



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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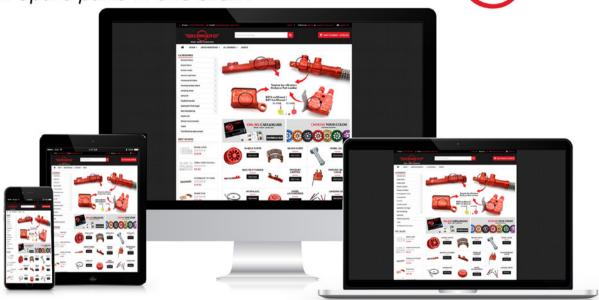
Webshop Europe: https://shop-beringeraero.com/fr/

BERINGER AERO 30 rue P. G. Latécoère - 05130 Tallard - France



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







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BERINGER - An advanced Technology

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

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

BERINGER Wheels

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

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

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

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

BERINGER Brake Calipers/Discs

Covered by the AEROTEC® patents

Brake Calipers:

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

Brake Discs:

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



BERINGER AERO Research & Development Laboratory





 $\leftarrow \uparrow$ 440,00Lbs Hydraulic press for ultimate load tests

Roll tests: 29" tires →



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The BERINGER R&D laboratory is dedicated to Research, Development and Certification tests. On the wheel itself we do 3 different tests:

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

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

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

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← 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 braking technology: 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 technology

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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BERINGER AERO's Values

OUALITY - OUALITÉ

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.



BERINGER contrôle à chaque étape la qualité de sa production pour assurer une grande fiabilité aux utilisateurs de ses roues et freins. Cette spécificité fait d'ailleurs l'objet d'un agrément DAO (Procedures to Design Organisation) délivré par l'EASA en 2006 et et d'un agrément PAO (Production Organisation Agreement) délivré en 2008 par la DGAC).

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.



BERINGER produit des roues et des freins pour une large gamme d'aéronefs : de l'avitation légère aux STC pour les Pilatus PC-6, Diamond Aircraft, Cessna 180-182 ou le montage en série (depuis 2014) sur les Cirrus SR20-22, Vision Jet ... BERINGER propose également une gamme de kits complets de roues et freins pour de trés nombreux appareils. Toutes ces innovations font l'objet de plusieurs brevets ce qui place l'entreprise avec une grande avance technologique.

CUSTOMER SERVICE- SERVICE CLIENT

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!

BERINGER AERO a le soucis de ses clients à travers le monde et souhaite leur fournir le meilleur niveau de service. Tous nos manuels d'entretien et de maintenance sont disponibles en ligne : plus rapides et toujours à jour !

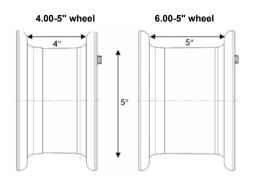
ETHICS - ETHIQUE

At BERINGER, toxic substances and non recyclable materials are eliminated from the fabrication process. Our specially-designed bioclimatic building made of local wood consumes only 10% of the energy required to heat or cool a conventional steel building. BERINGER products are designed to allow the replacement of any worn component, meaning they have a virtually unlimited service life.



Chex BERINGER, les substances toxiques et les matériaux non recyclables sont éléminés de nos procédures de fabrication. Notre bâtiment bioclimatique est construit avec du bois local et consomme seulement 10% de l'énergie nécessaire à une construction traditionnelle. La production BERINGER possède une excellente tenue dans le temps et seules les pièces d'usure sont à remplacer.

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



How to remove a tubeless tire →



→ How to mount a tubeless tire

How to change the wheel clips →



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.

Contact us and we will help you.

Notes:

- Finish: the red anodizing is the standard color for all parts. Other colors are available for the wheels, with an addition charge and leadtime. The brake calipers always remain red. ATTENTION colors may vary from one wheel to another.
- 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 RF-013 The lightest 4" wheel/brake in the World! 2.43Lbs (1.10kg) For light Aircraft up to 1102 Lb (500kg) MTOW

Single brake caliper with Aerotec® patent: 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 with Aerotec® patent: 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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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 Aerotec® patent / 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	,	Ø30 Ø23	1310 (000)	0020 (3033)	3.27 (1.403)	EA-002.2 (DSC-008.2)	4500	361000	2.89 (1.310)
RF-022	5.00-5"	5"	ø35-ø35	1518 (688)	6820 (3093)	3.27 (1.485)	EA-002 (DSC-008)	4500	210000	2.34 (1.060)
RF-021	4.00-5"	5"	ø30-ø25	1518 (688)	6820 (3093)	3.27 (1.485)	EA-002 (DSC-008)	4500	210000	2.34 (1.060)

5" SL Wheel Vintage spoke wheel/brake

For Vintage Aircraft < 1350 Lbs

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

Single brake caliper - Aerotec® patent : 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 Ibs (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 Widths available: 4.00 and 6.0

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-Ø25	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"	440 425	068 (430)	2200 (1526)	2 45 (1 562)	EA-016 / 017	3120	140000	1.50 (0.682)
KF-U14	0.00-6	0	ø40-ø25	968 (439)	3388 (1536)	3.45 (1.563)	EA-016.20 / 017.20 Dual	6240	140000	3.45 (1.56)

6" Wheel For two seater STOL Aircraft

LE Brake caliper: 2 piston - Aerotec® patent / cooling fins

Floating disc

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	0.00-6	O	ψ 4 υ-ψ33	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)
Стѕо	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 Aerotec® patent / 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 006							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)
C STC	6.00-6"	6"	ø40-ø35	(943)	(3392)	(2.262)	EA-003.7 (DSC-009.4)	4900	558000	4.72 (2.140)
TSO				(343)	(3332)	(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	6.00-6"	6"	ø45-ø45	1870	6545	4.81	EA-003.2 (DSC-014)	5130	250000	2.47 (1.120)
Cstc	6.00-6	0	<i>у</i> 45-у45	(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 Aerotec® patent / cooling fins
- Sintered pads
- Several high strength floating discs

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

Option: wheel cap BCH-004

Wheel P/N	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)	
TSO						(2.067)	EA-004.3 (DSC-009.5) Dual	9800	980000	7.63 (3.460)	

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Wheel / Brakes 8" diameter

8" Wheel For Ultralight Aircraft and LSA
SL Ultralight stainless steel foating

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 pi

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	068 (430)	3388	5.56 (2.52)	EA-016 / 017	3120	140000	1.50 (0.682)
	KF-028	7.00-8	٥	ø30-ø25	968 (439)	(1536)	3.30 (2.32)	EA-016.20 / 017.20 Dual	6240	140000	3.48 (1.58)
	RF-010	10	8"	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

STC

10" Wheel Designed for two seater STOL
Brake caliper: 2 pistons - Aero

Brake caliper: 2 pistons - Aerotec® patent / cooling fins

Floating disc

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)

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

- Brake caliper: 3 stainless steel pistons Aerotec® patent
 - 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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HOW THE STATE OF T
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Wheel Wheel **Braking** Max RTO Brake Caliper (Disc) P/N Dimen-Bearings (Axle) Static load Limit load weight Lbs (Kg) P/N Ø weight torque energy sion Lbs (Kg) Lbs (Kg) Lbs (Kg) in.lbs ft/lbs RF-011 24x7.7" 10" ø50-ø35 3080 (1397) 8160 (3701) 14.42 (6.543) EA-001 (DSC-011 or DSC-011.2) 16900 623977 11.06 (5.015) 11.00-12" 12" PQT-008 or PQT-016 RF-003 ø50-ø35 3080 (1397) 15820 (8160) 20.72 (9.400)

10" Wheel Brake caliper: Dual 4 pistons - Aerotec® patent / cooling fins Steel floating disc HL

Cstc

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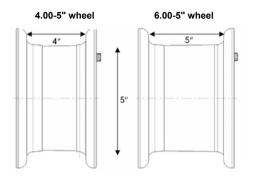
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Nose wheels - Tailwheels - 4" 5" 6" 12.5"Diameter



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: the red anodizing is the standard color for all parts. Other colors are available for the wheels, with an addition charge and leadtime. The brake calipers always remain red. ATTENTION colors may vary from one wheel to another.
- Wheel cap optional
- The first types of 5" and 6"wheels were made of 3 flanges instead of two with 3 O'ring seals instead of 2 (2 between the flanges and 1 for the valve).



How to remove a tubeless tire →



→ How to mount a tubeless tire

How to change the wheel clips →





Tailwheel

Wheel 200x50 **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			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)



AXP-003.4



X=89 / Z=6.2

									-
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 dimensions available - ask us)	-
							AXP-003	X=111 / Z=6.4	
							AXP-003.1	X=111 / Z=8.2	
RA-003	3.50-4"	4"	ø20-ø15	539 (245)	1888	1.36	AXP-003.2	X=89 / Z=8.2	
				(=,	(856)	(0.620)	AXP-003.3	Z=80 / Z=12.8	



≷

Dimen-

sion

5.00-4"

5.00-4"

4"

4"

Dimen-

sion

4.00-5"

5.00-5"

4" Wheel

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

Static Load

Lbs (Kg)

1034 (469)

1034 (469)

Ball bearings

ø30-ø25

ø30-ø25

Note: other axle dimensions available. Contact us

Tires available (see tire pages)

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Wheels 5" diameter

P/N

RA-015

RA-014

Wheel Certifica-

Wheel

P/N

RA-012

RA-001

Cstc

tion

CTSO

Ctso

Wheels 6" diameter

6" Wheel

SL

Ball

bearings

ø30-ø25

ø30-ø25

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

Lbs (Kg)

1140 (517)

1551 (703)

Static Load Limit load

Lbs (Kg)

5130

(2326)

6968

(3160)

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

Limit load

Lbs (Kg)

2810 (1274)

2810 (1274)

Wheel

weight

Lbs (Kg)

2.43 (1.1)

2.43 (1.1)

Axle P/N

(fork mounting)

AV-PIL-001

AV-PIL-001

Wheel

weight

Lbs (Kg)

3.10 (1.41)

3.28

(1.490)

Axle P/N

(fork moun-

ting)

AXP-007.1

AXP-007.2

AXP-005

AXP-005.1

Axle dimensions

(fork mounting)

X=135 / Z=12

X=135 / Z=12

Axle dimensions

(fork mounting)

X=107 / Z=9.8

X=138 / Z=9.8

X=146.5 / Z=9.8

X=146.5 / Z=10

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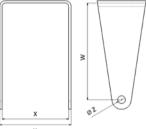
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Wheel P/N	Dimen- sion	ø	Ball bearings	Static Load Lbs (Kg)	Limit load Lbs (Kg)	Wheel weight Lbs (Kg)	Axle P/N (fork mounting)	Axle dimensions (fork mounting)					
RA-009	4.00-6"	6"	ø30-ø25	970 (440)	3396 (1540)	2.93 (1.327)	AV-JAB-003	X=130 / Z=6.5					
RA-010	6.00-6"	6"	ø30-ø25	970 (440)	3396 (1540)	3.26 (1.48)	AXP-004	X=210 / Z=8.1					







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

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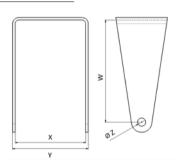
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6" Wheel Cantilever or fork mounting (see axle pages) HE-HL Tires available (see tire pages)

Wheel P/N	Dimension	ø	Ball bearings	Static Load Lbs (Kg)	Limit load Lbs (Kg)	Wheel weight Lbs (Kg)
RA-005 CTSO	6.00-6" HE	6"	ø40-ø35	2135 (968)	7642 (3466)	4.56 (2.070)
RA-013 C _{TSO}	6.00-6" HL	6"	ø40-ø35	2360 (1070)	9665 (4383)	5.41 (2.455)



Wheel 12.5" diameter

Nose wheel for DHC-6 Twin Otter

LE

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

Sealed bearings (very low maintenance)

Wheel P/N	Dimension	ø	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:**

Patent

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



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)



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:

Cstc

✓ 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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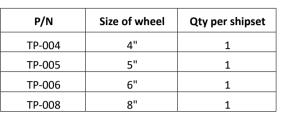
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Already assembled and identified by a unique ID (FLI)

What comes with SensAIR:

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





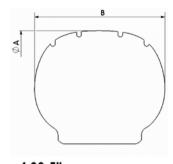




SensAIR is a registered trademark of BERINGER



Dimension of a tire



4.00-5" B C

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>

<u>How to remove a tubeless tire</u> →





→ How to mount a tubeless tire

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

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Tires

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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
Technology	PAG10	Tire 4.00-4" 4PLY Secura TL	11.90	3.90	-	3.09	1.4	3.50-4
Amorit 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	Tire Bush 22x8.50-6" 4PLY Aero Classic TT	22.00	8.10	1600	8.82	4.00	6.00-6
Exp. Kits	HF237-1	Pneu Bush 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

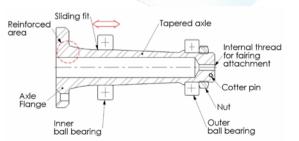
the hole patterns available

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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Webshop	P/N	2000	thread	Kg	Lbs	Kg	Lbs	Kg	Lbs
BERINGER Aero	FUS-001	Conical aluminum axle	M25x1.5	354	780	1231	2714	0.25	0.55
Technology	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
Amorite 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 10 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-Tallivi ICCI3	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
	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
5 1 6 1 1	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
Nada Ali Tedals	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
	More types availab	ole, do not hesitate to ask us	•						
Spare Parts	,,								
Tools				-					

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They trust us

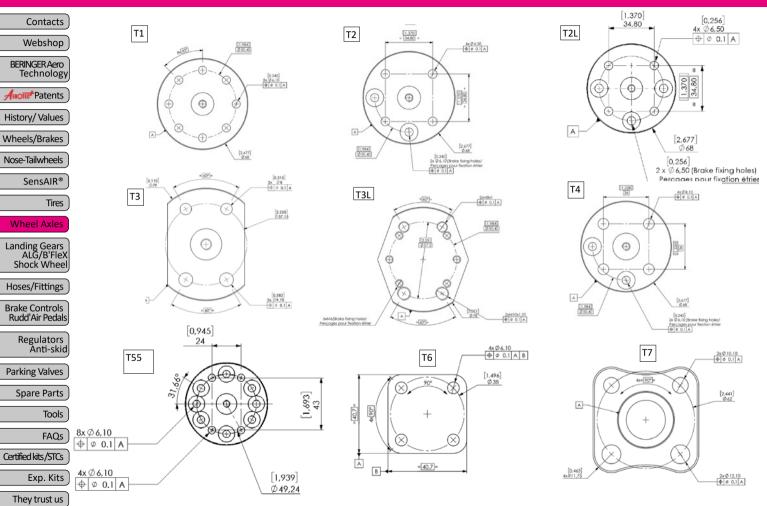






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											Contacts
	Corres	-	main wheel a	xles / Wheels	-	T17	T7 shows th	e hole patt	ern		Webshop
Wheel → ↓ Axle P/N	3.50-4"	4.00-5" & 4.00-5"HL	5.00-5" & 5.00-5"HL	4.00-6" SL	6.00-6" SL	6.00-6" LE	6.00-6" HE	6.00-6 HL	10 LE	Other	BERINGER Aero Technology
FUS-001	-	-	T1, T2, T4, T55	T1, T2, T4, T55	-	-	-	-	-		Amorite* Patent
FUS-004	-	-	T1, T2	-	-	-	-	-	-		History/ Value
FUS-005	-	T1, T2	-	-	-	-	-	-	-		Wheels/Brake
FUS-006.4	T6	-	-	-	-	-	-	-	-		Nose-Tailwheel
FUS-007.1	-	-	-	-	-	-		Т3	-		SensAIR®
FUS-007.2							Т3		-		Tires
FUS-007.7							Т7	Т7	-		Wheel Axles
FUS-008	-	-	-	-	T3	-	-	-	-		Landing Gear ALG/B'FleX
FUS-009	-	-	T2	-	-	-	-	-	-		Shock Wheel
FUS-010	-	-	-	-	T1, T2,T4, T55	-	-	-	-		Hoses/Fitting
FUS-011	-	-	-	ТЗ	-	-	-	-	-		Brake Control Rudd'Air Pedal
FUS-012	-	-	-	-	1"1/4 US	-	-	-	-		Regulators
FUS-013	-	-	-	T1	-	-	-	-	-		Anti-skid
FUS-014.1	-	-	-	-	-	Т3	-	-	-		Parking Valves
FUS-014.2	-	-	-	-	-	-	-	-	-	Cleveland wheel	Spare Parts Tools
FUS-014.3									Т3		FAQs
FUS-015	-	-	-	-	T1	-	-	-	-		Certified kits /STO
FUS-016	-	-	-	T1, T2,T4, T55		-	-	-	-		Exp. Kits



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BERINGER Aero Technology **Amorite** Patents History/ Values

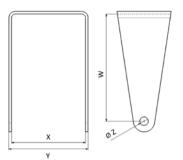
Wheels/Brakes Nose-Tailwheels SensAIR® Tires

Wheel Axles

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Hoses/Fittings 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"
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.







→ ALG in Alaska





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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14030 101111111001

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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:

Remarks:

contact us.

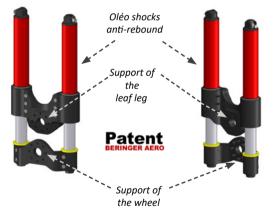
- Light and high strength aluminum (2024) 3"/80mm of oleo-pneumatic absorption
- Tested at 3.5G
- Anti-roll system included
- Only fits with BERINGER wheels and brakes





NEW 2 variants: Sport or All Terrain







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

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

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

→Off-airport:

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





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The Shock Wheel preserves your aircraft





→Glider towing:

- Frequent landings
- Unpaved runways





→Flight school:

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







→ Shock Wheel test on G1



→ Youtube BERINGER AERO technical support

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B'FleX LG: preserve your Aircraft

Designed for Aircraft with leaf LG, B'FleX will 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



Remarks:

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

Please refer to the Kit pages (sorted alphabetically).

BFLEX
Beringer Flexible Landing Gear

If your aircraft is not listed, please contact us.

Type of spring gear	Steel Gear	Aluminium Gear	Composite Gear	B'FleX BERINGER
Weight	⊗	⊗ ⊗	@ Ø	&&&&&
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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Olive Banjos

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Brake lines – Hydraulic fittings

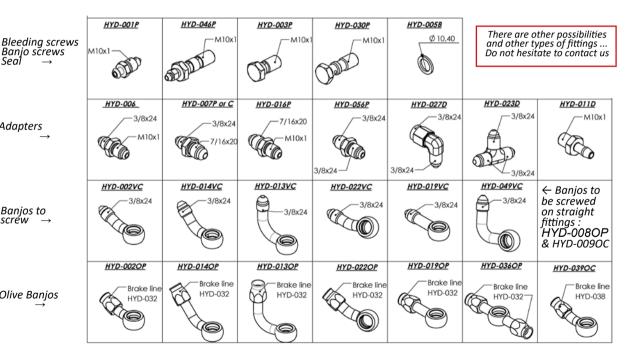
The BERINGER brake line is stainless steel braided.

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

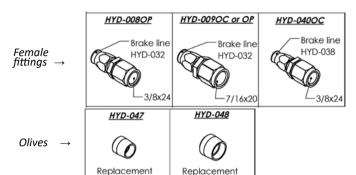
Flexible, it follows the gear leg and prevents against leaks.

Max pressure 3000 psi – burst pressure 9000 psi

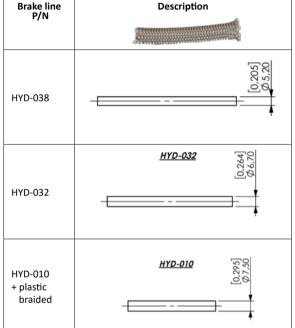
Note: these brake lines and banio fittings are included in most of the wheel and brake kits.



Hydraulic: Brake lines / Fittings



olive HYD-038





olive HYD-032





→ How to bleed your brakes

Contacts

Webshop

BERINGER Aero Technology

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

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Amore: Patents

History/ Values

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Nose-Tailwheels

SensAIR®

Tires

Wheel Axles

Landing Gears ALG/B'FleX Shock Wheel

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They trust us

Brake master cylinders | Master



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.

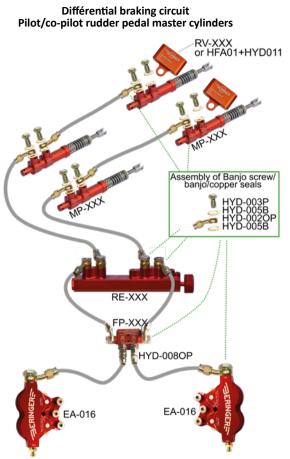
Ergonomic rudder pedals including brakes function are also available and described following pages.



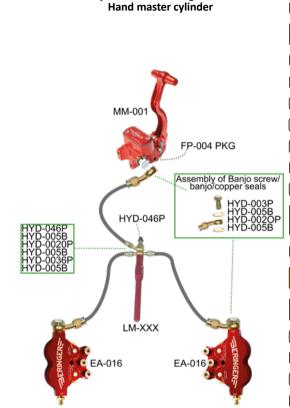




Symmetrical braking circuit



This configuration can be modified depending on the Aircraft



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BERINGER Aero Technology

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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

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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

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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





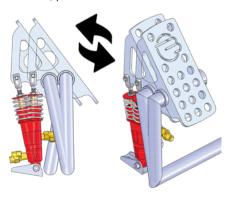
Remarks:

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 Technology

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Amorite* Patents

History/ Values

Wheels/Brakes

Nose-Tailwheels

SensAIR®

Wheel Axles

ALG/B'FleX Shock Wheel

Hoses/Fittings

Brake Controls Rudd'Air Pedals

Regulators

Anti-skid

Parking Valves

Tools

FAQs

Exp. Kits

They trust us

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

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

Contract of the second Min Max Weight attachment Master Bore Description Dimension Dimension cylinder P/N included Inch mm ΟZ Inch mm Inch mm MCP-002 Tires [0,512] Ø13 MP-002 1/2 | 12.2 | 3.53 | 100 **Landing Gears** MCP-002(A) [0,201] Ø5,10 MCP-002 - ZM-001 MP-002.1 145 | 1/2 | 12.2 | 4.15 | 118 5.433 | 136 | 5.63 [5,339 min.] [5,728 max.] 145.50 max. Spare Parts CHP-003(B) - CHP-003 145 | 1/2 | 12.2 | 3.96 | 112 MP-002.2 5.512 | 138 | 5.669 | MCP-002(A) Certified kits/STCs [5,417 min.] [5,728 max.] 145,50 max.

Contacts											
Webshop	Master cylinder P/N	attachment included	Description	Mi Dimen	sion	Ma Dimer	sion		ore mm	Wei oz	ight g
BERINGER Aero Technology	cyllider F/14	iliciaaea		Inch	mm	Inch	mm			U2	5
Amorite* Patents			<u>A</u> ,∠,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,								
History/ Values	MP-002.3	CHP-003 -		6.39	162	7.11	180	1/2	12.2	4.81	136
Wheels/Brakes		ZM-001	B (6,390 min.) A					,			
Nose-Tailwheels			162.30 min. [7.106 max.] 180.50 max.								
SensAIR® Tires			B CHP-003(8)								
Wheel Axles	MP-002.4	CHP-003 -		6.54	166	7.11	100	1/2	12.2	4.62	121
Landing Gears ALG/B'FleX Shock Wheel	IVIP-002.4	CHP-003	MCP-002(A) [6.547 min.] [6.547 min.] [7.106 max.] [89.50 max.	6.54	166	7.11	180	1/2	12.2	4.62	131
Hoses/Fittings			ZM-001 ZM-00								
Brake Controls Rudd'Air Pedals		ZM-001 -									
Regulators Anti-skid	MP-002.5	ZM-001	[6,292] 158,30	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		ZM-001 -									
FAQs	MP-002.6	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. [7,106 max.] 180,50 max.								
Exp. Kits			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 Technology
		(0.512) (0.512) (CHP-006(A)									Amonto Patents
MP-002.7	- CHP-006		5.29	134	c 53	140	1/2	122	3.72	105	History/ Values
IVIF-UUZ.7	- (115-000	[0.201] 95.10 MCP-002.1[A] [5.275 min.] 134.50 min.	3.23	134	3.55	140	1/2	14.4	3.72	105	Wheels/Brakes
		134,50 max, [5,531 max,] 140,50 max.									Nose-Tailwheels
		COUPE B B B A / CHP-0002 B - CHP-0003(B)									SensAIR®
		(0.512) M.6 CHP-003(8)									Tires
MP-002.8	S-CP-006 - CHP-003	SS MCPO02(A)	5.42	137	5.73	145	1/2	12.2	3.76	107	Wheel Axles
		8 [5.417 min.] 137.60 min. [5.728 max.] 145.50 max.									Landing Gears ALG/B'FleX Shock Wheel
		COUPE 8-8 [0.512] B [2M-00]									Hoses/Fittings
14D 003 0	70.4.004		F 24	425	F 70	4.45	4/2	42.2	4.00	115	Brake Controls Rudd'Air Pedals
MP-002.9	ZM-001	[0.118] B MCP-002 2[A] P 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 403 [0.276] A CHP 403 [0.276] A CHP 403 [0.276] A CHP 403 [0.276]									Spare Parts
	ZM-001										Tools
MP-002.10	-CHP-003		6.35	161.3	7.33	186.2	1/2	12.2	5.11	145	FAQs
		(5,6) [7.136 mm] B (7.756 mm) (7.756 mm) (7.756 mm)									Certified kits/STCs
		197,50 max.									Exp. Kits

Contacts Webshop BERINGER Aero	Master cylinder P/N	attachment included	Description	Dime	lin ension mm	M Dime Inch	nsion		ore mm	Wei oz	ight g
BERINGER Aero Technology Anotic* Patents History/ Values Wheels/Brakes Nose-Tailwheels	MP-002.11	CHP-003	(0.812) (0.812	4.44	112.7		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 B.8	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 A 2M-001 A (5.350 mn) (7.776 max) (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 R8 MCP-002 [0.312] (9.13) B MCP-002(A) [3.39 min], A [0.334] [0.334] [0.334] [0.334] [0.334] [0.334] [0.334]	7.33	186	7.56	192	1/2	12.2	4.3	122

			1							\neg	Contacts
Master	attachment	Description	Mi Dimer		Ma Dimer			ore		ight	Webshop
cylinder P/N	included	Sessipion	Inch		Inch	mm	Inch	mm	OZ	g	BERINGER Aero Technology
		COUPEAS POTOS: COMPANA COUPEAA									Amont Patents
MP-003.1	- CHP-002	PO1002	8.07	205	8.31	211	1/2	12.2	4.8	136	History/ Values
WIF-003.1	- CHF-002	D.201 B POLOGIA MCPODDA D.005 e.h. D.206 m.h.	8.07	203	0.31	211	1/2	12.2	4.0	130	Wheels/Brakes
		750 mms. 									Nose-Tailwheels
											SensAIR®
		COUPE 6-8 MCP-003 [0.512] 013									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. [7.551 max.] 192 max.									Landing Gears ALG/B'FleX Shock Wheel
											Hoses/Fittings
		COUPE B-8 MCP-000.1									Brake Controls Rudd'Air Pedals
MP-003.3	- CHP-002	[0,201] B MCP-003.1(A) [7,327 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	Г									
Webshop	Master cylinder P/N	attachment included		Description	M Dime Inch	nsion	Ma Dime Inch	nsion		ore mm	We oz	ight g
BERINGER Aero Technology			COUPE B-B MCP-003 [0,512] Φ13	B)							
Amorite Patents			Ø 13									
History/ Values	MP-003.5	- CHP-005.1		MCP-003(A) [7,594 min]	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 (7.524 min.) A [191 min. [7.748 max.]								
Nose-Tailwheels												_
SensAIR®			COUPE 8-8 MCP-003 [0,512] Ø13	B A								
Tires			(1+1)		l							
Wheel Axles	MP-003.6	- CHP-011	[0.125]	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				B (7,46 min) A 188 min. (7,40 max.) 194 max.								
Hoses/Fittings			[0.512] Ø 13 [5] 8	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) [7.874 min.]	6.69	170	7.87	200	1/2	12.2	4.3	122
Regulators Anti-skid			24	(5,874 mm.) 200 min. [8,188] 208								
Parking Valves			[0.512] [0.201] Ø13 Ø5,10	CHP-002(A) A								
Spare Parts												
Tools	MP-003.8	CHP-002	[0.315] [0.25]	B MCP-003.4(A)	7.33	186	7.57	192	1/2	12.2	4.05	115
FAQs			- 4-1 24	[7.327 min.] 186.10 min.								
Certified kits/STCs				(7,571 max) 192,30 max.								
Exp. Kits												

			Т		1						Contacts
Master cylinder P/N	attachment included	Description	Dime	lin ension mm	Dime Inch	ax nsion mm	B Inch	ore mm	We oz	ght g	Webshop
1714		COUPE 8-8 [0.512] MCP-003 B B	IIICII		IIICII	······					BERINGER Aero Technology
											Amorite Patents
MP-003.9		[0,201] [8] [0,510] [8] [1,510	-	-	-	-	1/2	12.2	4.3	122	History/ Values
		B Microsoft									Wheels/Brakes
		[6,461] 164,10									Nose-Tailwheels
		COUPE 8-8 MCP-003 [0.512]									SensAIR®
		(0.512) (0.512)									Tires
MP-003.10	AV-JONK-004	de 10 9	7.45	189	7.69	195	1/2	12.2	4.33	123	Wheel Axles
		189,10 min.									Landing Gears ALG/B'FleX
		[7,489 max.] 195.30 max.									Shock Wheel
		COUPE 8-8 (0.12) PGLOD4 (0.12)	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.) (8.319 mox.) (8.319 mox.)									Regulators Anti-skid
											Darking Values









Parking Valves

Spare Parts

Tools

FAQs

Certified kits/STCs

Exp. Kits

Contacts Webshop

BERINGER Aero Technology

Amorite* Patents

History/ Values

Wheels/Brakes

Master cylinder for rudder pedal MP-001

Allows to actuate following brake calipers:

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

1 caliper : EA-001

Available for MIL brake fluids only

Notes: the table shows the attachments for each type of master cylinder. Other configurations

XX-XXXN

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

are available with extenders (see following tables).



Nose-Tailwheels	Cylllidei	attachment included	Description	M Dime	nsion	Ma Dimer	sion	Bo Inch		We	ight g
SensAIR®	P/N			Inch	mm	Inch	mm				
Tires			COUPE B-8 CPP-001 A CHP-001 A CHP								
Wheel Axles			(0.512) B CHP-001(A)								
Landing Gears ALG/B'FleX Shock Wheel	MP-001	- CHP-001	[0.201] B MCP-001(8) [7,437 min.] A [81.807 mcx.] (2.80 mcx.	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 [0,5172] (9.13								
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			(8,197) (1,197) B **FGT-001(A) **MCP-001(B) (8,185 min.) A (8,937 max.) (227 max.								.
Spare Parts											-
Tools			CCUPE 8-8 MCP-001 [0,512] B G CHP-007(A)								.
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 B MCP-001(8) [8.199 mix.] A								.
Exp. Kits			(8, 197 max.) 208 max.								



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Master cylinder P/N	attachment included	Description	M Dime 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] Ø 13 B MCP-001.1(A) [7.437 min.] A CHP-007(A) A CHP-007(A) [8.187 max.] 208 max.	7.441	189	8.189	208	9/16	14.5	5.78	164	BERINGER Aero Technology Anonit Patents History/ Values Wheels/Brakes Nose-Tailwheels
MP-001.4	- CHP-009	COUPE 8-B MCP-001.2 [0,512]	7.402	188	8.189	208	9/16	14.5	5.89	167	SensAIR® Tires Wheel Axles Landing Gears ALG/B'FleX Shock Wheel
MP-001.5	- CHP-010	COUPE B-B MCP-001.3 [0,512] B MCP-001.3 [A] [6,805 min.] [7,254 mox.] 200 mox.	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] [0,240	6.85	174	7.14	181	9/16	14.5	5.18	147	Parking Valves Spare Parts Tools FAQs Certified kits/STCs Exp. Kits

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Contacts		1		ı		ı					
Webshop	Master cylinder P/N	attachment included	Description	Dime	lin ension mm	M Dime Inch		Bo Inch		Wei oz	ght g
BERINGER Aero Technology			COUPE&B 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) (2,00 min) (2,00 min) (2,00 min)	7.27	185	7.78	195	9/16	14.5	5.64	160
Wheels/Brakes			[0,201] B MCP-001(B) [7,268 min.] [7,268 min.] [184,60 min.] [197,50 max.] [197,50 max.]								
Nose-Tailwheels			197,50 max.								\vdash
SensAIR®			COUPE 8-8 PGT-000.1 [0.512] B POT-000.1(A) COPPOSINA [0.871] COPPO								
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 [2,813 min.] A								
Hoses/Fittings			COUPE AA MCP-0013 2M-002 COUPE B-8 2M-002 DM-002 COUPE B-8 2M-002 COUPE B-								
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			(0.240) A (0.257 min.) (0.215) (0.257 min.) (0.240 max.)								
Parking Valves			. '189 max.'								
Spare Parts			COUPE AA (0.512) (0.512) (0.512) (0.513) (0.512) (0.5								
Tools	MP-001.11	CHP-007		6.48	164.5	7.56	192	9/16	14.5	5.78	164
FAQs			[0.201] A [7.42 min.] B [46] 50 [5.10 min.] [5.10 min.								
Certified kits/STCs			26.50 max.								
Exp. Kits		I.									

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 Dimension Inch mm			Weight oz g
MP-007	CHP-007	COUPE BB MCP-007 [0.512] (0.512) (0.197) (0.	7.56 192	8.33 211	0.65 16.5	6.17 175

Tires

Wheel Axles

Contacts

Webshop

BERINGER Aero Technology

Amorite* Patents

History/ Values Wheels/Brakes Nose-Tailwheels SensAIR®

Landing Gears ALG/B'FleX

Shock Wheel Hoses/Fittings

Attachments/Extenders for brake master cylinders

Attachment P/N	Description	Wei oz	ight g
CHP-001	[0.45] 11.80 (0.47)	0.83	24
CHP-002	[0.508] Ø 12.90 [0.20] Ø 2.10	0.23	6

Attachment P/N	Description	Wei oz	Weight	
CHP-002.1	[0.201] (9.5.10	0.35	10	
CHP-003	[0.508] @ 12.70 [0.394] 10 [0.512] 13 [0.512] 13 [0.512] 13 [0.512] 13	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 Technology	CHP-004	[0.254] 86.45 [0.394] [0.394] [0.512]	0.39	11
		13		
History/ Values		[0,512] Ø 13		
Wheels/Brakes	CHP-005		0.32	9
Nose-Tailwheels		(0.201) (0.201) (0.5,10)		
SensAIR®		[0,512] Ø 13		
Tires	CHP-005.1		0.37	11
Wheel Axles		(0.201) (0.5,10) (0.5,10)		
Landing Gears ALG/B'FleX Shock Wheel	CHP-006	[0.374] 10 (0.374) 9.50	0.43	12
Hoses/Fittings		[0.201] [0.201] [0.201] [0.201]		
Brake Controls Rudd'Air Pedals	CHP-007	[0,374] 10	0.79	22
Regulators Anti-skid	CHP-007	(0,201) (0,201) (0,201) (0,201)	0.79	22
Parking Valves		[0,512] Ø13		
Spare Parts	CHP-008	3 (0,20)	0.27	8
Tools		(0.20) 9W		
FAQs		[0.374] Ø 9.50 [0.770] 19.55		
Certified kits/STCs	CHP-009	[0,240]	0.8	23
Exp. Kits		\$ \$\phi_{6.10}\$		

Attachment P/N	Description	Wei oz	ight g
CHP-010	[0,512] 0.13 [0,413] [0,413] [0,26] [0,26] [0,26] [0,26]	0.77	22
CHP-010.1	(0.55) 14.60 (0.240) (0.58	16.5
CHP-011	[0.546] 16.40 (0.551) (0.551) (0.746) (0.610) (0.610)	0.27	8
AV-JONK-004	[1,181]	0.32	9,1
AV-APRK-009	[0.472] ©17.50 (0.314) AV-APRK-909(A) (0.314) (0.472) (0.172) (0.472	0.65	18,5
ZM-001	(0.354) (0.254) (0.254)	0.78	22
BGE-011	[0.236] 6 [0.531] [6.50] [0.531] [6.50]	0.16	4.5

OUT

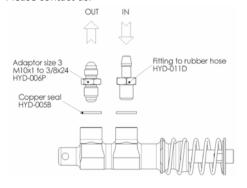
Attachments/Extenders for brake master cylinders

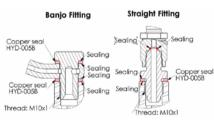
Extender P/N	Description	Wei oz	ight g
PGT-002	(0,201) (0,5,10) (0,748)	0.3	8.5
PGT-003	[0.201] (0.5.10		10.5

Extender P/N	Description	We oz	ight g
PGT-003.1	[0,201] (2,5,10	0.5	14.2
PGT-004	(S. 16. 00)	0.28	8
PGT-005	(0,748) (0,748)	0.36	10.2

Hydraulic fittings for master cylinders

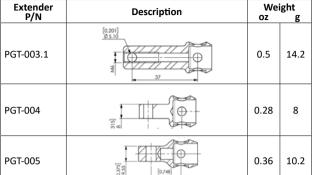
Only few exemples of hydraulic fittings and adaptors are shown. Many other combinations are available. The banjo screw is delivered. Please contact us.







Banjo screw



HYD-003P

Copper seal HYD-005B

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

Copper seal HYD-0058

Contacts

Webshop

BERINGER Aero Technology

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

Fitting to rubber hose HYD-011D

FAQs

Certified kits/STCs

Exp. Kits



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BERINGER Aero Technology

Amorite Patents

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History/ Value

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.

listory/ Values		The master	r cylinders that can	be mounted in each lever are indicated but not included in the lever P/N.		
/heels/Brakes	Lever only P/N	M. Cylinder (non included)		Description	Lever w	eight g
lose-Tailwheels	MP-004.1	MP-002.2		[3,937]	8.77	249
SensAIR®			[1,575] 40 [1,181]	(0.252) Ф6.40		
Tires				<u>∅6.40</u>		
Wheel Axles						
anding Gears ALG/B'FleX			4			
Shock Wheel			0	[2,244]		
Hoses/Fittings			0	Coble		
rake Controls Rudd'Air Pedals			[0,197]	[1,303] [4,781] 33.10 121,44		
Regulators	MP-004.2	MP-002.2	[2.756] 70	[3,937]	16.06	455
Anti-skid				[0.252] Ø 6.40		
Parking Valves				96.40		
Spare Parts				6 THAM IS IS		
Tools			dd sprad spr			
FAQs			0 0	[2,244]		
ertified kits/STCs			0 0 [0.197	Coble		
Exp. Kits			□ ' □	[1,303] [4,781] 33.10 [12],44		

					Contacts
Lever only P/N	M. Cylinder (non included)	Description	Lever v Lb	veight g	Webshop
MP-004.3	MP-002.8	[6:296] 	9.3	264	BERINGER Aero Technology
		[h m]			Amorite Patents
		[4,5,9]			History/ Values
					Wheels/Brakes
		12244			Nose-Tailwheels
140.004.4	140,000.0	[1,303] [4,239] [4,239] [4,239]	17.11	405	SensAIR®
MP-004.4	MP-002.8	[6,294]	17.11	485	Tires
		la l			Wheel Axles
		[428]			Landing Gears ALG/B'FleX Shock Wheel
					Hoses/Fittings
		[130] [130] [130] [130] [130] [1429] [107.66			Brake Controls Rudd'Air Pedals
MP-004.5	MP-002.8	(1.1a) 107.66 (1.1a) (1	9.58	272	Regulators Anti-skid
		[3070]			Parking Valves
					Spare Parts
		[0145] [0145] [0145]			Tools
					FAQs
		[1,30]			Certified kits/STCs
		[139] 6] [330] 103			Exp. Kits

Contacts					
Webshop	Lever only P/N	M. Cylinder (non included)	Description	Lever v Lb	g
BERINGERAero Technology Anone Patents History/ Values Wheels/Brakes Nose-Tailwheels	MP-004.6	MP-002.8		10.33	293
SensAIR® Tires Wheel Axles Landing Gears ALG/B'FleX Shock Wheel	MP-004.7	MP-002.8	(1.30) (1.30) (1.30) (1.30) (1.30) (1.30)	8.48	240
Brake Controls Rudd'Air Pedals Regulators Anti-skid Parking Valves	MP-004.11	MP-002.2	[3,357] [0,20] [4.26	121
Spare Parts Tools FAQs Certified kits/STCs Exp. Kits	MP-004.12	MP-002.8		5.36	152

					Contacts
Lever only P/N	M. Cylinder (included)	Description	Lever weight Lb g		Webshop
AV-CUB-122	MP-001.4	Using ball bearings for perfect control of the braking power. Pedal ratio adjustabe.	1.26	568	BERINGER Aero Technology
					Amorite Patents
					History/ Values
		[2,426]			Wheels/Brakes
		[1.77] A49			Nose-Tailwheels SensAIR®
					Tires
		Madmum load: 750N [168.61b]			Wheel Axles
					Landing Gears ALG/B'FleX Shock Wheel
AV-CUB-120	MP-003.2	Using ball bearings for perfect control of the braking power. Pedal ratio adjustabe.	1.14	518	Hoses/Fittings
		[7,274] 192,62			Brake Controls
					Rudd'Air Pedals
					Regulators Anti-skid
		[1,27]			Parking Valves
					Spare Parts
		Madinum load 7504 [188 kila]			Tools
		MF-0012			FAQs
					Certified kits/STCs Exp. Kits

Exp. Kits

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BERINGER Aero Technology

Amorite* Patents

History/ Values

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Nose-Tailwheels

SensAIR®

Tires

Wheel Axles

Landing Gears ALG/B'FleX Shock Wheel

Hoses/Fittings

Brake Controls Rudd'Air Pedals

> Regulators Anti-skid

Parking Valves

Spare Parts

Tools

FAQs

Certified kits/STCs

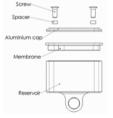
Exp. Kits

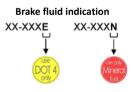
They trust us

Integral Reservoirs (Brake fluid)

Red aluminum reservoirs

Seal Aluminium cap
Flexible membrane
Fluid volume
Aluminium Reservoir





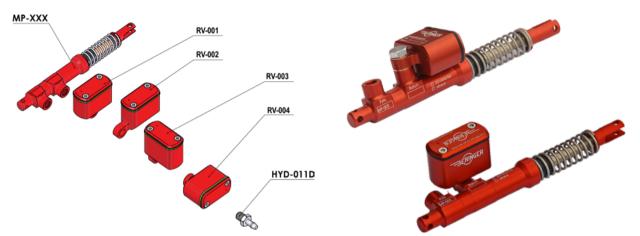
To be mounted directly on the master cylinders. Vertical or horizontal mounting, 180° rotable. The reservoirs are 100% tight, without any risk of leak. Available for DOT4 or Minéral brake fluid. Perfect for Aerobatic use.

Reservoir P/N	Description		02 8		Brake Fluid
RV-001E/N	Aluminum Reservoir	Seringer Feder Advancery Page	1.94	55	DOT4/MIL
RV-002 E/N		Servinger Research But Marrier Pro-	2.01	57	DOT4/MIL
RV-003E/N	Aluminum Reservoir (Van's type)		1.59	45	DOT4/MIL
RV-004E/N	Aluminum Reservoir - Threaded port	Section flat treasurer	1.27	36	DOT4/MIL
RV-004.1E/N	Aluminum Reservoir - unthreaded port (for hand lever)	No.			

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

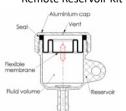
Reservoirs (Brake Fluid)

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.

Contacts

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BERINGER Aero Technology

Amorie* 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

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Exp. Kits

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BERINGER Aero Technology

Amorite* Patents

History/ Values

Wheels/Brakes

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		<u> </u>	Weig	ht	Brake fluid		
SensAIR®	MM-001	Master cylinder + built-in reservoir	©				295	DOT4
Tires				[3,7]				
Wheel Axles	MM-001+PKP01	Master cylinder + built-in reservoir + parking brake		9		10.41	295	DOT4
Landing Gears ALG/B'FleX Shock Wheel				0.6	[0,8] [1,3]			
	MM-003	Additionnal master cylinder (moun-	•			10.02	284	DOT4
Hoses/Fittings		ting in serie : co-pilot brake). To be used with MM-001 or MM-001)		Parking pin			
Brake Controls Rudd'Air Pedals		10 20 4304 1141 1141 032 0 1141 032		\$\frac{\phi_{7/8}^2 - \phi_{1}^2}{\phi_{22}^2 - \phi_{25}^2} \tag{2.925}	[1,2] [1,6]			
Regulators								
Ānti-skid	MM-001.5	Master cylinder + built-in reservoir Yankee lever (for Y control stick)				-	-	-
Parking Valves		rankee lever (101 7 control stick)						
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			0,1	3	-
Exp. Kits	MM-004	Lever bushing kit	-			-	-	-
They trust us								

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 (old / new P/N)	Description	Weig oz	ght g	Brake fluid
HAC01/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 (old / new P/N)	Description	Weig oz	ght g	Brake fluid
HAB04/MM-001	Master cylinder + reservoir hand actuated	10.41	295	DOT4
MM-004	Lever ends	-	-	-

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BERINGER Aero Technology

Amorite* Patents

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Nose-Tailwheels

SensAIR®

Tires

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Hoses/Fittings

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Anti-lock Regulators / Pressure Limiters

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> Regulators Anti-skid

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They trust us

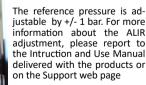
ALIR anti-skid Regulator A real advance in term of Safety

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.

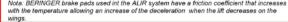
It prevents the wheel lock up at landing and the nose over for taildraggers, in case of overpressure on the brake pedals. Therefore it reduces the stopping distances.

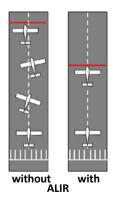
This regulator is included in most of the BERINGER Kits.

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

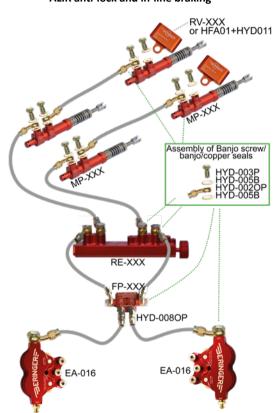






Anti-lock Regulators / Pressure Limiters

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:

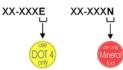
Dual regulators are mounted in a differential braking circuit (each braker master cylinder actuates one wheel).

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	Wei oz	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





Contacts

Webshop

BERINGER Aero Technology

Amoiii Patents

History/ Values

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Nose-Tailwheels

SensAIR®

_

Tires

Wheel Axles

Landing Gears ALG/B'FleX Shock Wheel

Hoses/Fittings

Brake Controls Rudd'Air Pedals

Regulators Anti-skid

Parking Valves

Spare Parts

Tools

FAQs

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Certified kits/STCs

Exp. Kits



Anti-lock Regulators / Pressure Limiters

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Hoses/Fittings

Brake Controls Rudd'Air Pedals

> Regulators Anti-skid

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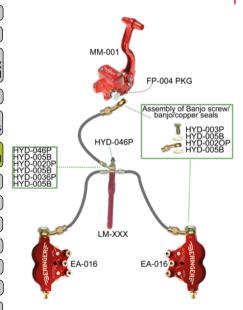
Certified kits/STCs

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.

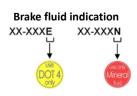
Caution: You must never mix the brake fluid: seals are different

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	Wei oz	ght 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

[0,205] Ø5,20



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 v a push-pull button and a cable except FP-005.1 and FP-005.2



d with	1	[0,197] Ø5 [0,394] 10 [1,969] 50	[0,394 10
Wei oz	ght g		
			io

[0,630]

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 (5) (5) (6) (6) (6) (6) (6) (6) (6) (6) (6) (6

Contacts

Webshop

BERINGER Aero Technology

Amorite Patents

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Nose-Tailwheels

SensAIR®

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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

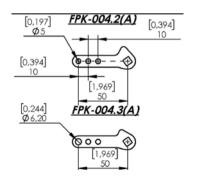
Certified kits/STCs

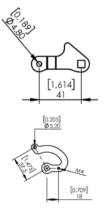
Exp. Kits

Parking Brake Valve

Contacts					
Webshop	Park. Valve	Output	Wei	ight g	
Websilop	P/N		02	5	
BERINGER Aero Technology					21.8° Closed
Amores Patents	FP-002	3/8"x 24	4.69	133	
History/ Values	552	0,0 X 2 .		100	
Wheels/Brakes					3/8×24
Nose-Tailwheels					21.8°
SensAIR®					Closed
Tires	FP-002.1	7/16"x 20	4.69	133	CLX Per
Wheel Axles		.,=====================================			
Landing Gears ALG/B'FleX Shock Wheel					7/16×20
Hoses/Fittings					
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

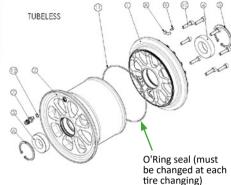


→ How to remove a tubeless tire



→ How to mount a tubeless tire





FLUID: MINERAL

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Wheel Axles

Landing Gears ALG/B'FleX Shock Wheel

Hoses/Fittings

Brake Controls Rudd'Air Pedals

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 grease 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	
Technology	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	OPA03	Bent adapter for wheel valve (tire	
Hoses/Fittings	UPAU3	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	OI AU4	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	031
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

www.youtube.com/beringeraero



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How to choose your wheels & brakes

1- Select first the size of the tire you need

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

3- Check the static load rating: this is the weight on each wheel (at maximum static aircraft weight) that the wheel is capable of supporting. Check the kinetic energy rating: the first function of a brake system is to transform aircraft kinetic energy into heat. This heat is absorbed and dissipated mostly by the disc (a thicker disc will absorb more heat energy).

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

> 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.

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.

I have a technical question. Who can help?

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

Why are most BERINGER wheels made for tubeless tires?

Tubeless has many advantages compared to tube type:

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

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

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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?

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 Wheels/Brakes 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 Nose-Tailwheels braking torque on the wheels.

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

SensAIR®

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Hoses/Fittings

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> Regulators Anti-skid

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

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

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















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

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

Finish: Red is the standard color for all BERINGER products, black is a free option for wheel finish too. A 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 - DUAL brakes - 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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SensAIR®

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MILI-SKIU

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Contacts			
Webshop	STC n°	Airplane name	Content of the STC
	STC-013.1	Diamond / DA42	Main/nose wheels - Single brakes - Axles - Brake lines
BERINGER Aero Technology	STC-13.2	Diamond / DA42NG	Main/nose wheels - Single brakes - Axles - Brake lines
3:)	STC-014.1	Piper / PA-28 150/151/160/161	Main/nose wheels - Brakes (pilot/co pilot) - Axles - Brake lines
Amorite Patents	STC-014.2	Piper / PA-28 180/181	Main/nose wheels - Brakes (pilot/co pilot) - Axles - Brake lines
History/ Values	STC-014.3	Piper / PA-28 150/151/160/161	Main/nose wheels - Brakes (pilot/co pilot) - Axles - Brake lines
Wheels/Brakes	STC-015	DG Flugzeugbau / LS4	Main wheel - Brake - Brake limiter - Axle - Brake line
vvileeis/brakes	STC-016	Piper / PA-18 Cleveland/Grove	Brake Heel master cylinders
Nose-Tailwheels	STC-017.1	Piper / PA-46 310P/350P/350T	Main/nose wheels - Brakes (pilot/co pilot) - Axles - Brake lines
SensAIR®	STC-017.2	Piper / PA46 500TP	Main/nose wheels - DUAL brakes (pilot/co pilot) - Axles - Brake lines
	STC-018	Piper / PA-18 Cleveland/Grove	ALG Landing gear - Axle kit 1.5"
Tires	STC-018.2	Piper / PA-18	10" Main wheels - Heel brakes - Reservoirs - Axles - ALG landing gear
Wheel Axles	STC-018.3	Piper / PA-18	6" Main wheels - Heel brakes - Reservoirs - Axles - ALG landing gear
Landin Com	STC-019.1	Piper / PA-18 - Axle 1.5"	10" Main wheels - Heel brakes - Reservoirs - Axle adaptation parts
Landing Gears ALG/B'FleX	STC-019.2	Piper / PA-18 - Axle 1.25"	10" Main wheels - Heel brakes - Reservoirs - Axle adaptation parts
Shock Wheel	STC-021	Diamond / DA62	Main/nose wheels - Tires - Single brakes - Axles - Brake lines
Hoses/Fittings	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
Brake Controls Rudd'Air Pedals	STC-022.3	Cessna / 1820/182 with fairings	Nose wheel - Axle
	STC-022.4	Cessna / 180/182 without fairings	Nose wheel - Axle
Regulators Anti-skid	STC-022.5	Cessna / 182 - Tube LG	Brake line set
Anti-3klu	STC-022.6	Cessna / 182 - Spring LG	Brake line set
Parking Valves	STCE-102*	Pitts S1-S2	Main wheels - Brakes - Reservoirs - Axles - Brake lines (*STC owned by Air Projet)

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They trust us

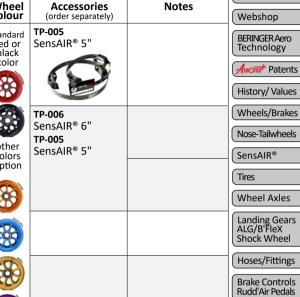
For Packing list and ICA please refer to this page ->





Aircraft Make/ Model	Wheel/Brake package P/N	Brake controls (included)	Nose wheel P/N (optional)	Whe colo
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		standa red o blac colo
Cessna / 180/182 With fairings	STC-022.1 Wheels 6.00-6" Calipers/discs/pads Axles	ls 6.00-6" 3x Reservoirs		othe colo
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	optio
Cessna / 182 Tube LG	STC-022.5 Brake line set Bracket			
Cessna / 182 Spring LG	STC-022.6 Brake line set Bracket			







Regulators Anti-skid

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Contacts	Aircraft Make/	Wheel/Brake	Brake controls	Nose wheel P/N	Wḥeel	Accessories	Notes
Webshop	Model	package P/N	(included)	(included)	colour	(order separately)	
BERINGER Aero Technology	Cirrus / SR20/22/22T	STC-010 single brake Wheels 6.00-6" Calipers/discs/pads	4x master cylinders Brake lines/fittings	Nose wheel 5" Axle	standard red or black color	TP-006 SensAIR® 6" TP-005	STC-010 must be ordered to Cirrus Direct
Amorite* Patents		Axles				SensAIR® 5"	
History/ Values			S G A MILE				
Wheels/Brakes		3 7				6	
Nose-Tailwheels						Sens	
SensAIR®	Cirrus / SR20/22/22T	STC-004 DUAL brake Wheels 6.00-6"	4x master cylinders ALIR regulator	Nose wheel 5" Axle	other colors option		
Tires		Calipers/discs/pads	Brake lines/fittings				
Wheel Axles		Axles	200				
Landing Gears ALG/B'FleX Shock Wheel		ENMOGEN					
Hoses/Fittings					(CO)		





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 Technology 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						I	
Webshop	Aircraft Make/ Model	Wheel/Brake package P/N	Brake controls (included)	Nose / Tailwheel (Included)	Wheel colour	Accessories (order separately)	Notes
BERINGER Aero Technology	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 state of the s	parts			other		
SensAIR®					colors		
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"	(00)		
Brake Controls Rudd'Air Pedals		Pilot+Co-pilot brakes Wheels 12" Calipers/discs/pads	ALIR regulator Brake lines/fittings	Axle			
Regulators Anti-skid	APA	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	4.5	7 Mics					
FAQs		STC-002.3 Pilot+Co-pilot brakes	4x master cylinders ALIR regulator	Tailwheel 5.00-4" Axle			
Certified kits/STCs	A Figure	Wheels 10" Calipers/discs/pads	Brake lines/fittings				
Exp. Kits	N. M.	Axles					
They trust us		1				1	

						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 Technology
	Caliper/disc/pads Axle/parts	Limiter Brake lines/fittings				Amorite Patents
						History/ Values
Piper / PA-18	La Sa	STC-016 2x Heel master cylinders				Wheels/Brakes
Cleveland/Grove		2x heel levers		other colors		Nose-Tailwheels
brakes	No. of the last	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	രജ്യര	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	(Illciuded)			Spare Parts
	Axies					Spare Parts Tools
	STC-018.2	2x Heel master cylinders				
Control of the Contro	Wheel 10" Calipers/discs/pads	2x heel levers 2x reservoirs				FAQs
	Axles					Certified kits/STCs
	/					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 Technology	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
Amorte 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 infest fittings	Axie/paits	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							
They trust us			_				

							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 Aera Technology Amonité Pater History/ Valu
							Wheels/Bral
				other colors option			SensAIR®
-							Wheel Axles
	1						Landing Gea ALG/B'FleX Shock Whee
							Hoses/Fittin Brake Contro Rudd'Air Peda
							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 Services							Exp. Kits
		_					They trust us

Cll.							
Contacts Webshop	Aircraft Make/ Model	Wheel/Brake package P/N	Brake controls (included)	Nose / Tailwheel (Included)	Wheel colour	Accessories (order separately)	Notes
BERINGER Aero Technology	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® Tires		*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						5	
Parking Valves							
Spare Parts	Viking Air /			STC-008			
Tools	Twin Otter DHC-6			Nose wheel kit Wheel 8.9x12.5"			
FAQs Certified kits/STCs	- Comment			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 Technology

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 Technology	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®	
Amorite Patents		Calipers/discs/pads Axles - Wheel caps	limiter Brake lines/fittings	axle	color			
History/ Values		·						
Wheels/Brakes	Aero East	SLI01	1	6"			Cara AID®	
Nose-Tailwheels	Europe / Sila	Wheels 4.00-6"	1x master cylinder reservoir	wheel 4.00-6"	other		- SensAIR®	
SensAIR®		*tires 15x6.00-6" Calipers/discs/pads	1x pressure limiter Brake lines/fittings	*tire 15x6.00-6" axle	colors			
Tires	Axles - Wheel caps						₩ 0 50073	
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 seve- ral original LG:
Hoses/Fittings	Super Guépard	*tires 4.00-6" Calipers/discs/pads	parking brake limiter Brake lines/fittings		a	available B'FleX LG	brake	ask us to make sure of the cor- rect dimensions
Brake Controls Rudd'Air Pedals		Axles - Wheel caps						
Regulators Anti-skid							0	
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"		*tire 4.00-4"				
FAQs	The state of the s	Calipers/discs/pads Axles - Wheel caps		Axle				
Certified kits/STCs		·						
Exp. Kits								
They trust us					I.			

	* Tires are optional ar	nd not part of the standa	ırd 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
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, Technolo Minorit* Pa History/ V Wheels/B Nose-Tailw 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 Lever/cable to lock/unlock		- Shock Wheel (two types depending on the tires)	- SensAIR® - Parking brake - Rudd'AIR pedal - Axles for Datun	s (pilot/co-pilot) n skis	Wheel Ax Landing G ALG/B'Fle Shock Wh Hoses/Fit Brake Cor Rudd'Air P Regulato Anti-skid
Aerospool / WT10	SAE03 Wheels 5.00-5" *tires 11x4.00-5" Calipers/discs/pads Axles - Wheel caps	1x master cylinder Reservoir ALIR Regulator Brake lines/fittings	included: wheel 4.00-6" *tire 13x5.00-6" Axle		- Shock Wheel	- SensAIR®		Parking V. Spare Pail Tools FAQs Certified kit Exp. Kits

* Tires are optional and not part of the standard kits

Webshop	
BERINGER Aero Technology	
Amorite Patents	g

Contacts

Catalog string					Example: W	T9F4X6NWRHB		
)	Aircraft Make	Aircraft Model	Landing Gear (optional)	Wheel & Brake Package	Tailwheel/Nose wheel (optional)		Controls	Options (Check all that apply)
J	Aerospool	WT9F □	SW□	4X6 □	NW 🗆	R□	НВ □	L 🗆
)		Dynamic WT9 (Fixed LG)	Shockwheel Lan- ding Gear System	4.00-6" SL Wheel & Single Brake	4.00-6" SL Nose Wheel	Red	Hand Brake Master Cylinder	Pressure Limiter
)	The same of the same of	THE STREET STREET				RI 🗆		`

Accessories (Order Separately)
Sensair 🗆
ire Pressure Moni- oring System
peedAIR 🗆
Wheel Pant/Fairing

History/ Values	
Wheels/Brakes	
Nose-Tailwheels	

BL □
Black
SP □
Special Color

SensA	IR€
301137	

Tires
Wheel Axles
Landing Gears ALG/B'FleX Shock Wheel

Catalog string						Example: W	T9R4X6NWRHB
Aircraft Make	Aircraft Model	Landing Gear (optional)	Wheel & Brake Package	Tailwheel/Nose wheel (optional)	Wheel Color	Controls	Options (Check all that apply)
Aerospool	WT9R □		4X6 □	NW 🗆	R□	НВ □	Lo
	Dynamic WT9 (Retract LG)	Not Applicable	4.00-6" SL Wheel & Single Brake	4.00-6" SL Nose Wheel	Red	Hand Brake Master Cylinder	Pressure Limiter
			BL 🗆				

Accessories (Order Separately)
Sensair 🗆
Tire Pressure Moni- toring System



Brake Controls Rudd'Air Pedals

Regulators Anti-skid



TOP TO	

BL □
Black
SP □
Special Color

Par	king	Valve

Spare Parts

FAQs

Tools

Certified kits/STCs

Exp. Kits

Airlony / Skylane	
	188

Aircraft Make/

Model

package P/N
SSK05 (recent model)
SSK02 (first model)
Wheels 4.00-6"
*tires 4.00-6"
Calipers/discs/pads
Wheel caps

Wheel/Brake

(included)
2x master cylinders Reservoirs ALIR regulator Brake lines/fittings

Brake controls

Nose/Tailwheel P/N (optional)
SST07A wheel 3.50-4" *tire 4.00-4" Axle

Wheel colour
standard red or black color



Landin

(opt

g Gear	Access
onal)	(order sep

- Shock Wheel - SensAIR® - SPEED'AIR - Parking brake - Co-pilot brakes



ssories	Notes
eparately)	

Other colour options







*	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 Jungmeister	SBJ02 Wheels 6.00-6"	2x master cylinders Reservoirs		standard red or black		- SensAIR® - Parking brake	The axle must be machined	BERINGER Aero Technology
	Calipers/discs/pads Axles - Wheel caps	ALIR Regulator Brake lines/fittings		color			from ø38.3 to 38.1mm	Amorite Patents
								History/ Values
AirRes / Bücker Jungmann	SBJ01 Wheels 6.00-6"	2x master cylinders Reservoirs				- SensAIR® - Parking brake	Some special parts must be	Wheels/Brakes Nose-Tailwheels
	*tires 6.00-6" Calipers/discs/pads	ALIR Regulator Brake lines/fittings		other		- Co-pilot brakes	ordered direct to AirRes .	SensAIR®
	Axles - Wheel caps			colors option			The axle must be machined	Tires
							from ø38.3 to 38.1mm	Wheel Axles
							36.111111	
Alpi Aviation / Pioneer P200/300 Kite	SPI01 Wheels 4.00-6" *tires 4.00-6"	1x master cylinder Reservoir Limiter	SPI01A wheel 3.50-4" *tire 4.00-4"		Shock Wheel	- SensAIR® -Co-pilot hand brake		Landing Gears ALG/B'FleX Shock Wheel
200/300 Kite	Calipers/discs/pads	Brake lines/fittings	Axle			DIAKC		Hoses/Fittings
	Axles - Wheel caps							Brake Controls Rudd'Air Pedals
Alpi Aviation / Pioneer P300	SPI03 Wheels 4.00-6"	1x master cylinder Reservoir	SPI01A wheel 3.50-4"		Shock Wheel	- SensAIR® -Co-pilot hand		Regulators Anti-skid
RLG	*tires 4.00-6" Calipers/discs/pads	Limiter Brake lines/fittings	*tire 4.00-4" Axle			brake		Parking Valves
40	Axles - Wheel caps							Spare Parts
A. C.								Tools
Alpi Aviation /	SPI02 Wheels 5.00-5"	1x master cylinder Reservoir	4" nose kit wheel 3.50-4"			- SensAIR® -Co-pilot hand		FAQs
Pioneer P400	*tires 5.00-5"	Limiter	*tire 4.00-4"			brake		Certified kits/STCs
	Wheel caps	Brake lines/fittings	Axle					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 Technology	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/
History/ Values	Trum	Calipers/discs/pads Axles		Axle	color			park brake : ask us, options available
Wheels/Brakes								
Nose-Tailwheels	Apollo Aircraft Apollo Fox	SAP02 Wheels 6.00-6"	2x master cylinders Reservoirs		other	- Shock Wheel - SPEED'AIR	- SensAIR® - Parking brake	
SensAIR® Tires		Calipers/discs/pads Axles- Wheel caps	ALIR Regulator Brake lines/fittings		colors option	fairings	- Co-pilot brakes	
Wheel Axles		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	The second second							
Regulators Anti-skid	ASSO / Asso 5			AV-ALPI-230 Fork 4.65"			- SensAIR®	
Parking Valves				118mm wheel 3.50-4"	(33)			
Spare Parts	dr.			*tire 4.00-4" Axle			1) mm	
Tools	ASSO /			AV-ALPI-230			- SensAIR®	
FAQs	Asso X			Fork 4.41" 112mm				
Certified kits/STCs				wheel 3.50-4" Axle				
Exp. Kits	44 1			AVIC				
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 Technology F History/
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/ Nose-Tail 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'FI Shock W Hoses/Fi Brake Co
AutoGyro / MTO Sport 2010-2017	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 Regulator Anti-skio Parking N 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 ki Exp. Kits

Cartasta	* 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 Technology	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®			
Amonto 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	other		- SensAIR® - Co-pilot brakes			
SensAIR® Tires		*tires 15x6.00-6" or 6.00-6"	ALIR Regulator Brake lines/fittings	resistant Wheel 3.50-4"	colors option		- GLR tailwheel bush TW-002	180		
Wheel Axles	0	Calipers/discs/pads Axles - Wheel caps		*tire 2.80/2.50-4" TW support Lever/cable to						
Landing Gears ALG/B'FleX Shock Wheel				lock/unlock			0	7		
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"			brakes on rudder pedals			
Regulators Anti-skid	EUÑF -			TW support Lever/cable to						
Parking Valves				lock/unlock		- SE	S. S.			
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)			_					
Certified kits/STCs Exp. Kits	4	Calipers/discs/pads Wheel caps								
exp. Kits										

	* 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 Technology
Bearhawk 2 OEM axle 1.5"	Calipers/discs/pads	Ask us, options		color				Amorite Patents
	Axles - Wheel caps	available				E rens		History/ Values
0								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		option .				Tires
								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							Hoses/Fittings
	·							Brake Controls Rudd'Air Pedals
BOT Aircraft / Speed Cruiser	SBT01 Wheels 4.00-6" *tires 4.00-6"	1x master cylinder Reservoir	SBT01A wheel 4.00-5"			- SensAIR®		Regulators Anti-skid
	Calipers/discs/pads	Parking brake Limiter	*tire 11x4.00-5" Axle					Parking Valves
The second	Axles	Brake lines/fittings				0		Spare Parts
Brandli /			AV-CHER-031			- SensAIR®		Tools
Cherry BX2			wheel 3.50-4" *tire 4.00-4"					FAQs
4			Axle					Certified kits/STCs
								Exp. Kits
								They trust us

Contacts	*	Tires are optional and no	t part of the standard kit	rs .				
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 Technology	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	lailligs	- Parking brake	
Wheels/Brakes								
Nose-Tailwheels SensAIR®	BRM / Citius Land Afrika Okavango	SSV01 Wheels 6.00-6" *tires 15x6.00-6" Calipers/discs/pads	2x master cylinders Reservoirs ALIR Regulator Brake lines/fittings	Iarge fork Wheel 4.00-6" *tire 15x6.00-6"	other	- Shock Wheel - SPEED'AIR fairings	- SensAIR® - Co-pilot brakes - Parking brake	-Nose wheel aircraft use Shock Wheel -Taildragger
Tires Wheel Axles	tires ≤ 26" Rudder pedal brakes	Axles - Wheel caps		Axle or SSV02A narrow fork wheel 4.00-6"	option	Taildragger :		use ALG LG
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	- Co			groundloop resistant TW Wheel 3.50-4" *tire 4.00-4"				
Regulators Anti-skid				TW support Lever/cable to lock/unlock				
Parking Valves	BRM /	SSV02 Wheels 6.00-6"	1x master cylinder Reservoir	SSV01A large fork		- Shock Wheel - SPEED'AIR		
Spare Parts	Citius Land Afrika	*tires 15x6.00-6"	Parking brake	Wheel 4.00-6"		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							l	

* Tires are optional and not part of the standard kits

Catalog string						Example: XL86X	6NW3RHB1LPB
Aircraft Make	Aircraft Model	Landing Gear (optional)	Wheel & Brake Package Tailwheel/Nose wheel (optional) Color Controls Options all that				
BRM Aero	XL8 □	SW □	4X6 □	NW1 □	R□	HB1 □	L □*
	Bristell XL8	Shockwheel Lan- ding Gear System	4.00-6" SL Wheel & Single Brake	3.50-4" Nose Wheel	Red	Single Hand Brake Master Cylinder	Pressure Limiter
			5X5 □	NW2 □	BL □	HB2 □	REG □*
			5.00-5" SL Wheel & Single Brake	5.00-5" Nose Wheel	Black	Dual Hand Brake Master Cylinder	ALIR Regulator
			6X6 □	NW3 🗆	SP □	2MC □	PB □*
			6.00-6" SL Wheel & Dual Brake	4.00-6" SL Nose Wheel	Special Color	Pilot Only 2 Master Cylinders	Parking Brake

4MC □ Pilot+Copilot 4 Master Cylinders Contacts

Webshop

BERINGER Aero Technology

Amorite Patents

History/ Values

(Order Separately) Sensair

Accessories

Tire Pressure Monitoring System

SpeedAIR Wheels/Brakes

Wheel Pant/ Fairing 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

* Limiter compatible with HB1 and HB2 * Regulator compatible with 2MC and 4MC * Parking Brake compatible with 2MC and 4MC





2)	*	Tires are optional and not	part of the standard kits	i				
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 Technology	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®	
Amorite* Patents		Calipers/discs/pads Axles - Wheel caps	Brake lines/fittings	Axle	color	lable		
History/ Values		Titles Wileer cups					3	
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								
Landing Gears ALG/B'FleX Shock Wheel	Chatelain / AC11	SAC02 Wheels 5.00-5"	1x master cylinder Reservoir Limiter	AV-AC11-030 wheel 4.00-5"			- SensAIR® - Parking brake	
Hoses/Fittings		*tires 5.00-5" Calipers/discs/pads Axles - Wheel caps	Brake lines/fittings	*tire 11x4.00-5" Axle		,		
Brake Controls Rudd'Air Pedals	77	Axies - Wrieer 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		and the same of th						
FAQs Contifical lite (CTCs)								
Certified kits/STCs Exp. Kits								
					l			

* 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
Colomban / Luciole MC30	SLU01 Wheels 3.50-4"	ask us		standard red or black		- SensAIR®	Other colors option	BERINGER Aero Technology
	*tires 4.00-4" Calipers/discs/pads Axles			color				Anone Patents
S-LUX	Axies					S. Guan		History/ Values
								Wheels/Brakes
				_				Nose-Tailwheels
				other colors				SensAIR®

option

Catalog string						Example: C	424X6NW1RHBL
Aircraft Make	Aircraft Model	Landing Gear (optional)	Wheel & Brake Package	Tailwheel/Nose wheel (optional)	Wheel Color	Controls	Options (Check all that apply)
Comco Ikarus	C42 🗆	SW 🗆	4X6 □	NW1 □	R□	НВ □	L
	C42	Shockwheel Lan- ding Gear System	4.00-6" SL Wheel & Single Brake	4.00-4" Nose Wheel	Red	Hand Brake Master Cylinder	Pressure Limiter
		BF □		NW2 □	BL 🗆		
		B'Flex Landing Gear System		4.00-6" SL Nose Wheel	Black		
Maria Despuis					SP □		
V					Special Color		



Accessories (Order Separately)	Landing Gears ALG/B'FleX Shock Wheel
Sensair	Hoses/Fittings
Tire Pressure	(
Monitoring System	Brake Controls

Tires

Wheel Axles

Regulators Anti-skid

Contacts

Parking Valves

Spare Parts

Tools

FAQs

Certified kits/STCs

Exp. Kits

Contacts	* T	ires 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 Technology	Compact Compositi /	SML01 Wheels 4.00-6"	ask us	AV-MIL-030 Wheel 4"	standard red or black		- SensAIR®	
Amorite* Patents	Millenium Master	*tires 4.00-6" Calipers/discs/pads Axles		* tire 4.00-4" Axle	color			
History/ Values Wheels/Brakes		, inco					Same of the same o	
Nose-Tailwheels								
SensAIR®					other colors option			
Tires					opt.o			
Wheel Axles	Czech Sport	SSC02 Wheels 5.00-5"	2x master cylinders Reservoirs	AV-CZE-030 Wheel 5"	₩		- SensAIR® - Co-pilot brakes	
Landing Gears ALG/B'FleX	Aircraft / Sportcruiser	*tires 5.00-5" Calipers/discs/pads	ALIR Regulator Brake lines/fittings	*tire 5.00-5"			- Parking brake	
Shock Wheel	BOX 3	Axles - Wheel caps	J. and investment	7	₩₩			
Hoses/Fittings								
Brake Controls Rudd'Air Pedals								
Regulators Anti-skid								



Spare Parts

Tools

FAQs

Certified kits/STCs

Exp. Kits

EXP. Ric.















* Tires are optional and not part of the standard kits

Catalog string						Example: CCUI	B6X6DBL2MCPB
Aircraft Make	Aircraft Model	Landing Gear (optional)	Wheel & Brake Package	Tailwheel/Nose wheel (optional)	Wheel Color	Controls	Options (Check all that apply)
CUBCRAFTERS	CCUB 🗆	ALG □	6X6S □	TW1 □	R□	2MC □	REG □
	Carbon Cub SS/ EX/FX	Alaska Landing Gear	6.00-6" LE Wheel & Single Brake (29" tire or less)	3.50-4" Matco Replacement	Red	Pilot Only 2 Master Cylin- ders	ALIR Regulator
			6X6D □	TW2 □	BL □		РВ□
		6.00-6" LE Wheel & Dual Brake (31" tire)	3.50-4" Scott Replacement	Black		Parking Brake	







Example: XCUB6X6NWR2MCPB



Accessories (Order Separately)

Sensair

Tire Pressure Monitoring System

Accessories

(Order Separately)

Sensair

Tire Pressure

Monitoring

System

Technology

Anoma Patents

BERINGER Aero

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

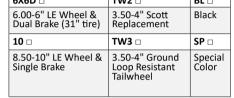
Tools

FAQs

Certified kits/STCs

Exp. Kits

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NW 🗆

6.00-6" LE

Nosewheel







Landing Gear

(optional)

Not Applicable

Aircraft

Model

XCUB □

XCUB/

NXCUB

Catalog string

Aircraft Make

CUBCRAFTERS

Wheel & Brake

Package

6.00-6" LE Wheel &

Single Brake (29" tire

6X6 □

or less)

SP □

	*	Tires are optional and no	ot part of the standard ki	ts				
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 Technology	DB4/ Fascination RLG	SFB01 Wheels 4.00-5" *tires 11x4.00-5"	1x master cylinder Reservoir Parking brake	AV-FASC-030 Fork 4.92"	red or black color		- SensAIR® -Co-pilot hand brake	
History/ Values		Calipers/discs/pads Axles	Limiter Brake lines/fittings	125mm wheel 4.00-6" *tire 4.00-6"				
Wheels/Brakes	Faration Ham FIG	SFB02	1x master cylinder	Axle AV-FASC-03 Fork 4.72"			G Game	
Nose-Tailwheels SensAIR®	Fascination FLG	Wheels 4.00-6" *tires 4.00-6"	Reservoir Parking brake	120mm wheel 4.00-5"	other colors option			
Tires		Calipers/discs/pads Axles Wheel caps	Limiter Brake lines/fittings	*tire 11x4.00-5" Axle				
Wheel Axles Landing Gears ALG/B'FleX	Direct Fly /	SAL02	1x master cylinder	Nose wheel kit :		-Shock Wheel	- SensAIR®	
Shock Wheel Hoses/Fittings	Alto 912	Wheels 4.00-6" *tires 4.00-6" Calipers/discs/pads	Reservoir Parking brake Limiter	wheel 4.00-6" *tire 4.00-6" Axle		1.1	-Co-pilot brake -Brake on stick+limiter	
Brake Controls Rudd'Air Pedals		Axles Wheel caps	Brake lines/fittings	Indicate the fork int. width:			-Wheels 5.00-5"	
Regulators Anti-skid				5.27" 134mm			0	
Parking Valves	Distar / Lambada	SLA01 Wheels 4.00-6" *tires 4.00-6"	1x master cylinder Reservoir Parking brake				- SensAIR® - Co-pilot hand brake	
Spare Parts Tools		Calipers/discs/pads Axles Wheel caps	Limiter Brake lines/fittings					
FAQs Certified kits/STCs		whice caps					G rent	
Exp. Kits								

Contacts

They trust us

* 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
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		BERINGER Aero Technology
	Calipers/discs/pads Axles Wheel caps	Limiter Brake lines/fittings	Axle	color				History/ Values Wheels/Brakes Nose-Tailwheels
Dynaero / MCR	SDY03 Standard LG SDY01 Oleo LG	2x master cylinders Reservoirs	SDY02A wheel 3.50-4"	other colors		- SensAIR® - Co-pilot brake	- MCR01 standard	SensAIR®
Dynaero / MCR	Wheels 4.00-5" *tires 11x4.00-5"	ALIR Regulator Brake lines/fittings	*tire 3.00-4" Axle	option		•	LG and oleo gear have	Tires
	Calipers/discs/pads Axles - Wheel caps		or SDY01A wheel 4.00.5"				different axles	Wheel Axles
	SDY02	2x master cylinders	*tire 11x4.00-5" Axle			- SensAIR®	- Brake master cylin- ders can be	Landing Gears ALG/B'FleX Shock Wheel
	Standard LG + brakes between the seats	Reservoirs ALIR Regulator				- Co-pilot brakes	mounte on the pedal or	Hoses/Fittings
	Wheels 4.00-5" *tires 11x4.00-5" Calipers/discs/pads	Brake lines/fittings					close to the hands	Brake Controls Rudd'Air Pedals
	Axles - Wheel caps							Regulators Anti-skid
Ekolot /	SEK01 Wheels 4.00-6"	1x master cylinder	SEK02A		- Shock Wheel	- SensAIR®	Shock Wheel:: If already	Parking Valves
Topaz/Junior	*tires 4.00-6"	Reservoir Parking brake	narrow fork SEK01A		- SPEED'AIR fairings	- Co-pilot brake	equipped	Spare Parts
	Calipers/discs/pads Axles	Limiter Brake lines/fittings	large fork wheel 4.00-6"		11		with BERIN- GER wheels,	Tools
200	Wheel caps		*tire 4.00-6" axle			Summer of the second	axle must be changed	FAQs
								Certified kits/STCs
								Exp. Kits

	*	Tires are optional and not	part of the standard kits					
Contacts Webshop	Aircraft Make/ Model	Wheel/Brake package P/N	Brake controls (included)	Nose/Tailwheel P/N (optional)	Wheel colour	Landing Gear (optional)	Accessories (order separately)	Notes
BERINGER Aero Technology	ELA Aviacion / ELA Eclipse	SEL02 Wheels 4.00-6" *tires 4.00-6"	1x master cylinder Bracket Reservoir	AV-ELA-030 wheel 3.50-4" *tire 3.00-4"	standard red or black color	- Shock Wheel - SPEED'AIR fairings	- SensAIR®	
History/ Values Wheels/Brakes Nose-Tailwheels SensAIR®	M	Calipers/discs/pads Axles Wheel caps	Limiter Brake lines/fittings	Axle	other colors			
Tires Wheel Axles	Europa Aircraft Europa monowheel	SEU02 Wheel 6.00-6" *tire 7.00-6" or 8.00-6"	1x master cylinder Reservoir Parking brake Limiter		option		- SensAIR®	Europa nose wheel : ask us
Landing Gears ALG/B'FleX Shock Wheel Hoses/Fittings	W	Caliper/disc/pads axle	Brake lines/fittings				G sens	
Brake Controls Rudd'Air Pedals	Evektor / Eurostar	SEU01 Wheels 4.00-6" *tires 15x6.00-6" Calipers/discs/pads	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	
Anti-skid Parking Valves Spare Parts		Axles Wheel caps	brake iiiles/fittings	axic			0	
Tools	Evektor / Sportstar	SEU01 Wheels 4.00-6" *tires 15x6.00-6"	2x master cylinders Reservoirs ALIR Regulator	SEU01A wheel 4.00-6" *tire 13X5.00-6"		- Shock Wheel ask us	- SensAIR® - Co-pilot brake - Parking brake	
FAQs Certified kits/STCs Exp. Kits		Calipers/discs/pads Axles Wheel caps	Brake lines/fittings	axle				
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	Webshop	
F1 Aircraft / F1 Rocket	SRO02 Wheels 5.00-5" *tires 5.00-5" Calipers/discs/pads Axles	2x master cylinders Brake lines/fittings		standard red or	standard - Ser red or - Pai	- SensAIR® - Parking brake - ALIR regulator		BERINGER Aero Technology	
								History/ Values	
								Wheels/Brakes	
Falcomposite / Furio	SFU01 Wheels 5.00-5"	4x master cylinders Reservoirs ALIR Regulator Brake lines/fittings	SFU01A wheel 4.00-5" *tire 11x4.00-5" Axle	other colors option		- SensAIR®		Nose-Tailwheels	
	*tires 5.00-5" Calipers/discs/pads Axles						SensAIR®		
						0		Wheel Axles	
False /	SFA02	2x master cylinders	SFA01A			- SensAIR®	See drawings	Landing Gears ALG/B'FleX	
Falco / F8L Axle Ø 30	Wheels 5.00-5" *tires 5.00-5" Calipers/discs/pads Axles	Reservoirs Brake lines/fittings	wheel 4.00-5" *tire 11x4.00-5" Axle		- Co-pilot brakes - ALIR regulator - Parking brake	following page	ALG/B'FleX Shock Wheel		
							Hoses/Fittings		
							Brake Controls Rudd'Air Pedals		
								Regulators Anti-skid	
						0		Parking Valves	
Falco / F8L Axle Ø 31.75	SFA01 Wheels 5.00-5" *tires 5.00-5" Calipers/discs/pads Axles	2x master cylinders Reservoirs Brake lines/fittings	SFA01A wheel 4.00-5" *tire 11x4.00-5" Axle			- SensAIR® - Co-pilot brakes - ALIR regulator - Parking brake	See drawings following page	Spare Parts	
								Tools	
								FAQs	
								Certified kits/STCs Exp. Kits	
								Exp. KILS	

* Tires are optional and not part of the standard kits

Contacts Falco F8L

Webshop

BERINGER Aero Technology

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

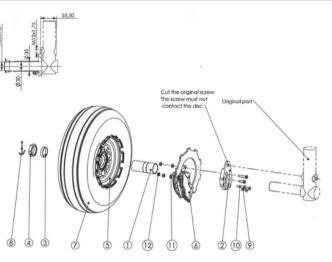
Spare Parts

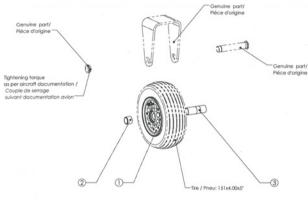
Tools

FAQs

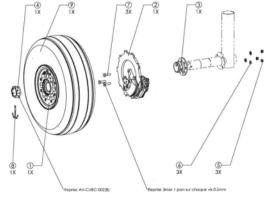
Certified kits/STCs

Exp. Kits









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* Tires are optional and not part of the standard kits Contacts Aircraft Make/ Model Wheel/Brake Nose/Tailwheel Wheel **Landing Gear** Brake controls Accessories Notes Webshop package P/N P/N (optional) (optional) (included) colour (order separately) Shock Wheel SAL01 1x master cylinder Ask us, options SensAIR® Fantasy Air / standard BERINGER Aero Wheels 4.00-6" Reservoir available red or - Co-pilot brakes Technology Allegro black *tires 4.00-6" - 6.00-6" wheels Parking brake color Amorite Patents Calipers/discs/pads Limiter Axles Brake lines/fittings History/ Values Wheel caps Wheels/Brakes SST01 - SensAIR® Fieseler / Nose-Tailwheels OEM axle 1" 25.4mm Storch other Wheels 4.00-6" SensAIR® colors Calipers/discs/pads option Tires Axles Wheel Axles SFK01 1x master cylinder SFK01A - Shock Wheel SensAIR® The brake FK Aircraft / **Landing Gears** Wheels 4.00-6" Wheel 4.00-4" - SPEED'AIR - Parking brake Lever lever is FK9 ALG/B'FleX *tires 4.00-6" Reservoir * tire 4.00-4" fairings special one Mark III-IV-V-VI Shock Wheel Calipers/discs/pads Limiter Axle for FK9 **FLA** Axles Brake lines/fittings Hoses/Fittings Wheel caps **Brake Controls** Rudd'Air Pedals SFK04 1x master cylinder SFK01A Wheels 3.50-4" Wheel 4.00-4" Lever Regulators * tire 4.00-4" Calipers/discs/pads Reservoir Anti-skid Axle Axles Brake lines/fittings Parking Valves Spare Parts - Shock Wheel -SensAIR® SFK03 1x master cylinder FK Aircraft / Tools Wheels 4.00-6" Lever - SPEED'AIR -Parking brake FK12 *tires 4.00-6" fairings -Rudder pedal Reservoir **FAQs** Calipers/discs/pads brakes (co-pilot Limiter brakes available) Axles Brake lines/fittings Certified kits/STCs Wheel caps Exp. Kits

	* Tires are optional and not part of the standard kits									
Contacts Webshop	Aircraft Make/ Model	Wheel/Brake package P/N	Brake controls (included)	Nose/Tailwheel P/N (optional)	Wheel colour	Landing Gear (optional)	Accessories (order separately)	Notes		
BERINGER Aero Technology	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			
Amorité* Patents	CTSW 2007	Calipers/discs/pads	Brake lines/fittings	axle	color					
History/ Values		Axles+brackets Wheel caps								
Wheels/Brakes										
Nose-Tailwheels	Flight Design	SFD02 Wheels 4.00-6" *tires 15x6.00-6" Calipers/discs/pads	1x master cylinder Reservoir Limiter Brake lines/fittings	AV-FDES-0301 wheel 4.00-6" *tire 4.00-6" axle						
SensAIR®	LiftAir / CTLS				other colors option					
Tires		Axles+brackets			Орион					
Wheel Axles		Wheel caps								
Landing Gears ALG/B'FleX Shock Wheel	Fly Synthesis / Storch	SFS01 Wheels 4.00-6"	1x master cylinder Lever	AV-FLIG-031 Wheel 3.50-4"			- SensAIR®	Tell us if original brakes		
Hoses/Fittings	11	*tires 13x5.00-6" Calipers/discs/pads	Reservoir Limiter	*tire 4.00-4" - Axle or 6" wheel kit				are drum brakes		
Brake Controls Rudd'Air Pedals	1/5	Axles Wheel caps	Brake lines/fittings	Wheel 4.00-6" *tire 6.00-6" - Axle						
Regulators Anti-skid	Fly Synthesis / Texan	SFS02 fixed LG Wheels 4.00-6"	1x master cylinder Lever				- SensAIR®			
Parking Valves		*tires 13x5.00-6" Calipers/discs/pads	Reservoir Limiter							
Spare Parts		Axles - Wheel caps	Brake lines/fittings							
Tools	Flying Machine	SVA01	1x master cylinder	SVA01A			- SensAIR®	Drilling of		
FAQs	Vampire Century	Wheels 4.00-6" *tires 4.00-6"	Reservoir Parking brake	wheel 4.00-6" *tire 4.00-6"			- Co-pilot brake	the spring leaf must be		
Certified kits/STCs		Calipers/discs/pads Axles	Limiter Brake lines/fittings	axle				validated		
Exp. Kits	S. Comments	Wheel caps	Drane inies, menigs				2			
They trust us										

* Tires are optional and not part of the standard kits

Catalog s	tring	Example: NYN6X6DNW2HBY					
Aircraft Make	Aircraft Model	Landing Gear (optional)	Wheel & Brake Package	Tailwheel/Nose wheel (optional)	Wheel Color	Controls	Options (Check all that apply)
FlyLight	NYN□	SW 🗆	4X6 □	NW1 □	R□	НВ □	L
	SkyRanger Nynja	Shockwheel Landing Gear System	4.00-6" SL Wheel & Single Brake	4.00-6" Nosewheel	Red	Hand Brake Master Cylinder	Pressure Limiter
		BF □	6X6S □	NW2 □	BL □	НВҮ □	
		B'Flex Landing Gear System	6.00-6" SL Wheel & Single Brake	6.00-6" Nosewheel	Black	Hand Brake Master Cylinder w/ Yankee Lever	







Accessories (Order Separately)

Sensair Tire Pressure Moni-

toring System

SpeedAIR







Brake Controls Rudd'Air Pedals

D I.	. 1
Regula	ators
ΔnHi-sl	kid

Spare Parts

Tools

Certified kits/STCs

Exp. Kits









Contacts Webshop

BERINGER Aero Technology

Amorite Patents

History/ Values Wheel Pant/Fairing Wheels/Brakes

Nose-Tailwheels

SensAIR® Tires

Wheel Axles

Hoses/Fittings

Parking Valves

FAQs

They trust us

SP □

Special Color

	* 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 Technology	Fournier/ RF3	SRF01 Ultralight Wheel 4.00-6" *tire 4.00-6"	1x master cylinder Reservoir Parking brake		standard red or black		- SensAIR®	Kit non certified
Amorité Patents		Caliper/disc/pads Axle	Limiter Brake lines/fittings		color			
History/ Values								
Wheels/Brakes Nose-Tailwheels		CDF02 Cartifical trans	4	-			- SensAIR®	Mit a contract of
SensAIR®	Fournier/ RF3-RF4	SRF03 Certified type Wheel 5.00-5" *tire 5.00-5"	1x master cylinder Reservoir Parking brake		other colors		- Sensair®	Kit available only from
Tires	11	Caliper/disc/pads Axle	Limiter Brake lines/fittings	(1)	option			Air Projet FR
Wheel Axles	B	, which	Brake inies, names					
Landing Gears ALG/B'FleX Shock Wheel								
Hoses/Fittings	Fournier/ RF5	SRF04 Wheel 5.00-5" *tires 380x150-5"	1x master cylinder Reservoir Parking brake				- SensAIR®	Kit non certified
Brake Controls Rudd'Air Pedals	-	Caliper/disc/pads Axle	Limiter Brake lines/fittings		689			
Regulators Anti-skid			· -					
Parking Valves								
Spare Parts	Fournier/ RF9	SRF05 Wheel 4.00-5"	1x master cylinder Reservoir				- SensAIR® - Parking brake	Kit non certified
Tools	Town	*tires 11x4.00-5" Caliper/disc/pads	Limiter Brake lines/fittings				***	
FAQs Certified kits/STCs	Tem	Axle						
Exp. Kits							3 2003	

* 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
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 Technology ### 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

Landing Gear

(optional)

Not Applicable

* Tires are optional and not part of the standard kits

5X5 □

Single Brake

Wheel & Brake

Package

5.00-5" HL Wheel &

Webshop
BERINGER Aero Technology
Amoite Patents

Contacts

Catalog string

Make

Glasair

Aircraft Model

GL3 □

Glasair III RLG

Amores Patents
History/ Values





SensAIR®

Tires

Wheel Axles

Landing Gears ALG/B'FleX Shock Wheel



NW 🗆	R□	2MC □	REG □
4.00-5" Nosewheel	Red	Pilot Only 2 Master Cylinders	ALIR Regulator
	BL □	4MC □	РВ□
	Black	Pilot+Copilot 4 Master Cylinders	Parking Brake
	SP □		
	Special Color		The second second

Controls

Example: GL35X5NWR2MCREGPB



Options (Check all that apply)





Brake Controls Rudd'Air Pedals

Hoses/Fittings





Spare Parts

Tools

FAQs

Certified kits/STCs

Exp. Kits

They trust us

)	Catalog s	Catalog string Example: GLS6X6R4M					GLS6X6R4MCPB	
	Aircraft Make	Aircraft Model	Landing Gear (optional)	Wheel & Brake Package	Tailwheel/Nose wheel (optional)	Wheel Color	Controls	Options (Check all that apply)
	Glasair	GLS 🗆		6X6 □		R□	2MC □	REG □
		Glasair Sportsman	Not Applicable	6.00-6" HE Wheel & Single Brake	Not Applicable	Red	Pilot Only 2 Master Cylinders	ALIR Regulator
J.						BL□	4MC □	PB □

Tailwheel/Nose

wheel (optional)

Wheel

Color



BL □	4MC □	РВ □
Black	Pilot+Copilot 4 Master Cylinders	Parking Brake
SD 🗆		•

Special Color



Accessories (Order Separately) Sensair Tire Pressure Monitoring System



They trust us

* Tires are optional and not part of the standard kits Contacts Aircraft Make/ Wheel/Brake Nose/Tailwheel Wheel **Landing Gear** Accessories Brake controls Notes Webshop Model package P/N P/N (optional) colour (optional) (included) (order separately) SHP01 1x master cylinder -SensAIR® Kit non Glasflügel/ standard BERINGER Aero Wheel 4 00-5" Libelle H201 Reservoir red or certified Technology black *tire 11x4.00-5" Parking brake color Amorite Patents Caliper/disc/pads Limiter Axle Brake lines/fittings History/ Values SMES01 -SensAIR® Wheels/Brakes 2x master cylinders **AV-MENES-630** Henri Nicollier Wheels 4.00-6" Reservoirs (GLR tailwheel) -Parking brake Menestrel Nose-Tailwheels **ALIR Regulator** Wheel 3.50-4" *tires 15x6.00-6" -Rudd'AIR pedals Calipers/discs/pads Brake lines/fittings *tire 2.80/2.50-4" other SensAIR® colors Axles Tailwheel support option Wheel caps Lever to lock/ Tires unlock Wheel Axles -SensAIR® SHP01 1x master cylinder HPH/ Wheel 5.00-5" Reservoir **Landing Gears HPH 304S** ALG/B'FleX *tire 5.00-5" Limiter Shock Wheel Caliper/disc/pads Brake lines/fittings Axle Hoses/Fittings STE01 -Shock Wheel -SensAIR® - 8" wheels 1x master cylinder AV-HUM-030 **Brake Controls** Humbert Wheels 6.00-6" Rudd'Air Pedals Reservoir Wheel 3.50-4 -Parking brake for DURO Aviation / *tires 15x6.00-6" Parking brake -Co-pilot brake 21" and Axle Tetras Regulators -Differentiel 27.5" tires Calipers/discs/pads Limiter Tire: ask us Anti-skid Axles - Wheel caps Brake lines/fittings brakes on rudder also available in addition, hand Parking Valves STE03 actuated -Datum skis Wheels 6.00-6" Tetras new LG mounting: Spare Parts *tires 15x6.00-6" order STE02 Calipers/discs/pads kit with spe-Tools Axles - Wheel caps cial axles FAQs AV-IBIS-030 -SensAIR® Ibis Aircraft / Wheel 4.00-6" Certified kits/STCs Ibis * tire 15x6.00-6" Exp. Kits Axle

* Tires are optional and not part of the standard kits

Contacts	Thes are optional and not part of the standard kits									
	Catalog string			Example: SAV6X6DNW1R4MCPB						
Webshop BERINGER Aero	Aircraft Make	Aircraft Model	Landing Gear (optional)	Wheel & Brake Package	Tailwheel/Nose wheel (optional)	Wheel Color	Controls	Options (Check all that apply)	Accessories (Order Separately)	
Technology	ICP	SAV 🗆	ALG □*	6X6S □	NW1 □	R□	HB1 □	L □*	Sensair	
Amorite* Patents		Savannah	Alaska Landing Gear	6.00-6" SL Wheel & Single Brake (26" tire or less)	4.00-6" Nose Wheel 210mm Fork	Red	Single Hand Brake Master Cylinder	Pressure Limiter	Tire Pressure Monitoring System	
History/ Values	kes eels ire		SW □	6X6D □	NW2 □	BL 🗆	HB2 □	REG □*	SpeedAIR	
Wheels/Brakes			Shockwheel	6.00-6" SL Wheel	4.00-6" Nose Wheel	Black	Dual Hand Brake	ALIR Regulator	Wheel Pant/Fairing	
Nose-Tailwheels			Landing Gear System	& Dual Brake (over 26" tire)	156mm Fork		Master Cylinder			
SensAIR®			BF □	7X8D □	NW3 □	SP □	2MC □	PB □*		
Tires			B'Flex Landing Gear System	7.00-8" SL Wheel & Dual Brake	4.00-6" Nose Wheel 146mm Fork	Special Color	Pilot Only 2 Master Cylinders	Parking Brake		
Wheel Axles	-	A LIVE			TW □*		4MC □			
Landing Gears					3.50-4" Ground Loop Resistant Tailwheel		Pilot+Copilot 4 Master Cylinders			
ALĞ/B'FleX Shock Wheel	FleX		* ALG compatible with taildragger on * TW compatible with taildragger onl			* Limiter compatible with HB1 and HB2 * Regulator compatible with 2MC and 4MC * Parking Brake compatible with 2MC and		and 4MC	MC	
Hoses/Fittings						I al Kii	ig brake compatible	vvitii ZiviC aliu 4iv		

Brake Controls Rudd'Air Pedal
Regulators

Anti-skid

Parking Valves

Spare Parts Tools

FAQs

Certified kits/STCs

Exp. Kits

They trust us

ls	Catalog st	ring		Example: VNT6X6NW1BL4MCPB							
d	Aircraft Make	Aircraft Model	Landing Gear (optional)	Wheel & Brake Package	Tailwheel/Nose wheel (optional)	Wheel Color	Controls	Options (Check all that apply)			
ב ר	ICP	VNT 🗆		6X6 □	NW1 □	R□	2MC □	REG □			
		Ventura	Not Applicable	6.00-6" LE Wheel & Single Brake	4.00-6" Nose Wheel	Red	Pilot Only 2 Master Cylinders	ALIR Regulator			
			-	all a	NW2 □	BL □	4MC □	РВ □			
	Pales	1			5.00-5" Nose Wheel	Black	Pilot+Copilot 4 Master Cylinders	Parking Brake			
		A VI	NENTURA ELSNG			SP □					

Special Color

Accessories (Order Separately)

Sensair

Tire Pressure Monitoring System



* 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		●●		-SensAIR®	LG leg must be drilled for a fifth hole





Contacts

Webshop

BERINGER Aero Technology

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

	*	Tires are optional and n	ot part of the standard	kits				
Contacts		,	, ,	Nose/Tailwheel P/N	14/b 1	Laurellian Consu		N 1-4
Webshop	Aircraft Make/ Model	Wheel/Brake package P/N	Brake controls (included)	(optional)	Wheel colour	Landing Gear (optional)	Accessories (order separately)	Notes
BERINGER Aero Technology	JC Léger / Pataplume	SPA01 Wheels 4.00-6" *tires 6.00-6"	Contact us		standard red or black		-SensAIR® -Parking brake	
Amorite* Patents		Calipers/discs/pads			color			
History/ Values		Axles 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	(fork 210mm) Wheel 3.50-4		 SPEED'AIR fairings 	-Co-pilot brakes -Parking brake	
SensAIR®	130	Calipers/discs/pads Axles Wheel caps	Brake lines/fittings	*tire 4.00-4 Axle	other colors	/ /	AND THE STATE OF T	
Tires					option			
Wheel Axles	4							
Landing Gears ALG/B'FleX Shock Wheel	Avions Jodel / D20 ULM	SJD01 Wheels 4.00-5"	2x master cylinders Reservoirs	TW-001 (GLR tailwheel)			-SensAIR® -Co-pilot brakes	-The wheel axle fitting
		*tires 5.00-5" Calipers/discs/pads Axles Wheel caps	ALIR Regulator Brake lines/fittings	Wheel 3.50-4" *tire 2.80/2.50-4"			-Parking brake	requires to weld a T1
Hoses/Fittings				Tailwheel support Lever to lock/ unlock	683			bracket -GLR TW
Brake Controls Rudd'Air Pedals	1-907						6	may need
Regulators Anti-skid								some modi- fication
Parking Valves	Avions Jodel / Jodel 1.97" axle	SJD03 6" wheels with SJD05 6" wheels with		TW-001 (GLR tailwheel)			-SensAIR® -Datum skis	
	(50mm)	Wheels 6.00-6" - *ti		Ask us, options			mounting special	
Spare Parts		Calipers/discs/pads Axles/spacers to wel	d	<u>available</u>			parts	
Tools		Brake controls : ask (ıs					
FAQs		SJD04 5" wheels with					-SensAIR®	
Certified kits/STCs		Wheels 5.00-5" - *ti Calipers/discs/pads	res 5.00-5"					
Exp. Kits		Axles/spacers to wel					2	
They trust us		Brake controls : ask ı	JS					

	* 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
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 Technology
	Calipers/discs/pads Axles		available	color				History/ Values
Avions Jodel / D140	SJD02 Wheels 6.00-6" -	2x master cylinders Reservoirs	TW-001 (GLR tailwheel)			-SensAIR® -Parking brake	Other Jodel types : ask	Wheels/Brakes
Mousquetaire	*tires on demand Calipers/discs/pads	ALIR Regulator Brake lines/fittings	Ask us, options available	other			us	Nose-Tailwheels
	Axle parts to weld Brake controls : ask us			colors option				SensAIR® Tires
						O tents		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
	Calipers/discs/pads Axles	Limiter Brake lines/fittings	*tire 2.80/2.50-4" Tailwheel support		WAR TO		some modi- fication	Hoses/Fittings
	Wheel caps		Lever to lock/ unlock			3 mm		Brake Controls Rudd'Air Pedals
Jonker /	JON02	Limiter				-SensAIR®		Regulators Anti-skid
JS1	Wheel 5.00-5" *tire 5.00-5"	Brake lines/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" Caliper/disc/pads	(for disabled pilot)						FAQs
	Axle							Certified kits/STCs
								Exp. Kits

* Tires are optional and not part of the standard kits

Contacts								
Webshop	Catalog s	tring					Example: HLDAL	G6X6R4MCREG
•	Aircraft Make	Aircraft Model	Landing Gear (optional)	Wheel & Brake Package	Tailwheel/Nose wheel (optional)	Wheel Color	Controls	Options (Check all that apply)
Technology	JUST	HLD □	ALG □	6X6 □		R□	2MC □	REG □
Amorite* Patents		Highlander	Alaska Landing Gear	6.00-6" SL Wheel & Dual Brake	Not Applicable	Red	Pilot Only 2 Master Cylinders	ALIR Regulator
History/ Values							,	
144 1 /0 1				7X8 □		BL □	4MC □	РВ □
Wheels/Brakes		*		7.00-8" SL Wheel &		Black	Pilot+Copilot	Parking Brake
Nose-Tailwheels	- Ja			Dual Brake			4 Master Cylinders	J
Cara AID®			- Comment			SP □		

Accessories (Order Separately) Sensair Tire Pressure Monitoring System





SensAIR®	
Tires	
Wheel Axles	
Landing Gears ALG/B'FleX Shock Wheel	

Contacts Webshop

Shock wheel								
Hoses/Fittings	Catalog s	tring					Example: SS	T6X6R4MCREG
Brake Controls Rudd'Air Pedals	Aircraft Make	Aircraft Model	Landing Gear (optional)	Wheel & Brake Package	Tailwheel/Nose wheel (optional)	Wheel Color	Controls	Options (Check all that apply)
Danulatara	JUST	SST 🗆	ALG □	6X6 □		R□	2MC □	REG □
Regulators Anti-skid		SuperSTOL	Alaska Landing Gear	6.00-6" SL Wheel & Dual Brake	Not Applicable	Red	Pilot Only 2 Master Cylinders	ALIR Regulator
Parking Valves				7X8 □		BL □	4MC □	PB □
	,		tie.	///		DL 🗆	4IVIC 🗆	PD 🗆
Spare Parts	A STATE OF THE PARTY OF THE PAR		te and	7.00-8" SL Wheel &		Black	Pilot+Copilot	Parking Brake
Tools		Service Services		Dual Brake			4 Master Cylinders	
IOOIS	C. Charles and Property of the Parks				I			

Accessories (Order Separately)
Sensair
Tire Pressure Mo- nitoring System









Special Color

SP □

Special Color

* Tires are optional and not part of the standard kits

Catalog string						Example: I	KTF016X6R4MC
Aircraft Make	Aircraft Model	Landing Gear (optional)	Wheel & Brake Package	Tailwheel/Nose wheel (optional)	Wheel Color	Controls	Options (Check all that apply)
Kitfox	KTF01 □	SW □*	6X6 □		R□	2MC □	REG □
	TK1 Landing Gear	Shockwheel Landing Gear System	6.00-6" SL Wheel & Dual Brake	Not Applicable	Red	Pilot Only 2 Master Cylinders	ALIR Regulator
	KTF02 □		7X8 □		BL 🗆	4MC □	РВ □
	Stock Spring/ Shock Monster Gear		7.00-8" SL Wheel & Dual Brake		Black	Pilot+Copilot 4 Master Cylinders	Parking Brake
				_	SP □		

* Shockwheel compatible with stock spring gear only







Webshop

Accessories (Order Separately) BERINGER Aero Technology

Amorite Patents

History/ Values

Sensair

Tire Pressure Mo-nitoring System

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



Special Color

Contacts	î	Tires are optional and n	ot part of the standard i	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 Technology	Lambert/ Mission 106	SLA04 Wheels 6.00-6"	2x master cylinders Reservoirs		standard red or black		-SensAIR® -Parking brake	
Amorite Patents		*tires 22x8.50-6" Calipers/discs/pads	ALIR regulator Brake lines/fittings		color		-Co-pilot brakes	
History/ Values		Axles Wheel caps						
Wheels/Brakes	Lancair /			AV-LANC-430			-SensAIR®	
Nose-Tailwheels	Calima T90			Wheel 4.00.5" Axle				
SensAIR®	2			/ Mic	other colors option			
Tires	444				οριίστι			

Catalog s	tring					Example: LAN34	X5NWR4MCPB
Aircraft Make	Aircraft Model	Landing Gear (optional)	Wheel & Brake Package	Tailwheel/Nose wheel (optional)	Wheel Color	Controls	Options (Check all that apply)
Lancair	LAN3 🗆		4X5 □	NW 🗆	R□	2MC □	REG □
	320/360 RLG	Not Applicable	5.00-5" HL Wheel & Single Brake	4.00-5" Nosewheel	Red	Pilot Only 2 Master Cylinders	ALIR Regulator
			5X5 □		BL □	4MC □	РВ □
			5.00-5" HL Wheel & Single Brake		Black	Pilot+Copilot 4 Master Cylinders	Parking Brake
				SP □			
					Special Color		The state of the s











Exp. Kits

Certified kits/STCs

Wheel Axles

Landing Gears ALG/B'FleX

Hoses/Fittings

Brake Controls Rudd'Air Pedals

Parking Valves Spare Parts

Regulators Anti-skid

Tools **FAQs**

Shock Wheel

* Tires are optional and not part of the standard kits

Catalog string						Example: LAN25	SX5NWR4MCPB
Aircraft Make	Aircraft Model	Landing Gear (optional)	Wheel & Brake Package	Tailwheel/Nose wheel (optional)	Wheel Color	Controls	Options (Check all that apply)
Lancair LAN2			5X5 □	NW 🗆	R□	2MC □	REG □
	Legacy/Barra- cuda	Not Applicable	5.00-5" HL Wheel & Single Brake	4.00-5" Nosewheel	Red	Pilot Only - 2 Mas- ter Cylinders	ALIR Regulator
					BL □	4MC □	РВ□



BL □	4MC □	РВ □
Black	Pilot+Copilot - 4 Master Cylinders	Parking Brake

Special Color



Catalog s	tring					Example: LAN46	SX6NWR4MCPB
Aircraft Make	Aircraft Model	Landing Gear (optional) Wheel & Brake Package		Tailwheel/Nose Whee wheel (optional) Color		Controls	Options (Check all that apply)
Lancair	LAN4 □		6X6 □ NW □		R□	2MC □	REG □
	Lancair IV	Not Applicable	6.00-6" HE Wheel & Single Brake	5.00-5" Nosewheel	Red	Pilot Only 2 Master Cylinders	ALIR Regulator



	,		
BL □	4MC □	РВ □	
Black	Pilot+Copilot 4 Master Cylinders	Parking Brake	

SP

Special Color



Contacts

Webshop

Accessories (Order Separately) BERINGER Aero Technology

Sensair

Tire Pressure Monitoring System

History/ Values
Wheels/Brakes

Amorite Patents

Nose-Tailwheels

SensAIR®

Tires

Wheel Axles

WIICEI AXIES

Landing Gears ALG/B'FleX Shock Wheel

Hoses/Fittings

Brake Controls Rudd'Air Pedals

Accessories (Order Separately)

Sensair

Tire Pressure M

Tire Pressure Monitoring System



Parking Valves

Regulators Anti-skid

Spare Parts

Tools

FAQs

Certified kits/STCs

Exp. Kits

* Tires are optional and not part of the standard kits

contacts							
Webshop	Aircraft Make/Model	Wheel/Brake package P/N	Brake controls (included)	Wheel colour	Landing Gear (optional)	Accessories (order separately)	Notes
BERINGER Aero Technology	Lockwood / Aircam	SARC01 Wheel 6.00-6"	2x master cylinders Reservoirs	standard red or		-SensAIR®	
Amorite* Patents	Allcall	Calipers/discs/pads Axles	ALIR Regulator Brake lines/fittings	black color			
History/ Values	GIN D AIRCAM					S. S. S.	
Wheels/Brakes	B Comments						
Nose-Tailwheels	M&M / Swift S1	SWI02 Wheel 4.00-5"	1x lever+master cylinder	other colors		-SensAIR®	Non certi- fied kit
SensAIR®	- 500	*tire 336x115-5" Caliper/disc/pads	Reservoir Limiter	option			
Tires	A conver from	Axle - Wheel caps	Brake lines/fittings				
Wheel Axles	Ked Bull					D was	
Landing Gears							

Landing Gears	-	The same					7		
ALG/B'FleX Shock Wheel									
Hoses/Fittings	Catalog st	tring					Example: M16S	SW4X6NW1HBL	
Brake Controls Rudd'Air Pedals	Aircraft Make	Aircraft Model	Landing Gear (optional)	Wheel & Brake Package	Tailwheel/Nose wheel (optional)	Wheel Color	Controls	Options (Check all that apply)	(
Nuuu Aii Feuais	MAGNI	M16 □	SW □	4X6 □	NW1 □	R□	НВ□	Lo	9
Regulators Anti-skid		M16 Trainer / M22 Voyager	Shockwheel Landing Gear System	4.00-6" SL Wheel & Single Brake	3.50-4" Nosewheel - 123mm Fork	Red	Hand Brake Master Cylinder	Pressure Limiter	r
Parking Valves	I	M24 □	_	6X6 □	NW2 □	BL □			•
Spare Parts	ĺ	M24 Orion	1 1	6.00-6" SL Wheel & Single Brake	3.50-4" Nosewheel - 143mm Fork	Black			١
Tools	The same	No.			NW3 □	SP □			_
FAQs		V			4.00-6" Nosewheel	Special Color			
Certified kits /STCs				,			,		- (



Accessories

(Order Separately) Sensair

Tire Pressure Monitoring System SpeedAIR

Wheel Pant/

Fairing

They trust us

Contacts Webshop

Certified kits/STCs Exp. Kits



	* 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
Marcel Jurca Aviation / Sirocco MJ5	SSI01 Wheels 6.00-6" *tires 15x6.00-6" Calipers/discs/pads Axles+support to weld	2x master cylinders Reservoirs ALIR Regulator Brake lines/fittings		standard red or black color		-SensAIR®		BERINGER Aero Technology Amoritat Patents History/ Values
Max Plan/ Busard MP207	SBU01 Wheels 5.00-5" *tires 336x115-5" Calipers/discs/pads Axles	2x master cylinders Reservoirs ALIR Regulator Brake lines/fittings		other colors option	-Shock Wheel -SPEED'AIR fairings	-SensAIR® -Parking brake		Wheels/Brakes Nose-Tailwheels SensAIR® Tires
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		Wheel Axles Landing Gears ALG/B'FleX Shock Wheel Hoses/Fittings
Murphy / Rebel Maverick	SMU01 SMU 02 Wheels 6.00-6" Calipers/discs/pads Axles - Wheel caps	Ask us, options available			ALG landing gear	-SensAIR®		Regulators Anti-skid Parking Valves Spare Parts
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		Tools FAQs Certified kits/STCs Exp. Kits

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)	Notes
BERINGER Aero Technology Anone Patents History/ Values	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 Lever 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
Wheels/Brakes Nose-Tailwheels SensAIR® Tires Wheel Axles		SNG03 Wheels 6.00-8" *tires DURO 21" or 27.5" Calipers/discs/pads Axles Wheel caps	2x master cylinders Reservoirs ALIR Regulator Brake lines/fittings	AV-GROP-620 (GLR tailwheel) Wheel 3.50-4" *tire 2.80/2.50-4" Tailwheel support Lever to lock/unlock	other colors option			AV-GROP-630 (4.00-4" tire) -> Leaf must be changed and some adaptation is required
Landing Gears ALG/B'FleX Shock Wheel Hoses/Fittings Brake Controls Rudd'Air Pedals	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®	
Regulators Anti-skid Parking Valves Spare Parts Tools FAQs Certified kits/STCs	Norécrin / Nord 1200/1201 1202/1203	SNR01 Wheels 6.00-6" *tires 6.00-6" Calipers/discs/pads Axles Wheel caps	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
Hoses/Fittings Brake Controls Rudd'Air Pedals Regulators Anti-skid Parking Valves Spare Parts Tools FAQs Certified kits/STCs	Nord 1200/1201	Caliper/disc/pads Special parts axle SNR01 Wheels 6.00-6" *tires 6.00-6" Calipers/discs/pads Axles	2x master cylinders Reservoirs ALIR Regulator	Wheel 5.00-5" *tire 5.00-5"				

Aviation / Karatoo		* Tires are optional and	d not part of the standar	d kits					(C .
Norman Aviation SkA01	Aircraft Make/	Wheel/Brake	Brake controls			Landing Gear		Notes	
-5.00-5" vintage spoke wheels spoke wheels - *tires 3.50-19" vintage style/tubes Calipers/discs/pads Axles on demand Wheel caps Pipistrel / Alpha Trainer Velis Electro Pipistres 4.00-6" Calipers/discs/pads Axles Wheel caps Axles Wheel caps 2x master cylinders Reservoirs ALIR Regulator Brake lines/fittings 4x master cylinders Reservoir ALIR Regulator Brake lines/fittings 5x master cylinders Reservoir ALIR Regulator Brake lines/fittings 4x master cylinders Reservoir ALIR Regulator Brake lines/fittings 5x master cylinders Reservoir ALIR Regulator Brake lines/fittings 5x master cylinders Reservoir ALIR Regulator Brake lines/fittings 5x master cylinders Reservoir ALIR Regulator Brake lines/fittings 6x master cylinder Standard Brake lines/fittings 7x master cylinder Standard Brake lines/fittings 8x master cylinder Standard Brake lines/fittings 8x master cylinder Standard Brake lines/fittings 9x master cylinder Stan	Norman Aviation /	SKA01 Wheels 6.00-6" *tires 15x6.00-6" Calipers/discs/pads Axles	2x master cylinders Reservoirs ALIR Regulator	(optional)	standard red or black	(optional)	-SensAIR® -Co-pilot brakes		BERINGER Aero
Pipistrel / Alpha Trainer Velis Electro SPP02 Wheels 4.00-6" *tires 4.00-6" Calipers/discs/pads Axles Wheel caps Axles Wheel caps Axles Wheel caps Axles Tools FAQs Axles FAQs Axles FAQs Axles FAQs	Pietenpol	- 5.00-5" vintage spoke wheels - *tires 3.50-19" vintage style/tubes Calipers/discs/pads Axles on demand	2x master cylinders Reservoirs ALIR Regulator		colors option			wheel / stainless	Tires Wheel Axles Landing Gears ALG/B'FleX
Exp. Kits	Alpha Trainer	Wheels 4.00-6" *tires 4.00-6" Calipers/discs/pads Axles	Lever Reservoir Limiter	Wheel 3.50-4" *tire 4.00-4"		-SPEED'AIR			Anti-skid Parking Valves Spare Parts Tools FAQs Certified kits/STCs

* Tires are optional and not part of the standard kits

ш.							,			
)	Catalog s	tring			Example: PIPSV4X6NW1R4MCPB					
)	Aircraft Make	Aircraft Model	Landing Gear (optio- nal)	Wheel & Brake Package	Tailwheel/Nose wheel (optional)	Wheel Color	Controls	Options (Check all that apply)		
J	Pipistrel	PIPSV 🗆	SW □	4X6 □	NW1 □	R□	2MC □	REG □		
		Sinus/Virus	Shockwheel Landing Gear System	4.00-6" SL Wheel & Single Brake	3.50-4" Nosewheel - 168mm Fork	Red	Pilot Only 2 Master Cylinders	ALIR Regulator		
J					NW2 □	BL □	4MC □	РВ □		
)			i i		3.50-4" Nosewheel - 130mm Fork	Black	Pilot+Copilot 4 Master Cylinders	Parking Brake		

NW3 □

3.50-4" Nosewheel -115mm Fork

Accessories (Order Separately)
Sensair
Tire Pressure Mo- nitoring System
SpeedAIR
Wheel Pant/ Fairing









SP

Special Color

Contacts Webshop

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

	* 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 Technology 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

Contacts	*	Tires are optional and n	ot part of the standard l	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 Technology	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		SRA04 DUAL brakes Wheels 6.00-6" DUAL Calipers Discs/pads Axles - Wheel caps	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 or TW-002 (GLR tailwheel) Wheel 3.50-4"	other			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		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 Lever to lock/ unlock				2.80/2.50-4"
Shock Wheel 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 Parking Valves Spare Parts	Rans / S19	SRA03 Wheels 5.00-5" *tires 5.00-5" Calipers/discs/pads Axles - Wheel caps	2x master cylinders Reservoirs Regulator Brake lines/fittings				-SensAIR® -Co-pilot brakes -Parking brake	
Tools FAQs	Rans / S21	SRA06 Wheels 6.00-6" *tires 6.00-6"	ask us Brake lines/fittings				-SensAIR®	
Certified kits/STCs Exp. Kits	1	Calipers/discs/pads Axles - Wheel caps					G rent	
They trust us								



* Tires are optional and not part of the standard 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
Roko Airplanes Roko NG4	SMS01 Wheels 4.00-6" *tires 15.6.00-6"	2x master cylinders Reservoirs ALIR Regulator	Ask us, options available			-SensAIR® -Co-pilot brakes -Parking brake	5" main wheels avai- lable	BERINGER Aero Technology
	Calipers/discs/pads Axles Wheel caps	Brake lines/fittings				A STATE	144.0	History/ Values
	wheel caps							Wheels/Brakes
Rotor Flight Dynamics /	SDO02 Wheels 4.00-6" *tires 4.00-6"	1x master cylinder Reservoir Parking brake	Ask us, options available			-SensAIR®		Nose-Tailwheels SensAIR®
Dominator	Calipers/discs/pads Axles	Limiter Brake lines/fittings						Tires 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 -Parking brake		Hoses/Fittings
	Calipers/discs/pads Axles	ALIR Regulator Brake lines/fittings	*tire 2.80/2.50-4"			-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
2.380,	*tires 5.00-5" Calipers/discs/pads	Brake lines/fittings	*tire 10x3.50-4" Axle			-Parking brake -ALIR Regulator		Tools
-	Axles Wheel caps							FAQs Certified kits/STCs
	351 55/							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 Technology	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	
Amorite Patents		Calipers/discs/pads Axles	Brake lines/fittings	Axle	color		Tarking brake	
History/ Values Wheels/Brakes		Wheel caps						
Nose-Tailwheels							D.	
SensAIR®	Rutan / VariEze	SLE02 Wheels 4.00-5"	2x master cylinders Reservoirs	Ask us, options available	other colors option		-SensAIR® -Co-pilot brakes	
Tires		*tires 11x4.00-5" Calipers/discs/pads	ALIR Regulator Brake lines/fittings				-Parking brake	
Wheel Axles Landing Gears		Axles Wheel caps						
ALG/B'FleX Shock Wheel							3 Den	
Hoses/Fittings	Schleicher / ASW17/ASW22	Wheel 5.00-5" *tire 5.00-5"	1x master cylinder Reservoir				-SensAIR®	Wheel spacer to
Brake Controls Rudd'Air Pedals		Caliper/disc/pads Axle	Limiter Brake lines/fittings					be made by yourself
Regulators Anti-skid								
Parking Valves	Seamax /	SSEA01	2x master cylinders				-SensAIR®	Wheels have
Spare Parts	M22	Wheels 4.00-5" *tires 11x4.00-5"	Reservoirs Brake lines/fittings				-Parking brake	stainless steel bea-
Tools	24	Calipers/discs/pads Axles	Diane inico, ittiligo					rings
FAQs Certified kits/STCs		Wheel caps						
Exp. Kits							D mit	
EAP. KILS								

* Tires are optional and not part of the standard kits

	* 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
Skyleader 150/200	SSL01 Wheels 4.00-5" *tires 11x4.00-5"	1x master cylinder Reservoir Parking brake Limiter	SSL01A Wheel 3.50-4" *tire 4.00-4" Axle	standard red or black color		-SensAIR® -Rudder co-pilot brakes	SL400 : ask us	BERINGER Aero Technology
A TOPA	Calipers/discs/pads Axles - Wheel caps	Brake lines/fittings	Axie					History/ Values Wheels/Brakes
SkyReach / Cheetah XLS	SCX01 Wheels 4.00-6" *tires 4.00-6" Calipers/discs/pads	1x master cylinder Reservoir Parking brake Limiter	Ask us, options available	other colors		-SensAIR® -Co-pilot brake		Nose-Tailwheels SensAIR®
	Axles/Parts Wheel caps	Brake lines/fittings		option				Tires Wheel Axles
Spacek / SD2	SPAC01 Wheels 4.00-6" *tires 4.00-6" Calipers/discs/pads	1x master cylinder Lever Reservoir Limiter	SPAC01A Wheel 3.50-4" *tire 4.00-4" Axle			-SensAIR® -Parking brake		Landing Gears ALG/B'FleX Shock Wheel
	Axles Wheel caps	Brake lines/fittings						Hoses/Fittings Brake Controls Rudd'Air Pedals
Team Aircraft / Airbike	SAB01 6" wheels Wheels 4.00-6" Calipers/discs/pads Axles	1x master cylinder Reservoir Parking brake Limiter				-SensAIR®		Regulators Anti-skid
	Wheel caps	Brake lines/fittings				() tons		Parking Valves Spare Parts
	SAB02 5" wheels Wheels 5.00-5" *tires 5.00-5"	1x master cylinder Reservoir Parking brake						Tools FAQs
	Calipers/discs/pads Axles Wheel caps	Limiter Brake lines/fittings						Certified kits/STCs 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 Technology	Tecnam / P2002	STP05 Wheels 5.00-5" *tires 5.00-5"	1x master cylinder Extender Reservoir	STP02A Wheel 5.00-5" *tire 5.00-5"	standard red or black		-SensAIR®
Anone Patents History/ Values		Calipers/discs/pads Axles	Limiter Brake lines/fittings	Axle	color		
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 5.00-5" - *tire 5.00-5"- Axle or AV-TEC-231 fork 5.06" 128.5mm	other		-SensAIR®
SensAIR® Tires		Calipers/discs/pads Axles		Wheel 4.00-6" - * tire 6.00-6" Axle or AV-TEC-232 fork 5.41" 137.5mm	colors		
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 Rudd'Air Pedals		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			
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 Tools	Tecnam /	STP04	1x master cylinder	STP04A		-Shock Wheel	-SensAIR®
FAQs	P96	Wheels 5.00-5" *tires 5.00-5" Calipers/discs/pads	Reservoir Limiter Brake lines/fittings	Wheel 5.00-5" - *tire 5.00-5"- Axle		-SPEED'AIR fairings	
Certified kits/STCs		Axles Wheel caps	Diake illies/fittiligs				
Exp. Kits		·					
They trust us							

They trust us

* Tires are optional and not part of the standard kits

* -	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 Technology
	Calipers/discs/pads Axles	Limiter Brake lines/fittings		color			Amont 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		ре спескей		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
- junnigs	Calipers/discs/pads - Axles	Brake lines/fittings	1x axle				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
VIII	*tires 15x6.00-6" Calipers/discs/pads - Axles	ALIR Regulator Brake lines/fittings	* tire 4.00-6"			-Parking brake	Certified kits/STCs
	p,, p	25,					Exp. Kits

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)	Notes
BERINGER Aero Technology	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	
Amorite Patents	Ranger	Calipers/discs/pads Axles	Limiter Brake lines/fittings		color		R	
History/ Values	A STATE OF THE STA	Wheel caps	brake lines/ fittings				G 5	
Wheels/Brakes Nose-Tailwheels								
SensAIR®	UAB / Lak 17B	SLA02 Wheel 5.00-5" *tire 336x115x5"	1x master cylinder Reservoir Limiter		other colors		-SensAIR®	
Tires	la la	Caliper/disc/pads Axle	Brake lines/fittings		option			
Wheel Axles							S. Duna	
Landing Gears ALG/B'FleX Shock Wheel	UAB / Mini Lak	SLA03 Wheel 3.50-4"	1x master cylinder Reservoir				-SensAIR®	
Hoses/Fittings	1 1 10	*tire 4.00-4" Caliper/disc/pads	Limiter Brake lines/fittings					
Brake Controls Rudd'Air Pedals		Axle					D sens	
Regulators Anti-skid	Ulbi/	SWT01	1x master cylinder	TW-002		ALG landing	-SensAIR®	Other tires
Parking Valves	Wild Thing	Wheels 6.00-6" *tires 15X6.00-6"	Reservoir Parking brake	GLR tailwheel Wheel 3.50-4"		gear	-Co-pilot brakes	available
Spare Parts		Calipers/discs/pads Axles	Limiter Brake lines/fittings	* tire 4.00-4" Tailwheel support				
Tools	100	Wheel caps		Lever to lock/ unlock				
FAQs Certified kits/STCs						-4-	Tan Bans	
Exp. Kits								

* Tires are optional and not part of the standard kits

	" Tires are optional and	not part of the standard	J 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" Calipers/discs/pads Axles Wheel caps	1x master cylinder Reservoir Parking brake Limiter Brake lines/fittings	AV-STAMP-030 Wheel 200-500 *tire 200x50 (tire +tube) Special parts GLR groundloop	standard red or black color	ALG landing gear	-SensAIR® -Co-pilot brake		BERINGER Aero Technology Anotite Patents History/ Values
	STA03 Wheels 7.00-8" *tires 21" or 27.5" Calipers/discs/pads Axles Wheel caps	1x master cylinder Reservoir Parking brake Limiter Brake lines/fittings	resistant TW :	other colors option	4	S. Gun		Wheels/Brakes Nose-Tailwheels SensAIR® Tires
	STA04 Wheels 6.00-6" *tires 22x8.50-6" Calipers/discs/pads Axles Wheel caps	1x master cylinder Reservoir Parking brake Limiter Brake lines/fittings			ALG landing gear (requires modi- fication on the fuselage)			Wheel Axles Landing Gears ALG/B'FleX Shock Wheel Hoses/Fittings Brake Controls
Ultravia / Pelican	SPE01 Wheels 6.00-6" Calipers/discs/pads Axles Wheel caps	2x master cylinders Reservoirs ALIR Regulator Brake lines/fittings				-SensAIR® -Co-pilot brakes -Parking brake	Several types of tires avai- lable	Rudd'Air Pedals Regulators Anti-skid Parking Valves Spare Parts
Urban Air / Samba XXL	SBA01 Wheels 4.00-6" *tires 4.00-6" Calipers/discs/pads Axles Wheel caps	1x master cylinder Reservoir Parking brake Limiter Brake lines/fittings				-SensAIR® -Co-pilot brake		Tools FAQs Certified kits/STCs Exp. Kits They trust us

* Tires are entional and not part of the standard kits

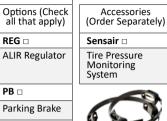
(optional)

Not Applicable

Contacts
Webshop
BERINGER Aero Technology
Amorite Patents
History/ Values
Wheels/Brakes

Contacts

	Tires ure o	ρτιοπαι απα ποι ρι	irt oj trie staridart	IKILS
Catalog strin	g			
Aircraft	Aircraft Model	Landing Gear	Wheel & Brake	Tailwheel/Nose



riistory/ values	
Wheels/Brakes	The state of the s
Nose-Tailwheels	
SensAIR®	N519RV
Tires	
Wheel Axles	

RV10 □

Gear

RV10 Tricvcle

make

Van's



Package

6X6 □

6.00-6" HE

Single Brake

Wheel &

	-,
BL □	
Black	
SP □	
Special Color	

Wheel

Color

 $R \sqcap$

Red

wheel (optional)

NW \sqcap

5.00-5"

Nosewheel



Example: RV106X6NWR4MCPB

REG □

Controls

Pilot+Copilot

4MC □

4 Master

Cylinders



Accessories

Landing Gears ALG/B'FleX Shock Wheel 11..../=111...

Nose-

Brake Controls Rudd'Air Pedal
Regulators Anti-ski
Parking Valves

Parking Valves	
Spare Parts	
Tools	
FAQs	
Certified kits/STCs	
Exp. Kits	

Catalog string						Example: R\	/145X5R4MCREG
Aircraft make	Aircraft Model	Landing Gear (optional)			Options (Check all that apply)		
Van's	RV14 □		5X5 □		R□	4MC □	REG □
	RV14 Taildrag- ger	Not Applicable	5.00-5" HL Wheel & Single Brake	Not Applicable	Red	Pilot+Copilot 4 Master Cylinders	ALIR Regulator
1/200			6X6 □		BL 🗆		РВ □
			6.00-6" HE Wheel & Single Brake		Black		Parking Brake
				•	SP □		DEL 🗆
					Special		Brake Line

Options (Check all that apply)	Accessories (Order Separately)
REG □	Sensair
ALIR Regulator	Tire Pressure Monitoring System
РВ □	1
Parking Brake	
DEL 🗆	
Brake Line Delete	



Accessories

They trust us

Color

* Tires are ontional and not part of the standard kits

Landing Gear

(optional)

Not Appli-

cable

	Thes are optional and not part of the standard kits									
Catalog stri	ng					Example: RV2	L4A5X5NWR4MC			
Aircraft make	Aircraft Model	Landing Gear (optional)	Wheel & Brake Package	Tailwheel/Nose wheel (optional)	Wheel Color	Controls	Options (Check all that apply)			
Van's	RV14A □		5X5 □	NW □	R□	4MC □	REG □			
	RV14 Tricycle Gear	Not Applicable	5.00-5" HL Wheel & Single Brake	5.00-5" Nosewheel	Red	Pilot+Copilot 4 Master Cylinders	ALIR Regulator			





Wheel & Brake

Package

5X5 □

5.00-5" HI

Single Brake

Wheel &





Brake Line Delete

Parking Brake

Contacts

Webshop

Accessories (Order Separately)

Sensair

Tire Pressure Monitoring System

BERINGER Aero Technology

Anoma Patents

History/ Values

Wheels/Brakes Nose-Tailwheels

SensAIR®

Tires

Wheel Axles

Landing Gears ALG/B'FleX Shock Wheel

Example: RVXA5X5NWR2MCPB Tailwheel/Nose Wheel Controls **Options (Check** wheel (optional) all that apply) Color 2MC □ RFG □ $R \sqcap$ Pilot Only **ALIR Regulator** Red 2 Master Cylinders System PB □ BL 🗆 4MC



Accessories Hoses/Fittings (Order Separately)

Brake Controls Sensair Rudd'Air Pedals Tire Pressure Monitoring

Regulators Anti-skid



Parking Valves

Spare Parts

Tools

FAQs

Certified kits/STCs

Exp. Kits

They trust us



NW \sqcap

5.00-5"

Nosewheel

Black SP □

Special Color



Pilot+Copilot

4 Master

Cylinders



Aircraft Model

RV4A/6A/7A/8A/9A

RVX □

RV4/6/7/9

Taildragger

Tricycle Gear

RVXA □

Catalog string

Aircraft

make

Van's

* Tires are optional and not part of the standard kits

Catalog string						Example: F	RV85X5R4MCREG
Aircraft make	Aircraft Model	Landing Gear (optional)	Wheel & Brake Package	Tailwheel/Nose wheel (optional)	Wheel Color	Controls	Options (Check all that apply)
Van's	RV8 □		5X5 □		R□	4MC □	REG □
	RV8 Taildrag- ger	Not Applicable	5.00-5" HL Wheel & Single Brake	Not Applicable	Red	Pilot+Copilot - 4 Master Cylinders	ALIR Regulator
			6X6 □		BL □		РВ □
			6.00-6" HE Wheel & Single Brake		Black		Parking Brake
					SP □		DEL 🗆
					Special Color		Brake Line Delete

Accessories (Order Separately)
Sensair
Tire Pressure Monitoring System









Certified kits/STCs Exp. Kits

Contacts Webshop BERINGER Aero Technology

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

	* Tires are optional and r	ot part of the standard	lkits					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
Velocity			AV-VEL-020 Fork 4.2" 106.68mm	standard red or black		-SensAIR®		BERINGER Aero Technology
			Wheel 4.00-5" * tire 11x4.00-5"	color				Amorite Patents
Mala alta Mi			Axle			Cara AID®		History/ Values
Velocity XL			SVE01A Fork 5.77"			-SensAIR®		Wheels/Brakes
			146.5mm Wheel 5.00-5"	other				Nose-Tailwheels
			* tire 5.00-5" Axle	colors		Sant Brant		SensAIR®
Zenith Aircraft/	SZH05 or SZH08	1x Yankee master	SZH06A		Shock Whool	-SensAIR®		Tires
CH601	Wheels 4.00-6" *tires 15x6.00-6"	cylinder (reservoir	Wheel 6.00-6" *tire 4.00-6"		-Shock Wheel - SPEED'AIR	-Pedal brakes (to be checked		Wheel Axles
No.	Calipers/discs/pads Axles/parts Wheel caps	/parking brake) Limiter Brake lines/fittings	Axle		fairings	depending on the airplane type)		Landing Gears ALG/B'FleX Shock Wheel
	Wheel caps	\	GLR grounloop			ίγρε		Hoses/Fittings
			resistant TW					Brake Controls Rudd'Air Pedals
		•				B sens		Regulators Anti-skid
Zenith Aircraft/ 601UL	Please contact us an several possibilities		AV-ZENI-630 Taildragger					
601XL	type of gear, the for		GLR grounloop resistant TW					Parking Valves
			resistant i vv					Spare Parts
Zenith Aircraft/	SZH06	1x Yankee master	AV-ZENI-130					Tools
CH650B-EI	Wheels 4.00-6" *tires 15x6.00-6"	cylinder (reservoir /parking brake)	Fork 5.12" 130mm Wheel 4.00-6"					FAQs
	Calipers/discs/pads	Limiter	*tire 15X6.00-6"					Certified kits/STCs
	Axles/parts Wheel caps	Brake lines/fittings	Axle					Exp. Kits
	, ,	I.	I	1	1	1		They trust us

* Tires are optional and not part of the standard kits

	Catalog string					I	Example: CH7016	(6DNW2R4MCPB
1	Aircraft Make	Aircraft Model	Landing Gear (optional)	Wheel & Brake Package	Tailwheel/Nose wheel (optional)	Wheel Color	Controls	Options (Check all that apply)
	Zenith	CH701 □	SW □	4X6 □	NW1 □	R□	2MC □	REG □
		STOL CH701	Shockwheel Landing Gear System	4.00-6" SL Wheel & Single Brake	4.00-6" Nosewheel	Red	Pilot Only 2 Master Cylinders	ALIR Regulator
			BF □	6X6S □	NW2 □	BL □	4MC □	РВ □
			B'Flex Landing Gear System	6.00-6" SL Wheel & Single Brake	6.00-6" Nosewheel	Black	Pilot+Copilot 4 Master Cylinders	Parking Brake
			à à	6X6D □		SP □		







6X6D

6.00-6" SL
Wheel & Dual
Brake

7X8D

7.00-8" SL

7.00-8" SL Wheel & Dual Brake



Special Color



Regulators Anti-skid Parking Valves

Contacts

BERINGER Aero Technology

Amorite* Patents

History/ Values

Wheels/Brakes

Nose-Tailwheels

SensAIR®

Wheel Axles

Landing Gears ALG/B'FleX

Hoses/Fittings

Brake Controls
Rudd'Air Pedals

Shock Wheel

Tires

Spare Parts

Tools

FAQs

Certified kits/STCs

Exp. Kits

* 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	Brake controls (included)	Nose/Tailwheel P/N (optional)	Wheel colour	Landing Gear (optional)	Accessories (order separately)	Notes	Contacts Webshop
Zivko / Edge 540	SED01 Wheel 5.00-5" *tire 5.00-5"	2x master cylinders Reservoirs Brake lines/fittings		standard red or black		-SensAIR®		BERINGER Aero Technology
	Caliper/disc/pads Axle	brake inics/fittings		color				Amorre Patents
and the second	Axie					D mus		History/ Values
Zlin Aircraft /	SZL01	2x master cylinders	Tailwheel : ask us	(i)		-SensAIR®	Non certified	Wheels/Brakes
Zlin Z50LX	Wheel 5.00-5" *tire 380*150x5"	Reservoirs Brake lines/fittings		other		-Co-pilot brakes -Parking brake	kit	Nose-Tailwheels
	Caliper/disc/pads Axle	brake intesymetings		colors		-ALIR regulator		SensAIR®
	Axie					/ 💚 🧼		Tires
								Wheel Axles
Zlin Aviation / Savage-Norden original Axle	SSA01 for tires ≤29" Wheels 6.00-6" Calipers/discs/pads	2x master cylinders Reservoirs ALIR regulator	TW-002 GLR tailwheel Wheel 3.50-4"		ALG landing gear	-SensAIR® -Co-pilot brakes -Parking brake	The diameter of the OEM axle must be	Landing Gears ALG/B'FleX Shock Wheel
Ø 0.98" 25mm	Axles - Wheel caps	Brake lines/fittings	*tire 4.00-4" Tailwheel support			- Special axle for DATUM skis	check	Hoses/Fittings
	SSA02 for tires >29" Wheels 6.00-6"	2x master cylinders Reservoirs	Lever to lock/ unlock			TOT DATOIVI SKIS		Brake Controls Rudd'Air Pedals
	DUAL brakes Calipers/discs/pads Axles - Wheel caps	ALIR regulator Brake lines/fittings	A CONTRACTOR OF THE PARTY OF TH		100			Regulators Anti-skid
	SSA10 8"	2x master cylinders						Parking Valves
	Wheels 7.00-8" Calipers/discs/pads	Reservoirs ALIR regulator				23 Breug		Spare Parts
	Axles - Wheel caps	Brake lines/fittings						Tools
	SSA07 8" DUAL Wheels 7.00-8"	2x master cylinders Reservoirs						FAQs
00	DUAL brakes Calipers/discs/pads	ALIR regulator Brake lines/fittings						Certified kits/STCs
	Axles - Wheel caps	Diane inies/fittings						Exp. Kits
								They trust us

Contacts		^ Tires are optional and not part of the standard kits									
Webshop	Catalog string					Е	xample: SVG	0110TWR2MCPB			
BERINGER Aero Technology	Aircraft make	Aircraft Model	Landing Gear (optional)	Wheel & Brake Package	Tailwheel/Nose wheel (optional)	Wheel Color	Controls	Options (Check all that apply)			
d a met Data at a	Zlin Aviation	SVG01 □	ALG □	6X6S □	TW 🗆	R□	2MC □	REG □			
Amorite Patents	Zlin Savage		Alaska Landing	6.00-6" SL Wheel & Single Brake	3.50-4" Ground Loop Resistant Tailwheel	Red	Pilot Only	ALIR Regulator			
History/ Values		OE Axle Diameter 25mm	Gear - Cub				2 Master Cylinders				
Wheels/Brakes		SVG02 □	ALGB 🗆	6X6D □	100	BL □		РВ □			
Nose-Tailwheels		Zlin Savage OE Axle Diameter	Alaska Landing Gear - Bobber	6.00-6" SL Wheel &		Black		Parking Brake			
SensAIR®		19.5mm		Dual Brake							
Tires				7X8D □		SP □	,				

7.00-8" SL Wheel &

Dual Brake

8.50-10" LE Wheel &

10 🗆

Accessories (Order Separately) Sensair Tire Pressure Monitoring System







Spe-cial

Color



Certified kits/STCs Exp. Kits

Wheel Axles

Landing Gears ALG/B'FleX

Hoses/Fittings

Brake Controls Rudd'Air Pedals

Parking Valves Spare Parts Tools **FAQs**

Regulators Anti-skid

Shock Wheel

They trust us ...















JMB aircraft



Contacts

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Technology

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Wheels/Brakes

Nose-Tailwheels

SensAIR®

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Hoses/Fittings

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BRISTELL















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JONKER SAILPLANES





ALPI[®]AVIATION

BETA

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