



2024



Wheels - Brakes - Landing Gear 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







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 BERINGERsystem 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 amazina 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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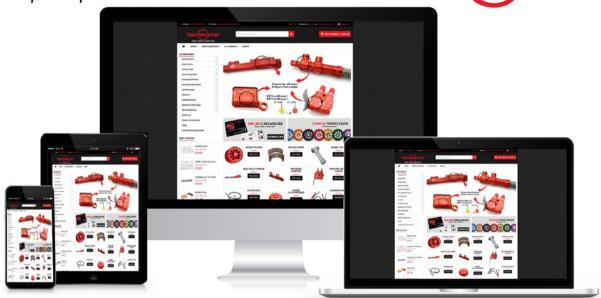
Webshop America: https://beringeraero.us/

BERINGER AERO USA 18 Woods Lake Road - Greenville, SC 29607



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.

BFRINGFR 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



BERINGER AERO Research & Development Laboratory





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



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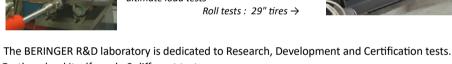
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On the wheel itself we do 3 different tests:

 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 Impusle's unique main wheel, BERINGER's proprietary dynamometer was employed, because of the BERIN-GER 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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← 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 \rightarrow



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 brakina 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 allov
- 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



Aerotec+ designed for flight school and other intensive use.

0+15% energy.

3 to 4 times longer lifetime than Standard and Legacy brake pads.



EA-003.3N

FA-003.3N

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 tiltles 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 realiability 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

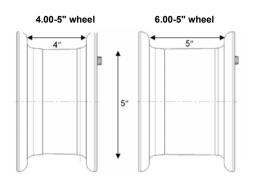
patents and have allowed BERINGER brakes to take a decisive technological lead.

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

→ 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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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. Aeroteco 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 palet 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).

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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	Dimen- sion	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-013.1	3.50-4"	4"	ø25-ø15	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	Dimen- sion	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-019 CSTC	5.00-5"	5"	ø30-ø25	1518 (688)	6820 (3093)	3.42 (1.550)	EA-016 / 017	3120	140000	1.50 (0.682)
RF-020 CSTC	4.00-5"	5"	ø30-ø25	1518 (688)	6820 (3093)	3.24 (1.469)	EA-016 / 017	3120	140000	1.50 (0.682)

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Certified kits/STCs Exp. Kits

5" Wheel н

For two seater Aircraft Van's type up to high landing speed Aircaft 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



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RF-018	5.00-5"	5"	ø30-ø25	1518 (688)	6820 (3093)	3.27 (1.485)	EA-002 (DSC-008)	4500	210000	2.34 (1.060)
CSTC	3.00-3	,	ψ30-ψ23	1318 (008)	0020 (3033)		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

For Vintage Aircraft < 1350 Lbs

Vintage spoke wheel/brake 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	Dimen- sion	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 foating 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	Dimen- sion	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-004	4.00-6"	6"	ø30-ø25	968 (439)	3388 (1536)	3.14 (1.426)	EA-016 / 017	3120	140000	1.50 (0.682)
RF-009	6.00-6"	6"	ø30-ø25	968 (439)	3388 (1536)	3.48 (1.580)	EA-016 / 017	3120	140000	1.50 (0.682)
KF-009	0.00-6	0	Ø30-Ø23	900 (439)	3300 (1330)	3.46 (1.360)	EA-016.20 / 017.20 Dual	6240	140000	3.48 (1.58)
RF-014	6.00-6"	6"	440 42E	968 (439)	3388 (1536)	3.45 (1.563)	EA-016 / 017	3120	140000	1.50 (0.682)
KF-014	6.00-6	О	ø40-ø25	968 (439)	3388 (1330)	3.45 (1.563)	EA-016.20 / 017.20 Dual	6240	140000	3.45 (1.56)

6" Wheel For two seater STOL Aircraft

Brake caliper: 2 piston / cooling fins

Floating disc

LE

Tires available : see tire pages Option: wheel cap BCH-006





Wheel P/N	Dimen- sion	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-015.1	6.00-6"	6"	ø40-ø35	1430 (648)	5005 (2270)	4.37 (1.980)	EA-003.2 (DSC-014)	5130	250000	2.47 (1.120)
USTC TSO	6.00-6	O	940-933	1430 (646)	3003 (2270)	4.57 (1.960)	EA-003.8 (DSC-014)	5130	250000	2.47 (1.120)
RF-015.2	6.00-6"	6"	ø40-ø30	1430 (648)	5005 (2270)	4.53 (2.055)	EA-003.2 (DSC-014)	5130	250000	2.47 (1.120)
Ctso	0.00-6	0	Ø40-Ø30	1430 (046)	3003 (2270)	4.33 (2.033)	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





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Wheel P/N	Dimen- sion	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)
							EA-003 (DSC-009)	4900	355000	3.31 (1.500)
							EA-003.3 (DSC-009.3)	4900	500000	4.22 (1.914)
DE 000							EA-003.4 (DSC-009.3) Dual	9800	510000	6.11 (2.770)
RF-006				2080	7480	4.99	EA-003.5 (DSC-009.4) Dual	9800	550000	6.81 (3.090)
Cstc	6.00-6" 6" ø40-ø35 2080	(943)	(3392)	(2.262)	EA-003.7 (DSC-009.4)	4900	558000	4.72 (2.140)		
TSO				(543)	(2.202)	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)
							EA-004.3 (DSC-009.5) Dual	9800	980000	7.65 (3.470)
RF-016	c 00 c"	6"	A15 A15	1870	1870 6545	4.81	EA-003.2 (DSC-014)	5130	250000	2.47 (1.120)
C_{STC}	6.00-6"	0	ø45-ø45	(848)	(2968)	(2.180)	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

imon		Roarings	Static	Limit load	Wheel	Calinar (Disa)
Opt	tion	: wheel cap BC	CH-004			

Wheel P/N	Dimen- sion	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							EA-004.1 (DSC-009.5) Dual	9800	975000	7.63 (3.460)	
C STC	6.00-6"	6"	ø40-ø35	2310 (1047)	9460 (4291)	5.75	EA-004.2 (DSC-009.5) Dual	9800	975000	7.56 (3.430)	i
TSO				, ,		(2.067)	EA-004.3 (DSC-009.5) Dual	9800	980000	7.63 (3.460)	ı

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Wheel / Brakes 8" diameter

8" Wheel For Ultralight Aircraft and LSA SL

Ultralight stainless steel foating 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	Dimen- sion	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-028	7.00-8"	8"	420 425	770 (350)	2695	5.56 (2.52)	EA-016 / 017	3120	140000	1.50 (0.682)
KF-028	7.00-8	٥	ø30-ø25	770 (350)	(1225)	5.50 (2.52)	EA-016.20 / 017.20 Dual	6240	140000	3.48 (1.58)
RF-010	10 ["	0"	420.1 420.1	3058	9625	7.94	EA-008.1+EA-008.2 (DSC-012) PQT-012	9300	1115000	9.04(4.100)
CTSO	18x5.5"	8"	ø38.1-ø38.1	(1387)	(4365)	(3.600)	EA-008.1+EA-008.2 (DSC-012) PQT-013	9800	1200000	9.04(4.100)
RF-010.1	18x5.5"	8"	ø38.1-ø38.1	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 STC

Tires available : see tire pages

Enjoliveurs de wheel (modèle suivant l'axle)





Wheel P/N	Dimen- sion	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-024	8.50-10"	10"	ø40-ø40	1460 (662)	5010 (2272)	8.64 (3.918)	EA-010.1 (DSC-015)	8721	303000	3.50 (1.587)

Brake

weight Lbs (Kg)

11.06 (5.015)

energy

ft/lbs

623977

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

- 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





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Braking Max RTO

torque

in.lbs

16900

Wheel Wheel Dimen-Bearings (Axle) Static load Limit load Caliper (Disc) P/N weight Lbs (Kg) P/N Ø sion Lbs (Kg) 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) 11.00-12" 12" PQT-008 or PQT-016 RF-003 ø50-ø35 3080 (1397) 15820 (8160) 20.72 (9.400)

Brake caliper: Dual 4 pistons caliper / cooling fins

HL Cstc

10" Wheel

Steel floating disc Wheel cap BCH-001





Wheel P/N	Dimen- sion	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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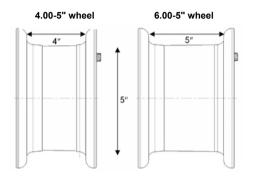
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Nose wheels - Tailwheels - 4" 5" 6" 12.5"Diameter



Conversion Lbs/kg

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

Certification indication

C_{STC} C_{STC}

→ 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







Tailwheel

Wheel 200x50 **Designed for Pipistrel Sinus/Virus**

with tube Delivered mounted with tire 200x50/tube (price of tire and tube not included)

RA-004 For axle 5/16" (see axle pages)

Weight: 9.45 oz / 268g Fork mounting only

Wheel P/N	Dimension Ø	nension 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)	



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Wheels 4" diameter

4" Wheel Nose wheel for ultralight aircraft and LSA or bush tailwheel Ultra light

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

Tires available (see tire pages)





Wheel P/N	Dimen- sion	ø	Ball bearings	Static Load Lbs (Kg)	Limit load Lbs (Kg)	Wheel weight Lbs (Kg)	Axle P/N (fork moun- ting)	Axle dimensions (standard sizes - Other dimen- sions 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

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Wheel P/N	Dimen- sion	ø	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"	00-4" 4" ø30-ø25		" 4" ø30-ø2	ø30-ø25	1034 (469)	2810 (1274)	2.43 (1.1)	AV-PIL-001	X=135 / Z=12
Cstc	5.00-4"	4"	ø30-ø25	1034 (469)	2810 (1274)	2.43 (1.1)	AV-PIL-001	X=135 / Z=12		



Nose-Tailwheels

Wheels 5" diameter

SensAIR®

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)

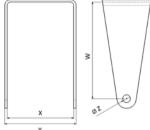
Tires

Wheel Axles Landing Gears ALG/B'FleX Shock Wheel Hoses/Fittings

	/heel P/N	Certifica- tion	Dimen- sion	ø	Ball bearings	Static Load Lbs (Kg)	Limit load Lbs (Kg)	Wheel weight Lbs (Kg)	Axle P/N (fork moun- ting)	Axle dimensions (fork mounting)
R.A	۹-015	Стѕо	4.00-5"	5"	ø30-ø25	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		Стѕо	5.00-5"	5"	ø30-ø25	1551 (703)	6968 (3160)	3.28 (1.490)	AXP-005 AXP-005.1	X=146.5 / Z=9.8 X=146.5 / Z=10







Regulators Anti-skid

Brake Controls Rudd'Air Pedals

Wheels 6" diameter 6" Wheel

SL

Parking Valves

Cantilever or fork mounting (see axle pages) - Widths available: 4.00 and 6.00 Tires available (see tire pages)

Spare Parts

Note: other axle dimensions available. Contact us.

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Wheel P/N	Dimen- sion	ø	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"	ø30-ø25	970 (440)	3396 (1540)	2.93 (1.327)	AV-JAB-003	X=130 / Z=6.5
RA-010	6.00-6"	6"	ø30-ø25	970 (440)	3396 3.26		X=210 / Z=8.1	



They trust us

Exp. Kits

6" Wheel Cantilever or fork mounting (see axle pages)

(Axle dimensions in the table) Tires available (see tire pages)

Wheel Dimension				Static Load Lbs (Kg)	Limit load Lbs (Kg)	Wheel weight Lbs (Kg)	Axle P/N (fork mounting)	,	
RA-016	6.00-6"	6"	ø40-ø30	1430 (660)	5005 (2310)	4.45 (1.830)	AXP-006.1 AXP-006.2	X=195.6 / Z=38.1 X=167 / Z=31	

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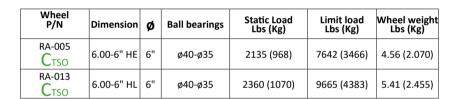
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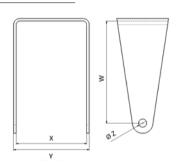
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6" Wheel Cantilever or fork mounting (see axle pages) HE-HL Tires available (see tire pages)







Nose wheel for DHC-6 Twin Otter

TSO

LE

CNC aeronautical high grade aluminum, 3 times more resistant than Magnesium No corrosion

Sealed bearings (very low maintenance)

Wheel P/N	P	Ball bearings	Static Load Lbs (Kg)	Limit load Lbs (Kg)	Wheel weight Lbs (Kg)	
RA-008	8.90-12.5"	12.5"	ø41.28-ø41.28	2023 (917)	9103 (4128)	16.43 (7.45)





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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 slided 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!







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

√ 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 = 3.3oz



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How to order SensAIR?

P/I	N S	Size of wheel	Qty per shipset
TP-0	04	4"	1
TP-0	05	5"	1
TP-0	06	6"	1
TP-0	08	8"	1



Nose-Tailwheels SensAIR®

Already assembled and identified by a unique ID (FLI)

Tires

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





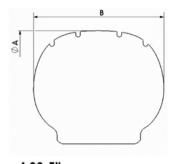




SensAIR is a registered trademark of BERINGER



Dimension of a tire



4.00-5" в с

15x6.00-6" A B C A: Tire external diameter (inches)

B: Tire width (inches)

C: Tire internal diameter (inches)

Conversion Lbs/kg

Notes:

- We highly recommand 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.

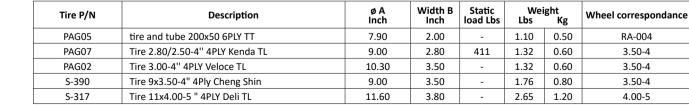


→ <u>Youtube BERINGER AERO technical support</u>

How to remove a tubeless tire →



→ How to mount a tubeless tire



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Tires

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Webshop	Tire P/N	Description	ø A Inch	Width B Inch	Static load Lbs	Wei Lbs	ght Kg	Wheel correspondance
BERINGER Aero	PAG01	Tire 4.00-4" 4PLY Kenda TL	11.90	3.90	-	2.20	1.00	3.50-4
Technologie	PAG10	Tire 4.00-4" 4PLY Secura TL	11.90	3.90	-	3.09	1.4	3.50-4
Amorite* 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
	TK2077A	Tire 4.00-6" 6PLY MDO	13.80	4.10	570	4.20	1.90	4.00-6
SensAIR®	TK107A	Tire 4.00-6" 8PLY AeroClassic	13.30	4.13	849	5.50	2.50	4.00-6
Tires	PAC03	Tire 13x5.00-6" 4PLY Deli TT	13.40	4.70	-	2.87	1.30	4.00-6
Wheel Axles	PAC04	Tire 13x5.00-6" 8PLY Mitas TL	13.40	4.70	-	3.30	1.50	4.00-6
Landing Gears ALG/B'FleX	PAC08	Tire 15x6.00-6" 10PLY Flight Custom II GoodYear TL	14.50	5.30	3200	9.70	4.40	4.00-6
Shock Wheel	PAC02	Tire 15x6.00-6" 6PLY Mitas TL	14.80	5.10	-	4.85	2.20	4.00-6
Hoses/Fittings	PAC10	Tire 15x6.00-6" 4PLY Kenda TL	14.80	5.10	-	5.69	2.58	3.50-4
Brake Controls	PAC05	Tire 15x6.00-6" 6PLY Air Trac TT	15.00	5.30	1950	6.17	2.80	4.00-6
Rudd'Air Pedals	PAB01	Tire 380x150-5" 6PLY Michelin Air TT	15.00	5.50	1598	6.61	3.00	5.00-5
Regulators Anti-skid	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
	PAB03	Tire 6.00-6" 6PLY AirTrac TT	17.50	6.30	1150	6.83	3.10	4.00-6/6.00-6
Parking Valves	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
Spare Parts	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
Tools	PAF03	Tire 21x8.00-6" 4PLY Aero Classic TL	20.50	7.10	800	10.80	4.90	6.00-6
FAQs	076-325-0	Tire 8.50-6" 6PLY Michelin TL	21.00	7.50	2275	15.43	7.00	6.00-6
Certified kits/STCs	PAF05	Bush Tire 22x8.50-6" 4PLY Aero Classic TT	22.00	8.10	1600	8.82	4.00	6.00-6
Exp. Kits	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 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

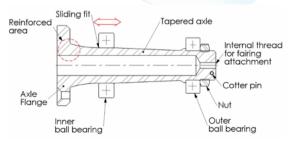
the hole patterns available

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.





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Contacts			1						
Webshop	Axle P/N	Description	Dimension of axle thread	Static lo	ad/Axle Lbs	Limit lo	ad/Axle Lbs	Weig Kg	ght Lbs
BERINGER Aero	FUS-001	Conical aluminum axle	M25x1.5	354	780	1231	2714	0.25	0.55
Technologie	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
Amoiii Patents	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
History/ Values	FUS-007.2	Conical aluminum axle	M35x1.5	770	1697	2678	5950	0.51	1.12
Address to ID and an	FUS-007.7	Conical steel axle	M35x1.5	1040	2292	3617	8030	1.17	2.58
Wheels/Brakes	FUS-008	Conical aluminum axle	M25x1.5	317	698	1102	2450	0.44	0.97
Nose-Tailwheels	FUS-009	Conical aluminum axle	M25x1.5	390	859	1356	2993	0.25	0.55
1403C IdiiVVIICCI3	FUS-010	Conical aluminum axle	M25x1.5	377	830	1311	2894	0.33	0.73
SensAIR®	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
Tires	FUS-013	Conical aluminum axle	3/4''-16	354	780	1231	2714	0.36	0.79
144	FUS-014.1	Conical aluminum axle	M30x1.5	635	1399	2208	4900	0.45	0.99
Wheel Axles	FUS-014.2	Conical aluminum axle	1.5"x16 UNF	450	991	1565	3500	0.63	1.39
Landing Gears	FUS-014.3	Conical aluminum axle	1.5"x16 UNF	570	1260	1982	4410	0.45	0.99
ALG/B'FleX	FUS-015	Conical aluminum axle	M25x1.5+3/4"-16	354	780	1231	2714	0.48	1.06
Shock Wheel	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
Hoses/Fittings	ECR-002	Aluminum nut	M25x1.5	-	-	-	-	0.01	0.02
Dod - Control	ECR-004	Aluminum nut	M30x1.5	-	-	-	-	0.02	0.04
Brake Controls Rudd'Air Pedals	ECR-005	Aluminum nut	1.5"x16 UNF	-	-	-	-	0.04	0.09
riddd Air i Cddis	ECR-006	Aluminum nut	1.5"x16 UNF	-	-	-	-	0.06	0.13
Regulators	ECR-006.1	Aluminum nut	1.25"x12 UNF	-	-	-	-	0.07	0.15
Anti-skid	E-HN-008	Steel safety nut	3/4''-16	-	-	-	-	0.05	0.11
	BGE-016	Axle spacer for FUS-001	-	-	-	-	-	0.01	0.02
Parking Valves	BGE-026	Axle spacer for FUS-003	-	-	-	-	-	0.01	0.02
Con an Brode	More types availab	le, do not hesitate to ask us							
Spare Parts		- Ann							
Tools				-					

Tools

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They trust us

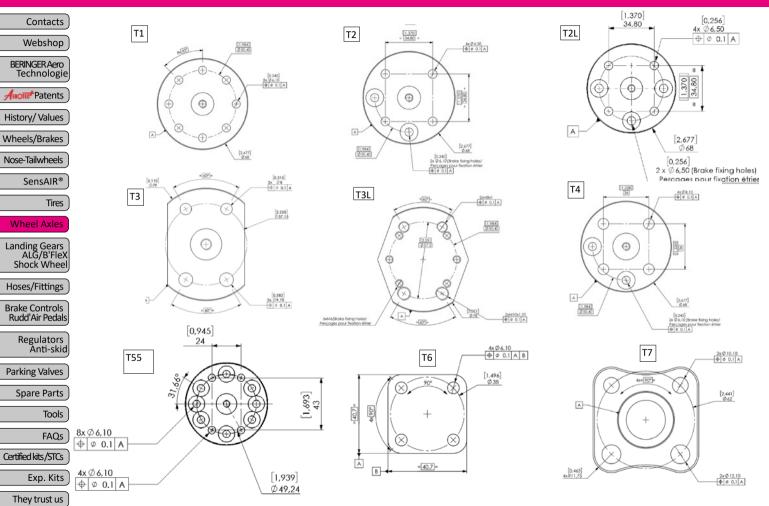






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											Contacts
	Corres	-	main wheel a	kles / Wheels	-	T17	[7 shows th	e hole patt	ern		Webshop
Wheel → ↓ Axle P/N	3.50-4"	4.00-5" & 4.00-5"HL	5.00-5" & 5.00-5"HL	4.00-6" SL	6.00-6" SL	6.00-6" LE	6.00-6" HE	6.00-6 HL	10 LE	Other	BERINGER Aero Technologie
FUS-001	-	-	T1, T2, T4, T55	T1, T2, T4, T55	-	-	-	-	-		Amoritis* Patent
FUS-004	-	-	T1, T2	-	-	-	-	-	-		History/ Values
FUS-005	-	T1, T2	-	-	-	-	-	-	-		Wheels/Brakes
FUS-006.4	Т6	-	-	-	-	-	-	-	-		Nose-Tailwheels
FUS-007.1	-	-	-	-	-	-		Т3	-		SensAIR®
FUS-007.2							Т3		-		Tires
FUS-007.7							Т7	Т7	-		Wheel Axles
FUS-008	-	-	-	-	Т3	-	-	-	-		Landing Gears ALG/B'FleX
FUS-009	-	-	T2	-	-	-	-	-	-		Shock Wheel
FUS-010	-	-	-	-	T1, T2,T4, T55	-	-	-	-		Hoses/Fittings
FUS-011	-	-	-	ТЗ	-	-	-	-	-		Brake Controls Rudd'Air Pedals
FUS-012	-	-	-	-	1"1/4 US	-	-	-	-		Regulators Anti-skid
FUS-013	-	-	-	T1	-	-	-	-	-		
FUS-014.1	-	-	-	-	-	Т3	-	-	-		Parking Valves Spare Parts
FUS-014.2	-	-	-	-	-	-	-	-	-	Cleveland wheel	Tools
FUS-014.3									Т3		FAQs
FUS-015	-	-	-	-	T1	-	-	-	-		Certified kits/STC
FUS-016	-	-	-	T1, T2,T4, T55		-	-	-	-		Exp. Kits



BERINGER = 202

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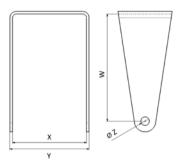
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Brake Controls
Rudd'Air Pedals

Axles: how to take dimension







 \leftarrow Van's front wheel axle

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"
		101 013	101024	101003	101020	101 010
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				

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They trust us

Alaskan Landing Gear [™] / Rough terrain ... Are-vou 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.



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.











Landing Gear ALG / Shock Wheel / B'FleX / SPEED'Air fairings



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)



→ <u>Drop test video</u>



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They trust us

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:

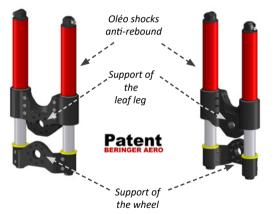
- Light and high strength aluminum (2024)
- 3"/80mm of oleo-pneumatic absorption
- Tested at 3.5G
- Anti-roll system included
- Only fits with BERINGER wheels and brakes





NEW 2 variants : Sport or All Terrain





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°

Landing Gear ALG / Shock Wheel / B'FleX / SPEED'Air fairings

The Shock Wheel preserves your aircraft

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





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They trust us

→Off-airport:





→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

Landing Gear ALG / Shock Wheel / B'FleX / SPEED'Air fairings

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They trust us

B'FleX LG: preserve your Aircraft

Designed for Aircraft with leaf LG, B'FleX will absorbe shocks on rough terrains. B'FleX is made of three elements: one Zicral 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 parasisitic 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 Zicral, CNC machined from aluminum billet
- Weighs only 6.8 Lbs (3.1kg) per side





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.

BFLEX
Beringer Flexible Landing Gear

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

Landing Gear ALG / Shock Wheel / B'FleX / SPEED'Air fairings

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)







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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Bleeding screws
Banjo screws

Seal

Adapters

Banjos to

scréw →

Olive Banjos

Tires

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Brake lines – Hydraulic fittings

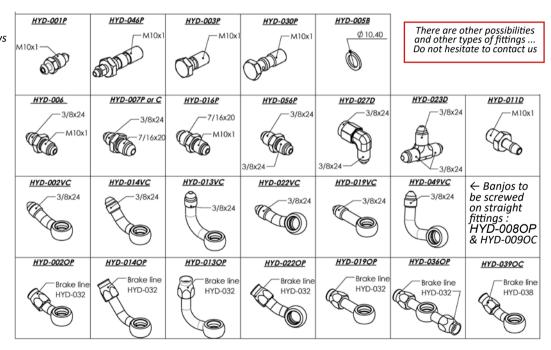
The BERINGER brake line is stainless steel braided.

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.



Hydraulic: Brake lines / Fittings

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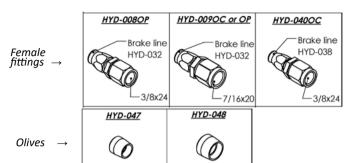
Exp. Kits

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SensAIR®

Tires
Wheel Axles

Technologie

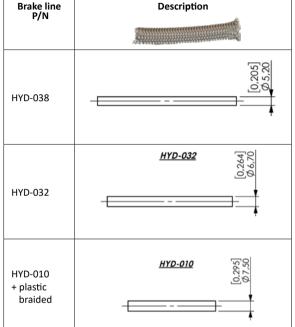


Replacement

olive HYD-032

Replacement

olive HYD-038







→ How to bleed your brakes



→ How to assemble brake lines and fittings

BERINGER=

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Brake master cylinders



Brake fluid indication

XX-XXXE

XX-XXXN

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.



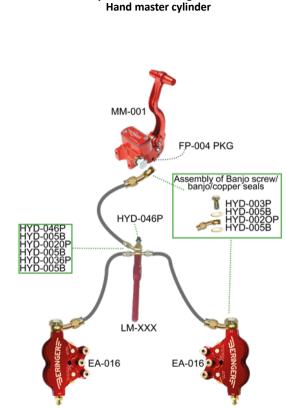




Symmetrical braking circuit

Différential braking circuit Pilot/co-pilot rudder pedal master cylinders RV-XXX or HFA01+HYD011 Assembly of Banjo screw/ banjo/copper seals RE-XXX HYD-008OP

 ${\it This configuration \ can \ be \ modified \ depending \ on \ the \ Aircraft}$



Webshop

BERINGER Aero Technologie

Amorite 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

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Contacts

Webshop

BERINGER Aero Technologie

Amorite* 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

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

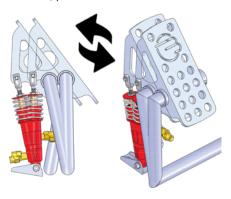
Remarks:

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



BERINGER Aero Technologie

Amorite Patents

Contacts

Webshop

History/ Values

Wheels/Brakes

se-Tailwheels

heel Axles

nding Gears -G/B'FleX ock Wheel

oses/Fittings

ake Controls dd'Air Pedals

rking Valves

oare Parts

rtified kits/STCs

They trust us



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	Mi Dimer Inch		Ma Dimei Inch		B Inch	ore mm	We oz	ight g	Nose-Tailwh
MP-002		MCP-002 Φ13 Φ13 MCP-002(A) B MCP-002(A) [4.642] 117,90	-	-	-	-	1/2	12.2	3.53	100	Tires Wheel Ax Landing G ALG/B'Fle Shock Wh
MP-002.1	- ZM-001	(0.512) (0.	5.433	136	5.63	145	1/2	12.2	4.15	118	Brake Cont Rudd'Air Pe Regulator Anti-skid
MP-002.2	- CHP-003	(0.512) MCP-002 (0.512) M6 MCP-002(A) (5.417 min, 137.40 min, 145.50 max.	5.512	138	5.669	145	1/2	12.2	3.96	112	Tools FAQs Certified kits Exp. Kits

Contacts											
Webshop	Master cylinder P/N	attachment included	Description	Mi Dimer	sion	Ma Dimer	sion		ore mm		ight
BERINGER Aero Technologie	Cyllider P/N	included	·	Inch	mm	Inch	mm	IIICII	111111	OZ	g
Amoite Patents			<u>A</u> ,∠2M-001								
History/ Values	MP-002.3	CHP-003 -		6.39	162	7.11	180	1/2	12.2	4.81	136
Wheels/Brakes	552.5	ZM-001	MCP-002(A)	0.55	-0-	,,	100	_,_			
Nose-Tailwheels			B [6,390 min.] A [42,30 min.] [7,106 max.] 180,30 max.								
SensAIR®			A A A								
Tires			CHP-003(B)								
Wheel Axles	MP-002.4	CHP-003 - CHP-003		6.54	166	7.11	180	1/2	12.2	4.62	131
Landing Gears ALG/B'FleX Shock Wheel		CIII -003	MCP-002(A) [6.547 min.] 16.630 min. [7.106 max.] 189.30 max.								
Hoses/Fittings			ZM-001 /ZM-00								
Brake Controls Rudd'Air Pedals	MD 002 5	ZM-001 -		6 22	450	7.44	400	1/2	12.2	_	4.42
Regulators Anti-skid	MP-002.5	ZM-001	[6,232] 159,30	6.23	158	7.11	180	1/2	12.2	5	142
Parking Valves			[7,106] 180,50								
Spare Parts			ZM-001 CHP-003[8]								
Tools		704 001									
FAQs	MP-002.6	ZM-001 - CHP-003	MCP-002(A)	6.39	162	7.11	180	1/2	12.2	4.81	136
Certified kits/STCs			[6,390 min.] 162,30 min.								
Exp. Kits			[7,106 max.] 180,50 max.								

					I				_		Contacts
Master cylinder	attachment	Description	M Dime	in nsion	M	lax ension mm	Bo	ore	Wei		Webshop
cylinder P/N	included	·	Inch	mm	Inch	mm	Incn	mm	OZ	g	BERINGER Aero Technologie
		(0.512) (0.512) (0.512) (0.512) (0.512)									Amorite* Patents
MP-002.7	- CHP-006		5.29	134	E E 2	140	1/2	12.2	2 72	105	History/ Values
NIP-UUZ.7	- CHY-UU0	[0.201] MCP-002.1(A), [5.295 min.] 134.50 min.	5.29	134	5.55	140	1/2	12.2	3.72	105	Wheels/Brakes
		- 134,50 max. [5,531 max.] 140,50 max.									Nose-Tailwheels
		COUPE 8-8 MCP-002 B A CHP-003(8)									SensAIR®
	S CD 005	013 M6									Tires
MP-002.8	S-CP-006 - CHP-003	MCP-002[A)	5.42	137	5.73	145	1/2	12.2	3.76	107	Wheel Axles
		B [5.417 min.] [5.728 mox.] [45.50 mox.									Landing Gears ALG/B'FleX Shock Wheel
		COUPE 8-8 [0.512] B [2M-00]									Hoses/Fittings
* 4D 003 0	714 004		5.24	125	5 72	145	1/2	12.2	4.00	116	Brake Controls Rudd'Air Pedals
MP-002.9	ZM-001	B MCP-002 2[A] min. 133.60 min.	5.34	135	5./3	145	1/2	12.2	4.09	116	Regulators Anti-skid
		[5,728 max.] 145,50 max.									Parking Valves
		COUPE A.A CHP-003 [0,276] (n.506] COUPE 8-8 2M-001 (n.506)									Spare Parts
	ZM-001	[0.364] 912:00									Tools
MP-002.10	-CHP-003		6.35	161.3	7.33	186.2	1/2	12.2	5.11	145	FAQs
		(5.94 [7.136 min.] 18130 min. B (7.736 min.) 19736 min.									Certified kits/STCs
		H									Exp. Kits

Contacts Webshop BERINGER Aero Technologie	Master cylinder P/N	attachment included		Description	M Dime Inch	nsion	M Dime Inch	nsion		ore mm	Wei oz	ight g
History/ Values Wheels/Brakes Nose-Tailwheels	MP-002.11	CHP-003	COUPLA A MCPOZ3 [0.512] [0.201] [0.201] [0.201]	COUPE BA (149-003) (1500) (150	4.44	112.7	5.42	137.6	1/2	12.2	3.74	106
SensAIR® Tires Wheel Axles Landing Gears ALG/B'FleX Shock Wheel	MP-002.12	CHP-003	COUPE AA MCP-002.1 (0.512) (0.512) (0.201) (0.512) (0.201) (0.201) (0.510) (0.	MCP-002.1 COUPF B-B (5.27e) [S.454 more, label more)	5.31	135	5.71	145	1/2	12.2	3.77	107
Brake Controls Rudd'Air Pedals Regulators Anti-skid	MP-002.14	ZM-001 - ZM-001	COUPE A-A 2M-001	2M-001 A (6-90 mm) 177.3 mm. (7.776 max.)	6.18	157	7.48	190	1/2	12.2	5.54	157
Spare Parts Tools FAQs Certified kits/STCs Exp. Kits	MP-003	- CHP-002	COUPE 68 613 613 613 613 613 613 613 613	B COUPE AA CHP-000(A) (0.300) COUPE AA CHP-000(A) (0.300) COUPE AA CHP-000 (0.300) COUPE AA CHP-	7.33	186	7.56	192	1/2	12.2	4.3	122

			1								Contacts
Master	attachment	Description	Mi Dimer		Ma Dimer			ore		ight	Webshop
cylinder P/N	included	Description .	Inch		Inch	mm	Inch	mm	OZ	g	BERINGER Aero Technologie
		COUPERS POTOQ: CHROOM; COUPERS									Anoiir Patents
MP-003.1	- CHP-002	FO1002 5.512 6 6 6 7 7 7 7 7 7 7	8.07	205	8.31	211	1/2	12.2	4.8	136	History/ Values
WIF-003.1	- CHF-002	D.201 B PG1-002(A) MCP-003(A)	8.07	203	0.31	211	1/2	12.2	4.0	130	Wheels/Brakes
		250 mms. 									Nose-Tailwheels
											SensAIR®
		COUPE 6-8 MCP-003 [0.512] 013 B									Tires
MP-003.2	- CHP-005		7.32	186	7.55	192	1/2	12.2	4.41	125	Wheel Axles
		[0.201] B MCP-003[A] [7.327 min.] 186 min. A [7.551 max.]									Landing Gears ALG/B'FleX Shock Wheel
											Hoses/Fittings
		COUPE B-8 MCP-000.1 P-002(A)									Brake Controls Rudd'Air Pedals
MP-003.3	- CHP-002	[0,201] B MCP-003.1[A) [7,327 min,] ilib min.	7.32	186	7.55	192	1/2	12.2	4.27	121	Regulators Anti-skid
		[7,55] max.] 192 max.									Parking Valves
		COUPE 8-8 /CHP-008(A)									Spare Parts
		[0.512] [0.512] B B B B B B B B B B B B B B B B B B B									Tools
MP-003.4	- CHP-008		6.93	176	7.22	183	1/2	12.2	4.3	122	FAQs
		B MCP-003.2(A) [6,913 min.] A									Certified kits/STCs
		[7.217 max.] 183 max.									Exp. Kits

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Contacts		I	I			-						
Webshop	Master cylinder P/N	attachment included		Description	M Dime Inch	nsion	Ma Dime Inch	nsion		ore mm	We oz	ight g
BERINGER Aero Technologie			COUPE 8-8 MCP-003 [0,512]	, CHP-005.1	A)							П
Amorite* Patents			φ13									
History/ Values	MP-003.5	- CHP-005.1			7.52	191	7.76	197	1/2	12.2	4.44	126
Wheels/Brakes			[0.201] 00 00 00 00 00 00 00 00 00 00 00 00 00	B MCP-003[A) [7,524 min.] A 191 min. [7,748 max.]								
Nose-Tailwheels				197 max."								
SensAIR®			COUPE B-B MCP-003 [0.512] Ø13	CHP-011(A)								
Tires			(I+D)									
Wheel Axles	MP-003.6	- CHP-011	[0.125] S = 0 Ø3.16	B MCP-003.3(A)	7.4	188	7.64	194	1/2	12.2	4.34	123
Landing Gears ALG/B'FleX Shock Wheel			<u> </u>	7,460 min.] A 1,88 min. (7,450 max.] 194 max.								
Hoses/Fittings			[0.512] ∅ 13 [0.512] ∅ 13 [0.512] ∅ 13	CHP-002.1(A) A								
Brake Controls Rudd'Air Pedals	MP-003.7	CHP-002.1	[0.201] [0.201] [0.201] [0.5.10]	B MCP-003.1(A)	6.69	170	7.87	200	1/2	12.2	4.3	122
Regulators Anti-skid			24	[7,874 min.] 200 min. [8,188] 208								
Parking Valves			[0.512] [0.201] Ø13 Ø5.10	CHP-002(A) A								
Spare Parts			\$13 P									
Tools	MP-003.8	CHP-002	[0,315]	B MCP.003.4(A)	7.33	186	7.57	192	1/2	12.2	4.05	115
FAQs			8 41 28	[7,327 min.] 186,10 min.								
Certified kits/STCs				[7,571 max.] 192,30 max.								
Exp. Kits												

			1		1						Contacts
Master cylinder P/N	attachment included	Description	Dime	lin ension	Dime Inch	ax nsion mm	Bo Inch	ore mm	We oz	ight g	Webshop
1714		COUPE 8-8 [0.512] MCP-003 B B		T	IIICII	······					BERINGER Aero Technologie
											Amorite Patents
MP-003.9		[0,201] [8] [0,510] [8] [8] [8] [8] [8] [8] [8] [8] [8] [8	-	-	-	-	1/2	12.2	4.3	122	History/ Values
		B 100 500(1)									Wheels/Brakes
		[6,461] 164,10									Nose-Tailwheels
		COUPE 8-8 MCP-003 [0.512] B AV-JONK-004(A)									SensAIR®
		(0.512) (0.512)									Tires
MP-003.10	AV-JONK-004	Ø510 89	7.45	189	7.69	195	1/2	12.2	4.33	123	Wheel Axles
		B MCP-003(A) [7,445 min.] 187.10 min. [7,689 max.] 195.30 max.									Landing Gears ALG/B'FleX
		195,30 max.									Shock Wheel
		COUPE B-8 (0.12) PGLO04 (0.12) PGLO04 (0.12) PGLO04 (0.10)	8]								Hoses/Fittings
MP-003.11	CHP-002	[0,276]	8.07	205	8.32	211	1/2	12.2	4.73	134	Brake Controls Rudd'Air Pedals
		(8.39 mox.) (8.39 mox.) (8.39 mox.) (8.39 mox.)									Regulators Anti-skid
											Darking Values









Parking Valves

Spare Parts

Tools

FAQs

Certified kits/STCs

Exp. Kits

Contacts

Webshop

BERINGER Aero Technologie

Amorite* Patents

History/ Values

Wheels/Brakes

Master cylinder for rudder pedal MP-001

Allows to actuate following brake calipers:

C. C. Company

• 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).

XX-XXXN

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

Nose-Tailwheels SensAIR®	Master cylinder P/N	attachment included	Description	Mi Dimei Inch		Ma Dimer Inch	sion	Bo Inch		We	ight g
Tires	7,11		COUPE 8-8 MCP-001 [0.512] A CHP-001(A)								
Wheel Axles			MCP-001 [0,512]								
Landing Gears ALG/B'FleX Shock Wheel	MP-001	- CHP-001	[0,201] B MCP-001(B) [7,437 min.] A (9,5.10 min.) [8,199 min.) [8,199 min.]	7.441	189	8.189	208	9/16	14.5	5.89	167
Hoses/Fittings											
Brake Controls Rudd'Air Pedals			COUPE B 8 PGT 001 [0.512] B CHP-001(A)								
Regulators Anti-skid	MP-001.1	CHP-001 - PGT-002		8.189	208	8.937	227	9/16	14.5	6.38	181
Parking Valves			B PGT-001(A) MCP-001(B) [B,185 min.] A [8,937 max.] 227 max.								
Spare Parts			COUPE 8-8 CHP-007(A) CHP-007(A)								
Tools			(0,512) B (0,512								
FAQs	MP-001.2	- CHP-007		7.441	189	8.189	208	9/16	14.5	5.82	165
Certified kits/STCs			[0,201] B McP-001(8) [7,437 min.] A 199 min. A [8,189 mox.]								
Exp. Kits			(e, rev max.) 208 max.								

Master cylinder P/N	attachment included	Description	Mi Dimei Inch	nsion	Ma Dimer Inch	ision	Bo Inch		Wei oz	ight g	(Contacts (Webshop
MP-001.3	- CHP-007	COUPE B-8 MCP-001.1 [0,512] DESCRIPTION OF TAX PRINT OF	7.441	189	8.189	208	9/16	14.5	5.78	164	BERINGER Aero Technologie Patents History/ Values Wheels/Brakes
MP-001.4	- CHP-009	COUPE 8-B MCP-001.2 [0.512] Ø13 B MCP-001.2[A] [7,417 min, 188 min, 1818 max, 208 max.]	7.402	188	8.189	208	9/16	14.5	5.89	167	Nose-Tailwheels SensAIR® Tires Wheel Axles Landing Gears ALG/B'FleX Shock Wheel
MP-001.5	- CHP-010	COUPE B-8 MCP-001.3 [0,512] \$\phi_{13}\$ B MCP-001.3[A] [6,805 min.] [7,854 max.] 200 max.	6.89	175	7.874	200	9/16	14.5	5.18	147	Hoses/Fittings Brake Controls Rudd'Air Pedals Regulators Anti-skid
MP-001.6	CHP-010.1	COUPE 8-B MCP-001.3(A) [0,240] B (6,83) min, [7,13) max, [17,14] min, [7,13) max, [18,13 max.	6.85	174	7.14	181	9/16	14.5	5.18	147	Parking Valves Spare Parts Tools FAQs Certified kits/STCs Exp. Kits

Contacts											
Webshop	Master cylinder P/N	attachment included	Description	Dime	lin ension mm	M Dime Inch		Bo Inch		Wei oz	ght g
BERINGER Aero Technologie			COUPE 8-8 B A								
Amorite* Patents		AV-	[0.512] MCP-001(8) AV-APRC-009(A)								
History/ Values	MP-001.7	APRK-009	(0,201) (0,201) (2,204 min) (2,204 min) (2,204 min) (3,204 min) (4,204 min) (4	7.27	185	7.78	195	9/16	14.5	5.64	160
Wheels/Brakes			[0,201] B MCP-001(8) [7,268 min.] [7,268 min.] [7,776 max.] [197,50 max.] [197,50 max.]								
Nose-Tailwheels											\vdash
SensAIR®			COUPE B-B PGT-000.1 [0.512] B PGT-000.1(a) CHP-001(A) A CHP-001(A) A CHP-001(A) A CHP-001(A) B CHP-001(A)								
Tires		CHP-001									
Wheel Axles	MP-001.8	-PGT-003.1	B (265 min.)	8.56	217.5	9.65	245	9/16	14.5	6.53	185
Landing Gears ALG/B'FleX Shock Wheel			B (2.83 mm) A (2.64 mms) (2.44 mms								
Hoses/Fittings			COUPE AA MCP-001.3 A B B C COUPE B-8 2M-002								
Brake Controls Rudd'Air Pedals	MP-001.10	ZM-002		5.83	148	6.91	175.5	9/16	14.5	4.83	137
Regulators Anti-skid			(0.340) A (0.357 min.) (0.316)								
Parking Valves			COUPE B-B								
Spare Parts			COUPE A-A GO CHP-007 C								
Tools	MP-001.11	CHP-007		6.48	164.5	7.56	192	9/16	14.5	5.78	164
FAQs			[0.201] A [7,43 mm.] B [50]								
Certified kits/STCs			100 max 100								
Exp. Kits											

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

XX-XXXE

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 Dimens Inch	sion	Ma Dime Inch	nsion	Bo Inch	re mm	Wei	ght g
MP-007	CHP-007	COUPE BB MCP-007 (A) (0.512) (0.197)	7.56 1	192	8.33	211	0.65	16.5	6.17	175

Contacts

Webshop

BERINGER Aero Technologie

Amorite* Patents

History/ Values

Wheels/Brakes

Nose-Tailwheels

SensAIR®

Tires

Wheel Axles

Landing Gears ALG/B'FleX Shock Wheel

Hoses/Fittings

Attachments/Extenders for brake master cylinders

Attachment P/N	Description	Weight oz g		
CHP-001	[0.45] 11.50 [0.45] [0.45] [0.45] [0.45] [0.45] [0.45] [0.45] [0.45]	0.83	24	
CHP-002	[0.508] (0.12.90) (0.20) (0	0.23	6	

Attachment P/N	Description	Wei oz	ight g
CHP-002.1	[0.201] (9.5.10	0.35	10
CHP-003	[0.508] @1270 [0.394] 10 [0.394] [0.394]	0.4	11

Brake Controls Rudd'Air Pedals

Regulators Anti-skid

Parking Valves

Spare Parts

Tools

FAQs

Certified kits/STCs

Exp. Kits



Contacts	Attachment	Description	Wei	ght
Webshop	P/N	Description	OZ	g
BERINGER Aero Technologie	CHP-004	[0.254] 86.45 [0.394] [0.394] [0.312] [0.512] [0.512] [0.513]	0.39	11
History/ Values		[0,512]		
Wheels/Brakes	CHP-005		0.32	9
Nose-Tailwheels		(0.201) (0.201) (0.5,10)		
SensAIR® Tires	CHP-005.1	[0,512] 213	0.37	11
Wheel Axles		(0.201) (0.201) (0.5.10)		
Landing Gears ALG/B'FleX Shock Wheel	CHP-006	[0.374] 10 (0.374] 9.50	0.43	12
Hoses/Fittings		(S) [0,201] § (95,10		
Brake Controls Rudd'Air Pedals	CHP-007	[0.394]	0.79	22
Regulators Anti-skid	em oo,	(0,201) (0,201) (0,201) (0,201)	0.73	
Parking Valves		[0.512] \$\phi_{13}\$		
Spare Parts	CHP-008	(2.20) N	0.27	8
Tools		37		
FAQs		(0.374) (0.770) (0.770) (0.770)		
Certified kits/STCs	CHP-009	(0,240)	0.8	23
Exp. Kits		\$6.10		

Attachment P/N	Description	Wei oz	ight g
CHP-010	[0.512] (0.13) [0.413] [0.20] (0.20) (0.20) (0.46.10)	0.77	22
CHP-010.1	(0.64a) 16.40 (0.35i) (0.35i) (0.35i) (0.14i) (0.35i) (0.14i) (0.14i)	0.58	16.5
CHP-011	[0.546] 16.40 (0.551) (0.14) (0.57	0.27	8
AV-JONK-004	[0,433]	0.32	9,1
AV-APRK-009	[0.492] ©172.50 (0.314) AV-APRK-009(A) (0.314) (0.117) (0.119) (0.492) (0.49	0.65	18,5
ZM-001	[0.354] [0.254] [0.254]	0.78	22
BGE-011	[0.236] 6 [0.331] [2.50] [0.331] [3.50]	0.16	4.5

OUT

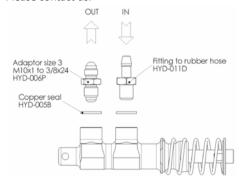
Attachments/Extenders for brake master cylinders

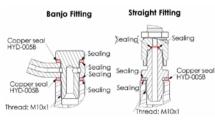
Extender P/N	Description		ight g
PGT-002	(0,201) (0,5,10) (0,748)	0.3	8.5
PGT-003	[0,201] (0,5,10 (0,984) (0,984)	0.37	10.5

Extender P/N	Description	We oz	ight g
PGT-003.1	[0.201] [0.5.10]	0.5	14.2
PGT-004	918 8	0.28	8
PGT-005	[6,7] [0,748]	0.36	10.2

Hydraulic fittings for master cylinders

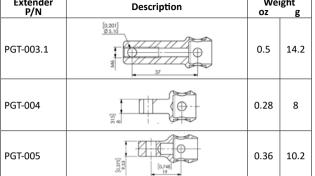
Only few exemples of hydraulic fittings and adaptors are shown. Many other combinations are available. The banjo screw is delivered. Please contact us.







Banjo screw



HYD-003P

Copper seal HYD-005B

Banjo 20° to size 3 : 3/8×24 HYD-002VC

Copper seal HYD-0058

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BERINGER Aero Technologie

Amorite Patents

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Wheels/Brakes

Nose-Tailwheels

SensAIR®

Wheel Axles

Tires

Landing Gears ALG/B'FleX Shock Wheel

Hoses/Fittings

Brake Controls Rudd'Air Pedals

Regulators Anti-skid

Parking Valves

Spare Parts

Tools

Fitting to rubber hose HYD-011D

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Amorite* Patents

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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

History/ Values	• The master cylinders that can be mounted in each lever are indicated but not included in the lever P/N.									
Wheels/Brakes	Levier only P/N	M. Cylinder (non included)		Description		Levier v	veight g			
Nose-Tailwheels	MP-004.1	MP-002.2		[3,937]		8.77	249			
SensAIR®			[1,575] 40 [1,181]							
Tires				[0,252] Ø6.40	•					
Wheel Axles				859						
Landing Gears ALG/B'FleX										
Shock Wheel			0	[2,244]	On the state of th					
Hoses/Fittings			0	57 Coble						
Brake Controls Rudd'Air Pedals			[0,197]	[1,303] [4,781] 33,10 121,44						
Regulators	MP-004.2	MP-002.2	[2.756]	[3,937]		16.06	455			
Regulators Anti-skid			[1,181]	1						
Parking Valves				[0.252] Ø6.40						
Spare Parts			FNFN	6 555 A						
Tools			(4) (4) (4)							
FAQs			0 0	[2,244]						
Certified kits/STCs			(0.197)	Cable						
Exp. Kits				[1,303] [4,781] 33,10 121,44						

					Contacts
Levier only P/N	M. Cylinder (non included)	Description	Levier v Lb	weight g	Webshop
MP-004.3	MP-002.8	[6,296] 199-92	9.3	264	BERINGER Aero Technologie
		la rei			Amorite Patents
		[1234]			History/ Values
					Wheels/Brakes
		2244			Nose-Tailwheels
		[1,303] [4,239] [4,239] [4,239]			SensAIR®
MP-004.4	MP-002.8	[6,296] 19922	17.11	485	Tires
		10.000			Wheel Axles
		[428]			Landing Gears ALG/B'FleX Shock Wheel
					Hoses/Fittings
		11360 (2,244) (2,244) (3,74) (1,303) (4,239) (3,33,10) (1,239) (1,304)			Brake Controls Rudd'Air Pedals
MP-004.5	MP-002.8	3.5.10 107.66 (1.14) - 2.7 [5.19]	9.58	272	Regulators Anti-skid
		(0.00)			Parking Valves
					Spare Parts
					Tools
					FAQs
		[1,80]			Certified kits/STCs
		[137] 6 163			Exp. Kits

Contacts					
Webshop	Levier only P/N	M. Cylinder (non included)	Description	Levier v Lb	g
BERINGER Aero Technologie	MP-004.6	MP-002.8		10.33	293
Amorite Patents History/ Values					
Wheels/Brakes					
Nose-Tailwheels SensAIR®			[1,300] [2,300] [1,300] [2,300]		
Tires	MP-004.7	MP-002.8		8.48	240
Wheel Axles			1 (1,300) (1,344)		
Landing Gears ALG/B'FleX Shock Wheel			tuni tuni tuni		
Hoses/Fittings Brake Controls Rudd'Air Pedals	MP-004.11	MP-002.2	Oracle Dept. Dep	4.26	121
Regulators Anti-skid Parking Valves			(1.204) (2.24) (2.24) (2.24) (2.24) (2.24) (2.24)		
Spare Parts Tools	MP-004.12	MP-002.8	[DAIN]	5.36	152
FAQs					
Certified kits/STCs Exp. Kits					
They trust us			L. d. J		

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

Contacts

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BERINGER Aero Technologie

Amorite 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

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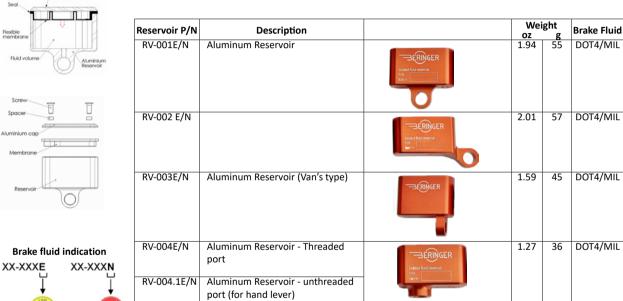
They trust us

Integral Reservoirs (Brake fluid)

Red aluminum reservoirs

Aluminium cap

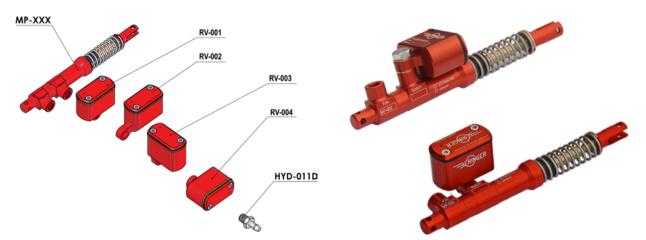
To be mounted directly on the master cylinders. Vertical or horizontal mounting, 180° rotable. The reservoirs are 100% tight, without any risk of leak. Available for DOT4 or Minéral brake fluid. Perfect for Aerobatic use.



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

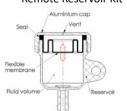
Reservoirs (Brake Fluid)

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		Weig oz	ght 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

Aluminium cap

Membrane

Reservoir

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

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BERINGER Aero Technologie

Amorite* Patents

History/ Values

Wheels/Brakes

They trust us

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 ø 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

Option: parking brake FP-004



Nose-Tailwheels	Master cylinder P/N	Description		Scheme	Weig oz	ght	Brake fluid
SensAIR®	MM-001	Master cylinder + built-in reservoir	8	[17]	10.41	295	DOT4
Tires				[3/]			
Wheel Axles	MM-001+PKP01	Master cylinder + built-in reservoir + parking brake			10.41	295	DOT4
Landing Gears ALG/B'FleX Shock Wheel			06	[0,4] [0,8] [1,3]			
	MM-003	Additionnal master cylinder (mounting in serie : co-pilot brake).	9		10.02	284	DOT4
Hoses/Fittings		To be used with MM-001 or MM-001)	S.R. Parking pin			
Brake Controls Rudd'Air Pedals				⊕7/8 - ⊕1' ⊕22 - ⊕2' ⊕22 - ⊕2'			
Regulators Anti-skid	MM-001.5	Master cylinder + built-in reservoir	310				
	IVIIVI-001.3	Yankee lever (for Y control stick)					-
Parking Valves							
Spare Parts							
Tools	LEV-001.1	Yankee lever for MM-001 or MM-001					
FAQs							
Certified kits/STCs	FP-004	Parking brake for MM-001 and MM-003	The same of the sa		0,1	3	-
Exp. Kits	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



Master cylinder P/N	Description	Weight oz g		Brake fluid
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



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

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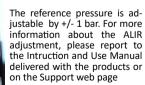
ALIR anti-skid Regulator A real advance in term of Safety

Dual ALIR Regulator



Single ALIR Regulator





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.

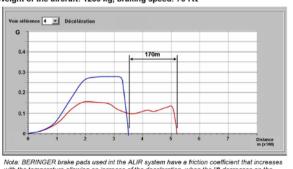
The ALIR system improves the control and dosage of the brakes and still allows differential braking while the pressure remains below the setpoint.

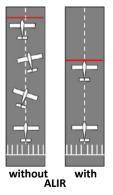
It prevents the wheel lock up at landing and the nose over for taildraggers, in case of overpressure on the brake pedals. Therefore it reduces the stopping distances.

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

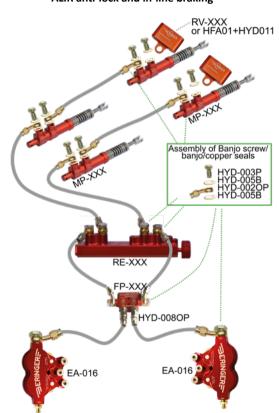




Note: BERINGER brake pads used int the ALIR system have a friction coefficient that increases with the temperature allowing an increase of the deceleration when the lift decreases on the wings.

Anti-lock Regulators / Pressure Limiters

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	ght g	Brake fluid	
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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BERINGER Aero Technologie

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SensAIR®

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Landing Gears ALG/B'FleX Shock Wheel

Hoses/Fittings

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They trust us



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Anti-lock Regulators / Pressure Limiters

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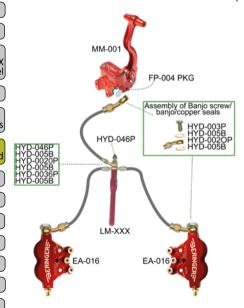
Certified kits/STCs

Exp. Kits

They trust us

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.

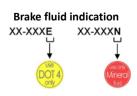
Caution: You must never mix the brake fluid: seals are different

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	iption Weight oz g		Brake fluid
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







Parking Brake Valve

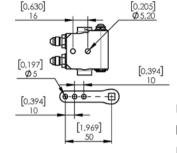


Parking Brake Valve

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



XX-XXXE	XX-XXXN
Ţ	Ţ
DOT 4	Minero

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

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

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SensAIR®

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Landing Gears ALG/B'FleX

Shock Wheel

Hoses/Fittings

Brake Controls Rudd'Air Pedals

Regulators Anti-skid

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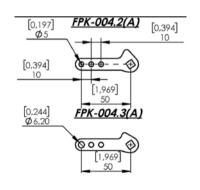
Certified kits/STCs

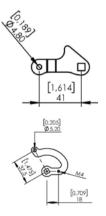
Exp. Kits

Parking Brake Valve

Contacts														
Webshop	Park. Valve	Output	Wei											
webshop	P/N		OZ	g										
BERINGER Aero Technologie					Closed									
Amorros Patents	FP-002	3/8"x 24	4.69	133										
History/ Values		5,5 <u>-</u> .												
Wheels/Brakes					3/8x24									
Nose-Tailwheels					21.8°									
SensAIR®					Closed									
Tires	FP-002.1	7/16"x 20	4.69	133	CT 18 5									
Wheel Axles	11 002.1	7710 X 20	., = = .	.,	., == ==	.,====	.,	., = = .	1.05	200				
Landing Gears ALG/B'FleX Shock Wheel					7/16×20									
Hoses/Fittings														
noses/Fittings					i ja									
Brake Controls Rudd'Air Pedals	FP-003	7/16"x 20	4.8	136	\$ 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5									
Regulators Anti-skid														7/16x20
Parking Valves														
Spare Parts														
Tools	FP-003.1	3/8"x 24	4.8	136										
FAQs		, -			X 8 # 1/									
Certified kits/STCs					3/8/24/									

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





Exp. Kits
They trust us

Spare parts

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

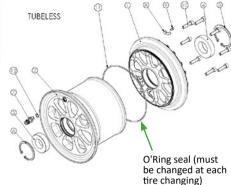


→ How to remove a tubeless tire



→ How to mount a tubeless tire





FLUID: MINERAL

Contacts

Webshop

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Amorite Patents

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Hoses/Fittings

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Regulators Anti-skid

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They trust us

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 disc

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





Tools

Contacts	P/N	Description	Photo / Scheme
Webshop BERINGER Aero	Av-PIL-101	Special wrench to tighten wheel caps BCH-001	
Technologie	KBA01E	Repair kit for BERINGER 2 piston Ø27 caliper - DOT4	
Amorite Patents	KBA01N	Repair kit for BERINGER 2 piston Ø27 caliper - MIL	
History/ Values	KER01E	Repair kit for aluminum integral reservoir - DOT4	
Wheels/Brakes	KER01N	Repair kit for aluminum integral	
Nose-Tailwheels	ONA01	Spray lubricant Tire Up	-
SensAIR®	ONB01	Spray anti-puncture	-
Tires	ONC01	Brake bleeding kit	T
Wheel Axles			
Landing Gears ALG/B'FleX Shock Wheel	00403	Death adaile of the short all a filtre	
Hoses/Fittings	OPA03	Bent adapter for wheel valve (tire inflate)	
Brake Controls Rudd'Air Pedals	OT160	Adapter for wheel valve (tire inflate) with fairing	
Regulators Anti-skid	OPA04	Wrench adapter for axle nut ECR-	
Parking Valves	01704	002 on FUS-009.2 (square 1/2")	
Spare Parts	OPA05	Wrench adapter for nut ECR-001 (square 3/4")	
Tools	OPA07	High pressure pump 0-20 bars	
FAQs			
Certified kits/STCs	OPA12	High pressure pump 0-30 bars	•
Exp. Kits			
They trust us			

P/N	Description	Photo / Scheme
OPA08	Wrench adapter for nut ECR-002 on AV-VANS-200 axle (square 1/2")	
OPA09	Milling cutter Ø20	621
OPA10	Wrench adapter for nut ECR-002	
OPA11	Wrench adapter for nut ECR-004 (square 3/4")	
OHT02	Metric tool kit	
OUT-046(A) (old OHT01)	Tightening tool for nut E-C-002 - M25x1.5 (hexagonal 19mm)	-
OUT-047	Tightening tool for nut E-C-001 and E-C-004 (hexagonal 19mm)	
OUT-078	Wrench for Rotax filter	
OT-001 OT-001.1	Tire mounting tool: • 6" HE wheel • all other 6" wheels	
OT-002	Tire mounting tool : 5" wheel	
OT-003	Wrench to tighten wheel caps BH-001 (BCH-005)	No.
OT-012	Tire mounting tool : 8" RF-10 wheel	



Welcome to our BERINGER Channel Tech Tips - News - Information

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BERINGER Aero Technologie

Amore Patents

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Nose-Tailwheels

SensAIR®

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Wheel Axles

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How to choose your wheels & brakes

Webshop

1- Select first the size of the tire you need

BERINGER Aero Technologie

2- Then select the wheel size required for this tire (use our application chart)

Amorite* Patents

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).

History/ Values

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:

Wheels/Brakes Nose-Tailwheels

SensAIR®

Tires

Wheel Axles

Landing Gears ALG/B'FleX Shock Wheel

W = Gross weight (lbs) 0.044 x W x V² Kinetic Energy [FT-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.

Hoses/Fittings

Brake Controls Rudd'Air Pedals How can I order BERINGER parts?

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

Regulators Anti-skid 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.

Parking Valves **Spare Parts**

Why are most BERINGER wheels made for tubeless tires? Tubeless has many advantages compared to tube type:

Tools

Safer (less risk of puncture)

FAQs

 Weight saving (a tube weights around 1 to 2 lbs) Cost effective (no tube means no tube to buy)

Certified kits/STCs

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.

Exp. Kits

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 \rightarrow mineral fluid \rightarrow red color \rightarrow MIL-PRF-87257 recommended EPDM seals \rightarrow DOT4 brake fluid \rightarrow colorless to amber color \rightarrow 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 MM-00-007



Amorite* Patents History/ Values

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

Wheels/Brakes

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.

Nose-Tailwheels

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.

SensAIR®

Tires

Wheel Axles

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

Landing Gears ALG/B'FleX Shock Wheel

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.

Hoses/Fittings

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

Brake Controls Rudd'Air Pedals

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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 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 palet 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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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)
	STC-013.1 STC-013.2 STC-014.1 STC-014.2 STC-014.3 STC-015 STC-016 STC-017.1 STC-017.2 STC-018 STC-018.3 STC-019.1 STC-019.2 STC-022.1 STC-022.4 STC-022.5 STC-022.6	STC-013.1 Diamond / DA42 STC-13.2 Diamond / DA42NG STC-014.1 Piper / PA-28 150/151/160/161 STC-014.2 Piper / PA-28 150/151/160/161 STC-014.3 Piper / PA-28 150/151/160/161 STC-015 DG Flugzeugbau / LS4 STC-016 Piper / PA-18 Cleveland/Grove STC-017.1 Piper / PA-46 310P/350P/350T STC-017.2 Piper / PA-46 500TP STC-018 Piper / PA-18 Cleveland/Grove STC-018.2 Piper / PA-18 Cleveland/Grove STC-018.3 Piper / PA-18 STC-018.3 Piper / PA-18 STC-019.1 Piper / PA-18 - Axle 1.5" STC-019.2 Piper / PA-18 - Axle 1.25" STC-021 Diamond / DA62 STC-022.1 Cessna / 180/182 with fairings STC-022.2 Cessna / 180/182 without fairings STC-022.3 Cessna / 180/182 without fairings STC-022.4 Cessna / 180/182 without fairings STC-022.5 Cessna / 182 - Tube LG STC-022.6 Cessna / 182 - Spring LG

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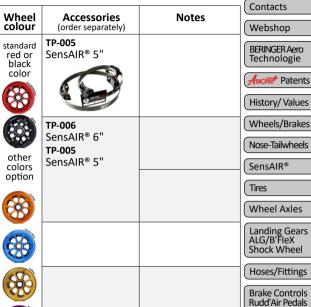
For Packing list and ICA please refer to this page ->





Aircraft Make/ Model	Wheel/Brake package P/N	Brake controls (included)	Nose wheel P/N (optional)	
Centrair / Pegase	STC-003 Wheel 5.00-5" *tire 5.00-5" Caliper/disc/pads Axle	1x master cylinder Reservoir Parking brake - Limiter Brake lines/fittings		
Cessna / 180/182 With fairings	STC-022.1 Wheels 6.00-6" Calipers/discs/pads Axles	2x master cylinders 3x Reservoirs Brake lines/fittings	STC-022.3 Wheel 5" Axle	
Cessna / 180/182 Without fairings	STC-022.2 Wheels 6.00-6" Calipers/discs/pads Axles	2x master cylinders 3x Reservoirs Brake lines/fittings	STC-022.4 Wheel 5" Axle	(
Cessna / 182 Tube LG	STC-022.5 Brake line set Bracket			
Cessna / 182 Spring LG	STC-022.6 Brake line set Bracket			(











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Regulators Anti-skid

Exp. Kits

Contacts Webshop	Aircraft Make/ Model	Wheel/Brake package P/N	Brake controls (included)	Nose wheel P/N (included)	Wheel colour	Accessories (order separately)	Notes
BERINGER Aero Technologie #woite* Patents History/ Values Wheels/Brakes Nose-Tailwheels	Cirrus / SR20/22/22T	STC-010 single brake Wheels 6.00-6" Calipers/discs/pads Axles	4x master cylinders Brake lines/fittings	Nose wheel 5" Axle	standard red or black color	TP-006 SensAIR® 6" TP-005 SensAIR® 5"	STC-010 must be ordered to Cirrus Direct
SensAIR® Tires Wheel Axles Landing Gears ALG/B'FleX Shock Wheel Hoses/Fittings	Cirrus / SR20/22/22T	STC-004 DUAL brake Wheels 6.00-6" Calipers/discs/pads Axles	4x master cylinders ALIR regulator Brake lines/fittings	Nose wheel 5" Axle	other colors option		





They trust us

Certified kits/STCs Exp. Kits

Parking Valves Spare Parts Tools FAQs

Aircraft Make/ Model	Wheel/Brake package P/N	Brake controls (included)	Nose wheel (included)	Wheel	Accessories (order separately)	Notes	(Contacts Webshop
DG Flugzeugbau / LS4	STC-015 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	TP-005 SensAIR® 5"		BERINGER Aero Technologie Auone Patents History/ Values
Diamond / DA40	STC-009.3 STC-009 Tundra Wheels 6.00-6" Calipers/discs/pads Axles	4x master cylinders 2x reservoirs Brake lines/fittings	Wheel 5.00-5" Axle	other colors option	TP-006 SensAIR® 6" TP-005 SensAIR® 5"		Wheels/Brakes Nose-Tailwheels SensAIR® Tires Wheel Axles
Diamond / DA42	STC-013.1 Wheels 6.00-6" Calipers/discs/pads Axles	4x master cylinders 2x reservoirs Brake lines/fittings	Wheel 5.00-5" Axle		TP-006 SensAIR® 6" TP-005 SensAIR® 5"	MTOW 1785kg or less	Landing Gears ALG/B'FleX Shock Wheel Hoses/Fittings
Diamond / DA42NG	STC-013.2 Wheels 6.00-6" Calipers/discs/pads Axles	4x master cylinders 2x reservoirs Brake lines/fittings	Wheel 5.00-5" Axle		TP-006 SensAIR® 6" TP-005 SensAIR® 5"	MTOW 1900kg or less	Rudd'Air Pedals Regulators Anti-skid Parking Valves Spare Parts
Diamond / DA62	STC-021 Wheels 6.00-6" Calipers/discs/pads Axles	4x master cylinders 2x reservoirs Brake lines/fittings	Wheel 6.00-6" Axle		TP-006 SensAIR® 6"		Tools FAQs Certified kits/STCs Exp. Kits They trust us

Contacts							
Webshop	Aircraft Make/ Model	Wheel/Brake package P/N	Brake controls (included)	Nose / Tailwheel (Included)	Wheel colour	Accessories (order separately)	Notes
BERINGER Aero Technologie	Extra Aircraft / Extra single seater	STC-012.1 Wheel 5.00-5" Caliper/disc/pads Axle/	2x master cylinders 2x reservoirs Brake lines/fittings		standard red or black	TP-005 SensAIR® 5"	
Amorite Patents		parts	, ,		color		
History/ Values	Extra Aircraft / Extra two seater	STC-012.2 Wheel 5.00-5"	4x master cylinders 2x reservoirs			TP-005 SensAIR® 5"	
Wheels/Brakes		Caliper/disc/pads Axle/	Brake lines/fittings				
Nose-Tailwheels	The stand	parts		C. 60	other		
SensAIR®					colors	D.	
Tires					Option		
Wheel Axles	Pilatus / PC-6	STC-002.1 Pilot brakes Wheels 12"	2x master cylinders ALIR regulator	Tailwheel 5.00-4" Axle			It is possible to switch from pilot STC
Landing Gears ALG/B'FleX Shock Wheel		Calipers/discs/pads Axles	Brake lines/fittings				to pilot+co-pilot STC
Hoses/Fittings		STC-002.2	4x master cylinders	Tailwheel 5.00-4"	(50)		
Brake Controls Rudd'Air Pedals		Pilot+Co-pilot brakes Wheels 12" Calipers/discs/pads	ALIR regulator Brake lines/fittings	Axle			
Regulators Anti-skid	ATA	Axles					
Parking Valves		STC-002.4 Pilot brakes Wheels 10"	2x master cylinders ALIR regulator	Tailwheel 5.00-4" Axle	(3)		
Spare Parts		Calipers/discs/pads Axles	Brake lines/fittings				
Tools		7 01103			(A)		
FAQs		STC-002.3 Pilot+Co-pilot brakes	4x master cylinders ALIR regulator	Tailwheel 5.00-4" Axle			
Certified kits/STCs	A PRINCE	Wheels 10" Calipers/discs/pads	Brake lines/fittings				
Exp. Kits	N. C. C.	Axles					
They trust us			_				

						Contacts
Aircraft Make/ Model	Wheel/Brake package P/N	Brake controls (included)	Landing gear	Wheel colour	Accessories (order separately)	Webshop
DG Flugzeugbau / LS4	STC-015 Wheel 4.00-5" *tire 11x4.00-5"	1x master cylinder Reservoir Parking brake		red or black color	TP-005 SensAIR® 5"	BERINGER Aero Technologie
	Caliper/disc/pads Axle/parts	Limiter Brake lines/fittings				Amorite Patents
						History/ Values
Piper / PA-18	60 M	STC-016 2x Heel master cylinders				Wheels/Brakes
Cleveland/Grove		2x heel levers		other colors		Nose-Tailwheels
brakes	1 Part	2x reservoirs		option		SensAIR®
_	9					Tires
Piper / PA-18	STC-019.2 Wheel 10"	2x Heel master cylinders 2x heel levers	STC-018 + STC-018-AXLE2			Wheel Axles
1.25" OEM axle	Calipers/discs/pads Adaptation parts for 1.25" LG	2x reservoirs	-ALG landing gear -Kit axles 1.5" for 6" wheels ABI-Cleveland-Grove)			Landing Gears ALG/B'FleX Shock Wheel
Piper /	STC-019.1	2x Heel master cylinders	ര്ഷാര	683		Hoses/Fittings
PA-18 1.50" OEM axle	Wheel 10" Calipers/discs/pads Adaptation parts for 1.50" LG	2x heel levers 2x reservoirs	ALG in Alaska			Brake Controls Rudd'Air Pedals
			Concert			Regulators Anti-skid
Piper / PA-18	STC-018.3 Wheel 6"	2x Heel master cylinders 2x heel levers	ALG landing gear (included)	683		Parking Valves
BERINGER ALG LG	Calipers/discs/pads Axles	2x reservoirs	(included)			
	Axies					Spare Parts
	STC-018.2	2x Heel master cylinders				Tools
and the same of th	Wheel 10" Calipers/discs/pads	2x heel levers 2x reservoirs				FAQs
	Axles	ZX TCSCI VOIIS				Certified kits/STCs
			- Charles			Exp. Kits

Contacts							
Webshop	Aircraft Make/Model	Wheel/Brake package P/N	Brake controls (included)	Nose / Tailwheel (Included)	Wheel colour	Accessories (order separately)	Notes
BERINGER Aero Technologie	Piper / PA-28 180/181	STC-014.2 Wheels 6.00-6" Calipers/discs/pads	4x master cylinders Brake lines/fittings	Nose wheel 6.00-6" Axle/parts	standard red or black	TP-006 SensAIR® 6"	The 3 STC's include pilot and co-pilot brakes
Amorite* Patents		Axles/parts	1		color		
History/ Values	3	(a)					
Wheels/Brakes					6		
Nose-Tailwheels	Piper / PA-28 150/151/160/161	STC-014.1 Wheels 6.00-6"	4x master cylinders Brake lines/fittings	Nose wheel 5.00-5" Axle/parts	other	TP-005 SensAIR® 5"	
SensAIR®	With wheel fairings	Calipers/discs/pads	brake lines/fittings	Axie/parts	colors	TP-006	
Tires		Axles/parts				SensAIR® 6"	
Wheel Axles	Piper / PA-28	STC-014.3	4x master cylinders	Nose wheel 5.00-5"			
Landing Gears ALG/B'FleX Shock Wheel	150/151/160/161 Wihout wheel fairings	Wheels 6.00-6" Calipers/discs/pads Axles/parts	Brake lines/fittings	Axle/parts		G Gman	
Hoses/Fittings	Piper / PA-46	STC-017.1	4x master cylinders	Nose wheel 5.00-5"		TP-005	The 2 STC's include
Brake Controls Rudd'Air Pedals	310P/350P/350T	Wheels 6.00-6" Calipers/discs/pads	Brake lines/fittings			SensAIR® 5" TP-006	pilot and co-pilot brakes
Regulators Anti-skid	u. al	Axles/parts				SensAIR® 6"	
Parking Valves							
Spare Parts						S rons	
Tools	Piper / PA-46 500TP	STC-017.2	4x master cylinders	Nose wheel 5.00-5"			
FAQs		Wheels 6.00-6" Calipers/discs/pads	Brake lines/fittings				
Certified kits/STCs		Axles/parts					
Exp. Kits							
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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
Pitts S1/S2	STCE-102* Wheels 5.00-5" *tires 5.00-5" Calipers/discs/pads Axles	2x master cylinders Reservoirs Brake lines/fittings		standard red or black color	TP-005 SensAIR® 5"	*STC owned by Air Projet	BERINGER Aero Technologie
	AXICS						History/ Value Wheels/Brak
Orte							Nose-Tailwhee
7	100			other colors option			SensAIR®
-		(all the					Tires
							Wheel Axles
							Landing Gear ALG/B'FleX Shock Wheel
(A)							Hoses/Fitting
							Brake Contro Rudd'Air Peda
	4)						Regulators Anti-skid
Robin / DR400	STC-006 Brake: caliper/disc/pads						Parking Valve
	Special flange/brake support						Spare Parts
N .	Support						Tools
							FAQs
							Certified kits/ST
American Section 1							Exp. Kits
		_					They trust us

G. Harda							
Contacts Webshop	Aircraft Make/ Model	Wheel/Brake package P/N	Brake controls (included)	Nose / Tailwheel (Included)	Wheel colour	Accessories (order separately)	Notes
BERINGER Aero Technologie	Schempp Hirth / Discus/Ventus 2A	STC-007 Wheel 4.00-5" *tire 11x4.00-5"	1x master cylinder Reservoir Brake lines/fittings			TP-005 SensAIR® 5"	
Amonto Patents	7	Caliper/disc/pads Axle/parts					
History/ Values		7,12				in Brent	
Wheels/Brakes Nose-Tailwheels	Schleicher / ASW20	STC-005 Wheel 5.00-5"	1x master cylinder Reservoir			TP-005 SensAIR® 5"	
SensAIR®		*tire 5.00-5" Caliper/disc/pads Axle/parts	Limiter Axle Brake lines/fittings				
Wheel Axles	-						
Landing Gears ALG/B'FleX Shock Wheel							
Hoses/Fittings	UAB / Lak 17A	STC-011 Wheel 5.00-5"	1x master cylinder Reservoir			TP-005 SensAIR® 5"	
Brake Controls Rudd'Air Pedals		*tire 5.00-5" Caliper/disc/pads Axle/parts	Parking brake Limiter Brake lines/fittings				
Regulators Anti-skid		The state of the s	Drane inico, name			1	
Parking Valves							
Spare Parts	Viking Air /			STC-008			
Tools	Twin Otter DHC-6			Nose wheel kit Wheel 8.9x12.5"			
FAQs Certified kits/STCs	1			Axle			
Exp. Kits	0						
They trust us							



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 recommand 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 palet of colors is also available for the wheels (refer to website) with an extra charge and leadtime.

















Contacts

Webshop

BERINGER Aero Technologie

Amorite 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

2)	*	Tires are optional and no	t part of the standard k	rits				
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	A2CZ / Ellipse	SEL01 Wheels 4.00-6" *tires 15x6.00-6"	1x master cylinder lever - reservoir parking brake	SAE01A wheel 4.00-6" *tire 13x5.00-6"	standard red or black		- SensAIR®	
Amoite Patents		Calipers/discs/pads Axles - Wheel caps	limiter Brake lines/fittings	axle	color			
History/ Values	0	7 Wiles Wileer cups	Brake iiiies/iiiciiigs					
Wheels/Brakes Nose-Tailwheels	Aero East	SLI01	1x master cylinder	6"			- SensAIR®	
SensAIR®	Europe / Sila	Wheels 4.00-6" *tires 15x6.00-6"	reservoir 1x pressure limiter	wheel 4.00-6" *tire 15x6.00-6"	other colors		1	
Tires	J Our	Calipers/discs/pads Axles - Wheel caps	Brake lines/fittings	axle	option		G sens	
Wheel Axles								
Landing Gears ALG/B'FleX Shock Wheel	Aero Super Guépard /	SGU01 Wheels 4.00-6"	1x master cylinder reservoir	Ask us, options available		Shock wheel : ask us, options	- SensAIR® - Co-pilot hand	There are several original LG:
Hoses/Fittings	Super Guépard	*tires 4.00-6" Calipers/discs/pads	parking brake limiter			available B'FleX LG	brake	ask us to make sure of the cor-
Brake Controls Rudd'Air Pedals		Axles - Wheel caps	Brake lines/fittings		(89)	11		rect dimensions
Regulators Anti-skid							13 m	
Parking Valves								
Spare Parts	Aeropilot /	SLG01 Wheels 4.00-6"	Brake lines/fittings	SLG01A wheel 3.50-4"			- SensAIR®	
Tools	Legend 540	*tires 4.00-6" Calipers/discs/pads		*tire 4.00-4"				
FAQs Certified kits/STCs		Axles - Wheel caps		ANIC			Sans Seens	
Exp. 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	Webshop		
Aeroprakt / A22/A32	SA201 new types SA202 first types Wheels 6.00-6" *tires 15x6.00-6" Calipers/discs/pads Axles - Wheel caps	1x master cylinder Reservoir Parking brake Limiter Brake lines/fittings	SA201A wheel 4.00-6" *tire 15x6.00-6" Axle	standard red or black color other colors option	- Shock Wheel - SPEED'AIR fairings	- SensAIR®		BERINGER Aero Technologie Patents History/ Values Wheels/Brakes Nose-Tailwheels SensAIR® Tires		
Aeropro / Eurofox	SEF01 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 pedal - Axles for Datun		Wheel Axles Landing Gears ALG/B'FleX Shock Wheel Hoses/Fittings Brake Controls Rudd'Air Pedals Regulators Anti-skid		
Aerospool / WT9 Club	SAE02 Wheels 4.00-6" *tires 15x6.00-6" Calipers/discs/pads Axles - Wheel caps	1x master cylinder Reservoir ALIR Regulator Brake lines/fittings	SAE02A wheel 4.00-6" *tire 13x5.00-6" Axle		- Shock Wheel	- SensAIR®		Parking Valves Spare Parts Tools FAQs Certified kits/STCs Exp. Kits They trust us		

Exp. Kits
They trust us

* Tires are optional and not part of the standard kits Contacts Aircraft Make/ Wheel/Brake Nose/Tailwheel Wheel Brake controls **Landing Gear** Notes Accessories Webshop Model package P/N P/N (optional) colour (included) (optional) (order separately) - SensAIR® BERINGER Aero SAE01 1x master cylinder SAE01A - Shock Wheel Aerospool / standard Technologie Wheels 4.00-6" wheel 4.00-6" Reservoir red or WT9 black *tires 15x6.00-6" *tire 13x5.00-6" **ALIR Regulator** Amorite* Patents color Calipers/discs/pads Brake lines/fittings Axle Axles - Wheel caps History/ Values Wheels/Brakes Nose-Tailwheels SAE03 1x master cylinder included: Shock Wheel - SensAIR® Aerospool / Wheels 5.00-5" Reservoir wheel 4.00-6" WT10 SensAIR® *tire 13x5.00-6" *tires 11x4.00-5" **ALIR Regulator** other Calipers/discs/pads Brake lines/fittings Axle colors Tires option Axles - Wheel caps Wheel Axles Landing Gears ALG/B'FleX Shock Wheel Hoses/Fittings SST07A 2x master cylinders - Shock Wheel - SensAIR® SSK05 (recent model) Airlony / Other colour SSK02 (first model) Reservoirs wheel 3.50-4" - SPEED'AIR - Parking brake options Skylane **Brake Controls** Wheels 4.00-6" ALIR regulator *tire 4.00-4" - Co-pilot brakes fairings Rudd'Air Pedals *tires 4.00-6" Brake lines/fittings Axle Regulators Calipers/discs/pads Anti-skid Wheel caps Parking Valves Spare Parts **SBJ02** - SensAIR® The axle must 2x master cylinders AirRes / Bücker Tools Wheels 6.00-6" Reservoirs Parking brake be machined Jungmeister Calipers/discs/pads **ALIR Regulator** from ø38.3 to FAQs Axles - Wheel caps Brake lines/fittings Certified kits/STCs

*	Tires are optional and no	ot part of the standard ki	ts					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
AirRes / Bücker Jungmann	SBJ01 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	BERINGER Aero Technologie #none* Patent: History/ Values Wheels/Brake: Nose-Tailwheels
Alpi Aviation / Pioneer P200/300 Kite	SPI01 Wheels 4.00-6" *tires 4.00-6" Calipers/discs/pads Axles - Wheel caps	1x master cylinder Reservoir Limiter Brake lines/fittings	SPI01A wheel 3.50-4" *tire 4.00-4" Axle	other colors option	Shock Wheel	- SensAIR® -Co-pilot hand brake		SensAIR® Tires Wheel Axles Landing Gears ALG/B FleX Shock Wheel
Alpi Aviation / Pioneer P300 RLG	SPI03 Wheels 4.00-6" *tires 4.00-6" Calipers/discs/pads Axles - Wheel caps	1x master cylinder Reservoir Limiter Brake lines/fittings	SPI01A wheel 3.50-4" *tire 4.00-4" Axle		Shock Wheel	- SensAIR® -Co-pilot hand brake		Hoses/Fittings Brake Controls Rudd'Air Pedals Regulators Anti-skid Parking Valves
Alpi Aviation / Pioneer P400	SPI02 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		Spare Parts Tools FAQs Certified kits/STCs Exp. Kits They trust us

Contacts	*	Tires are optional and no	t part of the standard ki	ts				
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	Apollo Aircraft Apollo Fox	SAP01 Wheels 4.00-6" *tires 6.00-6"		AV-POL-030 wheel 4.00-6" *tire 4.00-6"	standard red or black		- SensAIR®	Brake controls/ hydraulic/
Amorite Patents History/ Values	Triange 1	Calipers/discs/pads Axles		Axle	color			park brake : ask us, options available
Wheels/Brakes								available
Nose-Tailwheels	Apollo Aircraft Apollo Fox	SAP02 Wheels 6.00-6" Calipers/discs/pads	2x master cylinders Reservoirs		other	- Shock Wheel - SPEED'AIR	- SensAIR® - Parking brake	
SensAIR®		Axles- Wheel caps	ALIR Regulator Brake lines/fittings		colors option	fairings	- Co-pilot brakes	
Tires					ADD			
Wheel Axles	A A /	SAG03	1x master cylinder			- Shock Wheel	- SensAIR®	
Landing Gears ALG/B'FleX Shock Wheel	Argo Aero / Argon	Wheels 4.00-6" *tires 4.00-6" or	Reservoir Parking brake			- SPEED'AIR fairings	- Co-pilot brake	
Hoses/Fittings	4	15x6.00-6" Calipers/discs/pads Axles	Limiter Brake lines/fittings			4		
Brake Controls Rudd'Air Pedals	A STATE OF THE PARTY OF THE PAR							
Regulators Anti-skid	ASSO / Asso 5			AV-ALPI-230 Fork 4.65"			- SensAIR®	
Parking Valves				118mm wheel 3.50-4"				
Spare Parts	at the			*tire 4.00-4" Axle			D non	
Tools	ASSO /			AV-ALPI-230			- SensAIR®	
FAQs	Asso X			Fork 4.41" 112mm	_			
Certified kits/STCs				wheel 3.50-4" Axle				
Exp. Kits	- t							
They trust us								

*	Tires are optional and no	ot part of the standard ki	ts					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	Websho
ASSO / Vidor	SVID01 Wheels 4.00-6" *tires 4.00-6"Cali- pers/discs/pads Axles	2x master cylinders Reservoirs Brake lines/fittings		standard red or black color		- SensAIR®		BERINGER Technolo
ATEC / Faeta	SAF01 Wheels 4.00-6" *tires 4.00-6" Calipers/discs/pads Axles - Wheel caps	1x master cylinder Reservoir Parking brake Limiter Brake lines/fittings	SAZ01A wheel 3.50-4" *tire 4.00-4" Axle	other colors option	- Shock Wheel - SPEED'AIR fairings	- SensAIR® - Co-pilot hand brake		Wheels/E Nose-Tailv SensAIR Tires
ATEC / Zephyr	SAZ01 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	SAZ01A wheel 3.50-4" *tire 4.00-4" Axle		- Shock Wheel - SPEED'AIR fairings	- SensAIR® - Co-pilot hand brake		Landing ALG/B'Fld Shock W Hoses/Fit Brake Coo
AutoGyro / MTO Sport 2010	SAG01 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	SAG02A wheel 6" *tire 4.00-6" Axle		- Shock Wheel - SPEED'AIR fairings	- SensAIR®		Rudd'Air F Regulato Anti-skio Parking V Spare Pa
AutoGyro / Calidus	SAG01 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	SAG01A wheel 3.50-4" *tire 4.00-4" Axle					Tools FAQs Certified kit Exp. Kits

Contacts	* Tires are optional and not part of the standard kits									
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	AutoGyro / Cavalon	SAC01 Wheels 4.00-6" *tires 4.00-6"	Ask us, options available		standard red or black	- Shock Wheel - SPEED'AIR fairings	- SensAIR®			
Anone Patents		Calipers/discs/pads Axles - Wheel caps			color					
History/ Values Wheels/Brakes		•								
Nose-Tailwheels	Avid Flyer	SAF02 Wheels 6.00-6"	2x master cylinders Reservoirs	TW-001 GLR groundloop			- SensAIR® - Co-pilot brakes			
SensAIR®		*tires 15x6.00-6" or 6.00-6"	ALIR Regulator Brake lines/fittings	resistant Wheel 3.50-4"	other colors option		- GLR tailwheel bush TW-002	100		
Tires Wheel Axles		Calipers/discs/pads Axles - Wheel caps		*tire 2.80/2.50-4" TW support Levier/cable to						
Landing Gears ALG/B'FleX Shock Wheel				lock/unlock				(0)		
Hoses/Fittings	Avions Michel Barry /	2xWheels 6.00-6" *tires 22"	1x master cylinder Reservoir	TW-002 GLR groundloop		- ALG Landing Gear	- SensAIR® - Differentiel			
Brake Controls Rudd'Air Pedals	Sourisbulle MB04	Calipers/discs/pads Axles - Wheel caps	ALIR Regulator Brake lines/fittings	resistant Wheel 3.50-4" *tire 4.00-4"		1	brakes on rudder pedals			
Regulators Anti-skid	SIME .			TW support Levier/cable to						
Parking Valves				lock/unlock		45	St. Dunn			
Spare Parts	Backcountry /	SSQB01	2x master cylinders					6" wheels		
Tools	sQ	Wheels 8.50-10" *tires 22"	Reservoirs Brake lines/fittings					also avai- lable		
FAQs		(for OEM axle) Calipers/discs/pads								
Certified kits/STCs Exp. Kits		Wheel caps								
They trust us										

	* Tires are optional and n	ot part of the standard k	rits					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
Bearhawk Aircraft /	SBH01 Wheels 6.00-6" *tires 6.00-6"	Brake controls/ALIR Regulator/brake lines/fittings:		standard red or black		- SensAIR®		BERINGER Aero Technologie
Bearhawk 2 OEM axle 1.5"	Calipers/discs/pads	Ask us, options available		color				Amorite Patents
	Axles - Wheel caps	available				S. Brens		History/ Values
6								Wheels/Brakes
BEDE /	SBD02	Brake controls/ALIR	AV-BEDE-030	other		- SensAIR®		Nose-Tailwheels
BD4	Wheels 6.00-6" *tires 6.00-6"	Regulator/brake lines/fittings:	wheel 3.50-4" Axle	colors				SensAIR®
	Calipers/discs/pads Axles - Wheel caps	Ask us, options available						Tires
6								Wheel Axles
Blackshape / Blackshape Prime	SBL01 Wheels 4.00-6" *tires 4.00-6"	Brake lines/fittings				- SensAIR® - Parking brake		Landing Gears ALG/B'FleX Shock Wheel
	Calipers/discs/pads Axles - Wheel caps					1		Hoses/Fittings
								Brake Controls Rudd'Air Pedals
BOT Aircraft / Speed Cruiser	SBT01 Wheels 4.00-6"	1x master cylinder Reservoir	SBT01A wheel 4.00-5"			- SensAIR®		Regulators Anti-skid
	*tires 4.00-6" Calipers/discs/pads	Parking brake Limiter	*tire 11x4.00-5" Axle	(33)				Parking Valves
Tage A	Axles	Brake lines/fittings				O.m.		Spare Parts
Brandli /			AV-CHER-031			- SensAIR®		Tools
Cherry BX2			wheel 3.50-4" *tire 4.00-4"					FAQs
-			Axle					Certified kits/STCs
								Exp. Kits

Contacts	* Tires are optional and not part of the standard kits										
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	Breezer / B400/B600	SBR01 Wheels 5.00-5" *tires 5.00-5"	2x master cylinders Reservoirs ALIR Regulator	SBR01A wheel 3.50-4" *tire 4.00-4"	standard red or black	- Shock Wheel - SPEED'AIR fairings	- SensAIR® - Co-pilot hand brake				
History/ Values		Calipers/discs/pads Axles - Wheel caps	Brake lines/fittings	Axle	color	Lainings -	- Parking brake				
Wheels/Brakes							100				
Nose-Tailwheels SensAIR®	BRM / Citius Land Afrika Okavango tires ≤ 26"	SSV01 Wheels 6.00-6" *tires 15x6.00-6" Calipers/discs/pads Axles - Wheel caps	2x master cylinders Reservoirs ALIR Regulator Brake lines/fittings	SSV01A large fork Wheel 4.00-6" *tire 15x6.00-6"	other colors option	- Shock Wheel - SPEED'AIR fairings	- SensAIR® - Co-pilot brakes - Parking brake	-Nose wheel aircraft use Shock Wheel -Taildragger use ALG LG			
Tires Wheel Axles	Rudder pedal brakes	Tunes Times cups		or SSV02A narrow fork wheel 4.00-6"		Taildragger :		use rico co			
Landing Gears ALG/B'FleX Shock Wheel	1			*tire 4.00-6" Axle or TW-002 GLR		- ALG landing Gear + fuselage kit					
Hoses/Fittings Brake Controls Rudd'Air Pedals	W W			groundloop resistant TW Wheel 3.50-4" *tire 4.00-4"							
Regulators Anti-skid				TW support Levier/cable to lock/unlock							
Parking Valves	BRM /	SSV02 Wheels 6.00-6"	1x master cylinder	SSV01A		- Shock Wheel					
Spare Parts	Citius Land Afrika	*tires 15x6.00-6"	Reservoir Parking brake	large fork Wheel 4.00-6"		- SPEED'AIR fairings					
Tools	Okavango tires > 26"	Calipers/discs/pads Axles	Limiter Brake lines/fittings	*tire 15x6.00-6" Axle		11					
FAQs	Hand brake		, ,								
Certified kits/STCs											
Exp. Kits											
They trust us		<u> </u>				I					

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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
BRM Aero / XL8 Bristell	SBM04 Wheels 4.00-6" *tires 4.00-6"	SBM06 1x master cylinder Reservoir	SBM08 wheel 3.50-4" *tire 4.00-4"	standard red or black	- Shock Wheel - SPEED'AIR fairings	- SensAIR® - Co-pilot brake	Brake master cylinders fit any Wheel/	BERINGER Aero Technologie
	Calipers/discs/pads Axles - Wheel caps	Parking brake	Axle	color	Turrings		Brake kit.	Amorite Patents
	Axies - Wileel Caps	Brake lines/fittings					to mount	History/ Values
	Nun.				100	G 1000	pedal brake master cylin-	Wheels/Brakes
E 45				other			ders with the 6" wheel kit	Nose-Tailwheels
	SBM03	SBM09	SBM07	colors	- Shock Wheel	- SensAIR®	and a hand master cylin-	SensAIR®
	Wheels 5.00-5" *tires 5.00-5"	2x master cylinders Reservoirs	wheel 5" *tire 5.00-5"	option.	- SPEED'AIR fairings	- Co-pilot brakes	der with the 5" wheel kit	Tires
	Calipers/discs/pads Axles - Wheel caps	ALIR Regulator Brake lines/fittings	Axle		Turrings		5 WHEELKIL	Wheel Axles
	Axies - Wileel Caps	brake infestrictings						Landing Gears ALG/B'FleX
	SBM13 Wheels 6.00-6"	SBM09 2x master cylinders	SBM12 wheel 6"		- Shock Wheel - SPEED'AIR	- SensAIR® - Co-pilot brakes		Shock Wheel
	*tires 22"	Reservoirs	*tire 4.00-6"	(88)	fairings	- co-pilot brakes		Hoses/Fittings
	Calipers/discs/pads Axles - Wheel caps	ALIR Regulator Brake lines/fittings	Axle not in- cluded (contact					Brake Controls Rudd'Air Pedals
			BRM Aero)			0		Regulators Anti-skid
XL8 Bristell Taildragger	SBM11 Wheels 6.00-6"	SBM09 2x master cylinders	AV-BRM-620 GLR groundloop	333	- ALG landing gear	- SensAIR® - Co-pilot brakes		Parking Valves
ianuragger	*tires 22" Calipers/discs/pads	Reservoirs ALIR Regulator	resistant Wheel 4"		0-1			Spare Parts
	Axles - Wheel caps	Brake lines/fittings	TW support					Tools
1	1		Levier/cable to lock/unlock					FAQs
(35)								Certified kits/STCs
6 6								Exp. Kits
				1			1	

Cantanta	* 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	Century / Storm	STR01 Wheels 4.00-6" *tires 4.00-6"	1x master cylinder Reservoir Limiter	STR01A wheel 4.00-6" *tire 4.00-6"	standard red or black	- Shock Wheel ask us, options avai-	- SensAIR®				
Amoric* Patents		Calipers/discs/pads Axles - Wheel caps	Brake lines/fittings	Axle	color	lable					
History/ Values		runes which caps									
Wheels/Brakes Nose-Tailwheels	Cessna /	SBD01	2x master cylinders	SST11		- Shock Wheel	- SensAIR®	Non certi-			
SensAIR®	L19 Bird Dog	Wheels 6.00-6" Several tires available	Extenders Reservoirs	Scott mounting wheel 3.50-4"	other colors	1 1	- Co-pilot brakes - Parking brake	fied kit Tires 8.50-			
Tires		Calipers/discs/pads Axles - Wheel caps	Brake lines/fittings	*tire 4.00-4" Axle	option		- ALIR Regulator	6"6.00-6"			
Wheel Axles							and the same of th				
Landing Gears ALG/B'FleX Shock Wheel	Chatelain / AC11	SAC02 Wheels 5.00-5" *tires 5.00-5"	1x master cylinder Reservoir Limiter	AV-AC11-030 wheel 4.00-5" *tire 11x4.00-5"			- SensAIR® - Parking brake				
Hoses/Fittings		Calipers/discs/pads Axles - Wheel caps	Brake lines/fittings	Axle							
Brake Controls Rudd'Air Pedals	77	Axies - Wrieei Caps									
Regulators Anti-skid	Claude Piel / Emeraude	SEM01 Wheels 4.00-6" *tires 4.00-6"	2x master cylinders Reservoirs ALIR Regulator	STR01A wheel 4.00-6" *tire 4.00-6"			- SensAIR® - Parking brake	For original landing gear = Ø50mm,			
Parking Valves	CP301	Calipers/discs/pads	Brake lines/fittings	Axle			- Rudd'AIR pedal	other			
Spare Parts		Axles - Wheel caps						possibilities, contact us			
Tools											
FAQs											
Certified kits/STCs Exp. 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			
Colomban / Luciole MC30	SLU01 Wheels 3.50-4"	Ask us, options available		standard red or black		- SensAIR®	Other colors option	BERINGER Aero Technologie			
	*tires 4.00-4" Calipers/discs/pads			color				Amorite Patents			
O-LUCE.	Axles					3 mar		History/ Values			
								Wheels/Brakes			
								Nose-Tailwheels			
				other colors option				SensAIR®			
Compact	SML01	Ask us, options	AV-MIL-030	Ориоп		- SensAIR®		Tires			
Compositi /	Wheels 4.00-6" *tires 4.00-6"	available	Wheel 4" * tire 4.00-4"					Wheel Axles			
Millenium Master	Calipers/discs/pads Axles		Axle					Landing Gears ALG/B'FleX Shock Wheel			
				683				Hoses/Fittings			
								Brake Controls Rudd'Air Pedals			
						-		Regulators Anti-skid			
Czech Sport Aircraft /	SSC02 Wheels 5.00-5"	2x master cylinders Reservoirs	AV-CZE-030 Wheel 5"			- SensAIR® - Co-pilot brakes		Parking Valves			
Sportcruiser	*tires 5.00-5" Calipers/discs/pads	ALIR Regulator Brake lines/fittings	*tire 5.00-5" Axle			- Parking brake		Spare Parts			
вох 3 /	Axles - Wheel caps					1		Tools			
				(A)				FAQs			
								Certified kits/STCs			
								Exp. Kits			
								They trust us			

Contacts	* Tir	es are optional and not pa	rt of the standard kits				
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 #motie* Patents History/ Values Wheels/Brakes Nose-Tailwheels	Cubcrafters / Carbon Cub OEM LG	CCF05 Wheels 6.00-6" Calipers/discs/pads Adapters for 1.25" axle	2x master cylinders Reservoirs Brake lines/fittings	AV-CUBC-120(A) GLR groundloop resistant TW -wheel 3.50-4" * tire 4.00-4" -tailwheel support -lever/cable (not included) or SST10 (Matco mounting)	standard red or black color	ALG Landing Gear	- SensAIR® - ALIR regulator - Parking brake - Freins DUAL
SensAIR® Tires Wheel Axles Landing Gears ALG/B'FleX	***************************************	CCF07 Wheels 10" Calipers/discs/pads Adapters for 1.25" axle	2x master cylinders Reservoirs Brake lines/fittings	or SST11 (Scott mounting	other colors option	*	
Shock Wheel Hoses/Fittings Brake Controls Rudd'Air Pedals Regulators Anti-skid Parking Valves	Cubcrafters / Carbon Cub (ALG LG)	CarbonCUB-018.3 Wheels 6.00-6" Calipers/discs/pads Adapters for 1.25" Axle kit	2x master cylinders Reservoirs Brake lines/fittings Additional fitting kit	AV-CUBC-120(A) GLR groundloop resistant TW -wheel 3.50-4" * tire 4.00-4" -tailwheel support -lever/cable (not included) or SST10 (Matco mounting) or SST11 (Scott mounting			- SensAIR® - ALIR regulator - Parking brake - Freins DUAL
Spare Parts Tools FAQs Certified kits/STCs Exp. Kits		CarbonCUB-018.2 Wheels 10" Calipers/discs/pads Adapters for 1.25" Axle kit	2x master cylinders Reservoirs Brake lines/fittings Additional fitting kit				2

* -	Tires are optional and no	ot part of the standard ki	ts					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
DB4/ Fascination RLG	SFB01 Wheels 4.00-5" *tires 11x4.00-5" Calipers/discs/pads Axles	1x master cylinder Reservoir Parking brake Limiter Brake lines/fittings	AV-FASC-030 Fork 4.92" 125mm wheel 4.00-6" *tire 4.00-6" Axle AV-FASC-03	red or black color		- SensAIR® -Co-pilot hand brake		BERINGER Aero Technologie Audit* Patents History/ Values Wheels/Brakes
Fascination FLG	SFB02 Wheels 4.00-6" *tires 4.00-6" Calipers/discs/pads Axles Wheel caps	1x master cylinder Reservoir Parking brake Limiter Brake lines/fittings	Fork 4.72" 120mm wheel 4.00-5" *tire 11x4.00-5" Axle	other colors option				Nose-Tailwheels SensAIR® Tires Wheel Axles
Direct Fly / Alto 912	SAL02 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"		Landing Gears ALG/B'FleX Shock Wheel Hoses/Fittings Brake Controls Rudd'Air Pedals Regulators Anti-skid
Distar / Lambada	SLA01 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		Parking Valves Spare Parts Tools FAQs Certified kits/STCs Exp. Kits

Contacts	* Tires are optional and not part of the standard kits									
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	Dova Aircraft / Skylark	SD001 Wheels 4.00-6" *tires 15x6.00-6"	1x master cylinder Reservoir Parking brake	AV-DOV-030 wheel 4.00-6" *tire 4.00-6"	standard red or black		- SensAIR® - Co-pilot brake			
Amorre* Patents	1	Calipers/discs/pads Axles	Limiter Brake lines/fittings	Axle	color					
History/ Values Wheels/Brakes	30	Wheel caps					E inn			
Nose-Tailwheels										
SensAIR®	Dynaero / MCR	SDY03 Standard LG SDY01 Oleo LG	2x master cylinders Reservoirs	SDY02A wheel 3.50-4" *tire 3.00-4"	other colors		SensAIR®Co-pilot brake	- MCR01 standard LG and oleo		
Tires	Dynaero / MCR	Wheels 4.00-5" *tires 11x4.00-5" Calipers/discs/pads	ALIR Regulator Brake lines/fittings	Axle or SDY01A	option			gear have		
Wheel Axles		Axles - Wheel caps		wheel 4.00.5" *tire 11x4.00-5"				axles - Brake		
Landing Gears ALG/B'FleX Shock Wheel		SDY02 Standard LG + brakes	2x master cylinders Reservoirs	Axle			- SensAIR® - Co-pilot brakes	master cylin- ders can be		
Hoses/Fittings		between the seats Wheels 4.00-5"	ALIR Regulator Brake lines/fittings				- co-pilot brakes	mounte on the pedal or close to the		
Brake Controls Rudd'Air Pedals		*tires 11x4.00-5" Calipers/discs/pads	Brake intesymetings					hands		
Regulators Anti-skid		Axles - Wheel caps								
Parking Valves	Ekolot /	SEK01 Wheels 4.00-6"	1x master cylinder Reservoir	SEK02A narrow fork		- Shock Wheel - SPEED'AIR	- SensAIR® - Co-pilot brake	Shock Wheel:: If already		
Spare Parts	Topaz/Junior	*tires 4.00-6" Calipers/discs/pads	Parking brake	SEK01A large fork		fairings	- co-pilot brake	equipped with BERIN-		
Tools		Axles Wheel caps	Brake lines/fittings	wheel 4.00-6"				GER wheels,		
Certified kits/STCs		Trineer caps		axle			Sent Sent	changed		
Exp. Kits										
They trust us										

	* Tires are optional and n	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	Contacts Webshop	
ELA Aviacion / ELA Eclipse	SEL02 Wheels 4.00-6" *tires 4.00-6" Calipers/discs/pads Axles Wheel caps	1x master cylinder Bracket Reservoir Limiter Brake lines/fittings	AV-ELA-030 wheel 3.50-4" *tire 3.00-4" Axle	standard red or black color other colors	- Shock Wheel - SPEED'AIR fairings	- SensAIR®		BERINGER Aero Technologie Amorité* Patents History/ Values Wheels/Brakes Nose-Tailwheels SensAIR®	
Europa Aircraft Europa monowheel	SEU02 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		option		- SensAIR®	Europa nose wheel : ask us	Tires Wheel Axles Landing Gears ALG/B'FleX Shock Wheel Hoses/Fittings	
Evektor / Eurostar	SEU01 Wheels 4.00-6" *tires 15x6.00-6" Calipers/discs/pads Axles Wheel caps	2x master cylinders Reservoirs ALIR Regulator Brake lines/fittings	SEU01A wheel 4.00-6" *tire 13X5.00-6" axle		- Shock Wheel - SPEED'AIR fairings	- SensAIR® - Co-pilot brake - Parking brake		Brake Controls Rudd'Air Pedals Regulators Anti-skid Parking Valves Spare Parts	
Evektor / Sportstar	SEU01 Wheels 4.00-6" *tires 15x6.00-6" Calipers/discs/pads Axles Wheel caps	2x master cylinders Reservoirs ALIR Regulator Brake lines/fittings	SEU01A wheel 4.00-6" *tire 13X5.00-6" axle		- Shock Wheel ask us	- SensAIR® - Co-pilot brake - Parking brake		Tools FAQs Certified kits/STCs Exp. Kits	

* Tires are optional and not part of the standard kits

Contacts	7.11	res are optional and not	part of the standard kits					
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	F1 Aircraft / F1 Rocket	SRO02 Wheels 5.00-5"	2x master cylinders Brake lines/fittings		standard red or	(a para de la para dela para de la para de	- SensAIR® - Parking brake	
Amorite Patents	12 House	*tires 5.00-5" Calipers/discs/pads			black color		- ALIR regulator	
History/ Values Wheels/Brakes		Axles						
Nose-Tailwheels	Falcomposite / Furio	SFU01 Wheels 5.00-5"	4x master cylinders Reservoirs	SFU01A wheel 4.00-5"			- SensAIR®	
SensAIR®	Fullo	*tires 5.00-5" Calipers/discs/pads	ALIR Regulator Brake lines/fittings	*tire 11x4.00-5" Axle	other colors			
Tires		Axles			option		2300	
Wheel Axles								
Landing Gears ALG/B'FleX Shock Wheel	Falco / F8L Axle ø 30	SFA02 Wheels 5.00-5" *tires 5.00-5"	2x master cylinders Reservoirs Brake lines/fittings	SFA01A wheel 4.00-5" *tire 11x4.00-5"			- SensAIR® - Co-pilot brakes - ALIR regulator	
Hoses/Fittings		Calipers/discs/pads Axles	, 0	Axle			- Parking brake	
Brake Controls Rudd'Air Pedals	E							
Regulators Anti-skid								
Parking Valves								
Spare Parts	Falco / F8L Axle ø 31.75	SFA01 Wheels 5.00-5"	2x master cylinders Reservoirs	SFA01A wheel 4.00-5"			- SensAIR® - Co-pilot brakes	
Tools	FOL AXIE Ø 31.73	*tires 5.00-5"	Brake lines/fittings	*tire 11x4.00-5"			- ALIR regulator	
FAQs		Calipers/discs/pads Axles		Axle			- Parking brake	
Certified kits/STCs								
Exp. Kits								
They trust us								

* 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	Contacts Webshop	
Fantasy Air / Allegro	SAL01 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		BERINGER Aero Technologie #month Patents History/ Values Wheels/Brakes	
Fieseler / Storch	SST01 OEM axle 1" 25.4mm Wheels 4.00-6" Calipers/discs/pads Axles			other colors option		- SensAIR®		Nose-Tailwheels SensAIR® Tires Wheel Axles	
FK Aircraft / FK9 Mark III-IV-V-VI ELA	SFK01 Wheels 4.00-6" *tires 4.00-6" Calipers/discs/pads Axles Wheel caps	1x master cylinder Levier Reservoir Limiter Brake lines/fittings	SFK01A 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	Landing Gears ALG/B'FleX Shock Wheel Hoses/Fittings Brake Controls	
	SFK04 Wheels 3.50-4" Calipers/discs/pads Axles	1x master cylinder Levier Reservoir Brake lines/fittings	SFK01A Wheel 4.00-4" * tire 4.00-4" Axle					Rudd'Air Pedals Regulators Anti-skid Parking Valves Spare Parts	
FK Aircraft / FK12	SFK03 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)		Tools FAQs Certified kits/STCs Exp. Kits	

Contacts	*	Tires are optional and no	ot part of the standard k	kits				
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	Flight Design LiftAir /	SFD01 Wheels 4.00-6" *tires 4.00-6"	1x master cylinder Reservoir Limiter	SFD01A wheel 4.00-6" *tire 4.00-6"	standard red or black	- Shock Wheel ask us	- SensAIR® - Parking brake	
Amorite* Patents	CTSW 2007	Calipers/discs/pads	Brake lines/fittings	axle	color			
History/ Values		Axles+brackets Wheel caps						
Wheels/Brakes	100							
Nose-Tailwheels		SFD02	1x master cylinder	AV-FDES-0301				
SensAIR®	Flight Design LiftAir /	Wheels 4.00-6"	Reservoir	wheel 4.00-6"	other colors option			
Tires	CTLS	*tires 15x6.00-6" Calipers/discs/pads	Limiter Brake lines/fittings	*tire 4.00-6" axle	Option			
Wheel Axles		Axles+brackets Wheel caps						
Landing Gears ALG/B'FleX Shock Wheel								
Hoses/Fittings	Fly Synthesis /	SFS01	1x master cylinder	AV-FLIG-031			- SensAIR®	Tell us if ori-
Brake Controls Rudd'Air Pedals	Storch	Wheels 4.00-6" *tires 13x5.00-6" Calipers/discs/pads	Levier Reservoir Limiter	Wheel 3.50-4" *tire 4.00-4" - Axle or 6" wheel kit				ginal brakes are drum brakes
Regulators Anti-skid	A CONTRACTOR OF THE PARTY OF TH	Axles Wheel caps	Brake lines/fittings	Wheel 4.00-6" *tire 6.00-6" - Axle			G Gron	Sidiles
Parking Valves					(33)			
Spare Parts	Fly Synthesis /	SFS02 fixed LG	1x master cylinder				- SensAIR®	
Tools	Texan	Wheels 4.00-6" *tires 13x5.00-6"	Levier Reservoir					
FAQs		Calipers/discs/pads Axles - Wheel caps	Limiter Brake lines/fittings					
Certified kits/STCs	2 50	Anics - Wileel caps	Diane illies/ littings				- Brens	
Exp. Kits								
They trust us								

	* Tires are optional and i	not part of the standard	kits	I		I		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
Flying Machine Vampire	SVA01 Wheels 4.00-6"	1x master cylinder Reservoir	SVA01A wheel 4.00-6"	standard red or black		- SensAIR® - Co-pilot brake	Drilling of the spring	BERINGER Aero Technologie
Century	*tires 4.00-6" Calipers/discs/pads	Parking brake Limiter	*tire 4.00-6" axle	color			leaf must be validated	Amorite Patents
	Axles Wheel caps	Brake lines/fittings						History/ Values
	·							Wheels/Brakes
								Nose-Tailwheels
FlyLight/	SSK01	1x master cylinder	SSK01A	other colors	- Shock Wheel	- SensAIR®	If leaf gear	SensAIR®
Nynja	Wheels 4.00-6" *tires 4.00-6"	Reservoir Parking brake	wheel 4.00-6" *tire 4.00-6"	option	- B'FleX LG	- 8" wheels for DURO 21" and	is zicral, axles are	Tires
Swift Skyranger	or bush tires Calipers/discs/pads Axles - Wheel caps	Limiter	axle		U	27.5" tires	special. Main wheel kit P/N is SSK03	Wheel Axles
								Landing Gears ALG/B'FleX Shock Wheel
0 00	SSK06	1x master cylinder	SSK02A			D sens		Hoses/Fittings
	Wheels 6.00-6" *tires 22x8.50-6"	Reservoir Parking brake	(Large fork) wheel 6.00-6"					Brake Controls Rudd'Air Pedals
AL	Calipers/discs/pads Axles - Wheel caps	Limiter Brake lines/fittings	*tire 6.00-6" Special axle					Regulators Anti-skid
6								Parking Valves
	SSK04	1x master cylinder	4" nose wheel kit					Spare Parts
	Wheels 3.50-4" *tires 4.00-4"	Reservoir Parking brake	Wheel 3.50-4" *tire 4.00-4"	(A)				Tools
	or bush tires Calipers/discs/pads	Limiter Brake lines/fittings	Special axle					FAQs
	Axles - Wheel caps	Draite inites, itemige						Certified kits/STCs
								Exp. Kits
								They trust us

Contacts	*	Tires are optional and no	t part of the standard ki	its				
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	Fournier/ RF3	SRF01 Ultralight Wheel 4.00-6"	1x master cylinder Reservoir		standard red or black		- SensAIR®	Kit non certified
Amorite Patents		*tire 4.00-6" Caliper/disc/pads Axle	Parking brake Limiter Brake lines/fittings		color			
History/ Values		Axie	brake intestrictings					
Wheels/Brakes								
Nose-Tailwheels SensAIR®	Fournier/ RF3-RF4	SRF03 Certified type Wheel 5.00-5"	1x master cylinder Reservoir		other		- SensAIR®	Kit available only from
Tires	111	*tire 5.00-5" Caliper/disc/pads	Parking brake Limiter		colors option			Air Projet FR
Wheel Axles	7	Axle	Brake lines/fittings	1	(28)			
Landing Gears ALG/B'FleX Shock Wheel								
Hoses/Fittings	Fournier/ RF5	SRF04 Wheel 5.00-5" *tires 380x150-5"	1x master cylinder Reservoir				- SensAIR®	Kit non certified
Brake Controls Rudd'Air Pedals		Caliper/disc/pads Axle	Parking brake Limiter Brake lines/fittings		669			
Regulators Anti-skid		, with	Brake inies, recings				0200	
Parking Valves								
Spare Parts	Fournier/ RF9	SRF05 Wheel 4.00-5"	1x master cylinder Reservoir				SensAIR®Parking brake	Kit non certified
Tools	TOPS	*tires 11x4.00-5" Caliper/disc/pads	Limiter Brake lines/fittings				Also and	
FAQs Certified kits/STCs	rem	Axle						
Exp. Kits							3 ma	
They trust us								

	* Tires are optional and	l not part of the standar	* 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	Webshop					
Freccia / Sparviero	SPRO01 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		BERINGER Aero Technologie #month Patents History/ Values Wheels/Brakes					
G1 Aviation / G1 SPYL	SGA01 Wheels 6.00-6" *tires 15x6.00-6" Calipers/discs/pads Axles Wheel caps	1x master cylinder Reservoir Parking brake Limiter Brake lines/fittings	SGA01A (large fork) Wheel 4.00-6" *tire 15x6.00-6" Axle or SGA02A (narrow fork) 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		Nose-Tailwheels SensAIR® Tires Wheel Axles Landing Gears ALG/B'FleX					
GAZ'Aile	SGZ01 Wheels 4.00-5" *tires 11x4.00-5" Calipers/discs/pads Axles Wheel caps	1x master cylinder Reservoir Parking brake Limiter Brake lines/fittings	SGZ01A Wheel 3.50-4" *tire 4.00-4" - Axle or AV-GAZA-030 Fork 3.94" 100mm Wheel 3.50-4" *tire 4.00-4" - Axle or AV-GAZA-031 Wheel 4.00-5" *tire 11x4.00-5" Axle		Ask us, options avai- lable	- SensAIR® - Co-pilot brakes	4" and 6" wheels also available	Shock Wheel Hoses/Fittings Brake Controls Rudd'Air Pedals Regulators Anti-skid Parking Valves Spare Parts					
Genevation / Genev 01	SGE01 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		Tools FAQs Certified kits/STCs Exp. Kits They trust us					

L	Experimental/Non Certined wheel/brake kits											
Contacts	*	Tires are optional and n	ot part of the standard k	kits								
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	Glasair Aviation /	SGL02 Wheels 5.00-5"	2x master cylinders Reservoirs	SGL01A Wheel 4.00-5"	standard red or black	(optional)	- SensAIR® - Co-pilot brakes	Non certified kit				
Amorite* Patents	Glasair III RLG	*tires 5.00-5" Calipers/discs/pads	ALIR Regulator Brake lines/fittings	*tire 11x4.00-5" Axle	color							
History/ Values		Axles	, 0									
Wheels/Brakes							D. sens					
Nose-Tailwheels												
SensAIR®		SGL03	Ov mostor sulindors		other colors		- SensAIR®	Non certified kit				
Tires	Glasair Aviation /	Wheels 6.00-6"	2x master cylinders Reservoirs		option		- Sensaik*	Non certified kit				
Wheel Axles	Sportsman	Calipers/discs/pads B	ALIR Regulator Brake lines/fittings		(603)							
Landing Gears ALG/B'FleX Shock Wheel		Axles	-									
Hoses/Fittings	3 93						_					
Brake Controls Rudd'Air Pedals	Glasflügel/ Libelle H201	SHP01 Wheel 4.00-5" *tire 11x4.00-5"	1x master cylinder Reservoir Parking brake				-SensAIR®	Kit non certi- fied				
Regulators Anti-skid	4	Caliper/disc/pads Axle	Limiter Brake lines/fittings									
Parking Valves												
Spare Parts	Hami Nicellier	SMES01	2x master cylinders	AV-MENES-630			-SensAIR®					
Tools	Henri Nicollier Menestrel	Wheels 4.00-6" *tires 15x6.00-6"	Reservoirs ALIR Regulator	(GLR tailwheel) Wheel 3.50-4"			-Parking brake					
FAQs		Calipers/discs/pads	Brake lines/fittings	*tire 2.80/2.50-4"			-Rudd'AIR pedals					
Certified kits/STCs Exp. Kits		Axles Wheel caps		Tailwheel support Levier to lock/ unlock								

	* Tires are optional and i	* 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	Webshop					
HPH/ HPH 304S	SHP01 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®		BERINGER Aero Technologie Amonto Patents History/ Values Wheels/Brakes					
Humbert Aviation / Tetras Tetras Tetras new LG	STE01 Wheels 6.00-6" *tires 15x6.00-6" Calipers/discs/pads Axles - Wheel caps STE03 Wheels 6.00-6" *tires 15x6.00-6" Calipers/discs/pads Axles - Wheel caps	1x master cylinder Reservoir Parking brake Limiter Brake lines/fittings	AV-HUM-030 Wheel 3.50-4 Axle Tire : ask us	other colors option	-Shock Wheel	-SensAIR® -Parking brake -Co-pilot brake -Differentiel brakes on rudder in addition, hand actuated	- 8" wheels for DURO 21" and 27.5" tires also avai- lable -Datum skis mounting: order STE02 kit with spe- cial axles	Nose-Tailwheels SensAIR® Tires Wheel Axles Landing Gears ALG/B'FleX Shock Wheel Hoses/Fittings Brake Controls Rudd'Air Pedals Regulators					
Ibis Aircraft / Ibis			AV-IBIS-030 Wheel 4.00-6" * tire 15x6.00-6" Axle			-SensAIR®		Anti-skid Parking Valves Spare Parts Tools FAQs Certified kits/STCs Exp. Kits They trust us					

Contacts	* Tires are optional and not part of the standard kits										
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	ICP / Savannah Rudder brakes	SSV01 Tires <26" Wheels 6.00-6" *tires 15x6.00-6" Calipers/discs/pads	2x master cylinders Reservoirs ALIR Regulator Brake lines/fittings	SSV01A (fork 210mm) or SSV02A (fork 156mm)	standard red or black color	-Shock Wheel -B'Flex LG	-SensAIR® -Co-pilot brakes -Parking brake	-8" wheels for different tires avai- lable (same			
History/ Values Wheels/Brakes Nose-Tailwheels		Axles Wheel caps	brake lifes/fittings	or AV-SVNA-032 (fork 146mm) Wheel 4.00-6" -Axle *tire 15x6.00-6"				axle) only for Twin			
SensAIR® Tires Wheel Axles Landing Gears	ICP / Savannah Twin Taildragger	SSV01 Tires <26" Wheels 6.00-6" *tires 15x6.00-6" Calipers/discs/pads Axles Wheel caps	2x master cylinders Reservoirs ALIR Regulator Brake lines/fittings	AV-SVNA-620/630 (GLR tailwheel) Wheel 3.50-4" *tire: 2 sizes Tailwheel support Levier to lock/ unlock	other colors option	-Taildragger: ALG landing Gear + fuse- lage kit	-Special axles for Datum skis				
ALĞ/B'FleX Shock Wheel Hoses/Fittings Brake Controls Rudd'Air Pedals	ICP / Savannah Hand brake	SSV02 Tires <26" Wheels 6.00-6" *tires 15x6.00-6" Calipers/discs/pads Axles - Wheel caps	1x master cylinder Reservoir Parking brake Limiter Brake lines/fittings	SSV01A (fork 210mm) Wheel 4.00-6" *tire 15x6.00-6" Axle		-Shock Wheel -B'Flex LG	-SensAIR® -Yankee Levier				
Regulators Anti-skid Parking Valves Spare Parts	ICP / Savannah DUAL Rudder brakes	SSV03 Tires >26" Wheels 6.00-6" *tires 15x6.00-6" Etriers DUAL/discs/ pads Axles - Wheel caps	2x master cylinders Reservoirs ALIR Regulator Brake lines/fittings	SSV01A (fork 210mm) Wheel 4.00-6" *tire 15x6.00-6" Axle		X	-SensAIR® -Co-pilot brakes -Parking brake				
Tools	ICP / Ventura VLA	SSV05 Wheels 6.00-6" *tires 6.00-6"	2x master cylinders Reservoirs ALIR Regulator	SSV01A 6" Wheel Wheel 4.00-6" *tire 15x6.00-6"		_	-SensAIR® -Co-pilot brakes -Parking brake				
Certified kits/STCs Exp. Kits They trust us	and the same	Calipers/discs/pads Axles Wheel caps	Brake lines/fittings	Axle or AV-SVNA-430 5" Wheel 5.00-5" *tire 5.00-5" - Axle							

* 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	
Jabiru Aircraft/ Jabiru 170	SJU03 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®		
Jabiru Aircraft/ Jabiru 400/430	SJU01 5" WheelS 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®		
	SJU05 6" WheelS Wheels 6.00-6" *tires 6.00-6" Calipers/discs/pads Axles - Wheel caps	1x master cylinder Reservoir Parking brake Limiter Brake lines/fittings		❸❸		-SensAIR®	LG leg must be drilled for a fifth hole	





Contacts

Webshop

BERINGER Aero Technologie

Amoret 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

raiking valve

Spare Parts

Tools

FAQs

Certified kits/STCs

Exp. Kits

	*	Tires are optional and n	ot part of the standard	kits				
Contacts	Aircraft Make/	Wheel/Brake	Brake controls	Nose/Tailwheel P/N	Wheel	Landing Cook	Accessories	Notes
Webshop	Model	package P/N	(included)	(optional)	colour	Landing Gear (optional)	(order separately)	Notes
BERINGER Aero Technologie	JC Léger / Pataplume	SPA01 Wheels 4.00-6" *tires 6.00-6"	Contact us		standard red or black		-SensAIR® -Parking brake	
Amoite Patents	W ₃	Calipers/discs/pads Axles			color			
History/ Values	-	Wheel caps						
Wheels/Brakes	JMB Aircraft /	SVK01	2x master cylinders			- Shock Wheel	-SensAIR®	
Nose-Tailwheels	VL3	Wheels 4.00-6" *tires 6.00-6"	Reservoirs ALIR Regulator	<i>(fork 210mm)</i> Wheel 3.50-4		 SPEED'AIR fairings 	-Co-pilot brakes -Parking brake	
SensAIR®	1	Calipers/discs/pads Axles	Brake lines/fittings	*tire 4.00-4 Axle	other colors option	1		
Tires		Wheel caps		7 bile				
Wheel Axles	THE REAL PROPERTY.						3 m	
Landing Gears ALG/B'FleX Shock Wheel	Avions Jodel / D20 ULM	SJD01 Wheels 4.00-5" *tires 5.00-5"	2x master cylinders Reservoirs ALIR Regulator	TW-001 (GLR tailwheel) Wheel 3.50-4"			-SensAIR® -Co-pilot brakes -Parking brake	-The wheel axle fitting requires to
Hoses/Fittings		Calipers/discs/pads Axles	Brake lines/fittings	*tire 2.80/2.50-4" Tailwheel support			₩.a	weld a T1 bracket
Brake Controls Rudd'Air Pedals	PGT -	Wheel caps		Levier to lock/ unlock				-GLR TW may need some modi-
Regulators Anti-skid								fication
Parking Valves	Avions Jodel / Jodel 1.97" axle	SJD03 6" wheels with SJD05 6" wheels with	h fairings	TW-001 (GLR tailwheel)			-SensAIR® -Datum skis	
Spare Parts	(50mm)	Wheels 6.00-6" - *ti Calipers/discs/pads		Ask us, options available			mounting special parts	
Tools		Axles/spacers to well Brake controls : ask u						
FAQs		SJD04 5" wheels with	h fairinas				-SensAIR®	
Certified kits/STCs		Wheels 5.00-5" - *ti Calipers/discs/pads						
Exp. Kits		Axles/spacers to wel					3	
They trust us		Brake controls : ask ı	ıs					

	* Tires are optional and not part of the standard kits									
Aircraft Make/	Wheel/Brake	Brake controls	Nose/Tailwheel P/N	Wheel	Landing Cook	Accessories	Notes	Contacts		
Model	package P/N	(included)	(optional)	colour	Landing Gear (optional)	(order separately)	Notes	Webshop		
Avions Jodel / D112	SJD06 Wheels 4.00-6" - *tires 4.00-6"	Brake controls/ Reservoirs/PKG: ask us	TW-001 (GLR tailwheel) Ask us, options	standard red or black		-SensAIR®		BERINGER Aero Technologie		
	Calipers/discs/pads Axles	ask us	available	color				Amorite Patents		
	SJD02	2x master cylinders	TW-001			-SensAIR®	Other Jodel	History/ Values		
Avions Jodel / D140	Wheels 6.00-6" -	Reservoirs	(GLR tailwheel)			-Parking brake	types : ask	Wheels/Brakes		
Mousquetaire	*tires on demand Calipers/discs/pads	ALIR Regulator Brake lines/fittings	Ask us, options available				us	Nose-Tailwheels		
	Axle parts to weld	Brake intesynteings	avanasie	other colors				SensAIR®		
() I				option				Tires		
						AT Divin		Wheel Axles		
Joker / J300	SJO01 Wheels 6.00-6" *tires 15x6.00-6"	1x master cylinder Reservoir Parking brake	TW-001 (GLR tailwheel) Wheel 3.50-4"		-ALG L. gear + fuselage kit	-SensAIR® -Co-pilot brake	-installing the GLR TW may require	Landing Gears ALG/B'FleX Shock Wheel		
The state of the s	Calipers/discs/pads Axles	Limiter Brake lines/fittings	*tire 2.80/2.50-4" Tailwheel support				some modi- fication	Hoses/Fittings		
	Wheel caps	Drake iiiies, iittiiigs	Levier to lock/ unlock				Tied trott	Brake Controls Rudd'Air Pedals		
								Regulators		
Jonker /	JON02 Wheel 5.00-5"	Limiter Brake lines/fittings				-SensAIR®		Anti-skid		
JS1	*tire 5.00-5"	brake lifles/fittings						Parking Valves		
	Caliper/disc/pads Axle							Spare Parts		
	JON03 Wheel 5.00-5"	Brake on the control stick				D sens		Tools		
	*tire 5.00-5"	(for disabled pilot)						FAQs		
	Caliper/disc/pads Axle							Certified kits/STCs		
								Exp. Kits		

Contacts	* Tires are optional and not part of the standard kits											
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 Aucite Patents History/ Values Wheels/Brakes Nose-Tailwheels	Just Aircraft / Highlander	SSJ01 (OEM LG) SSJ02 (ALG LG) 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	-ALG L. gear	-SensAIR® -Parking brake	8" wheel option for DURO 21" /27.5" Co-pilot brakes included				
SensAIR® Tires Wheel Axles Landing Gears ALG/B'FleX Shock Wheel Hoses/Fittings	Just Aircraft / Superstol XL	SSJ01 Wheels 6.00-6" Etriers DUAL Brake discs/pads Axles Wheel caps SSJ03 Wheels 7.00-8"	4x master cylinders Reservoirs ALIR Regulator Brake lines/fittings 4x master cylinders Reservoirs		colors option		-SensAIR® -Parking brake -SensAIR® -Parking brake	Co-pilot brakes included Co-pilot brakes included				
Brake Controls Rudd'Air Pedals Regulators Anti-skid Parking Valves Spare Parts Tools FAQs Certified kits/STCs		Etriers DUAL Brake discs/pads Axles Wheel caps	ALIR Regulator Brake lines/fittings									
Exp. Kits They trust us												
Tricy trust us												

They trust us

	* Tires are optional and	not part of the standar	d 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
Kitfox Aircraft / Kitfox Shock Monster	SKT01 Wheels 6.00-6" Calipers/discs/pads Axles Wheel caps	4x master cylinders Reservoirs Brake lines/fittings	TW-001 (GLR tailwheel) Wheel 3.50-4" *tire 2.80/2.50-4" Tailwheel support	red or black color		-SensAIR® -Parking brake	-Installing the GLR TW may require some modi- fication	BERINGER Aero Technologie Amorité* Patents History/ Values
	SKT04 Wheels 8.00-6" Calipers/discs/pads Axles Wheel caps	4x master cylinders Reservoirs Brake lines/fittings	Levier to lock/ unlock	other colors option		0		Wheels/Brakes Nose-Tailwheels SensAIR®
Kitfox Aircraft / Kitfox Leaf gear	SKT02 Wheels 6.00-6" Calipers/discs/pads Axles Wheel caps	4x master cylinders Reservoirs Brake lines/fittings	TW-001 (GLR tailwheel) Wheel 3.50-4" *tire 2.80/2.50-4" Tailwheel support		-Shock Wheel	-SensAIR® -Parking brake	-Installing the GLR TW may require some modi- fication	Tires Wheel Axles Landing Gears ALG/B'FleX
	SKT03 Wheels 4.00-6" Calipers/discs/pads Axles Wheel caps	2x master cylinders Reservoirs Brake lines/fittings	unlock	evier to lock/ unlock -B tel mi	-Brake mas- ter cylinders must be validated	Shock Wheel Hoses/Fittings Brake Controls Rudd'Air Pedals		
	SKT06 Wheels 8.00-6" Calipers/discs/pads Axles Wheel caps	4x master cylinders Reservoirs Brake lines/fittings					-Installing the GLR TW may require some modi- fication	Regulators Anti-skid Parking Valves Spare Parts
Kitfox Aircraft / Kitfox 7SS	SKT05 Wheels 4.00-5" *tires 11x4.00-5" Calipers/discs/pads Axles Wheel caps	2x master cylinders Reservoirs ALIR regulator Brake lines/fittings	AV-KIT-730 Wheel 3.50-4" Axle Fork dimension must be validated			-SensAIR® -Parking brake	-Brake mas- ter cylinders must be validated	Tools FAQs Certified kits/STCs Exp. Kits

	*	Tires are optional and n	ot part of the standard k	rits				
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	Lambert/ Mission 106	SLA04 Wheels 6.00-6" *tires 22x8.50-6"	2x master cylinders Reservoirs ALIR regulator		standard red or black		-SensAIR® -Parking brake -Co-pilot brakes	
Anone Patents History/ Values	Joseph Too Pen	Calipers/discs/pads Axles Wheel caps	Brake lines/fittings		color		-co-pilot blakes	
Wheels/Brakes		SLC02	2	SLC01A			CompAID®	Earliest
Nose-Tailwheels SensAIR®	Lancair / Lancair 320/360 RLG	Wheels 4.00-5" *tires 11x4.00-5" Calipers/discs/pads	2x master cylinders Reservoirs ALIR regulator Brake lines/fittings	Wheel 4.00.5" *tire 11x4.00-5" Axle/special parts	other colors		-SensAIR® -Co-pilot brakes -Parking brake	types, please contact us
Tires	La Carlo	Axles - Wheel caps SLC08	2x master cylinders	SLC01A	option			
Wheel Axles		Wheels 5.00-5" *tires 5.00-5"	Reservoirs ALIR regulator	Wheel 4.00.5" *tire 11x4.00-5"				
Landing Gears ALG/B'FleX Shock Wheel		Calipers/discs/pads Axles - Wheel caps	Brake lines/fittings	Axle/special parts			3	
Hoses/Fittings	Lancair / Lancair Legacy	SLC01 Wheels 5.00-5"	2x master cylinders Reservoirs	SLC01A Wheel 5.00.5"	(77)		-SensAIR® -Co-pilot brakes	Nose wheel fork 5.5"
Brake Controls Rudd'Air Pedals	Barracuda	*tires 5.00-5" Calipers/discs/pads Axles - Wheel caps	ALIR regulator Brake lines/fittings	*tire 5.00-5" Axle/special parts			-Parking brake	(139.7mm)
Regulators Anti-skid	HISEOT COM					*		
Parking Valves	Lancair / Lancair IV	SLC06 Wheels 6.00-6"	2x master cylinders Reservoirs	SLC06A Wheel 5.00.5" *tire 5.00-5"			-SensAIR® -Co-pilot brakes	Nose wheel fork 5.5"
Spare Parts		*tires 6.00-6" Calipers/discs/pads Axles - Wheel caps	ALIR regulator Brake lines/fittings	Axle/special parts			-Parking brake	(139.7mm)
Tools		Axies - Wrieer caps						
FAQs	Lancair / Calima T90			AV-LANC-430 Wheel 4.00.5"			-SensAIR®	
Certified kits/STCs	A.			Axle				
Exp. Kits	7/11							
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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	Contacts Webshop		
Lockwood / Aircam	SARC01 Wheel 6.00-6" Calipers/discs/pads Axles	2x master cylinders Reservoirs ALIR Regulator Brake lines/fittings		standard red or black color		-SensAIR®		BERINGER Aero Technologie		
2	, which	prone investments				O man		History/ Values Wheels/Brakes		
M&M / Swift S1	SWI02 Wheel 4.00-5" *tire 336x115-5"	1x lever+master cylinder Reservoir Limiter		other		-SensAIR®	Non certified kit	Nose-Tailwheels SensAIR®		
	Caliper/disc/pads Axle - Wheel caps	Brake lines/fittings		option				Tires Wheel Axles		
Magni Gyro / M16-22	SMG01 M16-22 SMG04 M24	1x lever+master cylinder	SMG01A fork 123mm		-Shock Wheel -SPEED'AIR	-SensAIR® -Limiter	When Shock Wheel	Landing Gears ALG/B'FleX Shock Wheel Hoses/Fittings		
M24	Wheels 4.00-6" *tires 4.00-6" Calipers/discs/pads Axles - Wheel caps	Reservoir Brake lines/fittings	SMG02A fork 143mm Wheel 3.50-4" *tire 4.00-4"		fairings	-6" Reinforced tire wheel kit SMG03 M16-22 SMG06 M24	installed, Nose wheel kit must be SMG03	Brake Controls Rudd'Air Pedals		
O U	Axies Wileer caps		Axle			3101000 10124	and the wheel fairings must be cut	Regulators Anti-skid		
							(template delivered)	Parking Valves Spare Parts		
M16-22 Tundra M24 Tundra	SMG02 M16-22 SMG05 M24	1x lever+master cylinder	SMG03A Wheel 4.00-6"			-SensAIR® -Limiter		Tools		
	Wheels 4.00-6" *tires 6.00-6" Calipers/discs/pads Axles - Wheel caps	Reservoir Brake lines/fittings	*tire 4.00-6" Axle			9/		Certified kits/STCs Exp. Kits		

Contacts	* Tires are optional and not part of the standard kits										
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	Marcel Jurca Aviation / Sirocco MJ5	SSI01 Wheels 6.00-6" *tires 15x6.00-6" Calipers/discs/pads Axles+support to	2x master cylinders Reservoirs ALIR Regulator Brake lines/fittings		standard red or black color		-SensAIR®				
History/ Values Wheels/Brakes	Max Plan/	weld SBU01	2x master cylinders			-Shock Wheel	-SensAIR®				
Nose-Tailwheels SensAIR® Tires	Busard MP207	Wheels 5.00-5" *tires 336x115-5" Calipers/discs/pads Axles	Reservoirs ALIR Regulator Brake lines/fittings		other colors option	-SPEED'AIR fairings	-Parking brake				
Unding Gears ALG/B'FleX Shock Wheel Hoses/Fittings	Mudry / Cap 231	SMU03 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				
Brake Controls Rudd'Air Pedals Regulators Anti-skid Parking Valves Spare Parts	Murphy / Rebel Maverick	SMU01 SMU 02 Wheels 6.00-6" Calipers/discs/pads Axles - Wheel caps	Ask us, options available			ALG landing gear	-SensAIR®				
Tools FAQs Certified kits/STCs Exp. Kits	MX Aircraft / MXS	SMX01 Wheels 5.00-5" *tires 5.00-5" Calipers/discs/pads Axles Wheel caps	2x master cylinders Reservoirs Brake lines/fittings				-SensAIR® -Parking brake				

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	* Tires are optional and	l not part of the standar	d 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
Nando Groppo Trail /G70	SNG01 Wheels 6.00-6" *tires 15x6.00-6" Calipers/discs/pads Axles Wheel caps	2x master cylinders Reservoirs ALIR Regulator Brake lines/fittings	TW-001 (GLR tailwheel) Wheel 3.50-4" *tire 2.80/2.50-4" Tailwheel support Levier to lock/ unlock	standard red or black color	-Shock Wheel - ALG L. gear + fuselage kit	-SensAIR® -Parking brake	-Bigger main wheel tires are availbale. In that case, the GLR tailwheel kit must be	BERINGER Aero Technologie Auour Patents History/ Values Wheels/Brakes
	*tires DURO 21" or 27.5" Calipers/discs/pads Axles Wheel caps	2x master cylinders Reservoirs ALIR Regulator Brake lines/fittings	AV-GROP-620 (GLR tailwheel) Wheel 3.50-4" *tire 2.80/2.50-4" Tailwheel support Levier to lock/ unlock	other colors option			AV-GROP-630 (4.00-4" tire) -> Leaf must be changed and some adaptation is required	Nose-Tailwheels SensAIR® Tires Wheel Axles
Neukom / Elfe S4	5" wheel kit Wheel 5.00-5" *tire 380x150-5" Caliper/disc/pads Special parts axle	1x master cylinder Reservoir Brake lines/fittings				-SensAIR®		Landing Gears ALG/B'FleX Shock Wheel Hoses/Fittings Brake Controls Rudd'Air Pedals
Norécrin / Nord 1200/1201 1202/1203	SNR01 Wheels 6.00-6" *tires 6.00-6" Calipers/discs/pads Axles Wheel cans	2x master cylinders Reservoirs ALIR Regulator Brake lines/fittings	AV-NORD-030 Wheel 5.00-5" *tire 5.00-5" Axle			-SensAIR® -Parking brake	Non certified kit	Regulators Anti-skid Parking Valves Spare Parts Tools FAQs Certified kits/STCs Exp. Kits



	*	Tires are optional and n	ot part of the standard	kits				
Contacts	Aircraft Make/	Wheel/Brake	Brake controls	Nose/Tailwheel P/N	Wheel	Landing Gear	Accessories	Notes
Webshop	Model	package P/N	(included)	(optional)	colour	(optional)	(order separately)	
BERINGER Aero Technologie	Norman Aviation /	SKA01 Wheels 6.00-6" *tires 15x6.00-6"	2x master cylinders Reservoirs ALIR Regulator		standard red or black		-SensAIR® -Co-pilot brakes -Parking brake	
Amorite* Patents	Karatoo	Calipers/discs/pads	Brake lines/fittings		color		-raiking brake	
History/ Values	19210	Axles Wheel caps						
Wheels/Brakes				_				
Nose-Tailwheels	Pietenpol	2x AV-PIET-020 - 5.00-5" vintage	Optional : 2x master cylinders	SUP				Aluminum wheel /
SensAIR®		spoke wheels - *tires 3.50-19"	Reservoirs ALIR Regulator		other colors option			stainless steel spokes
Tires	000	vintage style/tubes Calipers/discs/pads	Brake lines/fittings		орион			·
Wheel Axles		Axles on demand Wheel caps						
Landing Gears ALG/B'FleX Shock Wheel	Pipistrel / Alpha Trainer	SPP02 Wheels 4.00-6"	1x master cylinder Levier	SPP01A Wheel 3.50-4"		-Shock Wheel -SPEED'AIR	-SensAIR® -Parking brake	
Hoses/Fittings	Velis Electro	*tires 4.00-6" Calipers/discs/pads		*tire 4.00-4" Axle		fairings		
Brake Controls Rudd'Air Pedals		Axles Wheel caps	Brake lines/fittings					
Regulators Anti-skid	Pipistrel /	SPP01	2x master cylinders	SPP01A Wheel 3.50-4"			-SensAIR® -Co-pilot brakes	Please give the dimen-
Parking Valves	Sinus-Virus	Wheels 4.00-6" *tires 4.00-6"	Reservoirs ALIR Regulator	* tire 4.00-4"- Axle or AV-PIP-631	682		-Parking brake	sion of the nose wheel
Spare Parts		Calipers/discs/pads Axles	Brake lines/fittings	Fork 5.12"/130mm Wheel 3.50-4"				fork
Tools		Wheel caps		* tire 4.00-4" - Axle or AV-PIP-930				
FAQs				fork=4.45"/113mm Wheel 3.50-4"				
Certified kits/STCs				* tire 4.00-4" -Axle Tailwheel kit : JC-01			O sens	
Exp. Kits				Wheel/tire 200x50				
They trust us				Special spacers				

	* Tires are optional and	not part of the standar	d 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
Pitts S1	SPT02 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		BERINGER Aero Technologie Anotic* Patents History/ Values
Pitts S2 Kristen Eagle	SPS01 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		Wheels/Brakes Nose-Tailwheels SensAIR® Tires Wheel Axles
Platzer / Kiebitz	SKI01 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		Landing Gears ALG/B'FleX Shock Wheel Hoses/Fittings Brake Controls Rudd'Air Pedals
Quercy	SQU01 Wheels 4.00-6" *tires 15.6.00-6" Calipers/discs/pads Axles - Wheel caps	2x master cylinders Reservoirs ALIR Regulator Brake lines/fittings	AV-QUE-030 Wheel 3.50-4" *tire 4.00-4" Axle			-SensAIR® -Co-pilot brakes -Parking brake -Rudd'AIR pedals		Regulators Anti-skid Parking Valves Spare Parts Tools
Rand Robinson KR2	SKR01 Wheels 3.50-4" *tires 4.00-4" Calipers/discs/pads Axles - Wheel caps	Brake controls : ask us				-SensAIR®		FAQs Certified kits/STCs Exp. Kits They trust us

Cantanta	*	Tires are optional and n	ot part of the standard l	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	Rans / Coyote S6 Recent type	SRA02 Wheels 6.00-6" Calipers/discs/pads Axles - Wheel caps	2x master cylinders Reservoirs Regulator Brake lines/fittings	AV-RANS-030 fork 3.87"/97.6mm Wheel 4.00-6" * tire - Axle	standard red or black color	-Shock Wheel -SPEED'AIR fairings	-SensAIR® -Co-pilot brakes except S7 -Parking brake	- GLR groundloop resistant tailwheel
History/ Values Wheels/Brakes Nose-Tailwheels	Wheels 6.00-6" Etriers DUAL Disques/Plaque Axles - Wheel ca		2x master cylinders Reservoirs Regulator Brake lines/fittings	or OEM axle screwed AV-RANS-031 fork 6.14"/156mm Wheel 4.00-6" * tire - Axle			W	installation may require some modi- fications. - A GLR type with smaller
SensAIR® Tires		SRA05 8" wheels Wheels 7.00-8" Calipers/discs/pads	2x master cylinders Reservoirs Regulator	or TW-002 (GLR tailwheel) Wheel 3.50-4"	other colors option			wheel is also available with tire
Wheel Axles Landing Gears ALG/B'FleX		Axles - Wheel caps	Brake lines/fittings	*tire 4.00-4" Tailwheel support Levier to lock/ unlock			Sent Sent	2.80/2.50-4"
Hoses/Fittings Brake Controls Rudd'Air Pedals	Rans / Coyote S6 1st type	SRA01 SRA06 axle 0.83" Wheels 6.00-6" Calipers/discs/pads Axles - Wheel caps	2x master cylinders Reservoirs Regulator Brake lines/fittings				-SensAIR® -Co-pilot brakes -Parking brake	
Regulators Anti-skid	Rans / S19	SRA03 Wheels 5.00-5" *tires 5.00-5"	2x master cylinders Reservoirs Regulator				-SensAIR® -Co-pilot brakes -Parking brake	
Parking Valves Spare Parts		Calipers/discs/pads Axles - Wheel caps	Brake lines/fittings				-raiking blake	
Tools FAQs	Rans / S21	SRA06 Wheels 6.00-6" *tires 6.00-6"	ask us Brake lines/fittings				-SensAIR®	
Certified kits/STCs Exp. Kits		Calipers/discs/pads Axles - Wheel caps					(Jones	
They trust us								

	* Tires are optional and	not part of the standard	d 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
Roko Airplanes Roko NG4	SMS01 Wheels 4.00-6" *tires 15.6.00-6"	2x master cylinders Reservoirs ALIR Regulator	Ask us, options available	standard red or black		-SensAIR® -Co-pilot brakes -Parking brake	5" main wheels avai- lable	BERINGER Aero Technologie
	Calipers/discs/pads Axles	Brake lines/fittings		color		Turking State	lubic	History/ Values
	Wheel caps							Wheels/Brakes
Rotor Flight	SDO02 Wheels 4.00-6"	1x master cylinder Reservoir	Ask us, options	other		-SensAIR®		Nose-Tailwheels SensAIR®
Dynamics / Dominator	*tires 4.00-6" Calipers/discs/pads	Parking brake Limiter	avallable	colors option				Tires
	Axles	Brake lines/fittings				Sens Sens		Wheel Axles
								Landing Gears ALG/B'FleX Shock Wheel
Rutan / Cozy Mark IV	SLC05 Wheels 5.00-5" *tires 5.00-5"	2x master cylinders Extenders Reservoirs	AV-COZ-030 Fork 5.12" Wheel 3.50-4"			-SensAIR® -Co-pilot brakes		Hoses/Fittings
	Calipers/discs/pads Axles	ALIR Regulator Brake lines/fittings	*tire 2.80/2.50-4" Axle			-Parking brake		Brake Controls Rudd'Air Pedals
3	Wheel caps							Regulators Anti-skid
								Parking Valves
Rutan / Dragon Fly	SDF01 Wheels 5.00-5"	2x master cylinders Reservoirs	SDR01A Wheel 3.50-4"			-SensAIR® -Co-pilot brakes		Spare Parts
Diagonity	*tires 5.00-5" Calipers/discs/pads	Brake lines/fittings	*tire 10x3.50-4" Axle			-Parking brake -ALIR Regulator		Tools
1	Axles Wheel caps					X		FAQs Certified kits/STCs
								Exp. Kits
								They trust us

	*	Tires are optional and n	ot 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	Rutan / Long'Ez	SLE01 Wheels 5.00-5" *tires 5.00-5"	2x master cylinders Reservoirs ALIR Regulator	SLE01A Wheel 3.50-4" *tire 2.80/2.50-4"	standard red or black		-SensAIR® -Co-pilot brakes -Parking brake	
Anone Patents History/ Values		Calipers/discs/pads Axles Wheel caps	Brake lines/fittings	Axle	color		Turking bruke	
Wheels/Brakes Nose-Tailwheels	1	White caps						
SensAIR®	Rutan / VariEze	SLE02 Wheels 4.00-5"	2x master cylinders Reservoirs	Ask us, options available	other colors option		-SensAIR® -Co-pilot brakes	
Tires Wheel Axles	The state of	*tires 11x4.00-5" Calipers/discs/pads Axles	ALIR Regulator Brake lines/fittings				-Parking brake	
Landing Gears ALG/B'FleX Shock Wheel		Wheel caps						
Hoses/Fittings Brake Controls	Schleicher / ASW17/ASW22	Wheel 5.00-5" *tire 5.00-5" Caliper/disc/pads	1x master cylinder Reservoir Limiter				-SensAIR®	Wheel spacer to be made by
Rudd'Air Pedals Regulators		Axle	Brake lines/fittings					yourself
Anti-skid Parking Valves	Sagrand	SSEA01	2x master cylinders				-SensAIR®	Wheels have
Spare Parts	Seamax / M22	Wheels 4.00-5" *tires 11x4.00-5"	Reservoirs Brake lines/fittings				-Parking brake	stainless steel bea-
Tools FAQs		Calipers/discs/pads Axles Wheel caps	State integriteings					rings
Certified kits/STCs Exp. Kits	AL H	TTTTCT CUPS						

Contacts

* 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
Skyleader 150/200	SSL01 Wheels 4.00-5" *tires 11x4.00-5"	1x master cylinder Reservoir Parking brake	SSL01A Wheel 3.50-4" *tire 4.00-4"	standard red or black		-SensAIR® -Rudder co-pilot brakes	SL400 : ask us	BERINGER Aero Technologie
07%	Calipers/discs/pads Axles - Wheel caps	Limiter Brake lines/fittings	Axle	color		DidNes		Anonii Patents
5 6 6								History/ Values Wheels/Brakes
SkyReach / Cheetah XLS	SCX01 Wheels 4.00-6"	1x master cylinder Reservoir	Ask us, options available			-SensAIR® -Co-pilot brake		Nose-Tailwheels
Cilectali ALS	*tires 4.00-6" Calipers/discs/pads	Parking brake Limiter	avaliable	other colors				SensAIR®
The state of the s	Axles/Parts Wheel caps	Brake lines/fittings		option				Tires
	SDA CO1	1. mastar culindar	SPAC01A			Sons AID®		Wheel Axles
Spacek / SD2	SPAC01 Wheels 4.00-6" *tires 4.00-6"	1x master cylinder Levier Reservoir	Wheel 3.50-4" *tire 4.00-4"			-SensAIR® -Parking brake		Landing Gears ALG/B'FleX Shock Wheel
	Calipers/discs/pads Axles Wheel caps	Limiter Brake lines/fittings	Axle					Hoses/Fittings
Team Aircraft /	SAB01 6" wheels	1x master cylinder				-SensAIR®		Brake Controls Rudd'Air Pedals
Airbike	Wheels 4.00-6" Calipers/discs/pads Axles	Reservoir Parking brake Limiter						Regulators Anti-skid
	Wheel caps	Brake lines/fittings						Parking Valves
7000						0		Spare Parts
	SAB02 5" wheels Wheels 5.00-5"	1x master cylinder Reservoir						Tools
	*tires 5.00-5" Calipers/discs/pads	Parking brake Limiter						FAQs
	Axles	Brake lines/fittings						Certified kits/STCs
	Wheel caps							Exp. Kits
								They trust us

Contacts	*	Tires are optional and n	ot part of the standard	kits			
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)
BERINGER Aero Technologie	Tecnam / P2002	STP05 Wheels 5.00-5" *tires 5.00-5"	1x master cylinder Extender Reservoir	STP02A Wheel 4.00-6" *tire 4.00-6"	standard red or black		-SensAIR®
Amonto Patents	1000	Calipers/discs/pads Axles	Limiter Brake lines/fittings	Axle	color		
History/ Values Wheels/Brakes		Wheel caps					
Nose-Tailwheels	Tecnam / P2008	STP02 Wheels 5.00-5" *tires 5.00-5"	1x master cylinder Brake lines/fittings	STP02A Wheel 4.00-6" - *tire 4.00-6"- Axle or AV-TEC-231 fork 5.06" 128.5mm	other		-SensAIR®
SensAIR® Tires	1 15	Calipers/discs/pads Axles		Wheel 4.00-6" - * tire 6.00-6" Axle or AV-TEC-232 fork 5.41" 137.5mm	colors option		
Wheel Axles		Wheel caps		Wheel 4.00-6" - *tire 4.00-6" Axle			
Landing Gears ALG/B'FleX Shock Wheel	Tecnam / P92	STP01 school use Wheels 5.00-5" *tires 5.00-5"	1x master cylinder Reservoir Limiter	STP03A Wheel 4.00-6" - *tire 4.00-6"- Axle or AV-TEC-232 fork 5.41" 137.5mm		-Shock Wheel -SPEED'AIR fairings	-SensAIR [®]
Hoses/Fittings Brake Controls		Calipers/discs/pads Axles Wheel caps	Brake lines/fittings	Wheel 4.00-6" - *tire 4.00-6" -Axle or AV-TEC-630 fork 5.41" 137.5mm Wheel 3.50-4" - *tire 4.00-4" -Axle			
Rudd'Air Pedals Regulators Anti-skid		STP03 private use Wheels 4.00-6" *tires 4.00-6"	1x master cylinder Reservoir Limiter				
Parking Valves		Calipers/discs/pads Axles Wheel caps	Brake lines/fittings				
Spare Parts	Tecnam /	STP04	1x master cylinder	STP04A		-Shock Wheel	-SensAIR®
Tools	P96	Wheels 5.00-5" *tires 5.00-5"	Reservoir Limiter	Wheel 5.00-5" - *tire 5.00-5"- Axle		-SPEED'AIR	SCHSAIN
FAQs Certified kits/STCs		Calipers/discs/pads Axles	Brake lines/fittings			fairings	
Exp. Kits		Wheel caps					
They trust us							

They trust us

* -	Tires are optional and not part of t	he 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)	Webshop
TL Ultralight / Condor TL-232	SLC05 Wheels 6.00-6" *tires 6.00-6"	1x master cylinder Reservoir Parking brake		standard red or black		-SensAIR®	BERINGER Aero Technologie
	Calipers/discs/pads Axles	Limiter Brake lines/fittings		color			Anone Patents
THE STREET		brake lines/fittings					History/ Values
TL Ultralight /	SSC01 Wheels 4.00-5"	2x master cylinders Reservoirs	AV-STING-033 fork 5.16" 131mm		Shock Wheel dimensions	-SensAIR® -Co-pilot brakes	Wheels/Brakes
Sting Carbon	*tires 11x4.00-5" Calipers/discs/pads	ALIR Regulator Brake lines/fittings	1x wheel 3.50-4" * tire 4.00-4" - Axle	other	and drawing of the spring	-Parking brake	Nose-Tailwheels
T. A	Axles/Parts - Wheel caps	brake lines/fittings	or AV-STING-032 fork 5.71" 145mm	colors option	leaves must be checked	A SE	SensAIR® Tires
6			Wheel 3.50-4" - Axle		be checked		Wheel Axles
	SSC03 SSC04 leaf gear 36mm Wheels 4.00-6" *tires 4.00-6"	2x master cylinders Reservoirs ALIR Regulator Brake lines/fittings					Landing Gears ALG/B'FleX Shock Wheel
	Calipers/discs/pads Axles/Parts - Wheel caps						Hoses/Fittings
Sting carbon Leaf gear	SSC05 Wheels 4.00-6"	2x master cylinders Reservoirs	AV-STING-031 1x wheel 4.00-6			-SensAIR® -Co-pilot brakes	Brake Controls Rudd'Air Pedals
special drilling	*tires 4.00-6" Calipers/discs/pads Axles - Wheel caps	ALIR Regulator Brake lines/fittings	* tire 4.00-6" 1x axle			-Parking brake	Regulators Anti-skid
Sting carbon	SSC06	2x master cylinders	AV-STING-031			-SensAIR®	Parking Valves
Leaf gear 31mm + fairings	Wheels 4.00-6" *tires 4.00-6"	Reservoirs ALIR Regulator	1x wheel 4.00-6 * tire 4.00-6"			-Co-pilot brakes -Parking brake	Spare Parts
r junnigs	Calipers/discs/pads - Axles	Brake lines/fittings	1x axle			. 0	Tools
TL3000-Sirius	SSC07 Wheels 4.00-6"	2x master cylinders Reservoirs	AV-STING-031 1x wheel 4.00-6			-SensAIR® -Co-pilot brakes	FAQs
VAL	*tires 15x6.00-6" Calipers/discs/pads - Axles	ALIR Regulator Brake lines/fittings	* tire 4.00-6" 1x axle			-Parking brake	Certified kits/STCs
To	23p 3.07 0.0007 p 0.000 7 b 1000						Exp. Kits

-	*	Tires are optional and n	ot 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	TLAC / Sherwood	SSH01 Wheels 4.00-6" *tires 21x8.00-6"	1x master cylinder Reservoir Parking brake		standard red or black		-SensAIR® -Co-pilot brake	
Anone Patents	Ranger	Calipers/discs/pads Axles	Limiter Brake lines/fittings		color			
History/ Values Wheels/Brakes	- AN	Wheel caps	, ,				Suns .	
Nose-Tailwheels	UAB /	SLA02	1x master cylinder				-SensAIR®	
SensAIR® Tires	Lak 17B	Wheel 5.00-5" *tire 336x115x5"	Reservoir Limiter		other colors option			
Wheel Axles		Caliper/disc/pads Axle	Brake lines/fittings				() () () () ()	
Landing Gears ALG/B'FleX Shock Wheel	UAB / Mini Lak	SLA03 Wheel 3.50-4"	1x master cylinder Reservoir				-SensAIR®	
Hoses/Fittings Brake Controls Rudd'Air Pedals		*tire 4.00-4" Caliper/disc/pads Axle	Limiter Brake lines/fittings					
Regulators Anti-skid		014/704	4	Tiv 000			C AID®	0.1
Parking Valves	Ulbi/ Wild Thing	SWT01 Wheels 6.00-6" *tires 15X6.00-6"	1x master cylinder Reservoir Parking brake	TW-002 GLR tailwheel Wheel 3.50-4"		ALG landing gear	-SensAIR® -Co-pilot brakes	Other tires available
Spare Parts		Calipers/discs/pads Axles	Limiter Brake lines/fittings	* tire 4.00-4" Tailwheel support		A AC		
Tools FAQs		Wheel caps		Levier to lock/ unlock				
Certified kits/STCs							0.00	
Exp. Kits								

	* Tires are optional and	I not part of the standard	d 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
Ultralight Concept / Stampe SV4	STA01 Wheels 4.00-6" *tires 4.00-6"	1x master cylinder Reservoir Parking brake	AV-STAMP-030 Wheel 200-500 *tire 200x50	standard red or black	ALG landing gear	-SensAIR® -Co-pilot brake		BERINGER Aero Technologie
Stampe 545	Calipers/discs/pads Axles	Limiter Brake lines/fittings	(tire +tube) Special parts	color				Amorite Patents
	Wheel caps		GLR groundloop					History/ Values
Marie Control of the	STA03 Wheels 7.00-8"	1x master cylinder Reservoir	resistant TW :		- F	Sa Sens		Wheels/Brakes
	*tires 21" or 27.5"	Parking brake	ask us	other				Nose-Tailwheels Sons ALR®
	Calipers/discs/pads Axles	Brake lines/fittings		colors option				SensAIR® Tires
	Wheel caps							Wheel Axles
	STA04 Wheels 6.00-6"	1x master cylinder Reservoir			ALG landing gear			
	*tires 22x8.50-6" Calipers/discs/pads	Parking brake Limiter			(requires modi- fication on the			Landing Gears ALG/B'FleX Shock Wheel
	Axles Wheel caps	Brake lines/fittings			fuselage)			Hoses/Fittings
	·							Brake Controls Rudd'Air Pedals
Ultravia / Pelican	SPE01 Wheels 6.00-6"	2x master cylinders Reservoirs				-SensAIR® -Co-pilot brakes	Several types of tires avai-	Regulators
made Park	Calipers/discs/pads Axles	ALIR Regulator Brake lines/fittings				-Parking brake	lable	Anti-skid
100	Wheel caps					1		Parking Valves
								Spare Parts
Urban Air / Samba XXL	SBA01 Wheels 4.00-6"	1x master cylinder Reservoir				-SensAIR® -Co-pilot brake		Tools
Julius 75.2	*tires 4.00-6" Calipers/discs/pads	Parking brake Limiter						FAQs
2.013	Axles Wheel caps	Brake lines/fittings						Certified kits/STCs
	Wileer caps	1				D. son		Exp. Kits
								They trust us

ŀ	experimental/Non Cert							
Contacts	* Tires are	optional and not part of the stan	dard kits					
Webshop	Aircraft Make/Model	Wheel/Brake package P/N	Brake controls (included)	Nose/Tailwheel P/N (optional)	Wheel colour			
BERINGER Aero Technologie	Van's /RV3	SRVC003 Wheels 5.00-5" *tires 11x4.00-5"	2x master cylinders Brake lines/fittings		standard red or black			
History/ Values		Calipers/discs/pads Axles			color			
Wheels/Brakes Nose-Tailwheels	RV4/6/7/8/9/10/12/14 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.						
SensAIR® Tires			Brake controls		other colors option			
Wheel Axles		SRVFU01 Fuselage kit 2x master cylinders - Brake l						
Landing Gears ALG/B'FleX Shock Wheel		SRVFU02 Fuselage kit + co-pilot brakes 4x master cylinders - Brake lines/fittings						
Hoses/Fittings Brake Controls		SRVFU03 Fuselage kit + parking brake 2x master cylinders - Parking brake - Brake lines/fittings						
Rudd'Air Pedals		SRVFU04 Fuselage kit + co-pilot brakes + parking brake 4x master cylinders - Parking brake - Brake lines/fittings						
Regulators Anti-skid		Wheel/Bra	ake package P/N	Nose/Tailwheel P/N (optional)				
Parking Valves Spare Parts	RV4/6-6A/7-7A RV8-8A/9-9A	SRV02A Nose wheel 4.00-5" *tire 11x4.00-5" - Axle						
Tools FAQs	RV8 Grove LG	SRVFI03 5" Wheel/Brake fin 2x wheels 5.00-5" - * tires 5 Calipers/discs/pads - Axles -	SRV02A Nose wheel 4.00-5" *tire 11x4.00-5" - Axle					
Certified kits/STCs Exp. Kits	The Report	SRVFI09 6" Wheel/Brake finish kit 2x wheels 6.00-6" - * tires 6.00-6" Calipers/discs/pads - Axles - Brake lines/fittings						
The terms of the								

Contacts
Webshop

BERINGER Aero Technologie

Anour 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

* Tires are optional and not part of the standard kits

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

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Contacts		Tires are optional and r	ot part of the standard	1 KITS					
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	Velocity			AV-VEL-020 Fork 4.2" 106.68mm Wheel 4.00-5" *tire 11x4.00-5"-Axle	stan- dard red or black		-SensAIR®		
History/ Values	Velocity XL			SVE01A Fork 5.77" 146.5mm					
Wheels/Brakes				Wheel 5.00-5" *tire 5.00-5"-Axle					
Nose-Tailwheels SensAIR®	Zenith Aircraft/ CH601	SZH05 or SZH08 Wheels 4.00-6"	1x Yankee master cylinder (reservoir	SZH06A Wheel 6.00-6"	other	-Shock Wheel -SPEED'AIR	-SensAIR® -Pedal brakes	Yankee master cylinder	
Tires	X	*tires 15x6.00-6" Calipers/discs/pads	/parking brake) Limiter	*tire 4.00-6" - Axle or AV-ZENI-630 <i>Tail</i> -	colors	fairings	(to be checked depending on		
Wheel Axles		Axles/parts Wheel caps	Brake lines/fittings	dragger GLR groun- loop resistant TW			the airplane type)	P	
Landing Gears ALG/B'FleX Shock Wheel	Zenith Aircraft/ 601UL 601XL	Please contact us an several possibilities of type of gear, the forl	depending on the	AV-ZENI-630 Taildragger GLR grounloop resis-					
Hoses/Fittings		.,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		tant TW		1 .	Szens .		
Brake Controls Rudd'Air Pedals	Zenith Aircraft/ CH650B-EI	SZH06 Wheels 4.00-6" *tires 15x6.00-6"	1x Yankee master cylinder (reservoir	AV-ZENI-130 Fork 5.12" 130mm Wheel 4.00-6"					
Regulators Anti-skid		Calipers/discs/pads Axles/parts	/parking brake) Limiter Brake lines/fittings	*tire 15X6.00-6"					
Parking Valves		Wheel caps		C=110=4			C AID®		
Spare Parts	Zenith Aircraft/ 701	SZH07 Wheels 4.00-6" *tires 4.00-6"		SZH07A Wheel 6.00-6" *tire 6.00-6"		-Shock Wheel -B'FleX	-SensAIR® -Pedal brakes	Ask us up front to check the dimen-	
Tools	6	Calipers/discs/pads Axles/parts - Caps	6	Axle		11		sions of the original leaf	
FAQs Certified kits/STCs	Zenith Aircraft/	SZH07SD Wheels 6.00-6"	**				G Dans	gear and the front fork.	
Exp. Kits	750 Stol Cruiser HD	Calipers/discs/pads Axles/parts - Caps						Bush tire are available on	
They trust us								the mains	

Accessories (order separately) SED01		* Tires are optional and not part of the standard kits							
#tire 5.00-5" *tire 5.00-5" Caliper/disc/pads Axle ZIin Aircraft / Zlin 250LX ZIin Aviation / Savage-Norden On-98" 25mm SSA01 for tires ≤29" Wheel 5.00-6" Caliper/disc/pads Axle ZX master cylinders Rake lines/fittings Tailwheel : ask us Wheel 5.00-5" *tire 380*150x5" Caliper/disc/pads Axle ZIin Aviation / Savage-Norden On-98" 25mm SSA02 for tires >29" Wheel 5.00-6" Freins Etriers DUAL/discs/pads Axles - Wheel caps SSA02 for tires >29" Wheel 5.00-6" Galipers/discs/pads Axles - Wheel caps SSA03 for tires >29" Calipers/discs/pads Axles - Wheel caps SSA04 for tires >29" Calipers/discs/pads Axles - Wheel caps SSA05 for tires >29" Calipers/discs/pads Axles - Wheel caps SSA06 for tires >29" Calipers/discs/pads Axles - Wheel caps SSA07 for tires >29" Calipers/discs/pads Axles - Wheel caps SSA08 for tires >29" Calipers/discs/pads Axles - Wheel caps SSA08 for tires >29" Calipers/discs/pads Axles - Wheel caps SSA08 for tires >29" Calipers/discs/pads Axles - Wheel caps SSA08 for tires >29" Calipers/discs/pads Axles - Wheel caps SSA08 for tires >29" Calipers/discs/pads Axles - Wheel caps SSA09 for tires >29" Calipers/discs/pads Axles - Wheel caps SSA09 for tires >29" Calipers/discs/pads Axles - Wheel caps SSA09 for tires >29" Calipers/discs/pads Axles - Wheel caps SSA09 for tires >29" Calipers/discs/pads Axles - Wheel caps SSA09 for tires >29" Calipers/discs/pads Axles - Wheel caps SSA09 for tires >29" Calipers/discs/pads Axles - Wheel caps Calipers								Notes	Webshop
Zlin Aircraft / Zlin ZSOLX Zlin Aircraft / Zlin ZSOLX Zlin Asiation / Savage-Norden original Axle Zlin Aviation / Savage-Norden original Axle Zx master cylinders original Axle Zx ma		Wheel 5.00-5"	Reservoirs		red or black		-SensAIR®		
Zlin Aviation / Savage-Norden original Axle SSA01 for tires <29" Wheels 6.00-6" Calipers/discs/pads Axles - Wheel caps SSA02 for tires >29" Wheels 6.00-6" Griens Erries Triens Erries TuAl/discs/pads Axles - Wheel caps SSA10 8" Source of the caps of the ca		Caliper/disc/pads	Diake iiies/iieiiigs		color				
Zlin Aviation / Savage-Norden Save Sav	Silver Market Control	Axie					() xon		,,
Wheel 5.00-5"	Zlin Aircraft /	SZL01	2x master cylinders	Tailwheel : ask us			-SensAIR®	Non certified	,
Caliper/disc/pads Axle Caliper/disc/pads Axle Caliper/disc/pads Axle Caliper/disc/pads Axle Caliper/disc/pads Axle Caliper/disc/pads Axle Caliper/disc/pads Axle Caliper/discs/pads Caliper/discs/pads Axle Caliper/discs/pads Caliper/discs/pads Axle Caliper/discs/pads Caliper/discs/pad	Zlin Z50LX				other			kit	
Zlin Aviation / Savage-Norden One of the OEM of the									
Savage-Norden original Axle Ø 0.98" 25mm Savage-Norden original Axle Savage-Norden original Axle Wheels 6.00-6" Freins Etriers DUAL/discs/pads Axles - Wheel caps Savage-Norden original Axle Savage-Norden original Axle Wheels 3.50-4" **tire 4.00-4" Tailwheel support Levier to lock/ unlock Brake lines/fittings Brake Controls Reservoirs ALIR regulator Brake lines/fittings Savage-Norden original Axle Wheels 3.50-4" **tire 4.00-4" Tailwheel support Levier to lock/ unlock Regulators Anti-skid Parking Valves Spare Parts Tools The diameter of the OEM axle must be check Freins Etriers Special axle For DATUM skis Tools Spare Parts Tools	No.	7 Mic							
Savage-Norden original Axle Ø 0.98" 25mm Savage-Norden original Axle Savage-Norden original Axle Wheels 6.00-6" Freins Etriers DUAL/discs/pads Axles - Wheel caps Savage-Norden original Axle Savage-Norden original Axle Wheels 3.50-4" **tire 4.00-4" Tailwheel support Levier to lock/ unlock Brake lines/fittings Brake Controls Reservoirs ALIR regulator Brake lines/fittings Savage-Norden original Axle Wheels 3.50-4" **tire 4.00-4" Tailwheel support Levier to lock/ unlock Regulators Anti-skid Parking Valves Spare Parts Tools The diameter of the OEM axle must be check Freins Etriers Special axle For DATUM skis Tools Spare Parts Tools The diameter of the OEM axle must be check Tools The diameter of the OEM axle must be check Freins Harke (Insex) Fittings ALIR regulators ALIR regulators ALIR regulators ALIR regulators ALIR regulators ALIR regulators Spare Parts Tools The diameter of the OEM axle must be check Freins Etriers ALIR regulators ALIR regulators ALIR regulators ALIR regulators ALIR regulators ALIR regulators ALIR regulator Freins Etriers ALIR regulator Brake lines/fittings The diameter of the OEM ALIG landing gear The diameter of the OEM ALIG landing For Darking brake -Special axle For DATIM skis The diameter of the OEM ALIG landing For Darking brake -Special axle For DATIM skis The diameter of the OEM ALIG landing For Darking brake -Special axle For DATIM skis The diameter of the OEM ALIG landing For Darking brake -Special axle For DATIM skis The diameter of	7lin Aviotion /	55.4.01 for tires <20"	2. reactor ordindors	TH 003			CancAID®	The diameter	Landing Gears
Axles - Wheel caps Brake lines/fittings *tire 4.00-4" Tailwheel support Levier to lock/ unlock SSA02 for tires >29" Wheels 6.00-6" Freins Etriers DUAL/discs/pads Axles - Wheel caps SSA10 8" Wheels 7.00-8" Calipers/discs/pads Axles - Wheel caps Calipers/discs/pads Axles - Wheel caps Wheel caps Calipers/discs/pads Axles - Wheel caps Axles - Wheel caps Axles - Wheel caps Brake lines/fittings *tire 4.00-4" Tailwheel support Levier to lock/ unlock Regulators Anti-skid Parking Valves Spare Parts Tools	Savage-Norden	Wheels 6.00-6"	Reservoirs	GLR tailwheel		0	-Co-pilot brakes	of the OEM	ALG/B'FleX
SSA02 for tires >29" Wheels 6.00-6" Freins Etriers DUAL/discs/pads Axles - Wheel caps SSA10 8" Wheels 7.00-8" Calipers/discs/pads Axles - Wheel caps ALIR regulator Brake lines/fittings Levier to lock/ unlock Regulators ALIR regulator Brake lines/fittings Parking Valves Spare Parts Tools Tools				*tire 4.00-4"			- Special axle		Hoses/Fittings
Freins Etriers DUAL/discs/pads Axles - Wheel caps SSA10 8" Wheels 7.00-8" Calipers/discs/pads Axles - Wheel caps ALIR regulator Brake lines/fittings ALIR regulator Brake lines/fittings ALIR regulator Reservoirs Reservoirs ALIR regulator Brake lines/fittings ALIR regulator Brake lines/fittings		Wheels 6.00-6" Freins Etriers DUAL/discs/pads	Reservoirs ALIR regulator	Levier to lock/ unlock	660				
SSA10 8" Wheels 7.00-8" Calipers/discs/pads Axles - Wheel caps 2x master cylinders Reservoirs ALIR regulator Brake lines/fittings Parking Valves Spare Parts Tools						200			Regulators Anti-skid
Wheels 7.00-8" Calipers/discs/pads Axles - Wheel caps Reservoirs ALIR regulator Brake lines/fittings Spare Parts Tools		SSA10 8" Wheels 7.00-8" Calipers/discs/pads	Reservoirs ALIR regulator						Parking Valves
Axles - Wheel caps Brake lines/fittings Tools									
SSA07 8" DUAL 2x master cylinders FAQs									
Whools 7.00.9" Possprairs		SSA07 8" DUAL Wheels 7.00-8"	2x master cylinders Reservoirs						
Freins DUAL Calipers/discs/pads Brake lines/fittings Certified kits/STCs Certified kits/STCs Certified kits/STCs	700	Freins DUAL	ALIR regulator						
Axles - Wheel caps They trust us			Drukees,gs						

Contacts	* Tires are optional and not part of the standard kits							
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 Anotte Patents History/ Values	Zlin Aviation / Savage-Norden original Axle Ø 0.77" 19.5mm	SSA05 for tires ≤29" Wheels 6.00-6" Calipers/discs/pads Axles - Wheel caps	2x master cylinders Reservoirs ALIR regulator Brake lines/fittings	GLR tailwheel Wheel 3.50-4" *tire 4.00-4" Tailwheel support	standard red or black color	ALG landing gear	-SensAIR® -Co-pilot brakes -Parking brake - Special axle for DATUM skis	The diameter of the OEM axle must be check
Wheels/Brakes Nose-Tailwheels SensAIR®		SSA06 for tires >29" Wheels 6.00-6" Freins Etriers DUAL/discs/pads Axles - Wheel caps	2x master cylinders Reservoirs ALIR regulator Brake lines/fittings	Levier to lock/ unlock	other colors option			
Wheel Axles Landing Gears ALG/B'FleX Shock Wheel		SSA09 8" DUAL Wheels 7.00-8" Freins DUAL Calipers/discs/pads Axles - Wheel caps	2x master cylinders Reservoirs ALIR regulator Brake lines/fittings				5	
Hoses/Fittings Brake Controls Rudd'Air Pedals	Zlin Aviation / Savage with ALG landing gear	SSA03 for tires ≤29" Wheels 6.00-6" Calipers/discs/pads Axles - Wheel caps	2x master cylinders Reservoirs ALIR regulator Brake lines/fittings	TW-002 GLR tailwheel Wheel 3.50-4" *tire 4.00-4" Tailwheel support			-SensAIR® -Co-pilot brakes -Parking brake - Special axle for DATUM skis	
Regulators Anti-skid Parking Valves Spare Parts		SSA04 for tires >29" Wheels 6.00-6" Freins Etriers DUAL/discs/pads Axles - Wheel caps	2x master cylinders Reservoirs ALIR regulator Brake lines/fittings	Levier to lock/ unlock			*	
Tools FAQs Certified kits/STCs Exp. Kits		SSA08 8" DUAL for tires >29" Wheels 7.00-8" Freins DUAL Calipers/discs/pads Axles - Wheel caps	2x master cylinders Reservoirs ALIR regulator Brake lines/fittings					
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CIRRUS

SOLAR**IMPULSE**

Elixir Aircraft

SCHEMPP-HIRTH













Contacts

Webshop

Amorite Patents

History/ Values

Wheels/Brakes

Nose-Tailwheels

SensAIR®

Tires

Wheel Axles

Shock Wheel

Brake Controls

Parking Valves

FAQs















Humbert

BLACKWING

TAEEAGON

Aviation

BRISTELL

JUNKERS



air creation 🔑

Aviation Supply











ŚPACEK Hoses/Fittings

Rudd'Air Pedals

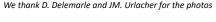
Regulators Anti-skid

Spare Parts

Tools

Certified kits /STCs

Exp. Kits











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JONKER SAILPLANES



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