wheel caps	1x master cylinder Reservoir Limiter Brake lines/fittings	4" nose kit wheel 3.50-4" *tire 4.00-4" Axle			- SensAIR® -Co-pilot hand brake 	












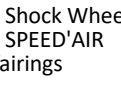
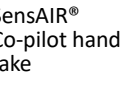









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## Experimental/Non Certified wheel/brake kits

\* Tires are optional and not part of the standard kits

Contacts	Aircraft Make/ Model	Wheel/Brake package P/N	Brake controls (included)	Nose/Tailwheel P/N (optional)	Wheel colour	Landing Gear (optional)	Accessories (order separately)	Notes
Webshop	<b>Apollo Aircraft Apollo Fox</b> 	<b>SAP01</b> Wheels 4.00-6" *tires 6.00-6" Calipers/discs/pads Axles		<b>AV-POL-030</b> wheel 4.00-6" *tire 4.00-6" Axle	standard red or black color 		- SensAIR®	Brake controls/ hydraulic/ park brake : ask us, options available
BERINGER Aero Technologie	<b>Apollo Aircraft Apollo Fox</b>	<b>SAP02</b> Wheels 6.00-6" Calipers/discs/pads Axles- Wheel caps	2x master cylinders Reservoirs ALIR Regulator Brake lines/fittings		 other colors option	- Shock Wheel - SPEED' AIR fairings 	- SensAIR® - Parking brake - Co-pilot brakes	
AnOiler® Patents	<b>Argo Aero / Argon</b> 	<b>SAG03</b> Wheels 4.00-6" *tires 4.00-6" or 15x6.00-6" Calipers/discs/pads Axles	1x master cylinder Reservoir Parking brake Limiter Brake lines/fittings		  	- Shock Wheel - SPEED' AIR fairings 	- SensAIR® - Co-pilot brake 	
History/ Values	<b>ASSO / Asso 5</b> 			<b>AV-ALPI-230</b> Fork 4.65" 118mm wheel 3.50-4" *tire 4.00-4" Axle	 		- SensAIR® 	
Wheels/Brakes	<b>ASSO / Asso X</b> 			<b>AV-ALPI-230</b> Fork 4.41" 112mm wheel 3.50-4" Axle			- SensAIR® 	
Nose-Tailwheels								
SensAIR®								
Tires								
Wheel Axles								
Landing Gears ALG/B' Flex Shock Wheel								
Hoses/Fittings								
Brake Controls Rudd'Air Pedals								
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Aircraft Make/ Model	Wheel/Brake package P/N	Brake controls (included)	Nose/Tailwheel P/N (optional)	Wheel colour	Landing Gear (optional)	Accessories (order separately)	Notes
<b>ASSO / Vidor</b> 	<b>SVID01</b> Wheels 4.00-6" *tires 4.00-6" Calipers/discs/pads Axles	2x master cylinders Reservoirs Brake lines/fittings		standard red or black color 		- SensAIR® 	
<b>ATEC / Faeta</b> 	<b>SAF01</b> Wheels 4.00-6" *tires 4.00-6" Calipers/discs/pads Axles - Wheel caps	1x master cylinder Reservoir Parking brake Limiter Brake lines/fittings	<b>SAZ01A</b> wheel 3.50-4" *tire 4.00-4" Axle	 other colors option 	- Shock Wheel - SPEED'AIR fairings 	- SensAIR® - Co-pilot hand brake 	
<b>ATEC / Zephyr</b> 	<b>SAZ01</b> Wheels 4.00-6" *tires 4.00-6" or 15x6.00-6" Calipers/discs/pads Axles - Wheel caps	1x master cylinder Reservoir Parking brake Limiter Brake lines/fittings	<b>SAZ01A</b> wheel 3.50-4" *tire 4.00-4" Axle	 	- Shock Wheel - SPEED'AIR fairings 	- SensAIR® - Co-pilot hand brake 	
<b>AutoGyro / MTO Sport 2010</b> 	<b>SAG01</b> Wheels 4.00-6" *tires 4.00-6" or 15x6.00-6" Calipers/discs/pads Axles - Wheel caps	1x master cylinder Reservoir Limiter Brake lines/fittings	<b>SAG02A</b> wheel 6" *tire 4.00-6" Axle	 	- Shock Wheel - SPEED'AIR fairings 	- SensAIR® 	
<b>AutoGyro / Calidus</b> 	<b>SAG01</b> Wheels 4.00-6" *tires 4.00-6" or 15x6.00-6" Calipers/discs/pads Axles - Wheel caps	1x master cylinder Reservoir Limiter Brake lines/fittings	<b>SAG01A</b> wheel 3.50-4" *tire 4.00-4" Axle				



















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## Experimental/Non Certified wheel/brake kits

\* Tires are optional and not part of the standard kits

Contacts Webshop	Aircraft Make/ Model	Wheel/Brake package P/N	Brake controls (included)	Nose/Tailwheel P/N (optional)	Wheel colour	Landing Gear (optional)	Accessories (order separately)	Notes
BERINGER Aero Technologie	<b>AutoGyro / Cavalon</b>  	<b>SAC01</b> Wheels 4.00-6" *tires 4.00-6" Calipers/discs/pads Axles - Wheel caps	Ask us, options available		standard red or black color   	- Shock Wheel - SPEED'AIR fairings  	- SensAIR®  	
AeroPatents			History/Values	Wheels/Brakes	Nose-Tailwheels	SensAIR®	Tires	Wheel Axles
History/Values			Wheels/Brakes	Nose-Tailwheels	SensAIR®	Tires	Wheel Axles	<b>Avid Flyer</b>  
Wheels/Brakes			Nose-Tailwheels	SensAIR®	Tires	Wheel Axles	Landing Gears ALG/B'Flex Shock Wheel	<b>SAF02</b> Wheels 6.00-6" *tires 15x6.00-6" or 6.00-6" Calipers/discs/pads Axles - Wheel caps
Nose-Tailwheels			SensAIR®	Tires	Wheel Axles	Landing Gears ALG/B'Flex Shock Wheel	Hoses/Fittings	<b>2x master cylinders Reservoirs ALIR Regulator Brake lines/fittings</b>
SensAIR®			Tires	Wheel Axles	Landing Gears ALG/B'Flex Shock Wheel	Hoses/Fittings	Brake Controls Rudd'Air Pedals	<b>TW-001</b> GLR groundloop resistant Wheel 3.50-4" *tire 2.80/2.50-4" TW support Lever/cable to lock/unlock
History/Values			Tires	Wheel Axles	Landing Gears ALG/B'Flex Shock Wheel	Hoses/Fittings	Brake Controls Rudd'Air Pedals	<b>other colors option</b>       
Wheels/Brakes			Tires	Wheel Axles	Landing Gears ALG/B'Flex Shock Wheel	Hoses/Fittings	Brake Controls Rudd'Air Pedals	<b>2x master cylinders Reservoirs ALIR Regulator Brake lines/fittings</b>
Nose-Tailwheels			Tires	Wheel Axles	Landing Gears ALG/B'Flex Shock Wheel	Hoses/Fittings	Brake Controls Rudd'Air Pedals	<b>TW-002</b> GLR groundloop resistant Wheel 3.50-4" *tire 4.00-4" TW support Lever/cable to lock/unlock
SensAIR®			Tires	Wheel Axles	Landing Gears ALG/B'Flex Shock Wheel	Hoses/Fittings	Brake Controls Rudd'Air Pedals	- SensAIR® - Co-pilot brakes - GLR tailwheel bush TW-002  
History/Values			Tires	Wheel Axles	Landing Gears ALG/B'Flex Shock Wheel	Hoses/Fittings	Brake Controls Rudd'Air Pedals	- ALG Landing Gear  
Wheels/Brakes			Tires	Wheel Axles	Landing Gears ALG/B'Flex Shock Wheel	Hoses/Fittings	Brake Controls Rudd'Air Pedals	- SensAIR® - Differential brakes on rudder pedals  
Nose-Tailwheels			Tires	Wheel Axles	Landing Gears ALG/B'Flex Shock Wheel	Hoses/Fittings	Brake Controls Rudd'Air Pedals	- ALG Landing Gear  
SensAIR®			Tires	Wheel Axles	Landing Gears ALG/B'Flex Shock Wheel	Hoses/Fittings	Brake Controls Rudd'Air Pedals	- SensAIR® - Differential brakes on rudder pedals  
History/Values			Tires	Wheel Axles	Landing Gears ALG/B'Flex Shock Wheel	Hoses/Fittings	Brake Controls Rudd'Air Pedals	- ALG Landing Gear  
Wheels/Brakes			Tires	Wheel Axles	Landing Gears ALG/B'Flex Shock Wheel	Hoses/Fittings	Brake Controls Rudd'Air Pedals	- SensAIR® - Differential brakes on rudder pedals  
Nose-Tailwheels			Tires	Wheel Axles	Landing Gears ALG/B'Flex Shock Wheel	Hoses/Fittings	Brake Controls Rudd'Air Pedals	- SensAIR® - Differential brakes on rudder pedals  
SensAIR®			Tires	Wheel Axles	Landing Gears ALG/B'Flex Shock Wheel	Hoses/Fittings	Brake Controls Rudd'Air Pedals	- SensAIR® - Differential brakes on rudder pedals  
History/Values			Tires	Wheel Axles	Landing Gears ALG/B'Flex Shock Wheel	Hoses/Fittings	Brake Controls Rudd'Air Pedals	- SensAIR® - Differential brakes on rudder pedals  
Wheels/Brakes			Tires	Wheel Axles	Landing Gears ALG/B'Flex Shock Wheel	Hoses/Fittings	Brake Controls Rudd'Air Pedals	- SensAIR® - Differential brakes on rudder pedals  
Nose-Tailwheels			Tires	Wheel Axles	Landing Gears ALG/B'Flex Shock Wheel	Hoses/Fittings	Brake Controls Rudd'Air Pedals	- SensAIR® - Differential brakes on rudder pedals  






















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Aircraft Make/ Model	Wheel/Brake package P/N	Brake controls (included)	Nose/Tailwheel P/N (optional)	Wheel colour	Landing Gear (optional)	Accessories (order separately)	Notes
<b>Bearhawk Aircraft / Bearhawk 2 OEM axle 1.5"</b> 	<b>SBH01</b> Wheels 6.00-6" *tires 6.00-6" Calipers/discs/pads Axles - Wheel caps	Brake controls/ALIR Regulator/brake lines/fittings : Ask us, options available		standard red or black color  		- SensAIR® 	
<b>BEDE / BD4</b> 	<b>SBD02</b> Wheels 6.00-6" *tires 6.00-6" Calipers/discs/pads Axles - Wheel caps	Brake controls/ALIR Regulator/brake lines/fittings : Ask us, options available	<b>AV-BEDE-030</b> wheel 3.50-4" Axle	other colors option   		- SensAIR® 	
<b>Blackshape / Blackshape Prime</b> 	<b>SBL01</b> Wheels 4.00-6" *tires 4.00-6" Calipers/discs/pads Axles - Wheel caps	Brake lines/fittings		  		- SensAIR® - Parking brake 	
<b>BOT Aircraft / Speed Cruiser</b> 	<b>SBT01</b> Wheels 4.00-6" *tires 4.00-6" Calipers/discs/pads Axles	1x master cylinder Reservoir Parking brake Limiter Brake lines/fittings	<b>SBT01A</b> wheel 4.00-5" *tire 11x4.00-5" Axle			- SensAIR® 	
<b>Brandli / Cherry BX2</b> 			<b>AV-CHER-031</b> wheel 3.50-4" *tire 4.00-4" Axle			- SensAIR® 	

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## Experimental/Non Certified wheel/brake kits

\* Tires are optional and not part of the standard kits

Contacts	Aircraft Make/ Model	Wheel/Brake package P/N	Brake controls (included)	Nose/Tailwheel P/N (optional)	Wheel colour	Landing Gear (optional)	Accessories (order separately)	Notes
Webshop	<b>Breezer / B400/B600</b>  	<b>SBR01</b> Wheels 5.00-5" *tires 5.00-5" Calipers/discs/pads Axles - Wheel caps	2x master cylinders Reservoirs ALIR Regulator Brake lines/fittings	<b>SBR01A</b> wheel 3.50-4" *tire 4.00-4" Axle	standard red or black color   	- Shock Wheel - SPEED'AIR fairings  	- SensAIR® - Co-pilot hand brake - Parking brake  	
BERINGER Aero Technologie								
AmOiler® Patents	<b>BRM / Citius Land Afrika Okavango</b> tires ≤ 26" <u>Rudder pedal brakes</u>  	<b>SSV01</b> Wheels 6.00-6" *tires 15x6.00-6" Calipers/discs/pads Axles - Wheel caps	2x master cylinders Reservoirs ALIR Regulator Brake lines/fittings	<b>SSV01A</b> large fork Wheel 4.00-6" *tire 15x6.00-6" Axle or <b>SSV02A</b> narrow fork wheel 4.00-6" *tire 4.00-6" Axle or <b>TW-002</b> GLR groundloop resistant TW Wheel 3.50-4" *tire 4.00-4" TW support Levier/cable to lock/unlock	other colors option        	- Shock Wheel - SPEED'AIR fairings    Taildragger : - ALG landing Gear + fuselage kit  	- SensAIR® - Co-pilot brake - Parking brake   	-Nose wheel aircraft use Shock Wheel -Taildragger use ALG LG
History/Values								
Wheels/Brakes	<b>BRM / Citius Land Afrika Okavango</b> tires > 26" <u>Hand brake</u>	<b>SSV02</b> Wheels 6.00-6" *tires 15x6.00-6" Calipers/discs/pads Axles	1x master cylinder Reservoir Parking brake Limiter Brake lines/fittings	<b>SSV01A</b> large fork Wheel 4.00-6" *tire 15x6.00-6" Axle	 	- Shock Wheel - SPEED'AIR fairings  		
Nose-Tailwheels								
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Wheel Axles								
Landing Gears ALG/B'Flex Shock Wheel								
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Aircraft Make/ Model	Wheel/Brake package P/N	Brake controls (included)	Nose/Tailwheel P/N (optional)	Wheel colour	Landing Gear (optional)	Accessories (order separately)	Notes
<b>BRM Aero / XL8 Bristell</b>  	<b>SBM04</b> Wheels 4.00-6" *tires 4.00-6" Calipers/discs/pads Axles - Wheel caps	<b>SBM06</b> 1x master cylinder Reservoir Parking brake Limiter Brake lines/fittings	<b>SBM08</b> wheel 3.50-4" *tire 4.00-4" Axle	standard red or black color     other colors option	- Shock Wheel - SPEED'AIR fairings  	- SensAIR® - Co-pilot brake  	Brake master cylinders fit any Wheel/ Brake kit. It is possible to mount pedal brake master cylinders with the 6" wheel kit and a hand master cylinder with the 5" wheel kit
	<b>SBM03</b> Wheels 5.00-5" *tires 5.00-5" Calipers/discs/pads Axles - Wheel caps	<b>SBM09</b> 2x master cylinders Reservoirs ALIR Regulator Brake lines/fittings	<b>SBM07</b> wheel 5" *tire 5.00-5" Axle	      	- Shock Wheel - SPEED'AIR fairings  	- SensAIR® - Co-pilot brakes  	
	<b>SBM13</b> Wheels 6.00-6" *tires 22" Calipers/discs/pads Axles - Wheel caps	<b>SBM09</b> 2x master cylinders Reservoirs ALIR Regulator Brake lines/fittings	<b>SBM12</b> wheel 6" *tire 4.00-6" Axle not included (contact BRM Aero)	  	- Shock Wheel - SPEED'AIR fairings  	- SensAIR® - Co-pilot brakes  	
<b>XL8 Bristell Taildragger</b>  	<b>SBM11</b> Wheels 6.00-6" *tires 22" Calipers/discs/pads Axles - Wheel caps	<b>SBM09</b> 2x master cylinders Reservoirs ALIR Regulator Brake lines/fittings	<b>AV-BRM-620</b> GLR groundloop resistant Wheel 4" TW support Levier/cable to lock/unlock	  	- ALG landing gear  	- SensAIR® - Co-pilot brakes  	


















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## Experimental/Non Certified wheel/brake kits

\* Tires are optional and not part of the standard kits

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	<p><b>Century / Storm</b></p> 	<p><b>STR01</b> Wheels 4.00-6" *tires 4.00-6" Calipers/discs/pads Axles - Wheel caps</p>	<p>1x master cylinder Reservoir Limiter Brake lines/fittings</p>	<p><b>STR01A</b> wheel 4.00-6" *tire 4.00-6" Axle</p>	<p>standard red or black color</p>  	<p>- Shock Wheel ask us, options available</p>	<p>- SensAIR®</p> 	
	<p><b>Cessna / L19 Bird Dog</b></p> 	<p><b>SBD01</b> Wheels 6.00-6" Several tires available Calipers/discs/pads Axles - Wheel caps</p>	<p>2x master cylinders Extenders Reservoirs Brake lines/fittings</p>	<p><b>SST11</b> Scott mounting wheel 3.50-4" *tire 4.00-4" Axle</p>	<p>other colors option</p> 	<p>- Shock Wheel</p> 	<p>- SensAIR® - Co-pilot brakes - Parking brake - ALIR Regulator</p> 	<p>Non certified kit Tires 8.50-6"6.00-6"</p>
	<p><b>Chatelain / AC11</b></p> 	<p><b>SAC02</b> Wheels 5.00-5" *tires 5.00-5" Calipers/discs/pads Axles - Wheel caps</p>	<p>1x master cylinder Reservoir Limiter Brake lines/fittings</p>	<p><b>AV-AC11-030</b> wheel 4.00-5" *tire 11x4.00-5" Axle</p>	 		<p>- SensAIR® - Parking brake</p> 	
	<p><b>Claude Piel / Emeraude CP301</b></p> 	<p><b>SEM01</b> Wheels 4.00-6" *tires 4.00-6" Calipers/discs/pads Axles - Wheel caps</p>	<p>2x master cylinders Reservoirs ALIR Regulator Brake lines/fittings</p>	<p><b>STR01A</b> wheel 4.00-6" *tire 4.00-6" Axle</p>	  		<p>- SensAIR® - Parking brake - Rudd' AIR pedal</p> 	<p>For original landing gear = Ø50mm, other possibilities, contact us</p>







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Aircraft Make/ Model	Wheel/Brake package P/N	Brake controls (included)	Nose/Tailwheel P/N (optional)	Wheel colour	Landing Gear (optional)	Accessories (order separately)	Notes
<b>Colomban / Luciole MC30</b> 	<b>SLU01</b> Wheels 3.50-4" *tires 4.00-4" Calipers/discs/pads Axles	Ask us, options available		standard red or black color   other colors option		- SensAIR® 	Other colors option
<b>Compact Compositi / Millenium Master</b> 	<b>SML01</b> Wheels 4.00-6" *tires 4.00-6" Calipers/discs/pads Axles	Ask us, options available	<b>AV-MIL-030</b> Wheel 4" * tire 4.00-4" Axle	     		- SensAIR® 	
<b>Czech Sport Aircraft / Sportcruiser</b> 	<b>SSC02</b> Wheels 5.00-5" *tires 5.00-5" Calipers/discs/pads Axles - Wheel caps	2x master cylinders Reservoirs ALIR Regulator Brake lines/fittings	<b>AV-CZE-030</b> Wheel 5" *tire 5.00-5" Axle	  		- SensAIR® - Co-pilot brakes - Parking brake 	
















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## Experimental/Non Certified wheel/brake kits

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Webshop	Aircraft Make/ Model	Wheel/Brake package P/N	Brake controls (included)	Tailwheel P/N (optional)	Wheel colour	Landing Gear (optional)	Accessories (order separately)
BERINGER Aero Technologie	<b>Cubcrafters / Carbon Cub OEM LG</b>	<b>CCF05</b> Wheels 6.00-6" Calipers/discs/pads Adapters for 1.25" axle	2x master cylinders Reservoirs Brake lines/fittings 	<b>AV-CUBC-120(A)</b> GLR groundloop resistant TW -wheel 3.50-4" * tire 4.00-4" -tailwheel support -lever/cable (not included) or <b>SST10</b> (Matco mounting) or <b>SST11</b> (Scott mounting)	standard red or black color  	ALG Landing Gear 	- SensAIR® - ALIR regulator - Parking brake - Freins DUAL 
AmOlie® Patents							
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\* Tires are optional and not part of the standard kits

Aircraft Make/ Model	Wheel/Brake package P/N	Brake controls (included)	Nose/Tailwheel P/N (optional)	Wheel colour	Landing Gear (optional)	Accessories (order separately)	Notes
<b>DB4/ Fascination RLG</b> 	<b>SFB01</b> Wheels 4.00-5" *tires 11x4.00-5" Calipers/discs/pads Axles	1x master cylinder Reservoir Parking brake Limiter Brake lines/fittings	<b>AV-FASC-030</b> Fork 4.92" 125mm wheel 4.00-6" *tire 4.00-6" Axle <b>AV-FASC-03</b>	red or black color  		- SensAIR® -Co-pilot hand brake 	
<b>Fascination FLG</b>	<b>SFB02</b> Wheels 4.00-6" *tires 4.00-6" Calipers/discs/pads Axles Wheel caps	1x master cylinder Reservoir Parking brake Limiter Brake lines/fittings	<b>Fork 4.72"</b> 120mm wheel 4.00-5" *tire 11x4.00-5" Axle	other colors option 			
<b>Direct Fly / Alto 912</b> 	<b>SAL02</b> Wheels 4.00-6" *tires 4.00-6" Calipers/discs/pads Axles Wheel caps	1x master cylinder Reservoir Parking brake Limiter Brake lines/fittings	Nose wheel kit : wheel 4.00-6" *tire 4.00-6" Axle Indicate the fork int. width : 5.12" 130mm 5.27" 134mm	  	-Shock Wheel 	- SensAIR® -Co-pilot brake -Brake on stick+limiter -Wheels 5.00-5" 	
<b>Distar / Lambada</b> 	<b>SLA01</b> Wheels 4.00-6" *tires 4.00-6" Calipers/discs/pads Axles Wheel caps	1x master cylinder Reservoir Parking brake Limiter Brake lines/fittings		 		- SensAIR® - Co-pilot hand brake 	





















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## Experimental/Non Certified wheel/brake kits

\* Tires are optional and not part of the standard kits

Contacts	Aircraft Make / Model	Wheel/Brake package P/N	Brake controls (included)	Nose/Tailwheel P/N (optional)	Wheel colour	Landing Gear (optional)	Accessories (order separately)	Notes
Webshop	<b>Dova Aircraft / Skylark</b> 	<b>SDO01</b> Wheels 4.00-6" *tires 15x6.00-6" Calipers/discs/pads Axles Wheel caps	1x master cylinder Reservoir Parking brake Limiter Brake lines/fittings	<b>AV-DOV-030</b> wheel 4.00-6" *tire 4.00-6" Axle	standard red or black color  		- SensAIR® - Co-pilot brake 	
History/Values Wheels/Brakes Nose-Tailwheels								
SensAIR®	<b>Dynaero / MCR</b> <b>Dynaero / MCR</b> 	<b>SDY03 Standard LG</b> <b>SDY01 Oleo LG</b> Wheels 4.00-5" *tires 11x4.00-5" Calipers/discs/pads Axles - Wheel caps	2x master cylinders Reservoirs ALIR Regulator Brake lines/fittings	<b>SDY02A</b> wheel 3.50-4" *tire 3.00-4" Axle or <b>SDY01A</b> wheel 4.00.5" *tire 11x4.00-5" Axle	other colors option      		- SensAIR® - Co-pilot brake 	- MCR01 standard LG and oleo gear have different axles - Brake master cylinders can be mounted on the pedal or close to the hands
Tires Wheel Axles Landing Gears ALG/B'Flex Shock Wheel Hoses/Fittings Brake Controls Rudd'Air Pedals Regulators Anti-skid								
Parking Valves	<b>Ekolot / Topaz/Junior</b> 	<b>SEK01</b> Wheels 4.00-6" *tires 4.00-6" Calipers/discs/pads Axles Wheel caps	1x master cylinder Reservoir Parking brake Limiter Brake lines/fittings	<b>SEK02A narrow fork</b> <b>SEK01A large fork</b> wheel 4.00-6" *tire 4.00-6" axle	 	- Shock Wheel - SPEED'AIR fairings 	- SensAIR® - Co-pilot brake 	Shock Wheel:: If already equipped with BERINGER wheels, axle must be changed
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Aircraft Make/ Model	Wheel/Brake package P/N	Brake controls (included)	Nose/Tailwheel P/N (optional)	Wheel colour	Landing Gear (optional)	Accessories (order separately)	Notes
<b>ELA Aviacion / ELA Eclipse</b> 	<b>SEL02</b> Wheels 4.00-6" *tires 4.00-6" Calipers/discs/pads Axles Wheel caps	1x master cylinder Bracket Reservoir Limiter Brake lines/fittings	<b>AV-ELA-030</b> wheel 3.50-4" *tire 3.00-4" Axle	standard red or black color   other colors option	- Shock Wheel - SPEED' AIR fairings 	- SensAIR® 	
<b>Europa Aircraft Europa monowheel</b> 	<b>SEU02</b> Wheel 6.00-6" *tire 7.00-6" or 8.00-6" Caliper/disc/pads axle	1x master cylinder Reservoir Parking brake Limiter Brake lines/fittings		  		- SensAIR® 	Europa nose wheel : ask us
<b>Evektor / Eurostar</b> 	<b>SEU01</b> Wheels 4.00-6" *tires 15x6.00-6" Calipers/discs/pads Axles Wheel caps	2x master cylinders Reservoirs ALIR Regulator Brake lines/fittings	<b>SEU01A</b> wheel 4.00-6" *tire 13X5.00-6" axle	  	- Shock Wheel - SPEED' AIR fairings 	- SensAIR® - Co-pilot brake - Parking brake 	
<b>Evektor / Sportstar</b> 	<b>SEU01</b> Wheels 4.00-6" *tires 15x6.00-6" Calipers/discs/pads Axles Wheel caps	2x master cylinders Reservoirs ALIR Regulator Brake lines/fittings	<b>SEU01A</b> wheel 4.00-6" *tire 13X5.00-6" axle		- Shock Wheel ask us 	- SensAIR® - Co-pilot brake - Parking brake 	

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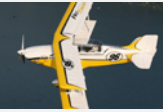
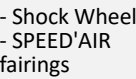

## Experimental/Non Certified wheel/brake kits

\* Tires are optional and not part of the standard kits

Contacts	Aircraft Make/ Model	Wheel/Brake package P/N	Brake controls (included)	Nose/Tailwheel P/N (optional)	Wheel colour	Landing Gear (optional)	Accessories (order separately)	Notes
Webshop	<b>F1 Aircraft / F1 Rocket</b> 	<b>SRO02</b> Wheels 5.00-5" *tires 5.00-5" Calipers/discs/pads Axles	2x master cylinders Brake lines/fittings		standard red or black color 		- SensAIR® - Parking brake - ALIR regulator 	
BERINGER Aero Technologie								
AmOiler® Patents	<b>Falcomposite / Furio</b> 	<b>SFU01</b> Wheels 5.00-5" *tires 5.00-5" Calipers/discs/pads Axles	4x master cylinders Reservoirs ALIR Regulator Brake lines/fittings	<b>SFU01A</b> wheel 4.00-5" *tire 11x4.00-5" Axle	other colors option 		- SensAIR® 	
History/Values								
Wheels/Brakes	<b>Falco / F8L Axle ø 30</b> 	<b>SFA02</b> Wheels 5.00-5" *tires 5.00-5" Calipers/discs/pads Axles	2x master cylinders Reservoirs Brake lines/fittings	<b>SFA01A</b> wheel 4.00-5" *tire 11x4.00-5" Axle			- SensAIR® - Co-pilot brakes - ALIR regulator - Parking brake 	
Nose-Tailwheels								
SensAIR®	<b>Falco / F8L Axle ø 31.75</b>	<b>SFA01</b> Wheels 5.00-5" *tires 5.00-5" Calipers/discs/pads Axles	2x master cylinders Reservoirs Brake lines/fittings	<b>SFA01A</b> wheel 4.00-5" *tire 11x4.00-5" Axle			- SensAIR® - Co-pilot brakes - ALIR regulator - Parking brake 	
Tires								
Wheel Axles								
Landing Gears ALG/B'Flex Shock Wheel								
Hoses/Fittings								
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Aircraft Make/ Model	Wheel/Brake package P/N	Brake controls (included)	Nose/Tailwheel P/N (optional)	Wheel colour	Landing Gear (optional)	Accessories (order separately)	Notes
<b>Fantasy Air / Allegro</b> 	<b>SAL01</b> Wheels 4.00-6" *tires 4.00-6" Calipers/discs/pads Axles Wheel caps	1x master cylinder Reservoir Parking brake Limiter Brake lines/fittings	Ask us, options available	standard red or black color  	- Shock Wheel	- SensAIR® - Co-pilot brakes - 6.00-6" wheels 	
<b>Fieseler / Storch</b> 	<b>SST01</b> <b>OEM axle 1" 25.4mm</b> Wheels 4.00-6" Calipers/discs/pads Axles			other colors option      		- SensAIR®	
<b>FK Aircraft / FK9 Mark III-IV-V-VI ELA</b>  	<b>SFK01</b> Wheels 4.00-6" *tires 4.00-6" Calipers/discs/pads Axles Wheel caps	1x master cylinder Levier Reservoir Limiter Brake lines/fittings	<b>SFK01A</b> Wheel 4.00-4" * tire 4.00-4" Axle		- Shock Wheel - SPEED'AIR fairings 	- SensAIR® - Parking brake 	The brake lever is special one for FK9
	<b>SFK04</b> Wheels 3.50-4" Calipers/discs/pads Axles	1x master cylinder Levier Reservoir Brake lines/fittings	<b>SFK01A</b> Wheel 4.00-4" * tire 4.00-4" Axle				
<b>FK Aircraft / FK12</b> 	<b>SFK03</b> Wheels 4.00-6" *tires 4.00-6" Calipers/discs/pads Axles Wheel caps	1x master cylinder Levier Reservoir Limiter Brake lines/fittings			- Shock Wheel - SPEED'AIR fairings 	-SensAIR® -Parking brake -Rudder pedal brakes (co-pilot brakes available) 	
















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\* Tires are optional and not part of the standard kits

Contacts	Aircraft Make/ Model	Wheel/Brake package P/N	Brake controls (included)	Nose/Tailwheel P/N (optional)	Wheel colour	Landing Gear (optional)	Accessories (order separately)	Notes
Webshop	<b>Flight Design LiftAir / CTSW 2007</b> 	<b>SFD01</b> Wheels 4.00-6" *tires 4.00-6" Calipers/discs/pads Axles+brackets Wheel caps	1x master cylinder Reservoir Limiter Brake lines/fittings	<b>SFD01A</b> wheel 4.00-6" *tire 4.00-6" axle	standard red or black colour  	- Shock Wheel ask us	- SensAIR® - Parking brake  	
BERINGER Aero Technologie 								
History/Values	<b>Flight Design LiftAir / CTLS</b> 	<b>SFD02</b> Wheels 4.00-6" *tires 15x6.00-6" Calipers/discs/pads Axles+brackets Wheel caps	1x master cylinder Reservoir Limiter Brake lines/fittings	<b>AV-FDES-0301</b> wheel 4.00-6" *tire 4.00-6" axle	other colors option  			
SensAIR® Tires Wheel Axles								
Landing Gears ALG/B' Flex Shock Wheel	<b>Fly Synthesis / Storch</b> 	<b>SFS01</b> Wheels 4.00-6" *tires 13x5.00-6" Calipers/discs/pads Axles Wheel caps	1x master cylinder Levier Reservoir Limiter Brake lines/fittings	<b>AV-FLIG-031</b> Wheel 3.50-4" *tire 4.00-4" - Axle or <b>6" wheel kit</b> Wheel 4.00-6" *tire 6.00-6" - Axle	  		- SensAIR® 	Tell us if original brakes are drum brakes
Hoses/Fittings Brake Controls Rudd'Air Pedals Regulators Anti-skid Parking Valves								
Spare Parts	<b>Fly Synthesis / Texan</b> 	<b>SFS02 fixed LG</b> Wheels 4.00-6" *tires 13x5.00-6" Calipers/discs/pads Axles - Wheel caps	1x master cylinder Levier Reservoir Limiter Brake lines/fittings				- SensAIR® 	
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Aircraft Make/ Model	Wheel/Brake package P/N	Brake controls (included)	Nose/Tailwheel P/N (optional)	Wheel colour	Landing Gear (optional)	Accessories (order separately)	Notes
<b>Flying Machine Vampire Century</b> 	<b>SVA01</b> Wheels 4.00-6" *tires 4.00-6" Calipers/discs/pads Axles Wheel caps	1x master cylinder Reservoir Parking brake Limiter Brake lines/fittings	<b>SVA01A</b> wheel 4.00-6" *tire 4.00-6" axle	standard red or black color   other colors option		- SensAIR® - Co-pilot brake 	Drilling of the spring leaf must be validated
<b>FlyLight/ Nynja Swift Skyranger</b>  	<b>SSK01</b> Wheels 4.00-6" *tires 4.00-6" or bush tires Calipers/discs/pads Axles - Wheel caps	1x master cylinder Reservoir Parking brake Limiter Brake lines/fittings	<b>SSK01A</b> wheel 4.00-6" *tire 4.00-6" axle	     	- Shock Wheel - B'Flex LG  	- SensAIR® - 8" wheels for DURO 21" and 27.5" tires 	If leaf gear is zical, axles are special. Main wheel kit P/N is SSK03
	<b>SSK06</b> Wheels 6.00-6" *tires 22x8.50-6" Calipers/discs/pads Axles - Wheel caps	1x master cylinder Reservoir Parking brake Limiter Brake lines/fittings	<b>SSK02A (Large fork)</b> wheel 6.00-6" *tire 6.00-6" Special axle				
	<b>SSK04</b> Wheels 3.50-4" *tires 4.00-4" or bush tires Calipers/discs/pads Axles - Wheel caps	1x master cylinder Reservoir Parking brake Limiter Brake lines/fittings	4" nose wheel kit Wheel 3.50-4" *tire 4.00-4" Special axle				

























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## Experimental/Non Certified wheel/brake kits

\* Tires are optional and not part of the standard kits

Contacts	Aircraft Make/ Model	Wheel/Brake package P/N	Brake controls (included)	Nose/Tailwheel P/N (optional)	Wheel colour	Landing Gear (optional)	Accessories (order separately)	Notes
Webshop	Fournier/ RF3	SRF01 <i>Ultralight</i> Wheel 4.00-6" *tire 4.00-6" Caliper/disc/pads Axle	1x master cylinder Reservoir Parking brake Limiter Brake lines/fittings		standard red or black color   		- SensAIR® 	<a href="#">Kit non certified</a>
BERINGER Aero Technologie								
AmOiler® Patents	Fournier/ RF3-RF4	SRF03 <i>Certified type</i> Wheel 5.00-5" *tire 5.00-5" Caliper/disc/pads Axle	1x master cylinder Reservoir Parking brake Limiter Brake lines/fittings		other colors option       		- SensAIR® 	<a href="#">Kit available only from Air Projet FR</a>
History/Values								
Wheels/Brakes	Fournier/ RF5	SRF04 Wheel 5.00-5" *tires 380x150-5" Caliper/disc/pads Axle	1x master cylinder Reservoir Parking brake Limiter Brake lines/fittings				- SensAIR® 	<a href="#">Kit non certified</a>
Nose-Tailwheels								
SensAIR®	Fournier/ RF9	SRF05 Wheel 4.00-5" *tires 11x4.00-5" Caliper/disc/pads Axle	1x master cylinder Reservoir Limiter Brake lines/fittings				- SensAIR® - Parking brake 	<a href="#">Kit non certified</a>
Tires								
Wheel Axles								
Landing Gears ALG/B' Flex Shock Wheel								
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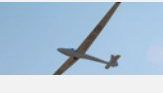




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Aircraft Make/ Model	Wheel/Brake package P/N	Brake controls (included)	Nose/Tailwheel P/N (optional)	Wheel colour	Landing Gear (optional)	Accessories (order separately)	Notes
<b>Freccia / Sparviero</b> 	<b>SPRO01</b> Wheels 4.00-6" *tires 15x6.00-6" Calipers/discs/pads Axles Wheel caps	2x master cylinders Reservoirs ALIR Regulator Brake lines/fittings		standard red or black color  		- SensAIR® - Co-pilot brakes 	
<b>G1 Aviation / G1 SPYL</b> 	<b>SGA01</b> Wheels 6.00-6" *tires 15x6.00-6" Calipers/discs/pads Axles Wheel caps	1x master cylinder Reservoir Parking brake Limiter Brake lines/fittings	<b>SGA01A</b> <i>(large fork)</i> Wheel 4.00-6" *tire 15x6.00-6" Axle <b>SGA02A</b> <i>(narrow fork)</i> Wheel 4.00-6" * tire 6.00-6" - Axle	other colors option       	-Shock Wheel -B'FleX LG 	- SensAIR® - Co-pilot brake - 8" wheels for DURO 21" /27.5" Aero Classic tires 	
<b>GAZ'Aile</b> 	<b>SGZ01</b> Wheels 4.00-5" *tires 11x4.00-5" Calipers/discs/pads Axles Wheel caps	1x master cylinder Reservoir Parking brake Limiter Brake lines/fittings	<b>SGZ01A</b> Wheel 3.50-4" *tire 4.00-4" - Axle or <b>AV-GAZA-030</b> <i>Fork 3.94" 100mm</i> Wheel 3.50-4" *tire 4.00-4" - Axle or <b>AV-GAZA-031</b> Wheel 4.00-5" *tire 11x4.00-5" Axle	    	Ask us, options available	- SensAIR® - Co-pilot brakes 	4" and 6" wheels also available
<b>Genevation / Genev 01</b> 	<b>SGE01</b> Wheels 5.00-5" *tires 5.00-5" Calipers/discs/pads Axles Wheel caps	2x master cylinders Reservoirs ALIR Regulator Brake lines/fittings				- SensAIR® - Co-pilot brakes - Parking brake 	
















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Contacts	Aircraft Make/ Model	Wheel/Brake package P/N	Brake controls (included)	Nose/Tailwheel P/N (optional)	Wheel colour	Landing Gear (optional)	Accessories (order separately)	Notes
Webshop	<b>Glasair Aviation / Glasair III RLG</b>  	<b>SGL02</b> Wheels 5.00-5" *tires 5.00-5" Calipers/discs/pads Axles	2x master cylinders Reservoirs ALIR Regulator Brake lines/fittings	<b>SGL01A</b> Wheel 4.00-5" *tire 11x4.00-5" Axle	standard red or black color   		- SensAIR® - Co-pilot brakes  	Non certified kit
BERINGER Aero Technologie								
AMOT® Patents	<b>Glasair Aviation / Sportsman</b>  	<b>SGL03</b> Wheels 6.00-6" *tires 6.00-6" Calipers/discs/pads Axles	2x master cylinders Reservoirs ALIR Regulator Brake lines/fittings		     		- SensAIR®  	Non certified kit
History/Values								
Wheels/Brakes	<b>Glasflügel/ Libelle H201</b>  	<b>SHP01</b> Wheel 4.00-5" *tire 11x4.00-5" Caliper/disc/pads Axle	1x master cylinder Reservoir Parking brake Limiter Brake lines/fittings				-SensAIR®  	<u>Kit non certi- fied</u>
Nose-Tailwheels								
SensAIR®	<b>Henri Nicollier Menestrel</b>  	<b>SMES01</b> Wheels 4.00-6" *tires 15x6.00-6" Calipers/discs/pads Axles Wheel caps	2x master cylinders Reservoirs ALIR Regulator Brake lines/fittings	<b>AV-MENES-630</b> <i>(GLR tailwheel)</i> Wheel 3.50-4" *tire 2.80/2.50-4" Tailwheel support Levier to lock/ unlock			-SensAIR® -Parking brake -Rudd'AIR pedals  	






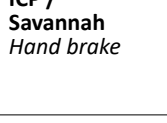










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Aircraft Make/ Model	Wheel/Brake package P/N	Brake controls (included)	Nose/Tailwheel P/N (optional)	Wheel colour	Landing Gear (optional)	Accessories (order separately)	Notes
<b>HPH/ HPH 304S</b> 	<b>SHPO1</b> Wheel 5.00-5" *tire 5.00-5" Caliper/disc/pads Axle	1x master cylinder Reservoir Limiter Brake lines/fittings		Standard red or black color  		-SensAIR® 	
<b>Humbert Aviation / Tetras</b> 	<b>STE01</b> Wheels 6.00-6" *tires 15x6.00-6" Calipers/discs/pads Axles - Wheel caps	1x master cylinder Reservoir Parking brake Limiter Brake lines/fittings	<b>AV-HUM-030</b> Wheel 3.50-4 Axle Tire : ask us	other colors option      	-Shock Wheel 	-SensAIR® -Parking brake -Co-pilot brake -Differential brakes on rudder in addition, hand actuated 	- 8" wheels for DURO 21" and 27.5" tires also available -Datum skis mounting : order <b>STE02</b> kit with special axles
<b>Tetras new LG</b>	<b>STE03</b> Wheels 6.00-6" *tires 15x6.00-6" Calipers/discs/pads Axles - Wheel caps						
<b>Ibis Aircraft / Ibis</b> 			<b>AV-IBIS-030</b> Wheel 4.00-6" * tire 15x6.00-6" Axle			-SensAIR® 	

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\* Tires are optional and not part of the standard kits

Contacts	Aircraft Make/ Model	Wheel/Brake package P/N	Brake controls (included)	Nose/Tailwheel P/N (optional)	Wheel colour	Landing Gear (optional)	Accessories (order separately)	Notes
Webshop	<b>ICP / Savannah</b> <i>Rudder brakes</i> 	<b>SSV01 Tires &lt;26"</b> Wheels 6.00-6" *tires 15x6.00-6" Calipers/discs/pads Axles Wheel caps	2x master cylinders Reservoirs ALIR Regulator Brake lines/fittings	<b>SSV01A</b> <i>(fork 210mm)</i> or <b>SSV02A</b> <i>(fork 156mm)</i> or <b>AV-SVNA-032</b> <i>(fork 146mm)</i> Wheel 4.00-6" -Axle *tire 15x6.00-6" or 4.00-6"	standard red or black color  other colors option 	-Shock Wheel -B'Flex LG 	-SensAIR® -Co-pilot brakes -Parking brake 	-8" wheels for different tires avail- able (same axle) only for Twin
History/ Values Wheels/Brakes Nose-Tailwheels SensAIR® Tires Wheel Axles Landing Gears ALG/B'Flex Shock Wheel Hoses/Fittings Brake Controls Rudd'Air Pedals Regulators Anti-skid Parking Valves Spare Parts Tools FAQs Certified kits/STCs Exp. Kits They trust us								
	<b>ICP / Savannah</b> <i>Hand brake</i> 	<b>SSV02 Tires &lt;26"</b> Wheels 6.00-6" *tires 15x6.00-6" Calipers/discs/pads Axles - Wheel caps	1x master cylinder Reservoir Parking brake Limiter Brake lines/fittings	<b>SSV01A</b> <i>(fork 210mm)</i> Wheel 4.00-6" *tire 15x6.00-6" Axle	  	-Shock Wheel -B'Flex LG 	-SensAIR® -Yankee Levier 	
	<b>ICP / Savannah</b> <i>DUAL Rudder brakes</i> 	<b>SSV03 Tires &gt;26"</b> Wheels 6.00-6" *tires 15x6.00-6" <b>Etriers DUAL/discs/pads</b> Axles - Wheel caps	2x master cylinders Reservoirs ALIR Regulator Brake lines/fittings	<b>SSV01A</b> <i>(fork 210mm)</i> Wheel 4.00-6" *tire 15x6.00-6" Axle		-SensAIR® -Co-pilot brakes -Parking brake 		
	<b>ICP / Ventura VLA</b> 	<b>SSV05</b> Wheels 6.00-6" *tires 6.00-6" Calipers/discs/pads Axles Wheel caps	2x master cylinders Reservoirs ALIR Regulator Brake lines/fittings	<b>SSV01A 6" Wheel</b> Wheel 4.00-6" *tire 15x6.00-6" Axle or <b>AV-SVNA-430</b> 5" Wheel 5.00-5" *tire 5.00-5" - Axle		-SensAIR® -Co-pilot brakes -Parking brake 		



## Experimental/Non Certified wheel/brake kits

\* Tires are optional and not part of the standard kits

Aircraft Make/ Model	Wheel/Brake package P/N	Brake controls (included)	Nose/Tailwheel P/N (optional)	Wheel colour	Landing Gear (optional)	Accessories (order separately)	Notes
<b>Jabiru Aircraft/ Jabiru 170</b> 	<b>SJU03</b> Wheels 4.00-6" *tires 4.00-6" Calipers/discs/pads Axles - Wheel caps	1x master cylinder Reservoir Parking brake Limiter Brake lines/fittings		standard red or black color  		-SensAIR® 	
<b>Jabiru Aircraft/ Jabiru 400/430</b> 	<b>SJU01 5" Wheels</b> Wheels 5.00-5" *tires 5.00-5" Calipers/discs/pads Axles - Wheel caps	1x master cylinder Reservoir Parking brake Limiter Brake lines/fittings		other colors option    		-SensAIR® 	
	<b>SJU05 6" Wheels</b> Wheels 6.00-6" *tires 6.00-6" Calipers/discs/pads Axles - Wheel caps	1x master cylinder Reservoir Parking brake Limiter Brake lines/fittings		 		-SensAIR® 	LG leg must be drilled for a fifth hole



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AvioPat Patents

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Wheels/Brakes

Nose-Tailwheels

SensAIR®

Tires

Wheel Axles

Landing Gears  
ALG/B'Flex  
Shock Wheel

Hoses/Fittings

Brake Controls  
Rudd'Air Pedals

Regulators  
Anti-skid

Parking Valves

Spare Parts

Tools

FAQs















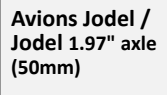




Certified kits/STCS

Exp. Kits

They trust us


















## Experimental/Non Certified wheel/brake kits

\* Tires are optional and not part of the standard kits

Contacts	Aircraft Make/ Model	Wheel/Brake package P/N	Brake controls (included)	Nose/Tailwheel P/N (optional)	Wheel colour	Landing Gear (optional)	Accessories (order separately)	Notes
Webshop	<b>JC Léger / Pataplume</b> 	<b>SPA01</b> Wheels 4.00-6" *tires 6.00-6" Calipers/discs/pads Axles Wheel caps	Contact us		standard red or black color 		-SensAIR® -Parking brake 	
BERINGER Aero Technologie								
Amolite Patents	<b>JMB Aircraft / VL3</b> 	<b>SVK01</b> Wheels 4.00-6" *tires 6.00-6" Calipers/discs/pads Axles Wheel caps	2x master cylinders Reservoirs ALIR Regulator Brake lines/fittings	<b>SVK01A</b> <i>(fork 210mm)</i> Wheel 3.50-4 *tire 4.00-4 Axle	other colors option  	- Shock Wheel - SPEED'AIR fairings 	-SensAIR® -Co-pilot brakes -Parking brake 	
History/Values								
Wheels/Brakes	<b>Avions Jodel / D20 ULM</b> 	<b>SJD01</b> Wheels 4.00-5" *tires 5.00-5" Calipers/discs/pads Axles Wheel caps	2x master cylinders Reservoirs ALIR Regulator Brake lines/fittings 	<b>TW-001</b> <i>(GLR tailwheel)</i> Wheel 3.50-4" *tire 2.80/2.50-4" Tailwheel support Levier to lock/ unlock	  		-SensAIR® -Co-pilot brakes -Parking brake 	-The wheel axle fitting requires to weld a T1 bracket -GLR TW may need some modi- fication
Nose-Tailwheels								
SensAIR®	<b>Avions Jodel / Jodel 1.97" axle (50mm)</b> 	<b>SJD03 6" wheels without fairings</b> <b>SJD05 6" wheels with fairings</b> Wheels 6.00-6" - *tires 6.00-6" Calipers/discs/pads Axles/spacers to weld Brake controls : ask us		<b>TW-001</b> <i>(GLR tailwheel)</i> <u>Ask us, options available</u>	 		-SensAIR® -Datum skis mounting special parts 	
Tires								
Wheel Axles		<b>SJD04 5" wheels with fairings</b> Wheels 5.00-5" - *tires 5.00-5" Calipers/discs/pads Axles/spacers to weld Brake controls : ask us					-SensAIR® 	
Landing Gears ALG/B'FLEX Shock Wheel								
Hoses/Fittings								
Brake Controls Rudd'Air Pedals								
Regulators Anti-skid								
Parking Valves								
Spare Parts								
Tools								
FAQs								
Certified kits/STCs								
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Aircraft Make/ Model	Wheel/Brake package P/N	Brake controls (included)	Nose/Tailwheel P/N (optional)	Wheel colour	Landing Gear (optional)	Accessories (order separately)	Notes
Avions Jodel / D112	<b>SJD06</b> Wheels 4.00-6" - *tires 4.00-6" Calipers/discs/pads Axles	Brake controls/ Reservoirs/PKG : ask us	<b>TW-001</b> (GLR tailwheel) Ask us, options available	standard red or black color 		-SensAIR® 	
Avions Jodel / D140 Mousquetaire 	<b>SJD02</b> Wheels 6.00-6" - *tires on demand Calipers/discs/pads Axle parts to weld	2x master cylinders Reservoirs ALIR Regulator Brake lines/fittings	<b>TW-001</b> (GLR tailwheel) Ask us, options available	 other colors option 		-SensAIR® -Parking brake  	Other Jodel types : ask us
Joker / J300 	<b>SJO01</b> Wheels 6.00-6" *tires 15x6.00-6" Calipers/discs/pads Axles Wheel caps	1x master cylinder Reservoir Parking brake Limiter Brake lines/fittings	<b>TW-001</b> (GLR tailwheel) Wheel 3.50-4" *tire 2.80/2.50-4" Tailwheel support Lever to lock/ unlock	  	-ALG L. gear + fuselage kit 	-SensAIR® -Co-pilot brake 	-installing the GLR TW may require some modifi- cation
Jonker / JS1 	<b>JON02</b> Wheel 5.00-5" *tire 5.00-5" Caliper/disc/pads Axle <b>JON03</b> Wheel 5.00-5" *tire 5.00-5" Caliper/disc/pads Axle	Limiter Brake lines/fittings  Brake on the control stick (for disabled pilot)		 		-SensAIR® 	














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## Experimental/Non Certified wheel/brake kits

\* Tires are optional and not part of the standard kits

Contacts	Aircraft Make/ Model	Wheel/Brake package P/N	Brake controls (included)	Nose/Tailwheel P/N (optional)	Wheel colour	Landing Gear (optional)	Accessories (order separately)	Notes
Webshop	<b>Just Aircraft / Highlander</b> 	<b>SSJ01 (OEM LG) SSJ02 (ALG LG)</b> Wheels 6.00-6" Calipers/discs/pads - Freins DUAL when tires >29" Axles Wheel caps	4x master cylinders Reservoirs ALIR Regulator Brake lines/fittings		red or black color   other colors option	-ALG L. gear 	-SensAIR® -Parking brake 	8" wheel option for DURO 21" /27.5"  Co-pilot brakes included
History/Values Wheels/Brakes Nose-Tailwheels								
SensAIR®	<b>Just Aircraft / Superstol XL</b> 	<b>SSJ01</b> Wheels 6.00-6" Etriers DUAL Brake discs/pads Axles Wheel caps	4x master cylinders Reservoirs ALIR Regulator Brake lines/fittings		other colors option      		-SensAIR® -Parking brake 	Co-pilot brakes included
Tires								
Wheel Axles Landing Gears ALG/B' Flex Shock Wheel								
Hoses/Fittings		<b>SSJ03</b> Wheels 7.00-8" Etriers DUAL Brake discs/pads Axles Wheel caps	4x master cylinders Reservoirs ALIR Regulator Brake lines/fittings				-SensAIR® -Parking brake 	Co-pilot brakes included
Brake Controls Rudd'Air Pedals								
Regulators Anti-skid								
Parking Valves								
Spare Parts								
Tools								
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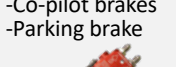





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Aircraft Make/ Model	Wheel/Brake package P/N	Brake controls (included)	Nose/Tailwheel P/N (optional)	Wheel colour	Landing Gear (optional)	Accessories (order separately)	Notes
<b>Kitfox Aircraft / Kitfox Shock Monster</b> 	<b>SKT01</b> Wheels 6.00-6" Calipers/discs/pads Axles Wheel caps	4x master cylinders Reservoirs Brake lines/fittings	<b>TW-001</b> <i>(GLR tailwheel)</i> Wheel 3.50-4" *tire 2.80/2.50-4" Tailwheel support Lever to lock/ unlock	  other colors option		-SensAIR® -Parking brake 	-Installing the GLR TW may require some modification
	<b>SKT04</b> Wheels 8.00-6" Calipers/discs/pads Axles Wheel caps	4x master cylinders Reservoirs Brake lines/fittings					
<b>Kitfox Aircraft / Kitfox Leaf gear</b>	<b>SKT02</b> Wheels 6.00-6" Calipers/discs/pads Axles Wheel caps	4x master cylinders Reservoirs Brake lines/fittings	<b>TW-001</b> <i>(GLR tailwheel)</i> Wheel 3.50-4" *tire 2.80/2.50-4" Tailwheel support Lever to lock/ unlock	     	-Shock Wheel 	-SensAIR® -Parking brake 	-Installing the GLR TW may require some modification
	<b>SKT03</b> Wheels 4.00-6" Calipers/discs/pads Axles Wheel caps	2x master cylinders Reservoirs Brake lines/fittings					-Brake master cylinders must be validated
	<b>SKT06</b> Wheels 8.00-6" Calipers/discs/pads Axles Wheel caps	4x master cylinders Reservoirs Brake lines/fittings					-Installing the GLR TW may require some modification
<b>Kitfox Aircraft / Kitfox 7SS</b>	<b>SKT05</b> Wheels 4.00-5" *tires 11x4.00-5" Calipers/discs/pads Axles Wheel caps	2x master cylinders Reservoirs ALIR regulator Brake lines/fittings	<b>AV-KIT-730</b> Wheel 3.50-4" Axle Fork dimension must be validated			-SensAIR® -Parking brake 	-Brake master cylinders must be validated






















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## Experimental/Non Certified wheel/brake kits

\* Tires are optional and not part of the standard kits

Contacts	Aircraft Make/ Model	Wheel/Brake package P/N	Brake controls (included)	Nose/Tailwheel P/N (optional)	Wheel colour	Landing Gear (optional)	Accessories (order separately)	Notes
Webshop	<b>Lambert/ Mission 106</b> 	<b>SLA04</b> Wheels 6.00-6" *tires 22x8.50-6" Calipers/discs/pads Axles Wheel caps	2x master cylinders Reservoirs ALIR regulator Brake lines/fittings		standard red or black color 		-SensAIR® -Parking brake -Co-pilot brakes 	
BERINGER Aero Technologie								
Amotif® Patents	<b>Lancair / Lancair 320/360 RLG</b> 	<b>SLC02</b> Wheels 4.00-5" *tires 11x4.00-5" Calipers/discs/pads Axles - Wheel caps	2x master cylinders Reservoirs ALIR regulator Brake lines/fittings	<b>SLC01A</b> Wheel 4.00.5" *tire 11x4.00-5" Axle/special parts	other colors option 		-SensAIR® -Co-pilot brakes -Parking brake 	Earliest types, please contact us
History/Values								
Wheels/Brakes		<b>SLC08</b> Wheels 5.00-5" *tires 5.00-5" Calipers/discs/pads Axles - Wheel caps	2x master cylinders Reservoirs ALIR regulator Brake lines/fittings	<b>SLC01A</b> Wheel 4.00.5" *tire 11x4.00-5" Axle/special parts				
Nose-Tailwheels								
SensAIR®	<b>Lancair / Lancair Legacy Barracuda</b> 	<b>SLC01</b> Wheels 5.00-5" *tires 5.00-5" Calipers/discs/pads Axles - Wheel caps	2x master cylinders Reservoirs ALIR regulator Brake lines/fittings	<b>SLC01A</b> Wheel 5.00.5" *tire 5.00-5" Axle/special parts			-SensAIR® -Co-pilot brakes -Parking brake 	Nose wheel fork 5.5" (139.7mm)
Tires								
Wheel Axles	<b>Lancair / Lancair IV</b> 	<b>SLC06</b> Wheels 6.00-6" *tires 6.00-6" Calipers/discs/pads Axles - Wheel caps	2x master cylinders Reservoirs ALIR regulator Brake lines/fittings	<b>SLC06A</b> Wheel 5.00.5" *tire 5.00-5" Axle/special parts			-SensAIR® -Co-pilot brakes -Parking brake 	Nose wheel fork 5.5" (139.7mm)
Landing Gears ALG/B' Flex Shock Wheel								
Hoses/Fittings	<b>Lancair / Calima T90</b> 			<b>AV-LANC-430</b> Wheel 4.00.5" Axle			-SensAIR® 	
Brake Controls Rudd'Air Pedals								
Regulators Anti-skid								
Parking Valves								
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Aircraft Make/ Model	Wheel/Brake package P/N	Brake controls (included)	Nose/Tailwheel P/N (optional)	Wheel colour	Landing Gear (optional)	Accessories (order separately)	Notes
<b>Lockwood / Aircam</b> 	<b>SARC01</b> Wheel 6.00-6" Calipers/discs/pads Axles	2x master cylinders Reservoirs ALIR Regulator Brake lines/fittings		standard red or black color  		-SensAIR® 	
<b>M&amp;M / Swift S1</b> 	<b>SWI02</b> Wheel 4.00-5" *tire 336x115-5" Caliper/disc/pads Axle - Wheel caps	1x lever+master cylinder Reservoir Limiter Brake lines/fittings		other colors option      		-SensAIR® 	Non certified kit
<b>Magni Gyro / M16-22 M24</b> 	<b>SMG01 M16-22</b> <b>SMG04 M24</b> Wheels 4.00-6" *tires 4.00-6" Calipers/discs/pads Axles - Wheel caps	1x lever+master cylinder Reservoir Brake lines/fittings	<b>SMG01A fork</b> 123mm <b>SMG02A fork</b> 143mm Wheel 3.50-4" *tire 4.00-4" Axle	    	-Shock Wheel -SPEED'AIR fairings 	-SensAIR® -Limiter -6" Reinforced tire wheel kit <b>SMG03 M16-22</b> <b>SMG06 M24</b>	When Shock Wheel installed, Nose wheel kit must be <b>SMG03</b> and the wheel fairings must be cut (template delivered)
<b>M16-22 Tundra M24 Tundra</b>	<b>SMG02 M16-22</b> <b>SMG05 M24</b> Wheels 4.00-6" *tires 6.00-6" Calipers/discs/pads Axles - Wheel caps	1x lever+master cylinder Reservoir Brake lines/fittings	<b>SMG03A</b> Wheel 4.00-6" *tire 4.00-6" Axle			-SensAIR® -Limiter 	

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## Experimental/Non Certified wheel/brake kits

\* Tires are optional and not part of the standard kits

Contacts	Aircraft Make/ Model	Wheel/Brake package P/N	Brake controls (included)	Nose/Tailwheel P/N (optional)	Wheel colour	Landing Gear (optional)	Accessories (order separately)	Notes
Webshop	<b>Marcel Jurca Aviation / Sirocco MJ5</b> 	<b>SSI01</b> Wheels 6.00-6" *tires 15x6.00-6" Calipers/discs/pads Axles+support to weld	2x master cylinders Reservoirs ALIR Regulator Brake lines/fittings		standard red or black color 		-SensAIR® 	
History/ Values								
Wheels/Brakes	<b>Max Plan/ Busard MP207</b> 	<b>SBU01</b> Wheels 5.00-5" *tires 336x115-5" Calipers/discs/pads Axles	2x master cylinders Reservoirs ALIR Regulator Brake lines/fittings		 other colors option	-Shock Wheel -SPEED'AIR fairings	-SensAIR® -Parking brake 	
Nose-Tailwheels								
SensAIR®	<b>Mudry / Cap 231</b> 	<b>SMU03</b> Wheels 5.00-5" *tires 5.00-5" Calipers/discs/pads Axles Wheel caps	2x master cylinders Reservoirs ALIR Regulator Brake lines/fittings		 		-SensAIR® -Co-pilot brakes 	
Tires								
Wheel Axles	<b>Murphy / Rebel Maverick</b> 	<b>SMU01 SMU 02</b> Wheels 6.00-6" Calipers/discs/pads Axles - Wheel caps	Ask us, options available		  	ALG landing gear 	-SensAIR® 	
Landing Gears ALG/B'Flex Shock Wheel								
Hoses/Fittings	<b>MX Aircraft / MXS</b> 	<b>SMX01</b> Wheels 5.00-5" *tires 5.00-5" Calipers/discs/pads Axles Wheel caps	2x master cylinders Reservoirs Brake lines/fittings				-SensAIR® -Parking brake 	
Brake Controls Rudd'Air Pedals								
Regulators Anti-skid								
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Aircraft Make/ Model	Wheel/Brake package P/N	Brake controls (included)	Nose/Tailwheel P/N (optional)	Wheel colour	Landing Gear (optional)	Accessories (order separately)	Notes
<b>Nando Gropo Trail /G70</b> 	<b>SNG01</b> Wheels 6.00-6" *tires 15x6.00-6" Calipers/discs/pads Axles Wheel caps	2x master cylinders Reservoirs ALIR Regulator Brake lines/fittings	<b>TW-001</b> <i>(GLR tailwheel)</i> Wheel 3.50-4" *tire 2.80/2.50-4" Tailwheel support Levier to lock/ unlock	standard red or black color   other colors option	-Shock Wheel - ALG L. gear + fuselage kit 	-SensAIR® -Parking brake 	-Bigger main wheel tires are available. In that case, the GLR tailwheel kit must be <b>AV-GROP-630</b> (4.00-4" tire) -> Leaf must be changed and some adaptation is required
	<b>SNG03</b> Wheels 6.00-8" *tires DURO 21" or 27.5" Calipers/discs/pads Axles Wheel caps	2x master cylinders Reservoirs ALIR Regulator Brake lines/fittings	<b>AV-GROP-620</b> <i>(GLR tailwheel)</i> Wheel 3.50-4" *tire 2.80/2.50-4" Tailwheel support Levier to lock/ unlock	     			
<b>Neukom / Elfe S4</b> 	<b>5" wheel kit</b> Wheel 5.00-5" *tire 380x150-5" Caliper/disc/pads Special parts axle	1x master cylinder Reservoir Brake lines/fittings				-SensAIR® 	
<b>Norécrin / Nord 1200/1201 1202/1203</b> 	<b>SNR01</b> Wheels 6.00-6" *tires 6.00-6" Calipers/discs/pads Axles Wheel caps 	2x master cylinders Reservoirs ALIR Regulator Brake lines/fittings	<b>AV-NORD-030</b> Wheel 5.00-5" *tire 5.00-5" Axle			-SensAIR® -Parking brake 	Non certified kit
















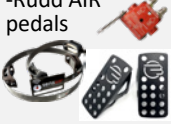


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## Experimental/Non Certified wheel/brake kits

\* Tires are optional and not part of the standard kits

Contacts	Aircraft Make/ Model	Wheel/Brake package P/N	Brake controls (included)	Nose/Tailwheel P/N (optional)	Wheel colour	Landing Gear (optional)	Accessories (order separately)	Notes
Webshop	<b>Norman Aviation / Karatoo</b> 	<b>SKA01</b> Wheels 6.00-6" *tires 15x6.00-6" Calipers/discs/pads Axles Wheel caps	2x master cylinders Reservoirs ALIR Regulator Brake lines/fittings		standard red or black color  		-SensAIR® -Co-pilot brakes -Parking brake 	
History/ Values								
Wheels/Brakes	<b>Pietenpol</b> 	<b>2x AV-PIET-020</b> - 5.00-5" vintage spoke wheels - *tires 3.50-19" vintage style/tubes Calipers/discs/pads Axles on demand Wheel caps	Optional : 2x master cylinders Reservoirs ALIR Regulator Brake lines/fittings		other colors option 			Aluminum wheel / stainless steel spokes
Nose-Tailwheels								
SensAIR®	<b>Pipistrel / Alpha Trainer Velis Electro</b> 	<b>SPP02</b> Wheels 4.00-6" *tires 4.00-6" Calipers/discs/pads Axles Wheel caps	1x master cylinder Levier Reservoir Limiter Brake lines/fittings	<b>SPP01A</b> Wheel 3.50-4" *tire 4.00-4" Axle	 	-Shock Wheel -SPEED'AIR fairings 	-SensAIR® -Parking brake 	
Tires								
Wheel Axles	<b>Pipistrel / Sinus-Virus</b> 	<b>SPP01</b> Wheels 4.00-6" *tires 4.00-6" Calipers/discs/pads Axles Wheel caps	2x master cylinders Reservoirs ALIR Regulator Brake lines/fittings	<b>SPP01A</b> Wheel 3.50-4" * tire 4.00-4"- Axle or <b>AV-PIP-631</b> Fork 5.12"/130mm Wheel 3.50-4" * tire 4.00-4" - Axle or <b>AV-PIP-930</b> fork=4.45"/113mm Wheel 3.50-4" * tire 4.00-4" -Axle <b>Tailwheel kit</b> : JC-01 Wheel/tire 200x50 Special spacers	  	-SensAIR® -Co-pilot brakes -Parking brake 	Please give the dimension of the nose wheel fork	
Landing Gears ALG/B' Flex Shock Wheel								
Hoses/Fittings								
Brake Controls Rudd'Air Pedals								
Regulators Anti-skid								
Parking Valves								
Spare Parts								
Tools								
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\* Tires are optional and not part of the standard kits

Aircraft Make/ Model	Wheel/Brake package P/N	Brake controls (included)	Nose/Tailwheel P/N (optional)	Wheel colour	Landing Gear (optional)	Accessories (order separately)	Notes
<b>Pitts S1</b> 	<b>SPT02</b> Wheels 5.00-5" *tires 5.00-5" Calipers/discs/pads Axles - Wheel caps	2x master cylinders Reservoirs Brake lines/fittings		standard red or black color 		-SensAIR® -Parking brake -ALIR regulator 	
<b>Pitts S2 Kristen Eagle</b> 	<b>SPS01</b> Wheels 5.00-5" *tires 5.00-5" Calipers/discs/pads Axles - Wheel caps	2x master cylinders Reservoirs ALIR Regulator Brake lines/fittings		other colors option  		-SensAIR® -Parking brake -Co-pilot brakes 	
<b>Platzer / Kiebitz</b> 	<b>SKI01</b> Wheels 4.00-6" *tires 21x8.00-6" Calipers/discs/pads Axles - Wheel caps	1x master cylinder Reservoir Parking brake Limiter Brake lines/fittings		 		-SensAIR® -Co-pilot brake 	
<b>Quercy</b> 	<b>SQU01</b> Wheels 4.00-6" *tires 15.6.00-6" Calipers/discs/pads Axles - Wheel caps	2x master cylinders Reservoirs ALIR Regulator Brake lines/fittings	<b>AV-QUE-030</b> Wheel 3.50-4" *tire 4.00-4" Axle	  		-SensAIR® -Co-pilot brakes -Parking brake -Rudd' AIR pedals 	
<b>Rand Robinson KR2</b> 	<b>SKR01</b> Wheels 3.50-4" *tires 4.00-4" Calipers/discs/pads Axles - Wheel caps	Brake controls : ask us				-SensAIR® 	

















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## Experimental/Non Certified wheel/brake kits

\* Tires are optional and not part of the standard kits

Contacts	Aircraft Make/ Model	Wheel/Brake package P/N	Brake controls (included)	Nose/Tailwheel P/N (optional)	Wheel colour	Landing Gear (optional)	Accessories (order separately)	Notes	
Webshop	<b>Rans / Coyote S6</b> <i>Recent type</i> 	<b>SRA02</b> Wheels 6.00-6" Calipers/discs/pads Axles - Wheel caps	2x master cylinders Reservoirs Regulator Brake lines/fittings	<b>AV-RANS-030</b> <i>fork 3.87"/97.6mm</i> Wheel 4.00-6" * tire - Axle or <i>OEM axle</i> <i>screwed</i> <b>AV-RANS-031</b> <i>fork 6.14"/156mm</i> Wheel 4.00-6" * tire - Axle or <b>TW-002</b> <i>(GLR tailwheel)</i> Wheel 3.50-4" *tire 4.00-4" Tailwheel support Levier to lock/ unlock	standard red or black color   other colors option      	-Shock Wheel -SPEED'AIR fairings 	-SensAIR® -Co-pilot brakes <i>except S7</i> -Parking brake  	- GLR groundloop resistant tailwheel installation may require some modi- fications. - A GLR type with smaller wheel is also available with tire 2.80/2.50-4"	
History/Values		<b>SRA04 Freins DUAL</b> Wheels 6.00-6" Etriers DUAL Disques/Plaquettes Axles - Wheel caps	2x master cylinders Reservoirs Regulator Brake lines/fittings						
Wheels/Brakes		<b>SRA05 8" wheels</b> Wheels 7.00-8" Calipers/discs/pads Axles - Wheel caps	2x master cylinders Reservoirs Regulator Brake lines/fittings						
Nose-Tailwheels	<b>Rans / Coyote S6</b> <i>1st type</i>	<b>SRA01</b> <b>SRA06 axle 0.83"</b> Wheels 6.00-6" Calipers/discs/pads Axles - Wheel caps	2x master cylinders Reservoirs Regulator Brake lines/fittings				-SensAIR® -Co-pilot brakes -Parking brake		
SensAIR®		<b>Rans / S19</b> 	<b>SRA03</b> Wheels 5.00-5" *tires 5.00-5" Calipers/discs/pads Axles - Wheel caps	2x master cylinders Reservoirs Regulator Brake lines/fittings			-SensAIR® -Co-pilot brakes -Parking brake		
Tires	<b>Rans / S21</b> 	<b>SRA06</b> Wheels 6.00-6" *tires 6.00-6" Calipers/discs/pads Axles - Wheel caps	ask us Brake lines/fittings				-SensAIR® 		
Wheel Axles									
Landing Gears ALG/B'Flex Shock Wheel									
Hoses/Fittings									
Brake Controls Rudd'Air Pedals									
Regulators Anti-skid									
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Aircraft Make/ Model	Wheel/Brake package P/N	Brake controls (included)	Nose/Tailwheel P/N (optional)	Wheel colour	Landing Gear (optional)	Accessories (order separately)	Notes
<b>Roko Airplanes Roko NG4</b> 	<b>SMS01</b> Wheels 4.00-6" *tires 15.6.00-6" Calipers/discs/pads Axles Wheel caps	2x master cylinders Reservoirs ALIR Regulator Brake lines/fittings	Ask us, options available	standard red or black color  		-SensAIR® -Co-pilot brakes -Parking brake 	5" main wheels avai- lable
<b>Rotor Flight Dynamics / Dominator</b> 	<b>SDO02</b> Wheels 4.00-6" *tires 4.00-6" Calipers/discs/pads Axles	1x master cylinder Reservoir Parking brake Limiter Brake lines/fittings	Ask us, options available	other colors option  		-SensAIR® 	
<b>Rutan / Cozy Mark IV</b> 	<b>SLC05</b> Wheels 5.00-5" *tires 5.00-5" Calipers/discs/pads Axles Wheel caps	2x master cylinders Extenders Reservoirs ALIR Regulator Brake lines/fittings	<b>AV-COZ-030</b> Fork 5.12" Wheel 3.50-4" *tire 2.80/2.50-4" Axle	  		-SensAIR® -Co-pilot brakes -Parking brake 	
<b>Rutan / Dragon Fly</b> 	<b>SDF01</b> Wheels 5.00-5" *tires 5.00-5" Calipers/discs/pads Axles Wheel caps	2x master cylinders Reservoirs Brake lines/fittings	<b>SDR01A</b> Wheel 3.50-4" *tire 10x3.50-4" Axle			-SensAIR® -Co-pilot brakes -Parking brake -ALIR Regulator 	


















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## Experimental/Non Certified wheel/brake kits

\* Tires are optional and not part of the standard kits

Contacts	Aircraft Make/ Model	Wheel/Brake package P/N	Brake controls (included)	Nose/Tailwheel P/N (optional)	Wheel colour	Landing Gear (optional)	Accessories (order separately)	Notes
Webshop	<b>Rutan / Long'Ez</b> 	<b>SLE01</b> Wheels 5.00-5" *tires 5.00-5" Calipers/discs/pads Axles Wheel caps	2x master cylinders Reservoirs ALIR Regulator Brake lines/fittings	<b>SLE01A</b> Wheel 3.50-4" *tire 2.80/2.50-4" Axle	standard red or black color  		-SensAIR® -Co-pilot brakes -Parking brake 	
History/ Values Wheels/Brakes Nose-Tailwheels								
SensAIR®	<b>Rutan / VariEze</b> 	<b>SLE02</b> Wheels 4.00-5" *tires 11x4.00-5" Calipers/discs/pads Axles Wheel caps	2x master cylinders Reservoirs ALIR Regulator Brake lines/fittings	Ask us, options available	other colors option      		-SensAIR® -Co-pilot brakes -Parking brake 	
Tires Wheel Axles								
Landing Gears ALG/B'Flex Shock Wheel	<b>Schleicher / ASW17/ASW22</b> 	Wheel 5.00-5" *tire 5.00-5" Caliper/disc/pads Axle	1x master cylinder Reservoir Limiter Brake lines/fittings				-SensAIR® 	Wheel spacer to be made by yourself
Hoses/Fittings Brake Controls Rudd'Air Pedals Regulators Anti-skid Parking Valves								
Spare Parts	<b>Seamax / M22</b> 	<b>SSEA01</b> Wheels 4.00-5" *tires 11x4.00-5" Calipers/discs/pads Axles Wheel caps	2x master cylinders Reservoirs Brake lines/fittings				-SensAIR® -Parking brake 	Wheels have stainless steel bear- ings
Tools FAQs Certified kits/STCs Exp. Kits								


















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Aircraft Make/ Model	Wheel/Brake package P/N	Brake controls (included)	Nose/Tailwheel P/N (optional)	Wheel colour	Landing Gear (optional)	Accessories (order separately)	Notes
<b>Skyleader 150/200</b> 	<b>SSL01</b> Wheels 4.00-5" *tires 11x4.00-5" Calipers/discs/pads Axles - Wheel caps	1x master cylinder Reservoir Parking brake Limiter Brake lines/fittings	<b>SSL01A</b> Wheel 3.50-4" *tire 4.00-4" Axle 	standard red or black color  		-SensAIR® -Rudder co-pilot brakes 	SL400 : ask us
<b>SkyReach / Cheetah XLS</b> 	<b>SCX01</b> Wheels 4.00-6" *tires 4.00-6" Calipers/discs/pads Axles/Parts Wheel caps	1x master cylinder Reservoir Parking brake Limiter Brake lines/fittings	Ask us, options available	other colors option   		-SensAIR® -Co-pilot brake 	
<b>SpaceX / SD2</b> 	<b>SPAC01</b> Wheels 4.00-6" *tires 4.00-6" Calipers/discs/pads Axles Wheel caps	1x master cylinder Levier Reservoir Limiter Brake lines/fittings	<b>SPAC01A</b> Wheel 3.50-4" *tire 4.00-4" Axle	  		-SensAIR® -Parking brake 	
<b>Team Aircraft / Airbike</b> 	<b>SAB01 6" wheels</b> Wheels 4.00-6" Calipers/discs/pads Axles Wheel caps	1x master cylinder Reservoir Parking brake Limiter Brake lines/fittings				-SensAIR® 	
	<b>SAB02 5" wheels</b> Wheels 5.00-5" *tires 5.00-5" Calipers/discs/pads Axles Wheel caps	1x master cylinder Reservoir Parking brake Limiter Brake lines/fittings					

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## Experimental/Non Certified wheel/brake kits

\* Tires are optional and not part of the standard kits

<a href="#">Contacts</a> <a href="#">Webshop</a>	Aircraft Make/ Model	Wheel/Brake package P/N	Brake controls (included)	Nose/Tailwheel P/N (optional)	Wheel colour	Landing Gear (optional)	Accessories (order separately)
<a href="#">BERINGER Aero Technologie</a>	<b>Tecnam / P2002</b>	<b>STP05</b> Wheels 5.00-5" *tires 5.00-5" Calipers/discs/pads Axles Wheel caps	1x master cylinder Extender Reservoir Limiter Brake lines/fittings	<b>STP02A</b> Wheel 4.00-6" *tire 4.00-6" Axle	standard red or black color 		-SensAIR® 
<a href="#">AmOlie® Patents</a>							
<a href="#">History/ Values</a>							
<a href="#">Wheels/Brakes</a>							
<a href="#">Nose-Tailwheels</a>	<b>Tecnam / P2008</b>	<b>STP02</b> Wheels 5.00-5" *tires 5.00-5" Calipers/discs/pads Axles Wheel caps	1x master cylinder Brake lines/fittings	<b>STP02A</b> Wheel 4.00-6" - *tire 4.00-6"- Axle or <b>AV-TEC-231</b> fork 5.06" 128.5mm Wheel 4.00-6" - * tire 6.00-6" Axle or <b>AV-TEC-232</b> fork 5.41" 137.5mm Wheel 4.00-6" - *tire 4.00-6" Axle	 other colors option		-SensAIR® 
<a href="#">SensAIR®</a>							
<a href="#">Tires</a>							
<a href="#">Wheel Axles</a>							
<a href="#">Landing Gears ALG/B'Flex Shock Wheel</a>	<b>Tecnam / P92</b>	<b>STP01 school use</b> Wheels 5.00-5" *tires 5.00-5" Calipers/discs/pads Axles Wheel caps	1x master cylinder Reservoir Limiter Brake lines/fittings	<b>STP03A</b> Wheel 4.00-6" - *tire 4.00-6"- Axle or <b>AV-TEC-232</b> fork 5.41" 137.5mm Wheel 4.00-6" - *tire 4.00-6" -Axle or <b>AV-TEC-630</b> fork 5.41" 137.5mm Wheel 3.50-4" - *tire 4.00-4" -Axle	    	-Shock Wheel -SPEED'AIR fairings 	-SensAIR® 
<a href="#">Hoses/Fittings</a>							
<a href="#">Brake Controls Rudd'Air Pedals</a>							
<a href="#">Regulators Anti-skid</a>							
<a href="#">Parking Valves</a>							
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<a href="#">They trust us</a>							
<b>Tecnam / P96</b>	<b>STP04</b> Wheels 5.00-5" *tires 5.00-5" Calipers/discs/pads Axles Wheel caps	1x master cylinder Reservoir Limiter Brake lines/fittings	<b>STP04A</b> Wheel 5.00-5" - *tire 5.00-5"- Axle		-Shock Wheel -SPEED'AIR fairings 	-SensAIR® 	




















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Aircraft Make/ Model	Wheel/Brake package P/N	Brake controls (included)	Nose/Tailwheel P/N (optional)	Wheel colour	Landing Gear (optional)	Accessories (order separately)
<b>TL Ultralight / Condor TL-232</b> 	<b>SLC05</b> Wheels 6.00-6" *tires 6.00-6" Calipers/discs/pads Axles	1x master cylinder Reservoir Parking brake Limiter Brake lines/fittings		standard red or black color 		-SensAIR® 
<b>TL Ultralight / Sting Carbon</b> 	<b>SSC01</b> Wheels 4.00-5" *tires 11x4.00-5" Calipers/discs/pads Axles/Parts - Wheel caps	2x master cylinders Reservoirs ALIR Regulator Brake lines/fittings	<b>AV-STING-033</b> fork 5.16" 131mm 1x wheel 3.50-4" * tire 4.00-4" - Axle or <b>AV-STING-032</b> fork 5.71" 145mm Wheel 3.50-4" - Axle	other colors option 	Shock Wheel <i>dimensions                      and drawing                      of the spring                      leaves must                      be checked</i>	-SensAIR® -Co-pilot brakes -Parking brake 
	<b>SSC03</b> <b>SSC04 leaf gear 36mm</b> Wheels 4.00-6" *tires 4.00-6" Calipers/discs/pads Axles/Parts - Wheel caps	2x master cylinders Reservoirs ALIR Regulator Brake lines/fittings		     		
<b>Sting carbon</b> Leaf gear special drilling	<b>SSC05</b> Wheels 4.00-6" *tires 4.00-6" Calipers/discs/pads Axles - Wheel caps	2x master cylinders Reservoirs ALIR Regulator Brake lines/fittings	<b>AV-STING-031</b> 1x wheel 4.00-6" * tire 4.00-6" 1x axle			-SensAIR® -Co-pilot brakes -Parking brake
<b>Sting carbon</b> Leaf gear 31mm + fairings	<b>SSC06</b> Wheels 4.00-6" *tires 4.00-6" Calipers/discs/pads - Axles	2x master cylinders Reservoirs ALIR Regulator Brake lines/fittings	<b>AV-STING-031</b> 1x wheel 4.00-6" * tire 4.00-6" 1x axle			-SensAIR® -Co-pilot brakes -Parking brake
<b>TL3000-Sirius</b> 	<b>SSC07</b> Wheels 4.00-6" *tires 15x6.00-6" Calipers/discs/pads - Axles	2x master cylinders Reservoirs ALIR Regulator Brake lines/fittings	<b>AV-STING-031</b> 1x wheel 4.00-6" * tire 4.00-6" 1x axle			-SensAIR® -Co-pilot brakes -Parking brake

















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## Experimental/Non Certified wheel/brake kits

\* Tires are optional and not part of the standard kits

Contacts	Aircraft Make/ Model	Wheel/Brake package P/N	Brake controls (included)	Nose/Tailwheel P/N (optional)	Wheel colour	Landing Gear (optional)	Accessories (order separately)	Notes
Webshop	<b>TLAC / Sherwood Ranger</b>  	<b>SSH01</b> Wheels 4.00-6" *tires 21x8.00-6" Calipers/discs/pads Axles Wheel caps	1x master cylinder Reservoir Parking brake Limiter Brake lines/fittings		standard red or black color   		-SensAIR® -Co-pilot brake  	
History/Values								
Wheels/Brakes	<b>UAB / Lak 17B</b>  	<b>SLA02</b> Wheel 5.00-5" *tire 336x115x5" Caliper/disc/pads Axle	1x master cylinder Reservoir Limiter Brake lines/fittings		other colors option  		-SensAIR®  	
Nose-Tailwheels								
SensAIR®	<b>UAB / Mini Lak</b>  	<b>SLA03</b> Wheel 3.50-4" *tire 4.00-4" Caliper/disc/pads Axle	1x master cylinder Reservoir Limiter Brake lines/fittings		 		-SensAIR®  	
Tires								
Wheel Axles	<b>Ulbi/ Wild Thing</b>  	<b>SWT01</b> Wheels 6.00-6" *tires 15X6.00-6" Calipers/discs/pads Axles Wheel caps	1x master cylinder Reservoir Parking brake Limiter Brake lines/fittings	TW-002 GLR tailwheel Wheel 3.50-4" * tire 4.00-4" Tailwheel support Lever to lock/ unlock	  	ALG landing gear  	-SensAIR® -Co-pilot brakes  	Other tires available
Landing Gears ALG/B' Flex Shock Wheel								
Hoses/Fittings								
Brake Controls Rudd'Air Pedals								
Regulators Anti-skid								
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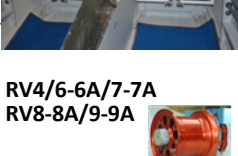






\* Tires are optional and not part of the standard kits

Aircraft Make/ Model	Wheel/Brake package P/N	Brake controls (included)	Nose/Tailwheel P/N (optional)	Wheel colour	Landing Gear (optional)	Accessories (order separately)	Notes
<b>Ultralight Concept / Stampe SV4</b>  	<b>STA01</b> Wheels 4.00-6" *tires 4.00-6" Calipers/discs/pads Axles Wheel caps	1x master cylinder Reservoir Parking brake Limiter Brake lines/fittings	<b>AV-STAMP-030</b> Wheel 200-500 *tire 200x50 (tire +tube) Special parts	standard red or black color   other colors option      	ALG landing gear   ALG landing gear (requires modification on the fuselage)	-SensAIR® -Co-pilot brake 	
	<b>STA03</b> Wheels 7.00-8" *tires 21" or 27.5" Calipers/discs/pads Axles Wheel caps	1x master cylinder Reservoir Parking brake Limiter Brake lines/fittings	GLR groundloop resistant TW : ask us				
	<b>STA04</b> Wheels 6.00-6" *tires 22x8.50-6" Calipers/discs/pads Axles Wheel caps	1x master cylinder Reservoir Parking brake Limiter Brake lines/fittings					
<b>Ultravia / Pelican</b> 	<b>SPE01</b> Wheels 6.00-6" Calipers/discs/pads Axles Wheel caps	2x master cylinders Reservoirs ALIR Regulator Brake lines/fittings				-SensAIR® -Co-pilot brakes -Parking brake 	Several types of tires available
<b>Urban Air / Samba XXL</b> 	<b>SBA01</b> Wheels 4.00-6" *tires 4.00-6" Calipers/discs/pads Axles Wheel caps	1x master cylinder Reservoir Parking brake Limiter Brake lines/fittings				-SensAIR® -Co-pilot brake 	














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## Experimental/Non Certified wheel/brake kits

\* Tires are optional and not part of the standard kits

Contacts	Aircraft Make/Model	Wheel/Brake package P/N	Brake controls (included)	Nose/Tailwheel P/N (optional)	Wheel colour
Webshop	<b>Van's /RV3</b> 	<b>SRVCO03</b> Wheels 5.00-5" *tires 11x4.00-5" Calipers/discs/pads Axles	2x master cylinders Brake lines/fittings		standard red or black color 
BERINGER Aero Technologie	<b>RV4/6/7/8/9/10/12/14</b> Including A types 	For a complete installation (with rudder pedal brakes), you must order a fuselage kit + a finish kit. The option included in each fuselage kit are described underneath. RV14 : ready to mount brake lines are also available.			
AeroTIP Patents		<b>Brake controls</b>			other colors option 
History/ Values		<b>SRVFO1 Fuselage kit</b> 2x master cylinders - Brake lines/fittings			
Wheels/Brakes		<b>SRVFO2 Fuselage kit + co-pilot brakes</b> 4x master cylinders - Brake lines/fittings			
Nose-Tailwheels		<b>SRVFO3 Fuselage kit + parking brake</b> 2x master cylinders - Parking brake - Brake lines/fittings			
SensAIR®	<b>RV4/6-6A/7-7A</b> <b>RV8-8A/9-9A</b> 	<b>Wheel/Brake package P/N</b>		<b>Nose/Tailwheel P/N (optional)</b> <b>SRV02A</b> Nose wheel 4.00-5" *tire 11x4.00-5" - Axle	
Tires	<b>RV8 Grove LG</b> 	<b>SRVFI02 Wheel/Brake finish kit</b> 2x wheels 5.00-5" - * tires 5.00-5" Calipers/discs/pads - Axles - Brake lines/fittings			
Wheel Axles		<b>SRVFI03 5" Wheel/Brake finish kit</b> 2x wheels 5.00-5" - * tires 5.00-5" Calipers/discs/pads - Axles - Brake lines/fittings			
Landing Gears ALG/B' Flex Shock Wheel		<b>SRVFI09 6" Wheel/Brake finish kit</b> 2x wheels 6.00-6" - * tires 6.00-6" Calipers/discs/pads - Axles - Brake lines/fittings			
Hoses/Fittings					
Brake Controls Rudd'Air Pedals					
Regulators Anti-skid					
Parking Valves					
Spare Parts					
Tools					
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Exp. Kits					
They trust us					





















\* Tires are optional and not part of the standard kits

Aircraft Make/Model	Wheel/Brake package P/N	Nose/Tailwheel P/N (optional)	Wheel colour
<p><b>Van's / RV10</b></p> 	<p><b>SRVFI05 Wheel/Brake finish kit</b> 2x wheels 6.00-6" - * tires 15x6.00-6" Calipers/discs/pads - Axles - Brake lines/fittings</p>	<p><b>SRVFI01</b> Nose wheel 5.00-5" *tire 5.00-5" - Axle</p>	<p>standard red or black color</p> 
<p><b>Van's / RV14A</b></p> 	<p><b>SRVFI06 5" Wheel/Brake finish kit</b> 2x wheels 5.00-5" - * tires 5.00-5" Calipers/discs/pads - Axles/parts - Brake lines/fittings</p> <p><b>SRVFI08 6" Wheel/Brake finish kit</b> 2x wheels 6.00-6" - * tires 6.00-6" Calipers/discs/pads - Axles - Brake lines/fittings</p>	<p><b>SRVFI01</b> Nose wheel 5.00-5" *tire 5.00-5" - Axle</p>	 <p>other colors option</p>
<p><b>Van's / RV14</b></p> 	<p><b>SRVFI04 5" Wheel/Brake finish kit</b> 2x wheels 5.00-5" - * tires 5.00-5" Calipers/discs/pads - Axles/parts - Brake lines/fittings</p> <p><b>SRVFI07 6" Wheel/Brake finish kit</b> 2x wheels 6.00-6" - * tires 6.00-6" Calipers/discs/pads - Axles - Brake lines/fittings</p>	<p><b>SRVFI01</b> Nose wheel 5.00-5" *tire 5.00-5" - Axle</p>	 
<b>Accessories (order separately)</b>			
<p><b>Van's / RV4/6/7/8/9/10/12/14</b> <i>Including A types</i></p>	<p>- <b>SRVFU06 Anti-lock ALIR regulator kit</b> : ALIR regulator - Spacer - Hydraulic (brake lines/fittings) - SensAIR®</p> 		 
<p><b>All types when finish kit does not mention it</b></p>	<p>- <b>SRVFU07 Parking brake kit</b> : Parking brake valve - Brake lines/fittings - SensAIR®</p> 		 

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## Experimental/Non Certified wheel/brake kits

\* Tires are optional and not part of the standard kits

Contacts	Aircraft Make/ Model	Wheel/Brake package P/N	Brake controls (included)	Nose/Tailwheel P/N (optional)	Wheel colour	Landing Gear (optional)	Accessories (order separately)	Notes
Webshop	<b>Velocity</b>			<b>AV-VEL-020</b> Fork 4.2" 106.68mm Wheel 4.00-5" *tire 11x4.00-5"-Axle	standard red or black		-SensAIR® 	
BERINGER Aero Technologie					 			
Amotiv® Patents	<b>Velocity XL</b>			<b>SVE01A</b> Fork 5.77" 146.5mm Wheel 5.00-5" *tire 5.00-5"-Axle				
History/ Values								
Wheels/Brakes								
Nose-Tailwheels								
SensAIR®	<b>Zenith Aircraft/ CH601</b>	<b>SZH05 or SZH08</b> Wheels 4.00-6" *tires 15x6.00-6" Calipers/discs/pads Axles/parts Wheel caps	1x Yankee master cylinder (reservoir /parking brake) Limiter Brake lines/fittings	<b>SZH06A</b> Wheel 6.00-6" *tire 4.00-6" - Axle or <b>AV-ZENI-630 Tail-</b> <i>dragger</i> GLR groun- loop resistant TW	other colors option 	-Shock Wheel -SPEED'AIR fairings 	-SensAIR® -Pedal brakes (to be checked depending on the airplane type) 	Yankee master cylinder 
Tires								
Wheel Axles								
Landing Gears ALG/B'Flex Shock Wheel	<b>Zenith Aircraft/ 601UL 601XL</b>	Please contact us anyway. There are several possibilities depending on the type of gear, the fork ...		<b>AV-ZENI-630</b> <i>Taildragger</i> GLR grounloop resis- tant TW	    			
Hoses/Fittings								
Brake Controls Rudd'Air Pedals	<b>Zenith Aircraft/ CH650B-EI</b>	<b>SZH06</b> Wheels 4.00-6" *tires 15x6.00-6" Calipers/discs/pads Axles/parts Wheel caps	1x Yankee master cylinder (reservoir /parking brake) Limiter Brake lines/fittings	<b>AV-ZENI-130</b> Fork 5.12" 130mm Wheel 4.00-6" *tire 15X6.00-6" Axle				
Regulators Anti-skid								
Parking Valves								
Spare Parts	<b>Zenith Aircraft/ 701</b>	<b>SZH07</b> Wheels 4.00-6" *tires 4.00-6" Calipers/discs/pads Axles/parts - Caps		<b>SZH07A</b> Wheel 6.00-6" *tire 6.00-6" Axle		-Shock Wheel -B'Flex 	-SensAIR® -Pedal brakes 	Ask us up front to check the dimen- sions of the original leaf gear and the front fork. Bush tire are available on the mains
Tools								
FAQs								
Certified kits/STCs	<b>Zenith Aircraft/ 750 Stol Cruiser HD</b>	<b>SZH07SD</b> Wheels 6.00-6" Calipers/discs/pads Axles/parts - Caps						
Exp. Kits								
They trust us								

## Experimental/Non Certified wheel/brake kits

\* Tires are optional and not part of the standard kits

Aircraft Make/ Model	Wheel/Brake package P/N	Brake controls (included)	Nose/Tailwheel P/N (optional)	Wheel colour	Landing Gear (optional)	Accessories (order separately)	Notes
<b>Zivko / Edge 540</b> 	<b>SED01</b> Wheel 5.00-5" *tire 5.00-5" Caliper/disc/pads Axle	2x master cylinders Reservoirs Brake lines/fittings		standard red or black color  		-SensAIR® 	
<b>Zlin Aircraft / Zlin Z50LX</b> 	<b>SZL01</b> Wheel 5.00-5" *tire 380*150x5" Caliper/disc/pads Axle	2x master cylinders Reservoirs Brake lines/fittings	Tailwheel : ask us	other colors option      		-SensAIR® -Co-pilot brakes -Parking brake -ALIR regulator 	Non certified kit
<b>Zlin Aviation / Savage-Norden</b> <b>original Axle</b> <u>Ø 0.98" 25mm</u>   	<b>SSA01 for tires ≤29"</b> Wheels 6.00-6" Calipers/discs/pads Axles - Wheel caps  <b>SSA02 for tires &gt;29"</b> Wheels 6.00-6" <b>Freins Etriers</b> DUAL/discs/pads Axles - Wheel caps  <b>SSA10 8"</b> Wheels 7.00-8" Calipers/discs/pads Axles - Wheel caps  <b>SSA07 8" DUAL</b> Wheels 7.00-8" <b>Freins DUAL</b> Calipers/discs/pads Axles - Wheel caps	2x master cylinders Reservoirs ALIR regulator Brake lines/fittings  2x master cylinders Reservoirs ALIR regulator Brake lines/fittings  2x master cylinders Reservoirs ALIR regulator Brake lines/fittings	<b>TW-002</b> GLR tailwheel Wheel 3.50-4" *tire 4.00-4" Tailwheel support Levier to lock/ unlock 		ALG landing gear 	-SensAIR® -Co-pilot brakes -Parking brake - Special axle for DATUM skis 	The diameter of the OEM axle must be check

Contacts

Webshop

BERINGER Aero Technologie

AvioPat Patents

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Nose-Tailwheels

SensAIR®

Tires

Wheel Axles

Landing Gears  
ALG/B'Flex  
Shock Wheel

Hoses/Fittings

Brake Controls  
Rudd'Air Pedals

Regulators  
Anti-skid

Parking Valves

Spare Parts

Tools

FAQs















Certified kits/STCS

Exp. Kits

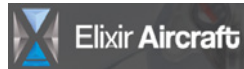
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## Experimental/Non Certified wheel/brake kits

\* Tires are optional and not part of the standard kits

Contacts	Aircraft Make/ Model	Wheel/Brake package P/N	Brake controls (included)	Nose/Tailwheel P/N (optional)	Wheel colour	Landing Gear (optional)	Accessories (order separately)	Notes
Webshop	<b>Zlin Aviation / Savage-Norden</b> <i>original Axle</i> <b>Ø 0.77" 19.5mm</b> 	<b>SSA05 for tires ≤29"</b> Wheels 6.00-6" Calipers/discs/pads Axles - Wheel caps	2x master cylinders Reservoirs ALIR regulator Brake lines/fittings	<b>TW-002</b> <i>GLR tailwheel</i> Wheel 3.50-4" *tire 4.00-4" Tailwheel support Levier to lock/ unlock	standard red or black color    other colors option       		-SensAIR® -Co-pilot brakes -Parking brake - Special axle for DATUM skis	The diameter of the OEM axle must be check
History/Values		<b>SSA06 for tires &gt;29"</b> Wheels 6.00-6" <b>Freins Etriers</b> DUAL/discs/pads Axles - Wheel caps	2x master cylinders Reservoirs ALIR regulator Brake lines/fittings					
Wheels/Brakes		<b>SSA09 8" DUAL</b> Wheels 7.00-8" <b>Freins DUAL</b> Calipers/discs/pads Axles - Wheel caps	2x master cylinders Reservoirs ALIR regulator Brake lines/fittings					
Nose-Tailwheels	<b>Zlin Aviation / Savage with ALG landing gear</b> 	<b>SSA03 for tires ≤29"</b> Wheels 6.00-6" Calipers/discs/pads Axles - Wheel caps	2x master cylinders Reservoirs ALIR regulator Brake lines/fittings	<b>TW-002</b> <i>GLR tailwheel</i> Wheel 3.50-4" *tire 4.00-4" Tailwheel support Levier to lock/ unlock			-SensAIR® -Co-pilot brakes -Parking brake - Special axle for DATUM skis	
SensAIR®		<b>SSA04 for tires &gt;29"</b> Wheels 6.00-6" <b>Freins Etriers</b> DUAL/discs/pads Axles - Wheel caps	2x master cylinders Reservoirs ALIR regulator Brake lines/fittings					
Tires		<b>SSA08 8" DUAL for tires &gt;29"</b> Wheels 7.00-8" <b>Freins DUAL</b> Calipers/discs/pads Axles - Wheel caps	2x master cylinders Reservoirs ALIR regulator Brake lines/fittings					
Wheel Axles								
Landing Gears ALG/B'Flex Shock Wheel								
Hoses/Fittings								
Brake Controls Rudd'Air Pedals								
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ITALIAN FLYING TECHNOLOGY



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SensAIR®

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We thank D. Delemarle and JM. Urlacher for the photos



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