



English V3/2022



Wheels
Brakes
Landing Gear

2022

Mike Patey, Scrappy

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



Mike Goulian, USA Edge 540 /Extra 330SC

Air Show / Red Bull Air Race Pilot
"I switched to BERINGER brakes on my Red Bull Air Race Edge 540 and absolutely love them. The BERINGER system is much lighter than the legacy system

on my plane but the stopping power makes all the difference in the world. I simply had to have the BERINGER brakes on my Extra 330 as well."



Aude LEMORDANT, MXS Aerobatic Pilot

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



Kevin Quinn, Carbon Cub STOL Drag Llc

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



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BERINGER Technology

They trust us ...

Quality - Innovation - Customer Service - Ethics

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

2002 BERINGER Wheels & Brakes was born, when Gilbert Béringier, 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 will celebrate its 10 year anniversary in 2022.

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.

Sustainable Development - BERINGER AERO's Commitments

Respect for the environment

Toxic substances and non recyclable materials are avoided from the fabrication process. Workshop trash is sorted prior to disposal. An environmental awareness campaign is in force and consistently reviewed.

Reduction of Energy Consumption

Our specially-designed bioclimatic building (BBC) made of local wood only consumes only 10% of the energy required to heat or cool a conventional steel building. 98% of the energy used to heat our water is solar-powered
BERINGER employs vehicles using propane (LPG): they have reduced CO2 emissions and have no particulate emissions.

Eco-conception for products

Innovative BERINGER products are covered by 11 patents. They are designed to have a virtually unlimited service life, because pieces that are worn down can be replaced. Components are 99% recyclable and 98% of the products are made in France, within a radius of 200 miles. This process reduces transportation and energizes local industrial bases.

Respect for Human Dignity in the Workplace

From one end of the assembly line to another, from in-house to subcontractors, BERINGER staff members work in optimal conditions following the regulations of OIT (International Work Organization).
BERINGER does not award contracts based on "lowest-cost," and does not use outsourcing.

Respect for the Ethics of Economics

BERINGER partners (suppliers, subcontractors, banks, clients) are chosen based on ethical criteria, not only the lowest price
BERINGER commits to projects based on their moral philosophy : BERINGER wheels are not involved in projects that could intentionally threaten human life and BERINGER has partnerships in eco-friendly projects (e.g., Green challenge, SolarImpulse).

Zero Compromise on Quality

At BERINGER, quality is not only respect for procedures that the EASA certifies, such as the Design Approval Organization and the Production Approval Organization (Part 21G). Quality is a pledge of trust to our clients: our clients entrust us with their lives. To remain worthy of this trust, we offer a lifetime warranty (liability insurance) on materials and craftsmanship on all our products.

BERINGER integrates its partners in the projects, from the design stage to commercialization

AeroProviders, PEGASE/SAFE Cluster, IHautes Alpes Development Agency.

In 2010 the MADE IN RESPECT label has been recognizing BERINGER AERO's commitment to sustainable development.
On February 4th, 2012 BERINGER AERO won the Trophée RSE PACA TPE (Social Responsibility of the Companies).
In July 2015, the specific Know-how of BERINGER AERO has been recognized through the Label "Entreprise du Patrimoine Vivant" EPV.



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Limiters Anti-skid

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Brake lines Fittings

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BERINGER Technology

They trust us ...



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BERINGER AERO USA Team



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Tire Pressure and Temperature Monitoring System

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

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

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

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

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



PATENTED



NEW : Sens'AIR is included in BERINGER wheel/ brake STC for :



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

(FAA & EASA approved)

SensAIR features :

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

How to order SensAIR ?

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

Already assembled and identified by internal batches (FLI)

What comes with SensAIR :

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



[SensAIR by BERINGER](#)



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SensAIR is a registered trademark of BERINGER

Complete wheel/brake kits (Tires are indicated in the kits but they are not included in the price of the kit)



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 indicated in the kits but they are not included in the price of the kit (invoiced separately). Please consult us for specific use or other dimensions.

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

Finish : Red anodizing is standard color for wheels, brakes and master cylinders. Calipers are ALWAYS red. Other colors can be available for certain wheels on special order with an extra delay at an additional cost. **WARNING:** Colors may vary.

C^{STC} C^{STC}
TSO
↑ Indication ↑
of certification



Complete wheel/brake kits (Tires are indicated in the kits but they are not included in the price of the kit)

A22 / A32 (Aeroprakt)	Wheels / Brakes	Nose wheel Option	Landing gear option
 	SA201 2x wheels 6.00-6" RF-009 2x brakes EA-006 2x tires 15x6.00-6" 2x special axles AV-APRK-003 1x brake master cylinder MP-001 1x parking brake FPK 1x pressure limITER LM-002 Hydraulic (brake lines/fittings)	SA201A 1x wheel 4.00-6" RA-009 1x tire 15X6.00-6" 1x axle AV-APRK-002+AV-APRK-001	Shock wheel AV-APRK-220 SPEED'AIR fairings 
	SA201 Bush tires	SA201 with tires 6.00-6"	SA201A Idem

Other options : Wheel cap 6" BCH-002

Note : wheel/brake kit for new A22 only. Kit for the first type in progress.

AC11 (Chatelain)	Wheels / Brakes	Nose wheel Option
	SAC02 2x wheels 5.00-5" RF-018 - 2x brakes EA-002 2x tires 5.00-5" 2x axles FUS-009+ AV-AC11-001 1x brake master cylinder MP-004.3 1X reservoir RV-004.1 - 1x pressure limiter LM-002 Hydraulic (brake lines/fittings)	AV-AC11-030 1x wheel 4.00-5" RA-015 1x tire 11x4.00-5" 1x axle AV-VANS-001/004/AV-AC11-002

Other options : Wheel cap 6" BCH-002 - Parking Brake Valve FP-001

Airbike (TEAM Aircraft)	Wheels / Brakes
	SAB01 2x wheels 4.00-6" RF-004 - 2x brakes EA-006.1 5" wheels 2x tires : contact us 2x axles AV-AIRB-001 1x brake master cylinder MM-001/ reservoir/ PKG FP-004 1x pressure limiter LM-002 - Hydraulic (brake lines/fittings)
	SAB02 2x wheels 5.00-5" RF-019 - 2x brakes EA-006.1 6" wheels 2x tires 5.00-5" 2x axles AV-AIRB-001 1x brake master cylinder MM-001/ reservoir/ PKG FP-004 1x pressure limiter LM-002 - Hydraulic (brake lines/fittings)

Other options : Wheel cap 5"/6" BCH-002

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Complete wheel/brake kits (Tires are indicated in the kits but they are not included in the price of the kit)

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Allegro (Fantasy Air)



	Wheels / Brakes	Nose wheel Option	Landing gear Option
SAL01	2x wheels 4.00-6" RF-004 - 2x brakes EA-006.4 2x tires 4.00-6" - 2x axles FUS-001.4 1x brake master cylinder MM-001 with reservoir / PKG FP-004 1x limiter LM-002 - Hydraulic (brake lines/fittings)	Ask us	Shock Wheel : ask us

Other options : Wheel cap 6" BCH-003 - Co-pilot brakes - 6.00-6" wheels : ask us

Alpha Trainer / Velis Electro (Pipistrel)



	Wheels / Brakes	Nose wheel Option	Landing gear Option
SPP02	2x wheels 4.00-6" RF-004 2x brakes EA-006 2x tires 4.00-6" 2x axles AV-PIP-102 1x brake master cylinder MP-002.8 1x kit lever MP-004.6 1x reservoir RV-004.1 1x limiter LM-002 Hydraulic (brake lines/fittings)	SPP01A 1x wheel 3.50-4" RA-003 1x tire 4.00-4" 1x axle AXP-003.1	Shock Wheel 2x AV-PIP-320 SPEED'AIR fairings

Other options : Wheel cap 6" BCH-003 - 1x Parking brake valve SPP01P



Alto 912 (Direct Fly)



	Wheels / Brakes	Nose wheel Option	Landing gear Option
SAL02	2x wheels 4.00-6" RF-004 2x brakes EA-006.4 2x tires 4.00-6" 2x axles FUS-001.4 1x brake m. cylinder/lever MP-002.8/ MP-004.3 / PKG FP-004/ Reservoir 1x regulator RE-001 Hydraulic (brake lines/fittings)	Fork internal width : 5.12" (130mm): 1x wheel 4.00-6" RA-009 1x tire 4.00-6" 1x axle AV-ALTO-001/002 Fork internal width : 5.27" (134mm): 1x wheel 4.00-6" RA-009 1x tire 4.00-6" 1x axle AXP-004.2 + BGE-054.2	Shock Wheel : ask us

Other options : Wheel cap 6" BCH-003 - Brakes on stick / limiter LM-002 - Co-pilot brakes 5.00-5" wheels

Complete wheel/brake kits (Tires are indicated in the kits but they are not included in the price of the kit)

Apollo Fox (Fox Aircraft)	Wheels / Brakes	Nose Wheel / Tailwheel Option	Landing gear Option	History Values
	SAP01 2x wheels 4.00-6" RF-004 2x brakes EA-006 2x tires 6.00-6" 2x axles AV-APOL-001	Nose wheel : AV-APOL-030 1x wheel 4.00-6" RA-009 1x tire 4.00-6" 1x axle AV-POL-002/003 Tailwheel : ask us	Shock wheel : ask us SPEED'AIR fairings 	Contacts
Note : Brake controls - hydraulic - parking brake valve : ask us				SensAIR
				Complete Kits
				Landing Gear
Argon (Argo Aero)	Wheels / Brakes	Nose wheel Option	Landing gear Option	Wheels Brakes
	SAG03 2x wheels 4.00-6" RF-004 - 2x brakes EA-006.1 2x tires 4.00-6" or 15x6.00-6" 2x axles AV-ARG-001 1x brake m. cylinder MM-001 /reservoir/PKG FP-004 1x limiter LM-002 Hydraulic (brake lines/fittings)	Ask us	Shock Wheel & SPEED'AIR fairings : Please contact us	Nose wheel Tailwheel
Other options : Co-pilot brake kit COP04				Tires
				Axles
				Master Cylinders
Asso	Nose Wheel			Limiters Anti-skid
Asso V 	AV-ALPI-230 (Fork internal width 4.65" (118mm) 1x wheel 3.50-4" RA-003 1x tire 4.00-4" 1x axle AXP-003.6			Parking Brake Valve
Asso X 	AV-ALPI-330 (Fork internal width 4.41" (112mm) 1x wheel 3.50-4" RA-003 Tires : several mountings : ask us 1x axle AXP-003.8 + BGE-007.8			Brake lines Fittings
				Spare Parts
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				They trust us ...

Complete wheel/brake kits (Tires are indicated in the kits but they are not included in the price of the kit)

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ASW17 / ASW22 (Schleicher)

Wheel/Brake



Wheel kit
+ spacer not delivered

1x Wheel 5.00-5" RF-019
1x Brake EA-006
Tire 5.00-5" 8ply
1x Wheel axle
1x Brake master cylinder MM-001 + reservoir
1x Pressure limiter LM-003E
Hydraulic (brake lines/fittings)



Note : spacer to be made

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ASW20 (Schleicher)

Wheel/Brake



STC-005
C_{STC}

1x Wheel 5.00-5" RF-019
1x Brake EA-006
1x Tire 5.00-5" 8ply
1x Wheel axle
1x Brake master cylinder MM-001 + reservoir
1x Pressure limiter LM-003E
Hydraulic (brake lines/fittings)



(ATEC) Faeta

Wheels / Brakes

Nose wheel Option

Landing gear Option



SAF01 2x wheels 4.00-6" RF-004
2x brakes EA-006.1
2x tires 4.00-6"
2x axles FUS-001.1+ AV-ATEC-001/002
1x brake master cylinder MM-001 (reservoir/ PKG)
1x pressure limiter LM-002E
Hydraulic (brake lines/fittings)

SAZ01A
1x wheel 3.50-4" RA-003
1x tire 4.00-4"
1x axle AXP-003.1+AV-ATEC-004

Shock Wheel
2x AV-ATEC-320
SPEED'AIR fairings



Other options : Wheel cap 6" BCH-003 - Co-pilot hand brake

Complete wheel/brake kits (Tires are indicated in the kits but they are not included in the price of the kit)

(ATEC) Zephyr	Wheels / Brakes		Nose wheel Option	Landing gear Option	History Values
	<p>SAZ01 2x wheels 4.00-6" RF-004 2x brakes EA-006 2x tires 4.00-6" 2x axles FUS-001.1 +AV-ATEC-003 1x brake master cylinder MM-001 with reservoir / PKG FP-004 1x pressure limiter LM-002 Hydraulic (brake lines/fittings)</p>	<p>SAZ01A 1x wheel 4" RA-003 1x tire 4.00-4" 1x axle AXP-003.1</p>	<p>Shock Wheel 2x AV-ATEC-220 SPEED'AIR fairings</p>	Contacts	
	<p>Other options : Wheel cap 6" BCH-003 Co-pilot hand brake</p>			SensAIR	
Avid Flyer	Wheels / Brakes		Tailwheel Option		Complete Kits
	<p>SAF02 2x wheels 6.00-6" RF-009 - 2x brakes EA-006 2x tires 15x6.00-6" - 2x special axles 2x brake master cylinder MP-002.4 2x reservoirs HFA01E 1x anti-lock regulator RE-001 Hydraulic (brake lines/fittings)</p>	<p>TW-001 - GLR anti-groundloop tailwheel 1x wheel 3.50-4" RA-003 1x tire 2.80/2.50-4" 1x tailwheel support 1x lever/cable to actuate the tailwheel</p>		Landing Gear	
	<p>SAF02 SAF02 with 6.00-6" tires bush tires</p>			Wheels Brakes	
<p>Other options : Wheel cap 6" BCH-003 Co-pilot brakes GLR tailwheel bush tire 4.00-4" TW-002</p>			Nose wheel Tailwheel	Tires	Axles
BD4 (Bede)	Wheels / Brakes		Nose wheel Option		Master Cylinders
	<p>SBD02 2x wheels 6.00-6" RF-006 - 2x brakes EA-003.3 2x tires 6.00-6" 2x axles FUS-007.22 1x brake controls and pressure regulators : contact us</p>		<p>AV-BEDE-030 1x wheel 3.50-4" RA-003 1x axle AV-BEDE-001/002/003</p>		Limiters Anti-skid
	<p>SA201 Bush SA201 with tires 6.00-6"</p>	<p>Idem</p>		Parking Brake Valve	Brake lines Fittings
		<p>Other options : Wheel cap 6" BCH-004</p>			Spare Parts
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Complete wheel/brake kits (Tires are indicated in the kits but they are not included in the price of the kit)

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Bearhawk (Bearhawk Aircraft)

Bearhawk 2 / axle 1.5"



SBH01 2x Wheels 6.00-6" RF-016
2x brakes EA-003.2
2x tires 6.00-6"
2x axles AV-VANS-011
Brake master cylinders/antilock regulator/Hoses/fittings: Please ask us

Other options : wheel cap 6" BCH-004

Blackshape Prime



SBL01 2x wheels 4.00-6" RF-004
2x brakes EA-006
2x tires 4.00-6"
2x axles BLAS-001
Hydraulic (brake lines/fittings)

Other options : Wheel cap 6" BCH-003 - Parking brake valve kit PKG01

Breezer B400 / B600



SBR01 2x wheels 5.00-5" RF-019
2x brakes EA-006 - 2x tires 5.00-5"
2x axles FUS-001.5
2X brake master cylinder MP-002.5
2x reservoirs - 1x Anti-lock regulator RE-001
Hydraulic (brake lines/fittings)

Other options : Wheel cap 5" BCH-002 - Co-pilot hand brake - Parking brake valve kit PKG01

Nose wheel Option

SBR01A
1x wheel 4" RA-003
1x tire 4.00-4"
1x axle AV-BREE-001

Landing Gear Option

Shock Wheel
SPEED'AIR fairings
Ask us



Complete wheel/brake kits (Tires are indicated in the kits but they are not included in the price of the kit)

XL8 Bristell (BRM Aero)	Wheels / Brakes	Nose wheel/taiwheel Option	Landing gear Option	History Values
	SBM04 2x wheels 4.00-6" RF-004 - 2x brakes EA-006 2x tires 4.00-6" - 2x axles FUS-001.2	SBM08 1x wheel 3.50-4" RA-003 1x tire 4.00-4" 1x axle AXP-003.1	Shock Wheel 2x AV-BRM-320 SPEED'AIR fairings	Contacts
	SBM06 1x brake master cylinder MM-001 / reservoir / PKG 1x pressure limiter LM-002 Hydraulic (brake lines/fittings)			SensAIR
	SBM03 2x wheels 5.00-5" RF-019 - 2x brakes EA-006 2x tires 5.00-5" - 2x axles FUS-001.2	SBM07 1x wheel 5" RA-014 1x tire 5.00-5" 1x axle AV-HPH-003	Shock Wheel 2x AV-BRM-320 SPEED'AIR fairings	Complete Kits
	SBM09 2x brake master cylinders MP-002.3E/res. HFA01 1x Anti-lock regulator RE-001 Hydraulic (brake lines/fittings)			Landing Gear
	SBM13 2x wheels 6.00-6" RF-009 - 2x brakes EA-006.22 2x tires 22" - 2x axles FUS-010.22	SBM12 1x wheel 6" RA-009 1x tire 4.00-6" axle not included, please contact BRM Aero	 Shock Wheel 2x AV-BRM-320 SPEED'AIR fairings	Wheels Brakes
	SBM09 2x brake master cylinders MP-002.3E/res. HFA01 1x Anti-lock regulator RE-001 Hydraulic (brake lines/fittings)			
	SBM11 Taildragger 2x wheels 6.00-6" RF-009 - 2x brakes EA-006 2x tires 22" - 2x axles FUS-010.1	TW-001/002 - GLR anti-groundloop tailwheel	Landing Gear ALG 2x AV-SAF-020	Tires
	SBM09 2x brake master cylinders MP-002.3E/res. HFA01 1x Anti-lock regulator RE-001 Hydraulic (brake lines/fittings)			Axles
Other options : Wheel cap 6" : BCH-003 - Wheel cap 5" : BCH-002 - Co-pilot hand brake or Rudder pedal co-pilot brakes				Master Cylinders
Notes : Brake master cylinders fit any Wheel/Brake kit. It is possible to mount pedal brake master cylinders with the 6" wheel kit and a hand master cylinder with the 5" wheel kit.				Limiters Anti-skid
				Parking Brake Valve
				Brake lines Fittings
				Spare Parts
				Tools
				BERINGER Technology
				They trust us ...

Complete wheel/brake kits (Tires are indicated in the kits but they are not included in the price of the kit)

History Values

Contacts

SensAIR

Complete Kits

Landing Gear

Wheels Brakes

Nose wheel Tailwheel

Tires

Axles

Master Cylinders

Limiters Anti-skid

Parking Brake Valve

Brake lines Fittings

Spare Parts

Tools

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Bücker (AirRes)

Jungmeister



SBJ02 2x wheels 6.00-6" RF-016
2x brakes EA-003.2
2x axles AV-VANS-011/012/014/016L+R
2x brake master cylinders MP-002.5
2x reservoirs RV-001
1x anti-lock regulator RE-001
Hydraulic (brake lines/fittings)

Other options : Wheel cap 6" BCH-004 - Parking brake valve kit
Note : the axle must be machined from $\varnothing 38.3$ to 38.1mm.

Jungmann



SBJ01 2x wheels 6.00-6" RF-006
2x brakes EA-003
2x tires 6.00-6"
2x axles FUS-007.1
2x brake master cylinders MP-002.5 / reservoirs RV-001
1x Anti-lock regulator RE-001
Hydraulic (brake lines/fittings)

Other options : Wheel cap 6" BCH-004 - Co-pilot brake kit - Parking brake valve kit
Note : To install the wheel/brake kit, some special parts must be ordered direct to AirRes. The axle must be machined from $\varnothing 38.3$ to 38.1mm.



Busard MP207 (Max Plan)



SBU01 2x Wheels 5.00-5" RF-019
2x brakes EA-006.1
2x tires 336x115-5"
2x axles AV-BUSA-001
2X brake master cylinders MP-002.7
2x reservoirs RV-002
1x antilock regulator RE-001
Hydraulic (brake lines/fittings)

Wheels / Brakes

Nose wheel Option

Landing Gear Option

SAZ01A
1x wheel 3.50-4" RA-003
1x tire 4.00-4"
1x axle AXP-003.1
+AV-ATEC-004

Shock Wheel
2x AV-ATEC-320
SPEED'AIR fairings

Other options : Parking brake valve FP-001 or FP-005.1



Complete wheel/brake kits (Tires are indicated in the kits but they are not included in the price of the kit)

Calidus (AutoGyro)	Wheels / Brakes	Nose wheel Option	Landing gear Option
	SAG01 2x wheels 4.00-6" RF-004 2x brakes EA-006 - 2x tires 4.00-6" 2x axles FUS-001.1 1x brake m. cylinder MP-002.5/ bracket AV-AUTO-008 1x reservoir HFA01 - 1x limiter LM-002 Hydraulic (brake lines/fittings)	SAG01A 1x wheel 3.50-4" RA-003 1x tire 4.00-4" 1x axle AV-AUTO-001/002/003	Shock Wheel 2x AV-AUTO-320 SPEED'AIR fairings 
Cavalon 	SCA01 2 x wheels 4.00-6" RF-004 - 2x brakes EA-006 2x tires 4.00-6" - 2x axles FUS-001.5 Brake controls and hydraulic : please ask us Note : The landing gear has to be drilled Other options : Wheel cap 6" BCH-003	Shock Wheel 2x AV-GYRO-020 SPEED'AIR fairings	
Cheetah XLS (SkyReach)	Wheels / Brakes	Nose wheel Option	
	SCX01 2x wheels 4.00-6" RF-004 - 2x brakes EA-006 2x tires 4.00-6" 2x Axle / adaptation parts 1X brake master cylinder MM-001 reservoir/PKG 1x limiter LM-002 - Hydraulic (brake lines/fittings)	Ask us	
	Other options : Wheel cap 6" BCH-003 - Co-pilot hand brake : kit COP04		
C42 (Comco Ikarus)	Wheels / Brakes	Nose wheel Option	
	SCC01 2x wheels 4.00-6" RF-004 2x brakes EA-006 2x tires 4.00-6" 2x axles AV-COMC-002/003 1X brake master cylinder MM-001 reservoirs/PKG 1x limiter LM-002 Hydraulic (brake lines/fittings)	SCC01A 1x wheel 4" RA-003 1x tire 4.00-4" 1x axle AXP-003.1 or AV-COMC-030 1x wheel 6" RA-009 1x tire 4.00-6" 1x axle av-COMC-004/006 	

Other options : Wheel cap 6" : BCH-003
Note : first types : different axles, please contact us

History Values
Contacts
SensAIR
Complete Kits
Landing Gear
Wheels Brakes
Nose wheel Tailwheel
Tires
Axles
Master Cylinders
Limiters Anti-skid
Parking Brake Valve
Brake lines Fittings
Spare Parts
Tools
BERINGER Technology
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Complete wheel/brake kits (Tires are indicated in the kits but they are not included in the price of the kit)

History Values	Carbon Cub (CubCrafters)	Wheels / Brakes	Tailwheel Option	Landing gear Option
Contacts		CCF05 2x wheels 6.00-6" RF-015.1 2x brakes EA-003.8 2x brake master cylinders + reservoirs AV-CUBC-041 2x adapters for 1.25" axle Brake lines and fittings	AV-CUBC-120(A) - GLR anti-groundloop tailwheel 1x wheel 3.50-4" RA-003.1 1x tire 4.00-4" 1x tailwheel support 1x lever/cable (not included) or SST10 (Matco mounting) or SST11 (Scott mounting)	Original LG
SensAIR		CCF07 2x wheels 10" RF-024 2x brakes EA-010.1 2x brake master cylinders + reservoirs AV-CUBC-041 2x adapters for 1.25" axle Brake lines and fittings	Idem	Original LG
Complete Kits		CarbonCUB-018.3 W/B kit for ALG 2x wheels 6.00-6" RF-015.2 2x brakes EA-003.2 2x kit axle LG-K-001 2x brake master cylinders +reservoirs AV-CUBC-041 Hydraulic (brake lines/fittings) BL-CCB-001 Additional fitting kit HYD	Idem	ALG landing gear AV-CUB-020
Landing Gear		CarbonCUB-018.2 W/B kit for ALG 2x wheels 10" RF-024 2x brakes EA-010.1N 2x kit axle LG-K-003 2x brake master cylinders + reservoirs AV-CUBC-041 Hydraulic (brake lines/fittings) BL-CCB-001 Additional fitting kit HYD	Idem	ALG landing gear AV-CUB-020
Wheels Brakes	Other options : Regulator RE-001 - Parking brake valve kit PKG01 - DUAL brakes			
Nose wheel Tailwheel				
Tires				
Axles				
Master Cylinders				
Limiters Anti-skid				
Parking Brake Valve				
Brake lines Fittings				
Spare Parts				
Tools				
BERINGER Technology				
They trust us ...				

Complete wheel/brake kits (Tires are indicated in the kits but they are not included in the price of the kit)

Cessna 180/182	Wheels / Brakes	Nose wheel Option	Sens'AIR Option
Cessna 180/182 with fairings	STC-022.1 Wheels/brakes C _{STC} 2x Wheels 6.00-6" RF-006 2x brakes EA-003.3 2x axles FUS-007.4 2x brake master cylinders MP-003.12 3x reservoirs RV-XXX Hydraulic (brake lines/fittings)	STC-022.3 1x nose wheel 5" RA-014 1x axle AXP-005.2 C _{STC}	TP-006 2x Sens'AIR - 6" wheel TP-005 1x Sens'AIR - 5" wheel C _{STC}
Cessna 180/182 without fairings	STC-022.2 Wheels/brakes C _{STC} 2x Wheels 6.00-6" RF-006 2x brakes EA-003.3 2x axles FUS-007.4 2x brake master cylinders MP-003.12 3x reservoirs RV-XXX Hydraulic (brake lines/fittings)	STC-022.4 1x nose wheel 5" RA-014 1x axle AXP-005.2 C _{STC}	TP-006 2x Sens'AIR - 6" wheel TP-005 1x Sens'AIR - 5" wheel C _{STC}
Cessna 182 tube LG	STC-022.5 Brake line set C _{STC} 2x brake lines AV-CESS-410.1 1x bracket ZGA01		
Cessna 182 spring LG	STC-022.6 Brake line set C _{STC} 2x brake lines AV-CESS-410.2 1x bracket ZGA01		



History Values
Contacts
SensAIR
Complete Kits
Landing Gear
Wheels Brakes
Nose wheel Tailwheel
Tires
Axles
Master Cylinders
Limiters Anti-skid
Parking Brake Valve
Brake lines Fittings
Spare Parts
Tools
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Complete wheel/brake kits (Tires are indicated in the kits but they are not included in the price of the kit)

History Values	Cirrus SR20/22/22T	Wheels / Brakes	Nose wheel included	Sens'AIR option
Contacts		<p>STC-010 Single brake</p> <p>C_{STC}</p> <p>2x wheels 6.00-6" RF-006 2x brakes EA-003.3 2x tires 15x6.00-6" 2x axles AV-CIRR-002 4x brake master cylinders MP-003N Hydraulic (brake lines/fittings)</p>	<p>1x nose wheel 5" RA-014 1x tire 5.00-5" 1x axle AV-CIRR-003</p>	<p>TP-006 2x Sens'AIR - 6" wheel TP-005 1x Sens'AIR - 5" wheel</p> <p>C_{STC}</p>
SensAIR			<p>STC-004 Dual brake</p> <p>C_{STC}</p> <p>2x wheels 6.00-6" RF-006 2x brakes EA-003.4 2x tires 15x6.00-6" 2x axles AV-CIRR-002 4x brake master cylinders MP-001.2 1x anti-lock regulator RE-001N Hydraulic (brake lines/fittings)</p>	<p>1x nose wheel 5" RA-014 1x tire 5.00-5" 1x axle AV-CIRR-003</p>
Complete Kits			<p>Note : STC-010 to be ordered from Cirrus Direct</p>	
Landing Gear				
Wheels Brakes				
Nose wheel Tailwheel				
Tires				
Axles				
Master Cylinders				
Limiters Anti-skid				
Parking Brake Valve				
Brake lines Fittings				
Spare Parts				
Tools				
BERINGER Technology				
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Complete wheel/brake kits (Tires are indicated in the kits but they are not included in the price of the kit)

Cherry BX2 (Brandli)	Nose Wheel
	<p>AV-CHER-031 1x wheel 3.50-4" RA-003 1x tire 4.00-4" 1x axle AV-CHER-001/002</p>

Citius/Landafrika/Okavango (BRM)	Wheels / Brakes	Nose wheel / Tailwheel Option	Landing gear Option
	<p>SSV01 2x wheels 6.00-6" RF-009 tires ≤ 26" 2x brakes EA-006 Rudder pedal 2x tires 15x6.00-6" brakes 2x axle/special parts 2x brake m.cylinders MP-002.3 2x reservoirs HFA01E 1x anti-lock regulator RE-001 Hydraulic (brake lines/fittings)</p>	<p>SSV01A (Nose wheel kit - large fork) or SSV02A (narrow fork) 1x wheel 4.00-6" RA-009 1x tire 15x6.00-6" (large fork) or 4.00-6" (narrow fork) 1x axle special parts or TW-002 (GLR anti-groundloop tailwheel) 1x wheel 3.50-4" RA-003 1x tire 4.00-4" 1x tailwheel support 1x lever to lock/unlock</p>	<p>2x AV-SVNA-320 Shock Wheel kit (nose wheel) SPEED'AIR fair- rings AV-SVNA-120 ALG kit + AV- SNVA-130 fuse- lage kit (tailldragger)</p>
	<p>SSV02 Idem SSV01 except : tires > 26" 1x brake m. cylinder MM-001 Hand brake (reservoir + pkg brake FP-004) 1x pressure limiter LM-002</p>	<p>SSV01A (Nose wheel kit - large fork)</p>	<p>2x AV-SVNA-320 Shock Wheel kit SPEED'AIR fair- rings</p>



Other options : Wheel cap 6" BCH-002 - Parking brake valve kit PKG01E - Rudder pedal co-pilot brakes

Note : the ALG can be mounted only on tailldragger. Nose wheel Aircraft use Shock Wheels.

History Values

Contacts

SensAIR

Complete Kits

Landing Gear

Wheels Brakes

Nose wheel Tailwheel

Tires

Axles

Master Cylinders

Limiters Anti-skid

Parking Brake Valve

Brake lines Fittings

Spare Parts

Tools

BERINGER Technology

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Complete wheel/brake kits (Tires are indicated in the kits but they are not included in the price of the kit)

History Values

Contacts

SensAIR

Complete Kits

Landing Gear

Wheels Brakes

Nose wheel Tailwheel

Tires

Axles

Master Cylinders

Limiters Anti-skid

Parking Brake Valve

Brake lines Fittings

Spare Parts

Tools

BERINGER Technology

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Cozy Mark IV (Rutan)	Wheels / Brakes		Nose wheel Option	
	SLC05	2x wheels 5.00-5" RF-018 - 2x brakes EA-002.2 2x tires 5.00-5" 2x axles FUS-009 2x brake master cylinders MP-003.2 + PGT-002 2x reservoirs RV-001 - 1x anti-lock regulator RE-001 Hydraulic (brake lines/fittings)	AV-COZ-030 (fork internal width = 5.12") 1x wheel 3.50-4" RA-003 1x tire 2.80/2.50-4" 1x axle AXP-003.5	
Other options : Wheel cap 5" BCH-002 - Co-pilot brake kit - Parking brake kit PKG01				
CT (Flight Design/LiftAir)	Wheels / Brakes		Nose Wheel Option	Landing gear Option
	CTSW 2007	SFD01 2x wheels 4.00-6" RF-004 2x brakes EA-006 2x tires 4.00-6" 2x axles FUS001.1 + bracket 1x brake master cylinder MP-003 1x reservoir HFA01 1X limiter LM-002 Hydraulic (brake lines/fittings)	SFD01A 1x wheel 6" RA-009 1x tire 4.00-6" 1x axle AV-FDES-003/004	Shock Wheel : contact us
	CTL5	SFD02 2x wheels 4.00-6" RF-004 2x brakes EA-006.5L / EA-006.5R 2x tires 15x6.00-6" 2x axles FUS001.5 1x brake master cylinder MP-003.1 1x reservoir HFA01 1X limiter LM-002 Hydraulic (brake lines/fittings)	AV-FDES-0301 1x wheel 4.00-6" RA-009 1x tire 4.00-6" 1x axle AV-FDES-003/004	
Other options : Wheel cap 6" BCH-003 Rudder pedal co-pilot brakes Parking brake kit PKG01				

Complete wheel/brake kits (Tires are indicated in the kits but they are not included in the price of the kit)

Diamond	Wheels / Brakes	Nose wheel kit included	SensAIR option
<p>DA40</p> 	<p>STC-009.3</p> <p>C_{STC}</p> <p>2x wheels 6.00-6" RF-006 2x brakes EA-004N 2x axles AV-DIAM-703 4x brake master cylinders MP-003.3N 2x reservoirs RV-003N Hydraulic (brake lines/fittings)</p>	<p>1x wheel 5.00x5" RA-014 1x axle AV-DIAM-701/702</p>	<p>TP-006 2x SensAIR - 6" wheel TP-005 1x SensAIR - 5" wheel</p> <p>C_{STC}</p>
<p>DA42</p> 	<p>STC-013.1</p> <p>C_{STC}</p> <p>2x wheels 6.00-6" RF-006 2x brakes EA-003.7N 2x tires 15x6.00-6" 2x axles AV-DIAM-401 4x brake master cylinders MP-003.3N 2x reservoirs RV-003N Hydraulic (brake lines/fittings)</p>	<p>Nose wheel kit included 1x wheel 5.00-5" RA-014 1x tire 5.00-5" 1x axle AV-DIAM-404</p>	<p>TP-006 2x SensAIR - 6" wheel TP-005 1x SensAIR - 5" wheel</p> <p>C_{STC}</p>
<p>DA42NG</p> 	<p>STC-013.2</p> <p>C_{STC}</p> <p>2x wheels 6.00-6" RF-006 2x brakes EA-003.7N 2x tires 15x6.00-6" 2x axles AV-DIAM-401/402/403 4x brake master cylinders MP-003.3N 2x reservoirs RV-003N Hydraulic (brake lines/fittings)</p>	<p>Nose wheel kit included : 1x wheel 5.00-5" RA-014 1x tire 1x axle AV-DIAM-404/405/406</p>	<p>TP-006 2x SensAIR - 6" wheel TP-005 1x SensAIR - 5" wheel</p> <p>C_{STC}</p>
<p>DA62</p> 	<p>STC-021</p> <p>C_{STC}</p> <p>2x wheels 6.00-6" RF-0017.2 2x brakes EA-004.3N 2x tires 6.00-6" 2x axles FUS-007.7 4x brake master cylinders MP-001.5N 2x reservoirs RV-003N Hydraulic (brake lines/fittings)</p>	<p>Nose wheel kit included : 1x wheel 6.00-6" RA-016.1 1x tire 6.00-6" 1x axle AXP-006.2/BGE-046</p>	<p>TP-006 3x SensAIR - 6" wheel</p> <p>C_{STC}</p>

Notes : Wheel cap BCH-004
 DA40NG : Tundra wheels available PL-STC-009



History Values
Contacts
SensAIR
Complete Kits
Landing Gear
Wheels Brakes
Nose wheel Tailwheel
Tires
Axles
Master Cylinders
Limiters Anti-skid
Parking Brake Valve
Brake lines Fittings
Spare Parts
Tools
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Complete wheel/brake kits (Tires are indicated in the kits but they are not included in the price of the kit)

History Values	Discus / Ventus 2A (Schempp Hirth)	Wheel/Brake	
Contacts			STC-007 1x Wheel 4.00-5" RF-020 1x Brake EA-006 1x Tire 11X4.00-5" 1x Special parts for wheel axle 1x Brake master cylinder cable actuated MM-002 + reservoir Hydraulic (brake lines/fittings)
SensAIR			
Complete Kits			
Landing Gear			
Wheels Brakes			
Nose wheel Tailwheel			

Tires	Dominator (Rotor Flight Dynamics)	Wheels / Brakes		Nose Wheel Option
Axles		SDO02 2x wheels 4.00-6" RF-004 2x brakes EA-006.1 2x tires 4.00-6" 2x axles AV-DOMI-001/002 1x brake master cylinder MM-001/FPK FP-004/Reservoir 1x limiter LM-002 Hydraulic (brake lines/fittings)	ask us	
Master Cylinders				
Limiters Anti-skid				
Parking Brake Valve				
Brake lines Fittings				
Spare Parts				
Tools				
BERINGER Technology				
They trust us ...				

Complete wheel/brake kits (Tires are indicated in the kits but they are not included in the price of the kit)

DR400 (Robin)	Wheel/Brake		History Values
	<p>STC-006 Brake EA-007 + EA-007.1 C_{STC} Special flange/brake support</p>	 	Contacts SensAIR Complete Kits Landing Gear
Dragon Fly (Rutan)	Wheels / Brakes	Nose wheel Option	Wheels Brakes
	<p>SDF01 2x wheels 5.00-5" RF-019 2x brakes EA-006 2x tires 5.00-5" 2x axles FUS-001.1 2x brake master cylinders MP-002 2x reservoirs RV-001 Hydraulic (brake lines/fittings)</p>	<p>SDR01A 1x wheel 3.50-4" RA-003 1x tire 10x3.5x4" 1x axle AXP-003.1</p>	Nose wheel Tailwheel Tires Axles Master Cylinders Limiters Anti-skid
<p>Options : Wheel cap 5" BCH-002 - Co-pilot brake kit - Parking brake kit PKG01 Anti-lock regulator kit RE-001</p>			
Duo Discus (Schempp Hirth)	Wheel/Brake		Parking Brake Valve
	<p>SCH02 1x Wheel 5.00-5" RF-018.3 and Brake EA-002 1x Tire 380X150X-5" - Special parts for wheel axle 1x Brake master cylinder MM-002 + reservoir Hydraulic (brake lines/fittings)</p>		Brake lines Fittings Spare Parts Tools BERINGER Technology They trust us ...
<p>Note : Kit available only from Schempp Hirth</p>			

Complete wheel/brake kits (Tires are indicated in the kits but they are not included in the price of the kit)

History Values

Contacts

SensAIR

Complete Kits

Landing Gear

Wheels Brakes

Nose wheel Tailwheel

Tires

Axles

Master Cylinders

Limiters Anti-skid

Parking Brake Valve

Brake lines Fittings

Spare Parts

Tools

BERINGER Technology

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Dynamic (Aerospool)

WT9 fixed LG



SAE02

Wheels / Brakes

2x wheels 4.00-6" RF-004
 2x brakes EA-006
 2x tires 15X6.00-6"
 2x axles FUS-001.3
 1x brake master cylinder MP-002.3
 1x reservoir HFA01
 1x pressure limiter LM-001
 Hydraulic (brake lines/fittings)

Nose wheel Option

SAE02A
 1x wheel 4.00-6" RA-009
 1x tire 13X5.00-6"
 1x axle

Landing gear Option

2x AV-SPOOL-320
 Shock Wheel



WT9 retractable LG



SAE01

2x wheels 4.00-6" RF-004
 2x brakes EA-006
 2x tires 15X6.00-6"
 2x axles AV-SPOOL-101
 1x brake master cylinder MP-002.5
 1x reservoir HFA01
 1x pressure limiter LM-001
 Hydraulic (brake lines/fittings)

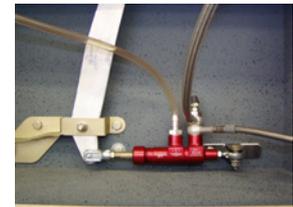
SAE01A
 1x wheel 4.00-6" RA-009
 1x tire 13X5.00-6"
 1x axle AV-SPOOL-101/102/103

WT10



SAE03

2x main wheels 5.00-5" RF-018
 2x brakes EA-002
 2x tires 11X4.00-5"
 2x Axles (special parts)
 1x brake master cylinder MP-002.5
 1x reservoir RV-004.1
 1x pressure limiter LM-004
 Hydraulic (brake lines/fittings)
 Nose wheel : 1x wheel 4.00-6" RA-009
 1x tire 13X5.00-6"
 1x axle AV-SPOOL-101



Other options : Wheel cap 6" BCH-003

Complete wheel/brake kits (Tires are indicated in the kits but they are not included in the price of the kit)

Edge 540 (Zivko)	Wheels / Brakes	
	SED01	2x Wheels 5.00-5" RF-018 - 2x Brakes EA-002.2 - 2x Tires 5.00-5" 2x wheel axles FUS-009.2 2x Brake master cylinders MP-003.1 - 2x Reservoirs RV-001 Hydraulic (brake lines/fittings)

History Values
Contacts
SensAIR

ELA Eclipse (ELA Aviacion)	Wheels / Brakes	Nose Wheel Option	Landing gear Option
	SEL02 2x wheels 4.00-6" RF-004 2x brakes EA-006.1 2x tires 4.00-6" 2x axles AV-ELA-001/002/003 1x master cylinder MP-002.5/BRACKET 1x reservoir HFA01 - 1x limiter LM-002 Hydraulic (brake lines/fittings)	AV-ELA-030 1x wheel 3.50-4" RA-003 1x tire 4.00-4" 1x axle AV-AUTO-001/002/003	Shock Wheel ask us SPEED'AIR fairings



Complete Kits
Landing Gear
Wheels Brakes
Nose wheel Tailwheel
Tires
Axles

Elfe S4 (Neukom)	Wheel / Brake	
	Kit wheel 5"	1x Wheel 5.00-5" RF-018.3 - 1x Brake EA-002 1x Tire 380X150X-5" 1x Special parts for wheel axle 1x Brake master cylinder HAC01 + reservoir Hydraulic (brake lines/fittings)

Master Cylinders
Limiters Anti-skid
Parking Brake Valve

Ellipse (A2CZ)	Wheels / Brakes	Nose wheel Option
	SEL01 2x wheels 4.00-6" RF-004 - 2x brakes EA-006 2x tires 15X6.00-6" 2x axles FUS-001.3 + AV-SPOOL-006 1x brake master cylinder MP-004.3 (lever) + MP-002.8 1x reservoir HFA01 1x pressure limiter LM-002 - Hydraulic (brake lines/fittings)	SAE01A 1x wheel 4.00-6" RA-009 1x tire 13X5.00-6" 1x axle

Brake lines Fittings
Spare Parts
Tools

Other options : Wheel cap 6" BCH-003

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Complete wheel/brake kits (Tires are indicated in the kits but they are not included in the price of the kit)

History Values

Contacts

SensAIR

Complete Kits

Landing Gear

Wheels Brakes

Nose wheel Tailwheel

Tires

Axles

Master Cylinders

Limiters Anti-skid

Parking Brake Valve

Brake lines Fittings

Spare Parts

Tools

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Emeraude CP301 (Claude Piel)



SEM01 2x wheels 4.00-6" RF-004.1 - 2x brakes EA-006
2x tires 6.00-6"
2x axles AV-EME-001/002/003
2x brake master cylinders MP-003.1
2x reservoirs HFA01
1x anti-lock regulator RE-001
Hydraulic (brake lines/fittings)

Rudd'AIR pedal option



Other options : Wheel cap 6" BCH-003 -Parking brake valve kit PKG01
Original landing gear = Ø50mm : other possibilities, contact us

Eurofox (Aeropro)



SEF01 2x wheels 6.00-6" RF-009
2x brakes EA-006
2x tires 15X6.00-6"
2x axles AV-ZLIN-011/ERF-001
(new axle +AV-ERF-003)
2x brake master cylinders MP-002.2E
2x reservoirs HFA01
1x anti-lock regulator RE-001
Hydraulic (brake lines/fittings)



Shock Wheel
2x AV-ERF-120



Bush tires SEF01 with 6.00-6" or with 22" tires

Other options : Wheel cap 6" BCH-002
Rudder pedal co-pilot brakes COP03
Parking brake valve kit PKG01
Axles FUS-015.2 for DATUM ski mounting

Notes : For taildragger the GLR anti-groundloop tailwheel option is available :
TW-001 (with 2.80/2.50-4" tires) or TW-002 (with 4.00-4" tires)



Complete wheel/brake kits (Tires are indicated in the kits but they are not included in the price of the kit)

Europa monowheel (Europa Aircraft)



Wheel / Brake

SEU02 1x wheel 6.00-6" RF-006 - 1x brake EA-003 - 1x tire 7.00-6" or 8.00-6"
 1x axle/special parts AV-ERP-001/002/003
 1x brake master cylinder MP-001 - 2x reservoirs
 1x parking brake FP-004 - 1x pressure limiter LM-002
 Hydraulic (brake lines/fittings)



Notes : Europa nose wheel : ask us

History Values

Contacts

SensAIR

Complete Kits

Landing Gear

Wheels Brakes

Nose wheel Tailwheel

Tires

Axles

Master Cylinders

Limiters Anti-skid

Parking Brake Valve

Brake lines Fittings

Spare Parts

Tools

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Eurostar (Evektor)



Wheels / Brakes

SEU01 2x wheels 4.00-6" RF-004
 2x brakes EA-006 - 2x tires 15X6.00-6"
 2x axles FUS-001.3
 2x brake master cylinders MP-002.3
 2x reservoirs HFA01
 1x anti-lock regulator RE-001
 Hydraulic (brake lines/fittings)

Nose wheel Option

SEU01A
 1x wheel 4.00-6" RA-009
 1x tire 13X5.00-6"
 1x axle/special parts

Landing gear Option

Shock Wheel
 AV-EURO-120L/120R

 SPEED'AIR fairings



Other options : Wheel cap 6" : BCH-003 - Rudder pedal co-pilot brakes
 Parking brake valve kit PKG01

Extra (Extra Aircraft)



Wheels / Brakes

STC-012.1 2x Wheels 5.00-5" RF-018 - 2x Brakes EA-002.2
 Extra 2x Tires 5.00-5" - 2x wheel axles FUS-009.3
 Single seater 2x Brake master cylinders MP-003.4
C_{STC} 2x Reservoirs RV-001
 Hydraulic (brake lines/fittings)

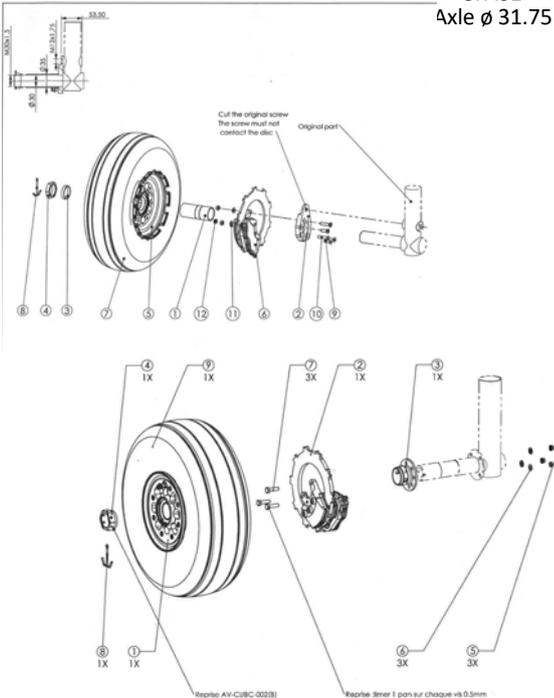
STC-012.2 2x Wheels 5.00-5" RF-018 - 2x Brakes EA-002.2
 Extra 2x Tires 5.00-5" - 2 x wheel axles FUS-009.3
 Two seater 4x Brake master cylinders MP-003.4
C_{STC} 2x Reservoirs RV-001
 Hydraulic (brake lines/fittings)



Complete wheel/brake kits (Tires are indicated in the kits but they are not included in the price of the kit)

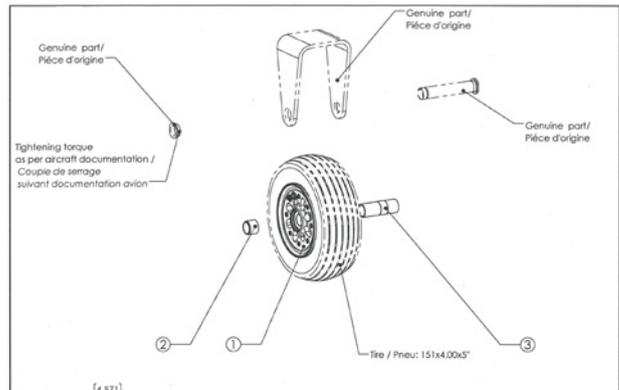
- History Values
- Contacts
- SensAIR
- Complete Kits
- Landing Gear
- Wheels Brakes
- Nose wheel Tailwheel
- Tires
- Axles
- Master Cylinders
- Limiters Anti-skid
- Parking Brake Valve
- Brake lines Fittings
- Spare Parts
- Tools
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Falco F8L	Wheels / Brakes	Nose wheel Option
	SFA02 Axle \varnothing 30 2x Wheels 5.00-5" RF-021.1 2x Brakes EA-002 2x Tires 5.00-5" 2x Axle/special parts 2x Brake master cylinders MP-003 2x Reservoirs RV-001 Hydraulic (brake lines/fittings)	SFA01A (scheme AV-FALC-030) 1x wheel 4.00-5" RA-015 1x tire 11x4.00-5" 1 axle AV-FALC-001/002
	SFA01 Axle \varnothing 31.75 2x Wheels 5.00-5" RF-022 2x Brakes EA-002 2x Tires 5.00-5" 2x Axles AV-FALC-009 + AV-VANS-002 2x Brake master cylinders MP-003 2x Reservoirs RV-001 Hydraulic (brake lines/fittings)	SFA01A



Other options :

- Rudder pedal co-pilot brakes
- Parking brake valve kit PKG01
- Anti-lock regulator kit RE-001 (for SFA01 kit)



Complete wheel/brake kits (Tires are indicated in the kits but they are not included in the price of the kit)

History Values
Contacts
SensAIR
Complete Kits
Landing Gear
Wheels Brakes
Nose wheel Tailwheel
Tires
Axles
Master Cylinders
Limiters Anti-skid
Parking Brake Valve
Brake lines Fittings
Spare Parts
Tools
BERINGER Technology
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F1 Rocket (F1 Aircraft)	Wheels / Brakes	
	SRO02	2x wheels 5.00-5" RF-018 2x brakes EA-002.2 2x tires 5.00-5" 2x axles FUS-009.2 2x brake master cylinders MP-002.6 Hydraulic (brake lines/fittings)
	Other options : Parking brake valve kit PKG01 - Anti-skid regulator RE-001	

Fascination (BK)	Wheels / Brakes	Nose wheel Option
	SFB01	2x wheels 4.00-5" RF-020 2x brakes EA-006 2x tires 11x4.00-5" 2x axles AV-FAS-001 + AV-HPH-002 1x brake master cylinder MM-001 1x reservoir + parking brake FP-004 1x pressure limiter LM-002 Hydraulic (brake lines/fittings)
		AV-FASC-030 (fork width 4.92" 125mm) 1x wheel 4.00-6" RA-009 1x tire 4.00-6" 1x axle AV-FASC-004/002 AV-FASC-03 (fork width 4.72" 120mm) 1x wheel 4.00-5" RA-015 1x tire 11x4.00-5" 1x axle AV-FASC-005/006
Other options : Wheel cap 5" : BCH-002 - Rudder pedal co-pilot brake kit		

Furio (Falcomposite)	Wheels / Brakes	Nose wheel Option
	SFU01	SFU01A
	Axle ø 30 2x Wheels 5.00-5" RF-018 2x Brakes EA-002.2 2x Axle FUS-009 4x Brake master cylinders MP-002.1 2x Reservoirs HFA-01 1x anti-lock regulator RE-001 Hydraulic (brake lines/fittings)	1x wheel 4.00-5" RA-015 1x tire 11x4.00-5" 1 axle AV-FURI-001/002/003

Complete wheel/brake kits (Tires are indicated in the kits but they are not included in the price of the kit)

History Values

Contacts

SensAIR

Complete Kits

Landing Gear

Wheels Brakes

Nose wheel Tailwheel

Tires

Axles

Master Cylinders

Limiters Anti-skid

Parking Brake Valve

Brake lines Fittings

Spare Parts

Tools

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FK (FK Aircraft)

Wheels / Brakes

Nose wheel/Tailwheel Option

Landing gear Option

FK9 Mark III-IV-V-ELA

SFK01
6" wheels
2x wheels 4.00-6" RF-004 - 2x brakes EA-006
2x tires 4.00-6"
2x axles FUS-001.1 + AV-FUNK-001
1x brake master cylinder MP-004.5+MP-002.8
1x reservoir HFA01
1x pressure limiter LM-002
Hydraulic (brake lines/fittings)

SFK01A
1x wheel 4.00-4" RA-003
1x tire 4.00-4"
1x axle AV-FUNK-002/003

2x AV-FUNK-220
Shock Wheel
SPEED'AIR fairings



SFK04
4" wheels
2x wheels 3.50-4" RF-013
2x brakes EA-009
2x axles AV-FUNK-004/005
1x master cylinder MP-004.5 + MP-002.8
1x reservoir HFA01
Hydraulic (brake lines/fittings)



FK12

SFK03
2x wheels 4.00-6" RF-004
2x brakes EA-006
2x tires 4.00-6"
2x axles FUS-001.1 + AV-FUNK-001
1x hand master cylinder MMM-001
1x reservoir + parking brake FP-004
1x pressure limiter LM-002
Hydraulic (brake lines/fittings)

AV-FUNK-130
1x tailwheel 200x500
1x rubber tire 150mm

2x AV-FUNK-220
Shock Wheel
SPEED'AIR fairings



Other options :

- Wheel cap 6" BCH-003
- FK12 : Rudder pedal co-pilot brakes
- Parking brake valve kit PKG01

Notes :

- FK9 : the brake lever is special one for FK9
- FK12 : can be equipped with pedal brakes (modifications)



Complete wheel/brake kits (Tires are indicated in the kits but they are not included in the price of the kit)

Fournier	Wheels / Brakes		History Values	
RF3		<p>SRF01 Ultralight type</p>	<p>1x wheel 4.00-6" RF-004 1x brake EA-006 1x tire 4.00-6" 1x axle/special parts 1x brake master cylinder MM-001 1x reservoir + parking brake FP-004 1x pressure limiter LM-002 Hydraulic (brake lines/fittings)</p>	<p>Contacts</p> <p>SensAIR</p> <p style="background-color: #e91e63; color: white;">Complete Kits</p> <p>Landing Gear</p> <p>Wheels Brakes</p> <p>Nose wheel Tailwheel</p> <p>Tires</p>
RF3		<p>SRF03 Standard type</p>	<p>1x wheel 5.00-5" RF-019 1x brake EA-006 1x tire 5.00-5 1x axle/special parts 1x brake master cylinder MM-001 1x reservoir + parking brake FP-004 1x pressure limiter LM-002 Hydraulic (brake lines/fittings)</p>	<p>Axes</p> <p>Master Cylinders</p> <p>Limiters Anti-skid</p> <p>Parking Brake Valve</p>
RF5		<p>SRF04</p>	<p>1x wheel 5.00-5" RF-022 1x brake EA-002 1x tire 380x150-5" 1x axle/special parts 1x brake master cylinder MM-001 1x reservoir + parking brake FP-004 1x pressure limiter LM-002 Hydraulic (brake lines/fittings)</p>	<p>Brake lines Fittings</p> <p>Spare Parts</p>
RF9		<p>SRF05</p>	<p>1x wheel 4.00-5" RF-020 1x brake EA-006 1x tire 11x4.00-5" 1x axle AV-FOUR-101/102 1x brake master cylinder MP-002.3 1x reservoir HFA01 + parking brake FP-004 1x pressure limiter LM-002 Hydraulic (brake lines/fittings)</p>	<p>Tools</p>

Note : non certified kits

Complete wheel/brake kits (Tires are indicated in the kits but they are not included in the price of the kit)

History Values

Contacts

SensAIR

Complete Kits

Landing Gear

Wheels Brakes

Nose wheel Tailwheel

Tires

Axles

Master Cylinders

Limiters Anti-skid

Parking Brake Valve

Brake lines Fittings

Spare Parts

Tools

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G1 SPYL (G1 Aviation)	Wheels / Brakes	Nose wheel Option	Landing gear Option
	SGA01 2x wheels 6.00-6" RF-009 2x brakes EA-006 2x tires 15x6.00-6" 2x axles FUS-010.5 1x brake master cylinder MM-001 (reservoir + parking brake FP-004) 1x pressure limiter LM-002 Hydraulic (brake lines/fittings)	SGA01A (narrow fork) 1x wheel 4.00-6" RA-009 1x tire 15x6.00-6" 1x axle AV-SPOOL-001/AV-GUN-002 or SGA02A (large fork) 1x wheel 4.00-6" RA-009 1x tire 6.00-6" 1x axle AV-SPOOL-001/AV-GUN-001	2x AV-GUN-320 Shock Wheel B'Flex landing gear 2x LGT-017(L/R)

Other options :

- 8" wheels for DURO 21" /27.5" Aero Classic tires
- Wheel cap 6" BCH-002
- Co-pilot hand brake SGA01C with specific brake lines



GAZ'Aile	Wheels / Brakes	Nose wheel Option	Landing gear Option
	SGZ01 2x wheels 4.00-5" RF-020 2x brakes EA-006 2x tires 11x4.00-5" 2x axles FUS-005.1 1x brake master cylinder MM-001 (reservoir + parking brake FP-004) 1x pressure limiter LM-002 Hydraulic (brake lines/fittings)	SGZ01A 1x wheel 3.50-4" RA-003 1x tire 4.00-4 " 1x axle AXP-003.1 AV-GAZA-030 (fork width 3.94" 100mm) 1x wheel 3.50-4" RA-003 1x tire 4.00-4 " 1x axle AV-LEG-007+AV-GAZA-001+AV-DYNA-009 or AV-GAZA-031 (5" wheel) 1x wheel 4.00-5" RA-015 1x tire 11x4.00-5" 1x axle AXP-007.2	Ask us

Other options : Wheel cap 6" BCH-002 - Co-pilot hand brake

Note : 4" and 6" wheel kit available. Contact us

Complete wheel/brake kits (Tires are indicated in the kits but they are not included in the price of the kit)

Genev 01 (Genevation)	Wheels / Brakes		History Values
	SGE01	2x wheels 5.00-5" RF-018 2x brakes EA-002.2 2x tires 5.00-5" 2x axles FUS-009.2 2x brake master cylinders MM-002.3 2x reservoirs RV-001 1x anti-lock regulator RE-001 Hydraulic (brake lines/fittings)	Contacts
	Other options : Wheel cap 6" BCH-002 - Rudder pedal co-pilot brakes - Parking brake valve kit PKG01		SensAIR
Glasair (Glasair Aviation)	Wheels / Brakes	Nose wheel Option	Complete Kits
Glasair III RLG 	SGL02 2x wheels 5.00-5" RF-018 2x brakes EA-002.2N 2x tires 5.00-5" 2x axles FUS-007 4x brake master cylinders MP-003.2N 2x reservoirs RV-001N 1x anti-lock regulator RE-001N Hydraulic (brake lines/fittings)	SGL01A 1x wheel 4.00.5" RA-015 1x tire 11x4.00-5" 1x axle AV-GLAS-002/AV-GLAS-001	Landing Gear
	Sportsman 	SGL03 2x wheels 6.00-6" RF-006 2x brakes EA-003 2x tires 5.00-5" 2x axles FUS-009 2x brake master cylinders MP-003 2x reservoirs RV-001 1x anti-lock regulator RE-001 Hydraulic (brake lines/fittings)	
Other options : GLASAIR III : Rudder pedal co-pilot brakes Note : non certified kits		Nose wheel Tailwheel	
			Tires
			Axles
			Master Cylinders
			Limiters Anti-skid
			Parking Brake Valve
			Brake lines Fittings
			Spare Parts
			Tools
			BERINGER Technology
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Complete wheel/brake kits (Tires are indicated in the kits but they are not included in the price of the kit)

History Values	Highlander (Just Aircraft)	Wheels / Brakes		Landing Gear Option
Contacts		SSJ01 (original LG) SSJ02 (ALG)	2x wheels 6.00-6" RF-014 2x brakes EA-006.2 Dual (tires >29") or EA-006 (tires <29") 2x axles FUS-012 (original LG) or FUS-010.1 (ALG) 4x brake master cylinders MP-003.9N 2x reservoirs RV-001 1x anti-lock regulator RE-001 Hydraulic (brake lines/fittings)	AV-JUST-120 ALG kit
SensAIR		Complete Kits	Other options : <ul style="list-style-type: none"> • 8" wheel option for DURO 21" /27.5" Aero Classic tires • Wheel cap 6" BCH-002 • Parking brake valve kit PKG01 	Notes : Rudder pedal co-pilot brakes are included in the kit Superstol : see pages S ...
Landing Gear		HPH 304S (HPH)		
Wheels Brakes		SFA02	1x Wheel 5.00-5" RF-019 1x Brake EA-006 1x Tire 5.00-5" 1x Axle/special parts 1x Brake master cylinder MP-002.5 1x Reservoirs HFA01 1x Pressure limiter LM-003 Hydraulic (brake lines/fittings)	Wheel/Brake
Nose wheel Tailwheel	Axles	Master Cylinders	Limiters Anti-skid	Parking Brake Valve
Tires	Spare Parts	Tools	BERINGER Technology	They trust us ...

Complete wheel/brake kits (Tires are indicated in the kits but they are not included in the price of the kit)

Ibis (Ibis Aircraft)	Nose wheel kit		History Values
	AV-IBIS-030 1x Wheel 4.00-6" RA-009 1x Tire 15x6.00-6" 1x Axle AV-IBIS-001/002		Contacts SensAIR Complete Kits Landing Gear Wheels Brakes
Jabiru Aircraft	Wheels / Brakes		
Jabiru 170 	SJU03	2x wheels 4.00-6" RF-004 - 2x brakes EA-006 2x tires 4.00-6" - 2x axles AV-JAB-001 1x brake master cylinder MM-001 (reservoir + parking brake FP-004) 1x pressure limiter LM-002 Hydraulic (brake lines/fittings)	Nose wheel Tailwheel Tires Axles
Jabiru 400/430 	SJU01 5" wheels	2x wheels 5.00-5" RF-018 - 2x brakes EA-002.2 2x tires 5.00-5" - 2x Axle/special parts 1x brake master cylinder BR14-2R (parking brake FP-004) 1x reservoir HFA01 1x pressure limiter LM-003 - Hydraulic (brake lines/fittings)	Master Cylinders Limiters Anti-skid Parking Brake Valve
	SJU05 6" wheels	2x wheels 6.00-6" RF-006 - 2x brakes EA-003 2x tires 6.00-6" - 2x Axles FUS-007.23 (leg to be drilled for a fifth hole) 1x brake master cylinder BR14-2R (parking brake FP-004) 1x reservoir HFA01 1x pressure limiter LM-003 - Hydraulic (brake lines/fittings)	Brake lines Fittings Spare Parts
Other options : Wheel cap 6" BCH-003 and wheels 5" BCH-002			Tools

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Complete wheel/brake kits (Tires are indicated in the kits but they are not included in the price of the kit)

History Values

Contacts

SensAIR

Complete Kits

Landing Gear

Wheels Brakes

Nose wheel Tailwheel

Tires

Axles

Master Cylinders

Limiters Anti-skid

Parking Brake Valve

Brake lines Fittings

Spare Parts

Tools

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Jodel (Avions Jodel)	Wheels / Brakes	Tailwheel Option
<p>Jodel D20 ULM</p> 	<p>SJD01 2x wheels 4.00-5" RF-020 - 2x brakes EA-006 2x tires 5.00-5" - 2x axles FUS-005.1 2x brake master cylinders MP-002.5 2x reservoirs HFA01 - x anti-lock regulator RE-001 Hydraulic (brake lines/fittings)</p> <p>Other options : Wheel cap 5" BCH-002 - Parking brake valve kit PKG01 - Rudder pedal co-pilot brakes Notes : The wheel axle fitting requires to weld a T1 bracket - Fitting the GLR tailwheel may require some modification</p>	<p>TW-001 (GLR anti-groundloop tailwheel) 1x wheel 3.50-4" RA-003 1x tire 2.80/2.50-4" 1x tailwheel support 1x lever to lock/unlock</p>
<p>Jodel axle 1.97" (50mm)</p>	<p>SJD03 2x wheels 6.00-6" RF-015 - 2x brakes EA-003.2N 6" wheels (without fairings) with fairings : 2x axles FUS-014.1+ spacer to weld AV-JOD-202 + AV-JOD-401 SJD05 without fairings : 2x axles FUS-014.1+ spacer to weld AV-JOD-202 (with fairings) Brake controls and hydraulic : ask us SJD04 2x wheels 5.00-5" RF-019 - 2x brakes EA-006.1N 5" wheels 2x tires 6.00-6" 2x axles FUS-001.1+spacer to weld AV-JOD-201 Brake controls and hydraulic : ask us</p> <p>Other options : special parts for Datum skis mounting</p>	<p>GLR anti-groundloop tailwheel : ask us</p> 
<p>Jodel D112</p>	<p>SJD06 2x wheels 4.00-6" RF-004 - 2x brakes EA-006.1 2x tires 4.00-6" - 2x axles FUS-001.1 Master cylinders/Reservoir/PKG/Anti-skid Hydraulic : please contact us</p>	<p>GLR anti-groundloop tailwheel : ask us</p>
<p>Jodel D140 Mousquetaire</p> 	<p>SJD02 2x wheels 6.00-6" RF-006 - 2x brakes EA-004N 2x tires to be chosen 2x axle parts to weld AV-JOD-306+AV-DIAM-223 2x brake master cylinders MP-002.1N 2x reservoirs RV-001N 1x anti-lock regulator RE-001N Hydraulic (brake lines/fittings)</p> <p>Other options : Parking brake valve kit PKG01 - Co-pilot brakes : ask us</p>	<p>GLR anti-groundloop tailwheel : ask us</p>

Complete wheel/brake kits (Tires are indicated in the kits but they are not included in the price of the kit)

Joker J300	Wheels / Brakes		Tailwheel Option	Landing gear Option	History Values
	SJO01 2x wheels 6.00-6" RF-009 2x brakes EA-006 2x tires 15x6.00-6" 2x axles FUS-010.1+ pièces 1x brake master cylinder MM-001 (reservoir + parking brake FP-004) 1x pressure limiter LM-002E Hydraulic (brake lines/fittings)	TW-001 (GLR anti-groundloop tailwheel) 1x wheel 3.50-4" RA-003 1x tire 2.80/2.50-4" 1x tailwheel support 1x lever to lock/unlock	Ask us	Contacts	
Other options : <ul style="list-style-type: none"> Wheel cap 6" BCH-002 Co-pilot hand brake 		Note : fitting the GLR tailwheel may require some modification			SensAIR
JS1 (Jonker)		Wheel / Brake			Complete Kits
	JON02 1x Wheel 5.00-5" RF-019 - 1x Brake EA-006 1x Tire 5.00-5" - 1x Axle/special parts 1x Pressure limiter LM-004 Hydraulic (brake lines/fittings)	JON03 Same kit for disabled pilots (brake on the control stick)			Landing Gear
Junior (EKOLOT) Report to Topaz	Wheels / Brakes	Nose wheel Option	Landing gear Option		Wheels Brakes
Kristen Eagle (Report to Pitts S2)		Wheels / Brakes			Nose wheel Tailwheel
	Wheels / Brakes			Tires	
KR2 (Rand Robinson)	Wheels / Brakes			Axles	
	SKR01 2x wheels 3.50-4" RF-013 2x brakes EA-009 2x tires 4.00-4" 2x axles AV-KR2-001+AXP-003.5 Braking controls and hydraulics : ask us				Master Cylinders
Limiters Anti-skid					
Parking Brake Valve					
Brake lines Fittings					
Spare Parts					
Tools					
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Complete wheel/brake kits (Tires are indicated in the kits but they are not included in the price of the kit)

History Values

Contacts

SensAIR

Complete Kits

Landing Gear

Wheels Brakes

Nose wheel Tailwheel

Tires

Axles

Master Cylinders

Limiters Anti-skid

Parking Brake Valve

Brake lines Fittings

Spare Parts

Tools

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KitFox (KitFox Aircraft)	Wheels / Brakes	Tailwheel Option	Landing gear Option	
	SKT01 Shock Monster LG 2x wheels 6.00-6" RF-014 - 2x brakes EA-006.2 2x axles FUS-012 4x brake master cylinders MP-003 2x reservoirs RV-004 Hydraulic (brake lines/fittings)	AV-KIT-600 1x wheel 200x500 1x rubber tire 150 1x axle AV-KIT-601 or TW-001 (GLR tailwheel) 1x wheel 3.50-4" RA-003 1x tire 2.80/2.50-4" 1x tailwheel support 1x lever to lock/unlock		
	SKT02 Leaf Gear 2x wheels 6.00-6" RF-009 - 2x brakes EA-006.20 2x axles FUS-010.22 Other parts : Idem SKT01	Idem		AV-KIT-220 Shock Wheel
	SKT03 2x wheels 4.00-6" RF-004 - 2x brakes EA-006.1 2x tires depending on use - 2x axles AV-KIT-301 2x brake master cylinders MP-002.3 (to be validated when ordering) - 2x reservoirs RV-001 Hydraulic (brake lines/fittings)	Idem		
Other options : Wheel cap 6" BCH-003 8" wheel kit available, ask us		Note : fitting the GLR tailwheel may require some modification		

L19 Bird Dog (Cessna)	Wheels / Brakes	Tailwheel Option	Landing gear Option
	SBD01 2x wheels 6.00-6" RF-006 2x brakes EA-003 2x tires (several types available) 2x axles FUS-007 2x brake m. cylinders MP-003 + extenders 2x reservoirs RV-001 Hydraulic (brake lines/fittings)	SST11 (Scott mounting) 1x wheel 3.50-4" 1x tire 4.00-4" 1x axle AV-SCOTT-001/002	Shock Wheel kit : in progress, stay tuned
	Other options : Wheel cap 6" BCH-004 <ul style="list-style-type: none"> Rudder pedal co-pilot brakes COP02 Parking brake valve kit PKG01 Anti-lock regulator kit RE-001 	Notes : <ul style="list-style-type: none"> Non certified kit Tires available : 8.50-6" or 6.00-6" 	

Complete wheel/brake kits (Tires are indicated in the kits but they are not included in the price of the kit)

LAK (UAB)		Wheel / Brake		History Values
LAK 17A		STC-011 	1x Wheel 5.00-5" RF-019 1x Brake EA-006 1x Tire 5.00-5" 1x Axle/special parts 1x Brake master cylinder MM-001 (parking brake and reservoir) 1x Pressure limiter LM-003 Hydraulic (brake lines/fittings)	Contacts
LAK 17B		SLA02	Idem STC-011 for Lak17A except tires : 336x115x5"	SensAIR
MINI LAK		SLA03	1x Wheel 3.50-4" RF-013 1x Brake EA-009 1x Tire 4.00-4" 1x Brake master cylinder MM-002 (parking brake and reservoir) 1x Pressure limiter LM-003 Hydraulic (brake lines/fittings)	Complete Kits
Lambda (Distar)		Wheels / Brakes		Landing Gear
	SLA01	2x wheels 4.00-6" RF-004 2x brakes EA-006 2x tires 4.00-6" 2x axle/special parts 1x brake master cylinder MM-001 (reservoir + parking brake FP-004) 1x pressure limiter LM-001 Hydraulic (brake lines/fittings)		Wheels Brakes
				Nose wheel Tailwheel
				Tires
				Axles
				Master Cylinders
				Limiters Anti-skid
				Parking Brake Valve
				Brake lines Fittings
				Spare Parts
				Tools
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Other options :

- Wheel cap 6" BCH-003
- Co-pilot hand brake

Complete wheel/brake kits (Tires are indicated in the kits but they are not included in the price of the kit)

History Values	Lancair	Wheels / Brakes		Nose wheel Option
Contacts	Lancair 320/360 RLG	SLC02	2x wheels 4.00-5" RF-021 - 2x brakes EA-002.2 2x tires 11x4.00-5" - 2x axles FUS-005 2x brake master cylinders MP-003.1 - 2x reservoirs RV-001 1x anti-lock regulator RE-001 - Hydraulic (brake lines/fittings)	SLC01A 1x wheel 4.00-5" RA-015 1x tire 11x4.00-5" 1x axle/special parts
SensAIR				
Complete Kits		SLC08	Idem SLC02 except : 2x wheels 5.00-5" RF-018 2x brakes EA-002.2 (special drilling) - 2x tires 5.00-5" 2x axles AV-LANC-005	
Landing Gear	Lancair Legacy / Barracuda	SLC01	2x wheels 5.00-5" RF-018 - 2x brakes EA-002.2 2x tires 5.00-5" - 2x axles FUS-009 2x brake master cylinders MP-003.1 2x reservoirs RV-001 - 1x anti-lock regulator RE-001N Hydraulic (brake lines/fittings)	SLC01A 1x wheel 4.00-5" RA-015 1x tire 11x4.00-5" 1x axle/special parts
Wheels Brakes				
Nose wheel Tailwheel	Lancair IV	SLC06	2x wheels 6.00-6" RF-006 - 2x brakes EA-003.3 2x tires 6.00-6" - 2x axles FUS-007.3 2x brake master cylinders MP-003 2x reservoirs RV-001 - 1x parking brake FP-003 1x anti-lock regulator RE-001 - Hydraulic (brake lines/fittings)	SLC06A 1x wheel 5.00-5" RA-014 1x tire 5.00-5" 1x axle special parts
Tires				
Axles	Lancair IV P (Turbine)	SLC07	2x wheels 6.00-6" RF-006 - 2x brakes EA-003.4 2x tires 15x6.00-6" - 2x axles FUS-007.2 2x brake master cylinders MP-003 2x reservoirs RV-001 - 1x parking brake FP-003 1x anti-lock regulator RE-001 - Hydraulic (brake lines/fittings)	AV-LANC-230 1x wheel 5.00-5" RA-014 1x tire 5.00-5" 1x axle AV-LANC-201 + AV-LANC-202/203
Master Cylinders				
Limiters Anti-skid				
Parking Brake Valve				
Brake lines Fittings	Calima T90			AV-LANC-430 1x wheel 4.00-5" RA-015 1x axle AV-LANC-001/002 + AV-LANC-401
Spare Parts				
Tools			Other options : Lancair 320/360 : Wheel cap BCH-002 Lancair 320/360 - Legacy - IV : Rudder pedal co-pilot brakes - Parking brake valve kit	
BERINGER Technology			Notes : Lancair 320/360 earliest types, please contact us Lancair ES, IV and IVP : Nose wheel kit : fork internal width = 5.5" (139.7mm)	
They trust us ...				

Complete wheel/brake kits (Tires are indicated in the kits but they are not included in the price of the kit)

	Wheels / Brakes	Nose wheel Option	
Legend 540 (Aeropilot) 	SLG01 2x wheels 4.00-6" RF-004 2x brakes EA-006 2x tires 4.00-6" 2x axles FUS-001.1+ AV-LEG-003/004 1x lever MP-004.7 + brake master cylinder MP-002.8 1x reservoir RV-004.1 1x pressure limiter LM-002 Hydraulic (brake lines/fittings)	SLG01A 1x wheel 3.50-4" RA-003 1x tire 4.00-4" 1x special axle 	History Values Contacts SensAIR Complete Kits Landing Gear Wheels Brakes Nose wheel Tailwheel Tires Axles Master Cylinders Limiters Anti-skid Parking Brake Valve Brake lines Fittings Spare Parts Tools BERINGER Technology They trust us ...
Libelle H201 (Glasflügel) 	SLI01 1x Wheel 4.00-5" RF-020 1x Brake EA-006 1x Tire 11x4.00-5" 1x Axle/special parts 1x Brake master cylinder MM-002 (parking brake FP-004 and reservoir) 1x Pressure limiter LM-002 Hydraulic (brake lines/fittings) Note : non certified kit		
Long'Ez (Rutan) 	SLE01 2x wheels 5.00-5" RF-018 2x brakes EA-002.2 2x tires 5.00-5" 2x axles FUS-009 2x brake master cylinders MP-002.5 2x reservoirs RV-001 1x anti-lock regulator RE-001 Hydraulic (brake lines/fittings)	SLE01A 1x wheel 3.50-4" RA-003 1x tire 2.80/2.5-4" 1x axle AXP-003+BGE-007	

Other options :

- Wheel cap BCH-002
- Rudder pedal co-pilot brakes
- Parking brake valve kit PKG01

Complete wheel/brake kits (Tires are indicated in the kits but they are not included in the price of the kit)

History Values

Contacts

SensAIR

Complete Kits

Landing Gear

Wheels Brakes

Nose wheel Tailwheel

Tires

Axles

Master Cylinders

Limiters Anti-skid

Parking Brake Valve

Brake lines Fittings

Spare Parts

Tools

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LS4 (DG Flugzeugbau)



STC-015
C_{STC}

1x Wheel 4.00-5" RF-020 - x Brake EA-006
1x Tire 11x4.00-5" - 1x Axle/special parts
1x Brake master cylinder MM-002.1
(Reservoirs and parking brake FP-004)
1x Pressure limiter LM-002 - Hydraulic (brake lines/fittings)

Wheel / Brake

Luciole MC30 (Colomban)



SLU01 2x wheels 3.50-4" RF-013 - 2x brakes EA-009
2x tires 4.00-4" - 2x axles AV-LUCI-001+FUS-006.4
Braking controls and hydraulics : ask us

Wheels / Brakes

M16-22-24 (Magni)



M16-22 : SMG01 2x wheels 4.00-6" RF-004
M24 : SMG04 2x brakes EA-006
2x tires 4.00-6"
2x axle + special parts
1x lever + brake master cylinder frein
MP-002.2
1x reservoir RV-004
Hydraulic (brake lines/fittings)

Wheels / Brakes

SMG01A 1x wheel 3.50-4" RA-003
1x tire 4.00-4"
1x axle AXP-003.1 + AV-MAGN-003
(if internal width=123mm)
or SMG02A
1x axle AXP-003.1 + AV-MAGN-002
(if internal width=143mm)

Nose wheel Option



2x AV-MAGN-140
Shock Wheel
SPEED'AIR fairings



Tundra SMG01 / SMG04 with 6.00-6" tires
M16-22 : SMG02
M24 : SMG05

SMG03A 1x wheel 4.00-6" RA-009
1x tire 4.00-6"
1x AV-MAGN-003/004/005

2x AV-MAGN-140
Shock Wheel
SPEED'AIR fairings

Other options : Wheel cap BCH-003 - Pressure limiter kit LM-002
Reinforced tire 6" wheel kit : M16-22 : SMG03 / M24 : SMG06

Note: If the Shock Wheel is installed on the main gear, the 6" nose wheel kit SMG03A must be installed on the front (higher nose) and the wheel fairings must be cut (we deliver a template).

Complete wheel/brake kits (Tires are indicated in the kits but they are not included in the price of the kit)

MCR (Dynaero)		Wheels / Brakes	Nose wheel Option
	SDY03 (standard LG) SDY01 (oleo LG)	2x wheels 4.00-5" RF-020 2x brakes EA-006 2x tires 11x4.00-5" 2x axle + special parts 2x brake master cylinders MP-002.1 2x reservoirs HFA01 1x anti-lock regulator RE-001 Hydraulic (brake lines/fittings)	SDY02A 1x wheel 3.50-4" RA-003 1x tire 3.00-4" 1x special axle + special parts or SDY01A 1x wheel 4.00.5" RA-015 1x tire 11x4.00-5" 1x special axle + special parts
	SDY02 (standard LG / brakes between the seats)	2x wheels 4.00-5" RF-020 2x brakes EA-006 2x tires 11x4.00-5" 2x axle + special parts 2x brake master cylinders MP-002.1 2x reservoirs HFA01 1x anti-lock regulator RE-001 Hydraulic (brake lines/fittings)	SDY02A 1x wheel 3.50-4" RA-003 1x tire 3.00-4" 1x special axle + special parts or SDY01A 1x wheel 4.00.5" RA-015 1x tire 11x4.00-5" 1x special axle + special parts

Other options : Wheel cap BCH-002 - Parking brake valve kit PKG01 - Rudder pedal co-pilot brakes

Notes : nose 4" wheel and 5" wheel are available

- MCR01 standard LG and oleo gear have different axles
- Brake master cylinders can be mounted on the pedal or close to the hands

Menestrel (Henri Nicollier)		Wheels / Brakes	Rudd'AIR pedal option	Tailwheel Option
	SMES01	2x wheels 4.00-6" RF-004 2x brakes EA-006 2x tires 15x6.00-6" 2x axles FUS-001.1 + axle acier 2x brake master cylinders MP-004.4 2x reservoirs HFA01 1x anti-lock regulator RE-001 Hydraulic (brake lines/fittings)		TW-001 (GLR tailwheel) 1x wheel 3.50-4" RA-003 1x tire 2.80/2.50-4" 1x tailwheel support 1x lever to lock/unlock

Other options : Wheel cap 6" BCH-003 - Parking brake valve kit PKG01

History Values
Contacts
SensAIR
Complete Kits
Landing Gear
Wheels Brakes
Nose wheel Tailwheel
Tires
Axles
Master Cylinders
Limiters Anti-skid
Parking Brake Valve
Brake lines Fittings
Spare Parts
Tools
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Complete wheel/brake kits (Tires are indicated in the kits but they are not included in the price of the kit)

- History Values
- Contacts
- SensAIR
- Complete Kits
- Landing Gear
- Wheels Brakes
- Nose wheel Tailwheel
- Tires
- Axles
- Master Cylinders
- Limiters Anti-skid
- Parking Brake Valve
- Brake lines Fittings
- Spare Parts
- Tools
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MTO Sport 2010-2017 (AutoGyro)



Wheels / Brakes	Nose wheel Option	Landing Gear Option
SAG01 2x wheels 4.00-6" RF-004 2x brakes EA-006 2x tires 4.00-6" 2x axles FUS-001.1 1x brake master cylinder MP-002.5 +AV-AUTO-008 1x reservoir HFA01 1x limiter LM-002 Hydraulic (brake lines/fittings)	SAG02A 1x wheel 6" RA-009 1x tire 4.00-6" 1x axle AV-AUTO-001/002/003	Shock Wheel : ask us SPEED'AIR fairings



Other options : Wheel cap 6" BCH-003

Murphy (Rebel)



Wheels / Brakes	Landing Gear Option
SMU01 2x Wheels 6.00-6" RF-009 2x Brakes EA-006 2x wheel axles FUS-010+AV-MURP-001 Braking controls and hydraulics : ask us	AV-MAV-120 ALG kit

MXS (MX Aircraft)



Wheels / Brakes	
SMX01 2x Wheels 5.00-5" RF-018 2x Brakes EA-002.2 2x Tires 5.00-5" 2x wheel axles FUS-009.2 2x Brake master cylinders MP-003.3 2x Réservoirs RV-001 Hydraulic (brake lines/fittings)	

Other options : Wheel cap BCH-002 - Parking brake valve kit PKG01

Complete wheel/brake kits (Tires are indicated in the kits but they are not included in the price of the kit)

	Wheels / Brakes	Nose wheel Option	
Roko NG4 (Roko Airplanes) 	<p>SMS01 2x wheels 4.00-6" RF-004 - 2x brakes EA-006 2x tires 15x6.00-6" - 2x axles FUS-001.2 2x brake master cylinders MP-003 + 2x reservoirs HFA01 1x anti-lock regulator RE-001 - Hydraulic (brake lines/fittings)</p> <hr/> <p>Other options : Wheel cap 6" BCH-002 - Parking brake valve kit PKG01 Rudder pedal co-pilot brakes</p> <p>Note : 5" wheel on the mains is possible</p>	<p>Ask us</p>	<div style="background-color: #d3d3d3; padding: 2px;">History Values</div> <div style="background-color: #d3d3d3; padding: 2px;">Contacts</div> <div style="background-color: #d3d3d3; padding: 2px;">SensAIR</div> <div style="background-color: #add8e6; padding: 2px;">Complete Kits</div> <div style="background-color: #d3d3d3; padding: 2px;">Landing Gear</div> <div style="background-color: #d3d3d3; padding: 2px;">Wheels Brakes</div> <div style="background-color: #d3d3d3; padding: 2px;">Nose wheel Tailwheel</div> <div style="background-color: #d3d3d3; padding: 2px;">Tires</div> <div style="background-color: #d3d3d3; padding: 2px;">Axles</div> <div style="background-color: #d3d3d3; padding: 2px;">Master Cylinders</div> <div style="background-color: #d3d3d3; padding: 2px;">Limiters Anti-skid</div> <div style="background-color: #d3d3d3; padding: 2px;">Parking Brake Valve</div> <div style="background-color: #d3d3d3; padding: 2px;">Brake lines Fittings</div> <div style="background-color: #d3d3d3; padding: 2px;">Spare Parts</div> <div style="background-color: #d3d3d3; padding: 2px;">Tools</div> <div style="background-color: #d3d3d3; padding: 2px;">BERINGER Technology</div> <div style="background-color: #d3d3d3; padding: 2px;">They trust us ...</div>
Nimbus 3/4S (Schempp Hirth) 	<p>SCH03 1x Wheel 5.00-5" RF-019 - 1x Brake EA-006 1x Axle/special parts 1x Brake master cylinder MM-002 (reservoir and parking brake FP-004) 1x Pressure limiter LM-002 Hydraulic (brake lines/fittings)</p> <hr/> <p>Note : Kit available exclusively from Shempp Hirth Company</p>		
Nord 1200/1201/1202/1203 (Norécrin)  	<p>SNR01 2x wheels 6.00-6" RF-006 2x brakes EA-003.12 - 2x tires 6.00-6" 2x axles/special parts 2x brake master cylinders MP-002.5 2x reservoirs HFA01 1x parking brake FP-003 1x anti-lock regulator RE-001 Hydraulic (brake lines/fittings)</p> <hr/> <p>Other options : Wheel cap BCH-004 - Parking brake valve kit PKG01 Note : non certified kit</p>	<p>AV-NOR-030 1x Wheel 5.00-5" RA-014 1x tire 5.00-5" 1x axle AV-NOR-005/003</p>	
Norden (Zlin Aviation) See Savage table			

Complete wheel/brake kits (Tires are indicated in the kits but they are not included in the price of the kit)

History Values	NYNJA/SWIFT/ SKYRANGER (Flylight)	Wheels / Brakes	Nose wheel Option	Landing gear Option
Contacts		SSK01 2x wheels 4.00-6" RF-004 2x brakes EA-006 2x tires 4.00-6" 2x axles FUS-001.1 + AV-SKY-001 1x brake master cylinder MM-001 (reservoir + parking brake FP-004) 1x pressure limiter LM-002 Hydraulic (brake lines/fittings)	SSK01A 1x wheel 4.00-6" RA-009 1x tire 4.00-6" 1x axle AV-SKY-002	Shock Wheel 2x AV-SKY-320 B'FleX LG 2x AV-SKY-420
Complete Kits		6" Bush tires SSK01 with tires 6.00-6"	SSK01A	Idem
Landing Gear		22" Bush tires SSK01 with changes : 2x wheels 6.00-6" RF-009 2x tires 22x8.50-6" 2x axles FUS-010	SSK02A (large fork) 1x wheel 6.00-6 RA-009 1x tire 6.00-6 1x axle AV-SKY-005/006 Fork extender	Idem 
Wheels Brakes		SSK04 2x wheels 3.50-4" RF-013 2x brakes EA-009 2x tires 4.00-4" 2x axle + special parts 1x brake master cylinder MM-01 (reservoir + parking brake FP-004) 1x pressure limiter LM-002 Hydraulic (brake lines/fittings)	4" Nose wheel kit 1x nose wheel 3.50-4" RA-003 1x tire 4.00-4" 1x special axle	Idem 
Nose wheel Tailwheel				
Tires				
Axles				
Master Cylinders				
Limiters Anti-skid				
Parking Brake Valve				
Brake lines Fittings				
Spare Parts				
Tools				
BERINGER Technology				
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Other options : Wheel cap 6" BCH-003

8" wheels for DURO 21" and 27.5" tires available

Notes : If leaf gear is zicral, axles are special. Main wheel kit P/N is SSK03

Complete wheel/brake kits (Tires are indicated in the kits but they are not included in the price of the kit)

PA-18 (Piper)	Wheels / Brakes			History Values
PA-18 original LG 1.25" or 1.50"	STC-020.2 PA-18 1.25" original axle Kit 6" wheels	2x wheels 6.00-6" RF-015.1 2x brakes EA-003.8 2x adaptation parts for the LG 1.25" AV- CUB-332 2x heel brake master cylinders /levers/reservoirs AV-CUB-124		Contacts SensAIR
	STC-019.2 PA-18 1.25" original axle Kit 10" wheels	2x wheels 10" RF-024 2x brakes EA-010.1 2x adaptation parts for the LG 1.25" AV- CUB-331 2x heel brake master cylinders/levers/reservoirs AV-CUB-124		Complete Kits Landing Gear
	STC-020.1 PA-18 1.50" original axle Kit 6" wheels	2x wheels 6.00-6" RF-016 2x brakes EA-003.2 2x adaptation parts for the LG 1.50" AV- CUB-333 2x heel brake master cylinders /levers/reservoirs AV-CUB-124		Wheels Brakes Nose wheel Tailwheel
	STC-019.1 PA-18 1.50" original axle Kit 10" wheels	2x wheels 10" RF-024 2x brakes EA-010.1 2x adaptation parts for the LG 1.50" AV- CUB-330 2x heel brake master cylinders/levers/reservoirs AV-CUB-124		Tires Axles
PA-18 BERINGER ALG LG	STC-018.3 Kit 6" wheels ALG landing gear	2x wheels 6.00-6" RF-015.2 2x brakes EA-003.2 2x kits Axles LG-K-001 2x heel brake master cylinders /levers/reservoirs AV-CUB-124 1x ALG LG		Master Cylinders Limiters Anti-skid Parking Brake Valve
	STC-018.2 Kit 10" wheels ALG landing gear	2x wheels 10" RF-024 2x brakes EA-010.1 2x kit axle LG-K-003 2x heel brake master cylinders /levers/reservoirs AV-CUB-124 1x ALG LG		Brake lines Fittings Spare Parts

Complete wheel/brake kits (Tires are indicated in the kits but they are not included in the price of the kit)

History Values	PA-18 (Piper) Cleveland / Grove brakes	Brake controls				
Contacts		STC-016 Heel master cylinders	2x brake master cylinders	2x reservoirs		
SensAIR			2x Heel lever + brake master cylinders			
Complete Kits						
Landing Gear						
Wheels Brakes	PA-18 (Piper)	ALG landing gear				
Nose wheel Tailwheel		STC-018 + STC-018-AXLE2	1x ALG landing gear	2x LG-K-002 (kit : Axles 1.5" for 6" wheels ABI-Cleveland-Grove)		
Tires						
Axles						



→ [ALG in Alaska](#)

Complete wheel/brake kits (Tires are indicated in the kits but they are not included in the price of the kit)

PA-28 180/181 (Piper)	Wheels / Brakes	Nose Wheel Option	History Values
PA-28 180/181 	STC-014.2  STC 2x wheels 6.00-6" RF-006 2x brakes EA-003 2x axle/special parts 4x brake master cylinders MP-003.5 Hydraulic (brake lines/fittings)	1x nose wheel 6.00-6" RA-016.1 1x axle/special parts	Contacts SensAIR
PA-28 150/151/160/161 with wheel fairings 	STC-014.1  STC 2x wheels 6.00-6" RF-006 2x brakes EA-003 2x axle/special parts 4x brake master cylinders MP-003.5 Hydraulic (brake lines/fittings)	1x nose wheel 5.00-5" RA-014 1x axle/special parts	Complete Kits Landing Gear Wheels Brakes
PA-28 150/151/160/161 Without wheel fairings	STC-014.3  STC 2x wheels 6.00-6" RF-006 2x brakes EA-003 2x axle/special parts 4x brake master cylinders MP-003.5 Hydraulic (brake lines/fittings)	1x nose wheel 5.00-5" RA-014 1x axle/special parts	Nose wheel Tailwheel Tires

Note : the 3 kits include pilot and co-pilot brakes

PA-46 (Piper)	Wheels / Brakes	Nose Wheel Option	Sens'AIR option	
PA-46 310P/350P/350T 	STC-017.1  STC 2x wheels 6.00-6" RF-017 2x brakes EA-004.2 2x tires 6.00-6" 2x axle/special parts 4x brake master cylinders MP-001.2 Hydraulic (brake lines/fittings)	1x wheel 5.00-5" RA-014 1x tire 5.00-5"	TP-006 2x Sens'AIR - 6" wheel TP-005 1x Sens'AIR - 5" wheel  STC	Master Cylinders Limiters Anti-skid Parking Brake Valve
PA-46 500TP	STC-017.2  STC 2x wheels 6.00-6" RF-017 2x brakes EA-004.2L + EA-004.2R 2x tires 6.00-6" 2x axle/special parts 4x brake master cylinders MP-001.2 Hydraulic (brake lines/fittings)	1x wheel 5.00-5" RA-014 1x tire 5.00-5"	TP-006 2x Sens'AIR - 6" wheel TP-005 1x Sens'AIR - 5" wheel  STC	Brake lines Fittings Spare Parts Tools

Note : the 2 kits include pilot and co-pilot brakes



Complete wheel/brake kits (Tires are indicated in the kits but they are not included in the price of the kit)

History Values

Pataplume (JC Léger)

Wheels / Brakes



SPA01 2x wheels 4.00-6" RF-004 with wheel caps
 2x brakes EA-006
 2x tires 6.00-6"
 2x axles AV-PATA-001
 Brake master cylinders / reservoirs / anti-skid / hydraulic : contact us

Other options : Parking brake kit PKG01

Contacts

SensAIR

Complete Kits

Landing Gear

Wheels Brakes

Pégase (Centrair)

Wheel / Brake



STC-003 1x Wheel 5.00-5" RF-019
 1x Brake EA-006
 1x Tire 5.00-5"
 1x Axle/special parts
 1x Brake master cylinder MM-001 (parking brake FP-004 and reservoir)
 1x Pressure limiter LM-003
 Hydraulic (brake lines/fittings)



Nose wheel Tailwheel

Tires

Axles

Master Cylinders

Limiters Anti-skid

Parking Brake Valve

Pelican (Ultravia)

Wheels / Brakes



SPE01 2x wheels 6.00-6" RF-009 - 2x brakes EA-006
 2x axles AV-ZLIN-011+AV-PELI-001
 2x brake master cylinders MP-003.2 - 2x reservoirs HFA-01
 1x anti-lock regulator RE-001
 Hydraulic (brake lines/fittings)

Other options : Wheel cap : ask us - Parking brake valve kit FP-001 - Co-pilot brakes : COP03
Note : several types of tires available : ask us

Brake lines Fittings

Spare Parts

Tools

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Complete wheel/brake kits (Tires are indicated in the kits but they are not included in the price of the kit)

PC-6 (Pilatus)	Wheels/Brakes	Tailwheel	History Values	
	STC-002.1 12" wheels (pilot brakes) 	2x wheels 12" RF-003 2x brakes EA-001 2x special axles 2x brake master cylinders MP-001 1x anti-lock regulator RE-001 Hydraulic (brake lines/fittings)	1x wheel 5.00-4" RA-001 1x special axle	Contacts
	STC-002.2 12" wheels + co-pilot brakes 	Idem STC-002.1 and in addition : 2x brake master cylinders MP-001	1x wheel 5.00-4" RA-001 1x special axle	SensAIR
	STC-002.4 10" wheels (pilot brakes) 	2x wheels 10" RF-011 2x brakes EA-001 2x special axles 2x brake master cylinders MP-001 1x anti-lock regulator RE-001 Hydraulic (brake lines/fittings)	1x wheel 5.00-4" RA-001 1x special axle	Complete Kits
	STC-002.3 10" wheels + co-pilot brakes 	Idem STC-002.4 + 2x brake master cylinders MP-001	1x wheel 5.00-4" RA-001 1x special axle	Landing Gear

Note : to switch from pilot STC to co-pilot STC is possible

Wheels Brakes

Nose wheel Tailwheel

Tires

Axles

Master Cylinders

Limiters Anti-skid

Parking Brake Valve

Brake lines Fittings

Spare Parts

Tools

BERINGER Technology

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Complete wheel/brake kits (Tires are indicated in the kits but they are not included in the price of the kit)

History Values	Pietenpol	Wheels / Brakes			
Contacts		2x AV-PIET-020 6" spoke wheel Vintage	2x wheels 5.00-5" RF-019.4 /Aluminum wheel / stainless steel spokes 2x brakes EA-006 2x tires 3.50-19" (vintage style) For airplane < 500kg Weight : 9.12 kg (wheel+brake+tire+tube+spokes)		
SensAIR	Options : Wheel cap 6" BCH-003				
Complete Kits	Pioneer (Alpi Aviation)	Wheels / Brakes		Nose wheel Option	Landing gear Option
Landing Gear	Pioneer P200/300 Kite 	SPI01 2x wheels 4.00-6" RF-004 2x brakes EA-006 2x tires 4.00-6" 2x axles AV-ALPI-001/002 1x brake master cylinder MP-002.5 1x reservoir HFA01 1x pressure limiter LM-002 Hydraulic (brake lines/fittings)		SPI01A 1x wheel 3.50-4" RA-003 1x tire 4.00-4" 1x axle/special parts	Shock Wheel Ask us
Wheels Brakes	Pioneer P300 retractable LG 	SPI03 Idem SPI01 	Idem SPI01 	Idem SPI01A	
Nose wheel Tailwheel	Pioneer P400 	SPI02 2x wheels 5.00-5" RF-018 2x EA-002 2x tires 5.00-5"		4" Nose wheel kit 1x nose wheel 3.50-4" RA-003 1x tire 4.00-4" 1x axle AXP-003.1	
Tires	Other options : Wheel cap 6" BCH-003 - Co-pilot hand brake				
Axles	 2022 Catalogue Page 56				
Master Cylinders					
Limiters Anti-skid					
Parking Brake Valve					
Brake lines Fittings					
Spare Parts					
Tools					
BERINGER Technology					
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Complete wheel/brake kits (Tires are indicated in the kits but they are not included in the price of the kit)

Pitts	Wheels / Brakes	Rubber Tailwheel Option	History Values
<p>S1</p> 	<p>SPT02 2x wheels 5.00-5" RF-019 2x brakes EA-006 2x tires 5.00-5" 2x axles FUS-001.2 2x brake master cylinders MP-003.1 2x reservoirs RV-001 Hydraulic (brake lines/fittings)</p>	<p>AV-PIT-230 1x wheel RA-004.1 1x rubber tire 5.9" (150mm) interchangeable Spacers</p>	<p>Contacts</p> <p>SensAIR</p> <p>Complete Kits</p> <p>Landing Gear</p> <p>Wheels Brakes</p> <p>Nose wheel Tailwheel</p> <p>Tires</p> <p>Axles</p> <p>Master Cylinders</p> <p>Limiters Anti-skid</p> <p>Parking Brake Valve</p> <p>Brake lines Fittings</p> <p>Spare Parts</p> <p>Tools</p> <p>BERINGER Technology</p> <p>They trust us ...</p>
<p>S2/ Kristen Eagle</p> 	<p>SPS01 2x wheels 5.00-5" RF-018 2x brakes EA-002.2 2x tires 5.00-5" 2x axles FUS-009.2 2x brake master cylinders MP-003.3 2x reservoirs RV-001 1x anti-lock regulator RE-001 Hydraulic (brake lines/fittings)</p>	<p>AV-PIT-230 1x wheel RA-004.1 1x rubber tire 5.9" (150mm) interchangeable Spacers</p>	
	<p>Other options : Wheel cap 5" BCH-002 Parking brake valve kit PKG01 Anti-lock regulator kit RE-001 for Pitts S1 (included in the kit for Pitts S2/ Kristen Eagle) Rudder pedal co-pilot brakes (Pitts S2/ Kristen Eagle)</p>		
Query	Wheels / Brakes	Nose wheel Option	
	<p>SQU01 2x wheels 4.00-6" RF-004 2x brakes EA-006.2 - 2x tires 15x6.00-6" 2x axles FUS-001.2 2x brake master cylinder MP-003 2x reservoir RV-004.1 1x anti-lock regulator RE-001 Hydraulic (brake lines/fittings)</p>	<p>AV-QUE-030 1x nose wheel 3.50-4" RA-003 1x tire 4.00-4" 1x axle AV-QUE-001/002/003</p>	
<p>Other options : Parking brake valve kit FP-003</p>			

Complete wheel/brake kits (Tires are indicated in the kits but they are not included in the price of the kit)

- History Values
- Contacts
- SensAIR
- Complete Kits
- Landing Gear
- Wheels Brakes
- Nose wheel Tailwheel
- Tires
- Axles
- Master Cylinders
- Limiters Anti-skid
- Parking Brake Valve
- Brake lines Fittings
- Spare Parts
- Tools
- BERINGER Technology
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Coyote S6 / S7 (Rans)	Wheels / Brakes	Nose wheel or Tailwheel Option	Landing Gear Option
Coyote S6 recent type 	SRA02 2x wheels 6.00-6" RF-009 2x brakes EA-006 2x axles FUS-008 2x brake master cylinders MP-003 2x reservoirs RV-001 1x anti-lock regulator RE-001 Hydraulic (brake lines/fittings)	AV-RANS-030 (fork= 3.87"/97.6mm) 1x wheel 4.00-6" RA-009 1x tire 1x axle AV-RANS-002 or (for original axle screwed) AV-RANS-031 (fork= 6.14"/156mm) 1x wheel 4.00-6" RA-009 1x tire 1x axle AV-RANS-006/005 or TW-002 (GLR anti-groundloop tailwheel) 1x wheel 3.50-4" RA-003 1x tire 4.00-4" 1x tailwheel support 1x lever to lock/unlock	2x AV-RANS-320 Shock Wheel SPEED'AIR fairings 
Coyote S6 1er type 	SRA01 2x wheels 6.00-6" RF-009 2x brakes EA-006 2x axles AV-ZLIN-011/AV-RANS-001 2x brake master cylinders MP-003 2x reservoirs RV-001 1x anti-lock regulator RE-001 Hydraulic (brake lines/fittings)		
	SRA03 2x wheels 5.00-5" RF-019 2x brakes EA-006 2x tires 5.00-5" 2x axles FUS-001.2 2x brake master cylinders MP-003 2x reservoirs HFA01 1x anti-lock regulator RE-001 Hydraulic (brake lines/fittings)		
Other options : Wheel cap 6" BCH-002 Rudder pedal co-pilot brakes (except S7) Parking brake valve kit PKG01		Note : GLR anti-groundloop tailwheel installation may require some modifications. A GLR type with smaller wheel is also available (tire 2.80/2.50-4").	

Complete wheel/brake kits (Tires are indicated in the kits but they are not included in the price of the kit)

Savage Classic/Cub/Bobber/ Norden (Zlin Aviation)	Wheels / Brakes	Tailwheel Option	Landing gear Option	History Values	
Savage / Norden original Axle = \varnothing 0.98" (25mm)	SSA01 6" wheels For tires \leq 29"	2x wheels 6.00-6" RF-009 2x brakes EA-006 2x axles FUS-010.1/AV-ZLIN-301 2x brake master cylinders MP-002.1 2x reservoirs HFA01 1x anti-lock regulator RE-001 Hydraulic (brake lines/fittings)	TW-002 (GLR tailwheel) 1x wheel 3.50-4" RA-003 1x tire 4.00-4" 1x tailwheel support 1x lever to lock/unlock	ALG kit AV-ZLIN-120 BOBBER : AV-ZLIN-220	History Values Contacts SensAIR
	SSA02 6" wheels For tires $>$ 29"	Idem SSA01 except DUAL brakes : 2x DUAL brakes EA-006.10	Idem	Idem	Complete Kits Landing Gear
	SSA10 8" wheels	Idem SSA01 except 2x wheels 7.00-8" RF-028 2x brakes EA-006 2x axles AV-ZLIN-301/FUS-010	Idem		Wheels Brakes Nose wheel Tailwheel
	SSA07 8" wheels DUAL	Idem SSA01 except 2x wheels 7.00-8" RF-028 2x brakes EA-006.10 2x axles AV-ZLIN-301/FUS-010	Idem	Idem	Tires Axles
	S10C 10" wheels	2x wheels 8.50-10" RF-024 2x brakes EA-010.1 2x axles FUS-014.3 2x wheel caps BCH-001	Idem	Idem	Master Cylinders Limiters Anti-skid
This 10" wheel kit can equip a Savage already fitted with BERINGER brake master cylinders. Caution : you must make sure that the steel axle is T3 pattern as well as any other leaf gear.					Parking Brake Valve
Other options : Wheel cap 6" BCH-002 Parking brake valve kit PKG01 (to be confirmed depending on the location) Rudder pedal co-pilot brakes COPO3 Axle kit for Datum skis : SD2000 (FUS-015+AV-ZLIN-020)			Note : The diameter of the original axle must be check.		Brake lines Fittings
					Spare Parts
					Tools
					BERINGER Technology
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More types following page ...

Complete wheel/brake kits (Tires are indicated in the kits but they are not included in the price of the kit)

- History Values
- Contacts
- SensAIR
- Complete Kits
- Landing Gear
- Wheels Brakes
- Nose wheel Tailwheel
- Tires
- Axles
- Master Cylinders
- Limiters Anti-skid
- Parking Brake Valve
- Brake lines Fittings
- Spare Parts
- Tools
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Savage Classic/Cub/Bobber/ Norden (Zlin Aviation)

Savage
original Axle = \varnothing 0.77" (19.5mm)



Savage with ALG landing gear



Wheels / Brakes	Tailwheel Option	Landing gear Option
SSA05 6" wheels For tires \leq 29"	2x wheels 6.00-6" RF-009 2x brakes EA-006 2x axles AV-ZLIN-010/011 2x brake master cylinders MP-002.1 2x reservoirs HFA01 1x anti-lock regulator RE-001 Hydraulic (brake lines/fittings)	TW-002 (GLR tailwheel) 1x wheel 3.50-4" RA-003 1x tire 4.00-4" 1x tailwheel support 1x lever to lock/unlock
SSA06 6" wheels For tires $>$ 29"	Idem SSA05 except : 2x DUAL brakes EA-006.10	Idem
SSA9 8" wheels DUAL	Idem SSA05 except : 2x wheels 7.00-8" RF-028 2x brakes EA-006.10	Idem
SSA03 6" wheels For tires \leq 29"	Idem SSA05 except : 2x axles FUS-010.1	Idem
SSA04 6" wheels For tires $>$ 29"	Idem SSA05 except : 2x DUAL brakes EA-006.10 2x axles FUS-010.1	 
SSA08 8" wheels For tires $>$ 29"	Idem SSA05 except : 2x wheels 7.00-8" RF-028 2x brakes EA-006.10	

Other options : Wheel cap 6" BCH-002
Parking brake valve kit PKG01 (to be confirmed depending on the location)
Rudder pedal co-pilot brakes COPO3
Axle kit for Datum skis : SD2000 (FUS-015+AV-ZLIN-020)

Note : The diameter of the original axle must be check.

Complete wheel/brake kits (Tires are indicated in the kits but they are not included in the price of the kit)

Savannah Ventura (ICP)	Wheels / Brakes	Nose wheel or Tailwheel Option	Landing gear Option	History Values	
	SSV01 Tires < 26" Rudder pedal brakes	2x wheels 6.00-6" RF-009 2x brakes EA-006 2x tires 15x6.00-6" 2x axles/special parts 2x brake m. cylinders MP-002.3 2x reservoirs HFA01E 1x anti-lock regulator RE-001 Hydraulic (brake lines/fittings)	SSV01A (fork 210mm) or SSV02A (fork 156mm) or AV-SVNA-032 (fork 146mm) 1x wheel 4.00-6" RA-009 1x tire 15x6.00-6" (large fork) or 4.00-6" (narrow fork) 1x axle special parts AV-SVNA-032 = Axle AV-SVNA-012/013 or TW-002 (GLR anti-groundloop tailwheel) 1x wheel 3.50-4" RA-003 - 1x tire 4.00-4" 1x tailwheel support 1x lever to lock/unlock	2x AV-SVNA-320 Shock Wheel kit AV-SVNA-120 ALG kit + AV-SVNA-130 fuselage kit	Contacts SensAIR Complete Kits Landing Gear Wheels Brakes
		SSV02 Tires < 26" Hand brake	Idem SSV01 except : 1x brake m. cylinder MM-001 (reservoir + park. brake FP-004) 1x pressure limiter LM-002	SSV01A (Nose wheel kit - large fork)	2x AV-SVNA-320 Shock Wheel kit Tires Axles
	SSV03 Tires >26" DUAL brake	SSV01 - SSV03 DUAL brakes 2x EA-006.11	SSV01A (Nose wheel kit - large fork)		Master Cylinders Limiters Anti-skid Parking Brake Valve
Ventura VLA 	SSV05 2x wheels 6.00-6" RF-015.2 2x brakes EA-003.2 2x tires 6.00-6" 2x axles AV-SVNA-006.3/007.3 2x brake m. cylinders MP-002.10 2x reservoirs RV-001 1x anti-lock regulator RE-001 Hydraulic (brake lines/fittings)	SSV01A (6" wheel) 1x wheel 4.00-6" RA-009 1x tire 15x6.00-6" 1x axle AV-SVNA-001/002 or AV-SVNA-430 (5" wheel) 1x wheel 5.00-5" RA-014 1x tire 5.00-5" - 1x axle AV-SVNA-401/402	AV-SVNA-430 (5" wheel) 1x wheel 5.00-5" RA-014 1x tire 5.00-5" - 1x axle AV-SVNA-401/402	Brake lines Fittings Spare Parts Tools	

NEW : 8" wheels and different types of tires now available (same axle)

Other options : Yankee lever for pilot/co pilot brakes (hand brake)

Wheel cap 6" BCH-002 or BCH-004 - Parking brake valve kit

Rudder pedal co-pilot brakes

Notes : the ALG can be mounted only on taildragger. Nose wheel Aircraft use Shock Wheels.

DATUM skis can be fitted with special axles.

Yankee Brake lever
AV-SVNA-040



Complete wheel/brake kits (Tires are indicated in the kits but they are not included in the price of the kit)

History Values

Samba XXL (Urban Air)



Wheels / Brakes

SBA01 2x wheels 4.00-6" RF-004 - 2x brakes EA-006.4 - 2x tires 4.00-6"
2x axles FUS-001.4 - 1x brake master cylinder MM-001
(reservoir + parking brake FP-004)
1x pressure limiter LM-002 - Hydraulic (brake lines/fittings)

Other options : Co-pilot hand brake

Contacts

SensAIR

Complete Kits

Landing Gear

Seamax M22 (Seamax)



Wheels / Brakes

SSEA01 2x wheels 4.00-5" RF-020W - 2x brakes EA-006 - 2x tires 11-4.00-5"
2x axles FUS-005.1 + AV-SEAM-001
2x brake master cylinders MP-003.1E + 2x reservoirs RV-001
Hydraulic (brake lines/fittings)

Other options : Wheel cap 5" BCH-002 - Parking brake valve kit PKG01E
Note : Stainless steel bearings

Wheels Brakes

Nose wheel Tailwheel

Tires

Axles

Sherwood Ranger (TLAC)



Wheels / Brakes

SSH01 2x wheels 4.00-6" RF-004 - 2x brakes EA-006.1 - 2x tires 21x8.00-6"
2x axles AV-SHEW-001/002 - 1x brake master cylinder MM-001
(reservoir + parking brake FP-004)
1x pressure limiter LM-002 - Hydraulic (brake lines/fittings)

Other options : Co-pilot hand brake

Master Cylinders

Limiters Anti-skid

Parking Brake Valve

Brake lines Fittings

Spare Parts

Tools

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Sila UL450 (Aero East Europe)



Wheels / Brakes

SLI01 2x wheels 4.00-6" RF-004 - 2x brakes EA-006
2x tires 15x6.00-6" - 2x axles FUS-001.1
1x brake master cylinder MP-004.3
1x reservoir RV-001 - 1x pressure limiter LM-002
Hydraulic (brake lines/fittings)

Nose wheel Option

Nose wheel kit 6"
1x wheel 4.00-6" RA-009
1x tire 15x6.00-6"
1x axle AV-SPOOL-001 / AV-GUN-001

Other options : Wheel cap 6" BCH-003

Complete wheel/brake kits (Tires are indicated in the kits but they are not included in the price of the kit)

Sinus/Virus (Pipistrel)	Wheels / Brakes	Nose wheel / Tailwheel Option	Landing gear Option	History Values
	SPP01 2x wheels 4.00-6" RF-004 2x brakes EA-006 2x tires 4.00-6" 2x axles AV-PIP-102 2x brake master cylinders MP-002.5 2x reservoirs HFA01 1x anti-lock regulator RE-001 Hydraulic (brake lines/fittings)	SPP01A (nose wheel kit) 1x wheel 3.50-4" RA-003 - 1x tire 4.00-4" 1x axle AXP-003.1 or AV-PIP-631 (fork=5.12"/130mm) 1x wheel 3.50-4" RA-003 - 1x tire 4.00-4" 1x axle AXP-003.1+AV-PIP-601 or AV-PIP-930 (fork=4.45"/113mm) 1x wheel 3.50-4" RA-003 - 1x tire 4.00-4" 1x axle AV-PIP-901/902 or JC-01 Tailwheel kit 1x wheel and tire 200x50 -1x special spacers	AV-PIP-320 Shock Wheel SPEED'AIR fairings 	Contacts SensAIR Complete Kits Landing Gear Wheels Brakes

Other options : Wheel cap 6" BCH-003 - Parking brake valve kit SPP01P - Rudder pedal co-pilot brakes

Sirocco MJ5 (Marcel Jurka Aviation)	Wheels / Brakes
	SSI01 2x wheels 6.00-6" RF-006 - 2x brakes EA-003 - 2x tires 15x6.00-6" 2x axles FUS-007.22 + support to weld 1x brake master cylinder MP-003 / Parking brake valve FP-001 2x reservoirs RV-001 - 1x anti-lock regulator RE-001 Hydraulic (brake lines/fittings)

- Nose wheel Tailwheel
- Tires
- Axles
- Master Cylinders
- Limiters Anti-skid

Skylane (Air Lony)	Wheels / Brakes	Nose wheel Option	Landing gear Option
	SSK05 Recent plane SSK02 First type 2x wheels 4.00-6" RF-004 2x brakes EA-006 - 2x tires 4.00-6" 2x FUS001.13 (SSK05) or 2x axles FUS-001.1 (SSK02) 2x brake master cylinders MP-002.1 2x reservoirs HFA01 1x anti-lock regulator RE-001 Hydraulic (brake lines/fittings)	SST07A 1x wheel 3.50-4" RA-003 1x tire 4.00-4" 1x axle AXP-003.1/BGE-007	AV-SKYN-120 Shock Wheel SPEED'AIR fairings 

Other options : Wheel cap 6" BCH-003 - Parking brake valve kit SPP01P-E
Rudder pedal co-pilot brakes

- Parking Brake Valve
- Brake lines Fittings
- Spare Parts
- Tools
- BERINGER Technology
- They trust us ...



Complete wheel/brake kits (Tires are indicated in the kits but they are not included in the price of the kit)

History Values

Contacts

SensAIR

Complete Kits

Landing Gear

Wheels Brakes

Nose wheel Tailwheel

Tires

Axles

Master Cylinders

Limiters Anti-skid

Parking Brake Valve

Brake lines Fittings

Spare Parts

Tools

BERINGER Technology

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Skylark (Dova Aircraft)



Wheels / Brakes

SDO01 2x wheels 4.00-6" RF-004
 2x brakes EA-006.1
 2x tires 15x6.00-6"
 2x axles FUS001.1 + AV-ATEC-001/002
 1x brake master cylinder MM-001/reservoir/Parking
 brake valve FP-004
 1x limiter LM-002
 Hydraulic (brake lines/fittings)

Nose Wheel Option

AV-DOV-030
 1x wheel 4.00-6" RA-009
 1x tire 4.00-6"
 1x axle AV-DOV-003/004

Other options : Wheel cap 6" BCH-003 - Co-pilot brakes COP04

Skyleader 150/200 (Skyleader)



Wheels / Brakes

SSL01 2x wheels 4.00-5" RF-020 - 2x brakes EA-006
 2x tires 11x4.00-5"
 2x axle/special parts
 1x brake master cylinder MM-001
 (reservoir + parking brake FP-004
 1x pressure limiter LM-002
 Hydraulic (brake lines/fittings)

Nose wheel Option

SSL01A
 1x wheel 3.50-4" RA-003
 1x tire 4.00-4"
 1x axle AV-SKYL-003/AXP-003.1/BGE-007

Other options : Wheel cap 5" BCH-002 - Rudder pedal co-pilot brakes

Note : SL400 : contact us



Souris Bulle MB-04 (Avions Michel Barry)



Wheels / Brakes

Kit 2x wheels 6.00-6" RF-009
 6" wheels 2x brakes EA-006
 2x tires 22"
 2x axles FUS-010.1
 1x brake master cylinder cable MM-002
 1x reservoir HFA01
 1x pressure regulator RE-002E/AV-SCHE-208
 Hydraulic (brake lines/fittings)

Nose wheel Option

TW-002
 (GLR anti-groundloop tailwheel)
 1x wheel 3.50-4" RA-003
 1x tire 4.00-4"
 1x tailwheel support
 1x lever to lock/unlock

Landing gear Option

ALG : ask us

Other options : Wheel cap 6" BCH-002 - Differential brake on rudder pedal is available

Complete wheel/brake kits (Tires are indicated in the kits but they are not included in the price of the kit)

Sparviero (Freccia)	Wheels / Brakes		History Values
	SPRO01 2x wheels 4.00-6" RF-004 - 2x brakes EA-006 2x tires 15x6.00-6" - 2x axles AV-PROM-002 2x brake master cylinders MP-002/PGT-002 - 2x reservoirs HFA-01 1x anti-lock regulator RE-001 Hydraulic (brake lines/fittings)		Contacts
Other options : Wheel caps : BCH-003 - Co-pilot rudder brakes : COP03			SensAIR
			Complete Kits
Speed Cruiser (BOT Aircraft)	Wheels / Brakes	Nose wheel Option	Landing Gear
	SBT01 2x Wheels 4.00-6" RF-004 - 2x brakes EA-006.1 2x tires 4.00-6" - 2x axles AV-BOT-001+FUS-001.1 1x brake master cylinders MM-001/reservoirs/parking valve FP-004 1x limiter LM-002 - Hydraulic (brake lines/fittings)		Wheels Brakes
			Nose wheel Tailwheel
			Tires
Sportcruiser (Czech Sport Aircraft)	Wheels / Brakes	Nose wheel Option	Axles
	SSC02 2x wheels 5.00-5" RF-019 - 2x brakes EA-006 2x tires 5.00-5" - 2x axles FUS-001.2 2x brake master cylinders MP-002.3 2x reservoirs HFA01 1x anti-lock regulator RE-001 Hydraulic (brake lines/fittings)		Master Cylinders
Other options : Wheel cap 5" BCH-002 - Rudder pedal co-pilot brakes - Parking brake valve kit PKG01			Limiters Anti-skid
			Parking Brake Valve
Sportstar (Evektor)	Wheels / Brakes	Nose wheel Option	Landing gear Option
	SEU01 2x wheels 4.00-6" RF-004 - 2x brakes EA-006 2x tires 15X6.00-6" - 2x axles FUS-001.3 2x brake master cylinders MP-002.3 2x reservoirs HFA01 - 1x anti-lock reg. RE-001 Hydraulic (brake lines/fittings)		Brake lines Fittings
Other options : Wheel cap 6" : BCH-003 - Rudder pedal co-pilot brakes - Parking brake valve kit PKG01			Spare Parts
			Tools
			BERINGER Technology
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Complete wheel/brake kits (Tires are indicated in the kits but they are not included in the price of the kit)

History Values

Contacts

SensAIR

Complete Kits

Landing Gear

Wheels Brakes

Nose wheel Tailwheel

Tires

Axles

Master Cylinders

Limiters Anti-skid

Parking Brake Valve

Brake lines Fittings

Spare Parts

Tools

BERINGER Technology

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SQ (Backcountry)



Wheels / Brakes

SSQB01 (10") 2x wheels 8.50-10 RF-024
 2x brakes EA-010.1 (1.5" original axles)
 2x brake master cylinders MP-003
 2x reservoirs RV-001
 2x wheel cap
 Hydraulic (brake lines/fittings)

Note : 6" wheel kit also available. Ask us



Stampe SV4 (Ultralight Concept)



Wheels / Brakes

STA01 2x wheels 4.00-6" RF-0004.1
 2x brakes EA-006
 2x tires 4.00-6"
 2x axle av-stamp-001/002
 1x brake master cylinder MM-001 (reservoir + parking brake FP-004
 1x pressure limiter LM-002
 Hydraulic (brake lines/fittings)

Tailwheel Option

AV-STAMP-030
 1x wheel 200-500 RA-004
 1x tire 200x50 (tire +tube)
 Special parts
 GLR anti-groundloop tailwheel : ask us

Landing Gear Option

AV-STAM-120
 ALG landing gear

Other options : Wheel cap 6" BCH-003 - Co-pilot hand brake COP04

Notes : 8" wheels available for DURO tires 21" or 27.5" : contact us



Complete wheel/brake kits (Tires are indicated in the kits but they are not included in the price of the kit)

Sting Carbon (TL Ultralight)	Wheels / Brakes	Nose wheel Option	History Values	
 	SSC01	2x wheels 4.00-5" RF-020 - 2x brakes EA-006 2x tires 11x4.00-5" 2x axle/special parts 2x brake master cylinders MP-002.5 2x reservoirs HFA01 1x anti-lock regulator RE-001 Hydraulic (brake lines/fittings)	SCC01A 1x wheel 3.50-4" RA-003 1x tire 4.00-4" 1x axle/special parts or AV-STING-032 (fork 145mm) 1x wheel 3.50-4" RA-003 1x axle AV-STING-011/012	Contacts
	SSC03 or SSC04 (leaf gear=36mm)	2x wheels 4.00-6" RF-004 - 2x brakes EA-006 2x tires 4.00-6" 2x axles/special parts or 2x FUS001.1 + spacer (leaf gear = 36mm) 2x brake master cylinders MP-002.5 2x res. HFA01 - 1x anti-lock regulator RE-001 Hydraulic (brake lines/fittings)		SensAIR
	SSC05 (leaf gear : special drilling)	2x wheels 4.00-6" RF-004 - 2x brakes EA-006.7 2x tires 4.00-6" - 2x axles FUS-001.7 2x brake master cylinders MP-002.5 2x res. HFA01 - 1x anti-lock regulator RE-001 Hydraulic (brake lines/fittings)	AV-STING-031 1x wheel 4.00-6" RA-009 1x tire 4.00-6" 1x axle AV-STING-008/009 + AV-STING-006.1	Complete Kits
	SSC06 (leaf gear 31mm + fairings)	2x wheels 4.00-6" RF-004 - 2x brakes EA-006.1 2x tires 4.00-6" 2x axles AV-AUTO-007+FUS-001.1 2x brake master cylinders MP-002.5 2x reservoirs HFA01 1x anti-lock regulator RE-001 Hydraulic (brake lines/fittings)	AV-STING-031 1x wheel 4.00-6" RA-009 1x tire 4.00-6" 1x axle AV-STING-008/009 + AV-STING-006.1	Landing Gear
	SSC07	2x wheels 4.00-6" RF-004 - 2x brakes EA-006.7 2x tires 15x6-00-6" - 2x axles FUS-001.7 2x brake master cylinders MP-002.7 2x res. HFA01 - 1x anti-lock regulator RE-001 Hydraulic (brake lines/fittings)	AV-STING-031 1x wheel 4.00-6" RA-009 1x tire 4.00-6" 1x axle AV-STING-008/009 + AV-STING-006.1	Wheels Brakes
				Nose wheel Tailwheel
TL 3000-Sirius			Tires	
			Axles	
			Master Cylinders	
			Limiters Anti-skid	
			Parking Brake Valve	
			Brake lines Fittings	
			Spare Parts	
			Tools	
			BERINGER Technology	
			They trust us ...	

Other options : Wheel cap 5" or 6" BCH-002 - Rudder pedal co-pilot brakes - PKG brake valve kit PKG01
Note : Ask us : dimension and drawing of the spring leaves must be checked.

Complete wheel/brake kits (Tires are indicated in the kits but they are not included in the price of the kit)

History Values

Contacts

SensAIR

Complete Kits

Landing Gear

Wheels Brakes

Nose wheel Tailwheel

Tires

Axles

Master Cylinders

Limiters Anti-skid

Parking Brake Valve

Brake lines Fittings

Spare Parts

Tools

BERINGER Technology

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Storch (Fly Synthesis)	Wheels / Brakes	Nose wheel Option
	<p>SFS01 2x wheels 4.00-6" RF-004 2x brakes EA-006 2x tires 13x5.00-6" 2x axles FUS-001.5 1x lever+brake master cylinder MP-004.6 + MP-002.8 (parking brake) 1x reservoir RV---004.1 1x pressure limiter LM-002 Hydraulic (brake lines/fittings)</p>	<p>AV-FLIG-031 1x wheel 3.50-4" RA-003 1x tire 4.00-4" 1x axle AXP-003.1/BGE-007 or 6" wheel kit 1x wheel 4.00-6" RA-009 1x tire 6.00-6" 1x axle AV-FLIG-001/002/003</p>

Other options : Wheel cap 6" BCH-003 **Note :** tell us if original brakes are drum brakes

Storch (Fieseler)	Wheels / Brakes
	<p>SSTO01 2x wheels 4.00-6" RF-004 1" axle 2x brakes EA-006.1 25.4mm 2x axles FUS-001.1+AV-STOR-001</p>

Note : tires : ask us

Storm (Century)	Wheels / Brakes	Nose wheel Option	Landing gear Option
	<p>STR01 2x wheels 4.00-6" RF-004 2x brakes EA-006 2x tires 4.00-6" 2x axles FUS-001.1 1x brake master cylinder MP-002.5 1x reservoir HFA01 1x pressure limiter LM-001 Hydraulic (brake lines/fittings)</p>	<p>STR01A 1x wheel 4.00-6" RA-009 1x tire 4.00-6" 1x axle AV-SPOOL-101 + AV-DYNA-006/007</p>	<p>Shock Wheel : ask us</p>

Other options : Wheel cap 6" BCH-003

Complete wheel/brake kits (Tires are indicated in the kits but they are not included in the price of the kit)

Super Guépard (Aero Super Guépard)	Wheels / Brakes	Nose wheel Option	Landing gear Option
	SGU01 2x wheels 4.00-6" RF-004 - 2x brakes EA-006 2x tires 4.00-6" 2x axles AV-BOT-001/FUS-001.1/AV-GUE-001 1x brake master cylinder MM-001 (reservoir + parking brake FP-004) 1x pressure limiter LM-002 Hydraulic (brake lines/fittings)	Ask us	TL-003.1+AV-GUE-001 B'FleX landing Gear Shock Wheel : ask us

Other options : Wheel cap 6" BCH-003 - Co-pilot hand brake

Note : caution, there are several original LG : ask us to make sure of the correct dimensions.

Superstol / Superstol XL (Just Aircraft)	Wheels / Brakes
	SSJ01 2x wheels 6.00-6" RF-014 - 2x Dual brakes EA-006.2 6" wheels 2x axles FUS-012 4x brake master cylinders MP-003.9 - 2x reservoirs RV-001 1x anti-lock regulator RE-001 Hydraulic (brake lines/fittings)
	SSJ03 Idem SSJ01 except : 8" wheels 2x wheels 7.00-8" RF-028

Other options : Wheel cap 6" BCH-002 - Parking brake valve kit PKGO1

Note : Rudder pedal co-pilot brakes

Swift S1 Glider (M&M)	Wheel / Brake
	SWI02 1x Wheel 4.00-5" RF-021 1x Brake EA-002 1x Tire 336x115-5" 1x Axle/special parts 1x Lever MP-004.1 and brake master cylinder MP-002.3 1x Reservoir RV-004.1 1x Pressure limiter LM-002 Hydraulic (brake lines/fittings)

Note : non certified kit

- History Values
- Contacts
- SensAIR
- Complete Kits
- Landing Gear
- Wheels Brakes
- Nose wheel Tailwheel
- Tires
- Axles
- Master Cylinders
- Limiters Anti-skid
- Parking Brake Valve
- Brake lines Fittings
- Spare Parts
- Tools
- BERINGER Technology
- They trust us ...

Complete wheel/brake kits (Tires are indicated in the kits but they are not included in the price of the kit)

- History Values
- Contacts
- SensAIR
- Complete Kits
- Landing Gear
- Wheels Brakes
- Nose wheel Tailwheel
- Tires
- Axles
- Master Cylinders
- Limiters Anti-skid
- Parking Brake Valve
- Brake lines Fittings
- Spare Parts
- Tools
- BERINGER Technology
- They trust us ...

Tecnam		Wheels / Brakes	Nose Wheel Option	Landing gear Option
P2002	STP05	2x wheels 5.00-5" RF-019 2x brakes EA-006 2x tires 5.00-5" - 2x axles FUS-001.5 1x brake m. cylinder MP-003 +extender 1x reservoir HFA01 1x pressure limiter LM-002 Hydraulic (brake lines/fittings)	STP02A 1x nose wheel 5.00-5" RA-014 1x tire 5.00-5" 1x axle AV-TECN-005/006	
				
P2008	STP02	2x wheels 5.00-5" RF-019 2x brakes EA-002N 2x tires 5.00-5" 2x axles AV-TEC+200 1x brake master cylinder MP-003 Hydraulic (brake lines/fittings)	STP02A 1x nose wheel 5.00-5" RA-014 1x tire 5.00-5" - 1x axle AV-TECN-005/006 or AV-TEC-231 fork = 5.06" (128.5mm) 1x wheel 4.00-6" RA-009 - 1x tire 6.00-6" 1x axle AV-TEC-205/206 or AV-TEC-232 fork=5.41" (140mm) 1x wheel 4.00-6" RA-009 - 1x tire 4.00-6" 1x axle AV-TEC-203/207/208	
				
P92	STP01 (5" school use) or STP03 (6" private use)	2x wheels 5.00-5" RF-019 or 2x wheels 4.00-6" RF-004 2x brakes EA-006 2x tires 5.00-5" or 4.00-6" 2x axles FUS-001.5 1x brake m. cylinder MP-003 + AV-TECN-003 1x reservoir HFA01 1x pressure limiter LM-002 Hydraulic (brake lines/fittings)	STP02A (5") 1x nose wheel 5.00-5" RA-014 1 tire 5.00-5" - 1x axle AV-TECN-005/006 STP03A (6") - ask us 1x wheel 4.00-6" RA-009 1x tire 4.00-6" - 1x axle AV-TECN-001/002 or AV-TEC-231 fork = 5.41" (137.5mm) 1x wheel 4.00-6" RA-009 1x tire 4.00-6" - 1x axle AV-TEC-601/602 or AV-TEC-630 fork = 5.41" (137.5mm) 1x wheel 3.50-4" RA-003 1x tire 4.00-4" - 1x axle AV-TEC-610/611	Shock Wheel kit 2x AV-TEC-520 SPEED'AIR fairings
				
P96	STP04	2x wheels 5.00-5" RF-019 - 2x brakes EA-006 - 2x tires 5.00-5" 2x axles FUS-001.5 1x brake master cylinder MP-003/AV-TECN-004 + 1x reservoir HFA01 1x pressure limiter LM-002 Hydraulic (brake lines/fittings)	STP04A 1x nose wheel 5.00-5" RA-014 1x tire 5.00-5" 1x axle AV-TEC-201/202/203	Shock Wheel kit 2x AV-TEC-520 SPEED'AIR fairings
				

Other options :
wheel cap 6"and 5" BCH-002

Complete wheel/brake kits (Tires are indicated in the kits but they are not included in the price of the kit)

Tetras (Humbert Aviation)	Wheels / Brakes	Tail wheel option	Landing gear Option
	STE01 2x wheels 6.00-6" RF-009 - 2x brakes EA-006 2x tires 15x6.00-6" - 2x axles AV-HUM-001 1x brake master cylinder MM-001 (reservoir + parking brake FP-004) 1x pressure limiter LM-002 - Hydraulic (brake lines/fittings)	AV-HUM-030 1x wheel 3.50-4 1x axle AXP-003.12 Tire : ask us	Shock Wheel Ask us
	STE03 Idem STE01 except : New LG 2x brakes EA-006.1 2x axles AV-HUM-007/009	Idem	

Other options : Wheel cap 6" BCH-002 - Co-pilot hand brake MM-003
Notes : For Datum skis installation, order the wheel/brake kit STE02 with special axles.
 8" wheels for DURO 21" and 27.5" tires also available, ask us

Texan (Fly Synthesis)	Wheels / Brakes	Nose wheel Option
	SFS02 2x wheels 4.00-6" RF-004 - 2x brakes EA-006 Fixed LG 2x tires 13x5.00-6" - 2x axles FUS-001.5 1x lever +brake master cylinder MP-004.6 + MP-002.8 1x reservoir RV-004.1 - 1x pressure limiter LM-002 Hydraulic (brake lines/fittings)	AV-TXA-030 1x wheel 4.00-5" RA-015 1x tire 11x4.00-5" 1x axle AXP-007.2 +BGE-042.2
	Other options : Wheel cap 6" BCH-003	

Topaz/Junior (EKOLOT)	Wheels / Brakes	Nose wheel Option	Landing gear Option
 	SEK01 2x wheels 4.00-6" RF-004 2x brakes EA-006 2x tires 4.00-6" 2x axles AV-EKOL-001/002 1x brake master cylinder MM-001 (reservoir + parking brake FP-004) 1x pressure limiter LM-001 Hydraulic (brake lines/fittings)	SEK02A (narrow fork) 1x wheel 4.00-6" RA-009 1x tire 4.00-6" 1x axle AV-EKOL-003 or SEK01A (large fork) 1x wheel 4.00-6" RA-009 1x tire 4.00-6" 1x axle AV-EKOL-009	Shock Wheel AV-EKOL-120 (If already equipped with BERINGER wheels, axle must be changed) SPEED'AIR fairings
	Other options : Wheel cap 6" : BCH-003 Co-pilot brake kit		

History Values
Contacts
SensAIR
Complete Kits
Landing Gear
Wheels Brakes
Nose wheel Tailwheel
Tires
Axles
Master Cylinders
Limiters Anti-skid
Parking Brake Valve
Brake lines Fittings
Spare Parts
Tools
BERINGER Technology
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Complete wheel/brake kits (Tires are indicated in the kits but they are not included in the price of the kit)

History Values

Contacts

SensAIR

Complete Kits

Landing Gear

Wheels Brakes

Nose wheel Tailwheel

Tires

Axles

Master Cylinders

Limiters Anti-skid

Parking Brake Valve

Brake lines Fittings

Spare Parts

Tools

BERINGER Technology

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Trail/G70 (Nando Groppo)



Wheels / Brakes	Tailwheel Option	Landing gear Option
-----------------	------------------	---------------------

SNG01 2x wheels 6.00-6" RF-009
6" wheels 2x brakes EA-006 - 2x tires 15x6.00-6"
2x axles FUS-010.5
2x brake master cylinders MP-003.2
2x reservoirs HFA01
1x anti-lock regulator RE-001
Hydraulic (brake lines/fittings)

TW-001 (GLR tailwheel)
1x wheel 3.50-4" RA-003
1x tire 2.80/2.50-4"
1x tailwheel support
1x lever to lock/unlock

Shock Wheel
2x AV-GROP-220
ALG landing gear:
AV-GROP-120
+ fuselage kit
AV-GROP-130

SNG03 Idem SNG01 except :
8" wheels 2x wheels 6.00-6" RF-028 - 2x EA-006.5
DURO tires 21" or 27.5" (not included)

Other options : Wheel cap 6" BCH-002 (included in SNG03) - Parking brake valve kit PKG01
Notes : Bigger main wheel tires are available. In that case, the GLR tailwheel kit must be TW-002 (4.00-4" tire).

Leaf gear must be changed and some adaptation must be done. Ask us.



Twin Otter DHC-6 (Viking Air)



Nose Wheel Option

STC-008
C_{STC}

Nose wheel kit
1x wheel 8.9x12.5" RA-008
1x axle AV-DEH-001/002/003

Vampire Century (Flying Machine)



Wheels / Brakes	Nose wheel Option
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SVA01 2x wheels 4.00-6" RF-004
2x brakes EA-006
2x tires 4.00-6"
2x axles AV-FUS-001.4+AV-SPOOL-006
1x brake master cylinder MM-001 (parking brake FP-004 and reservoir)
1x pressure limiter LM-002
Hydraulic (brake lines/fittings)

VA01A
1x wheel 4.00-6" RA-009
1x tire 4.00-6"
1x axle AV-SPOOL-001/AV-DYNA-006/007

Other options :

- Wheel cap 6" BCH-003
- Co-pilot brake kit
- Parking brake valve kit PKG01

Note : drilling of the spring leaf must be validated

Complete wheel/brake kits (Tires are indicated in the kits but they are not included in the price of the kit)

Van's	Brake controls - Wheels / Brakes	Nose wheel / Tailwheel Option								
RV3 	SRVCO03 5" Wheel /brake complet kit 2x wheels 5.00-5" RF-022 2x brakes EA-002 2x tires 11x4.00-5" 2x brake master cylinders frein MP-002.6 2x axles AV-VANS-002/005/003 Hydraulic (brake lines/fittings)	AV-VANS-030 1x tailwheel RA-004.1 1x rubber tire 5.9" (150mm) 1x spacer set								
RV4/6/7/8/9/10/12/14 (including A types) 	<p>Notes : for a complete installation (with rudder pedal brakes), you must order a fuselage kit + a finish kit. The option included in each fuselage kit are described underneath. RV14 : ready to mount brake lines are also available. Ask us</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="background-color: #f2f2f2;">SRVFO01 Fuselage kit</td> <td>2x brake master cylinders MP-002.5 Hydraulic (brake lines/fittings)</td> </tr> <tr> <td style="background-color: #f2f2f2;">SRVFO02 Fuselage kit + co-pilot brakes</td> <td>4x brake master cylinders MP-002.5 Hydraulic (brake lines/fittings)</td> </tr> <tr> <td style="background-color: #f2f2f2;">SRVFO03 Fuselage kit + parking brake</td> <td>2x brake master cylinders MP-002.5 1x parking brake SRVFO07 Hydraulic (brake lines/fittings)</td> </tr> <tr> <td style="background-color: #f2f2f2;">SRVFO04 Fuselage kit + co-pilot brakes + parking brake</td> <td>4x brake master cylinders MP-002.5 1x parking brake SRVFO07 Hydraulic (brake lines/fittings)</td> </tr> </table>	SRVFO01 Fuselage kit	2x brake master cylinders MP-002.5 Hydraulic (brake lines/fittings)	SRVFO02 Fuselage kit + co-pilot brakes	4x brake master cylinders MP-002.5 Hydraulic (brake lines/fittings)	SRVFO03 Fuselage kit + parking brake	2x brake master cylinders MP-002.5 1x parking brake SRVFO07 Hydraulic (brake lines/fittings)	SRVFO04 Fuselage kit + co-pilot brakes + parking brake	4x brake master cylinders MP-002.5 1x parking brake SRVFO07 Hydraulic (brake lines/fittings)	 
SRVFO01 Fuselage kit	2x brake master cylinders MP-002.5 Hydraulic (brake lines/fittings)									
SRVFO02 Fuselage kit + co-pilot brakes	4x brake master cylinders MP-002.5 Hydraulic (brake lines/fittings)									
SRVFO03 Fuselage kit + parking brake	2x brake master cylinders MP-002.5 1x parking brake SRVFO07 Hydraulic (brake lines/fittings)									
SRVFO04 Fuselage kit + co-pilot brakes + parking brake	4x brake master cylinders MP-002.5 1x parking brake SRVFO07 Hydraulic (brake lines/fittings)									
RV4/6-6A/7-7A/8-8A/9-9A 	SRVFO2 Wheel/brake finish kit 2x wheels 5.00-5" RF-022 2x brakes EA-002 2x tires 5.00-5" 2x axles AV-VANS-002/003/005 Hydraulic (brake lines/fittings)	SRVO2A (nose wheel kit) 1x nose wheel 4.00-5" RA-015 1 tire 11x4.00-5" 1x axle AV-VANS-006 AV-VANS-030 (Rubber tailwheel kit) 1x wheel RA-004.1 1x rubber tire 5.91" (150mm) (Tire is interchangeable) 1x spacer set								

More types following page

History Values

Contacts

SensAIR

Complete Kits

Landing Gear

Wheels Brakes

Nose wheel Tailwheel

Tires

Axles

Master Cylinders

Limiters Anti-skid

Parking Brake Valve

Brake lines Fittings

Spare Parts

Tools

BERINGER Technology

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Complete wheel/brake kits (Tires are indicated in the kits but they are not included in the price of the kit)

History Values	Van's	Brake controls - Wheels / Brakes		Nose wheel Option
Contacts	RV8 Grove LG	SRVFI03 5" Wheel/brake finish kit	2x wheels 5.00-5" RF-018 2x brakes EA-002 2x tires 5.00-5" 2x axles FUS-009.2 Hydraulic (brake lines/fittings)	SRV02A 1x nose wheel 4.00-5" RA-015 1 tire 11x4.00-5" 1x axle AV-VANS-006
SensAIR		SRVFI09 6" Wheel/brake finish kit	2x wheels 6.00-6" RF-006 2x brakes EA-003 2x tires 6.00-6" 2x axles AV-VANS-402 Hydraulic (brake lines/fittings)	Idem
Complete Kits				
Landing Gear	RV10	SRVFI05 Wheel/brake finish kit	2x wheels 6.00-6" RF-016 2x brakes EA-003.3 2x tires 15X6.00-6" 2x axles AV-VANS-011/012/014/016L+R Hydraulic (brake lines/fittings)	SRVFI01 1x nose wheel 5.00-5" RA-015 1 tire 5.00-5" 1x axle AV-VANS-010/004
Wheels Brakes		RV14A SRVFI04 RV14 SRVFI06 5"Wheel/brake finish kit	2x wheels 5.00-5" RF-018 2x brakes EA-002.2 - 2x tires 5.00-5" 2x axles AV-VANS-200 + special parts Hydraulic (brake lines/fittings)	SRVFI01 1x nose wheel 5.00-5" RA-015 1 tire 5.00-5" 1x axle AV-VANS-010/004
Nose wheel Tailwheel		RV14A SRVFI07 RV14 SRVFI08 6"Wheel/brake finish kit	2x wheels 6.00-6" RF-006 2x brakes EA-003 - 2x tires 6.00-6" 2x axles AV-VANS-201 Hydraulic (brake lines/fittings)	<i>RV15 kit will be soon available, stay tuned ...</i>
Tires	RV14	Other options :		
Axles		SRVFI06 Anti-lock regulator kit	1x anti-lock regulator RE-001 1x spacer AV-VANS-006 Hydraulic (brake lines/fittings)	
Master Cylinders		SRVFI07 Parking brake valve kit	1x parking brake FR-001 Hydraulic (brake lines/fittings)	
Limiters Anti-skid	All types when finish kit does not mention it			
Parking Brake Valve				
Brake lines Fittings				
Spare Parts	RV4/6/7/8/9/10/12/14 (including A types)			
Tools				
BERINGER Technology				
They trust us ...				

Complete wheel/brake kits (Tires are indicated in the kits but they are not included in the price of the kit)

	Wheels / Brakes	Nose wheel Option	
VariEze (Rutan) 	<p>SLE02 2x wheels 4.00-5" RF-021 - 2x brakes EA-002 2x tires 11x4.00-5" - 2x axles FUS-005.1 2x brake master cylinders MP-002.5 - 2x reservoirs RV-001 1x anti-lock regulator RE-001N - Hydraulic (brake lines/fittings)</p> <hr/> <p>Other options : Wheel cap BCH-002 - Rudder pedal co-pilot brakes - Parking brake valve kit PKG01</p>	<p>Ask us</p>	<div style="background-color: #ccc; padding: 2px;">History Values</div> <div style="background-color: #ccc; padding: 2px;">Contacts</div> <div style="background-color: #ccc; padding: 2px;">SensAIR</div> <div style="background-color: #add8e6; padding: 2px;">Complete Kits</div> <div style="background-color: #ccc; padding: 2px;">Landing Gear</div> <div style="background-color: #ccc; padding: 2px;">Wheels Brakes</div> <div style="background-color: #ccc; padding: 2px;">Nose wheel Tailwheel</div> <div style="background-color: #ccc; padding: 2px;">Tires</div> <div style="background-color: #ccc; padding: 2px;">Axles</div> <div style="background-color: #ccc; padding: 2px;">Master Cylinders</div> <div style="background-color: #ccc; padding: 2px;">Limiters Anti-skid</div> <div style="background-color: #ccc; padding: 2px;">Parking Brake Valve</div> <div style="background-color: #ccc; padding: 2px;">Brake lines Fittings</div> <div style="background-color: #ccc; padding: 2px;">Spare Parts</div> <div style="background-color: #ccc; padding: 2px;">Tools</div> <div style="background-color: #ccc; padding: 2px;">BERINGER Technology</div> <div style="background-color: #ccc; padding: 2px;">They trust us ...</div>
Velocity Velocity Velocity XL		<div style="background-color: #90ee90; padding: 2px; text-align: center;">Nose wheel</div> <p>AV-VEL-020 Fork width = 4.2" (106.68mm) 1x wheel 4.00-5" RA-015 - 1x tire 11x4.00-5" - 1x axle AXP-007.2</p> <hr/> <p>SVE01A Fork width = 5.77" (146.5mm) 1x wheel 5.00-5" RA-014 - 1x tire 5.00-5" - 1x axle AV-CIRR-003+AV-CIRR-004</p>	
	Wheel / Brake		
Ventus (Schempp Hirth) Ventus 2A Ventus 2C		<p>STC-007 Wheel 4.00-5" RF-020 - Brake EA-006 - Tire 11X4.00-5" C_{STC} Special parts for wheel axle Brake master cylinder cable actuated MM-002 + reservoir Hydraulic (brake lines/fittings)</p> <hr/> <p>SCH01 Wheel 4.00-5" RF-020 - Brake EA-006 - Tire 336x115.-5" 10PLY Special parts for wheel axle Brake master cylinder cable actuated MM-002 + reservoir Hydraulic (brake lines/fittings) Note : that kit is available only from Schempp Hirth Company</p>	

Complete wheel/brake kits (Tires are indicated in the kits but they are not included in the price of the kit)

- History Values
- Contacts
- SensAIR
- Complete Kits
- Landing Gear
- Wheels Brakes
- Nose wheel Tailwheel
- Tires
- Axles
- Master Cylinders
- Limiters Anti-skid
- Parking Brake Valve
- Brake lines Fittings
- Spare Parts
- Tools
- BERINGER Technology
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VL3 (JMB Aircraft)	Wheels / Brakes	Nose wheel Option	Landing gear Option
	SVK01 2x wheels 4.00-6" RF-004 2x brakes EA-006 2x tires 4.00-6" 2x axles FUS-001.3 2x brake master cylinders MP-002.1 2x reservoirs HFA01 1x anti-lock regulator RE-001 Hydraulic (brake lines/fittings)	SVK01A 1x wheel 3.50-4" RA-003 1x tire 4.00-4" 1x axle AV-VL3-001/003 + 2x AV-VL3-004	Shock Wheel kit AV-VL3-120 SPEED'AIR fairings
<hr/> Other options : Co-pilot brake kit - Parking brake valve kit PKG01			



Wild Thing (Ulbi)	Wheels / Brakes	Tailwheel Option	Landing gear Option
	SWT01 2x wheels 6.00-6" RF-009 2x brakes EA-006 - 2x tires 15x6.00-6" 2x axles AV-ERF-001 + AV-ZLIN-011 1x brake master cylinder MM-001 (parking brake FP-004 and reservoir) 1x pressure limiter LM-002 Hydraulic (brake lines/fittings)	TW-002 (roulette GLR) 1x wheel 3.50-4" RA-003 1x tire 4.00-4" 1x tailwheel support 1x lever to lock/unlock	ALG landing gear AV-WIT-121
<hr/> Other options : Wheel cap 6" BCH-002 - Rudder pedal co-pilot brakes Note : other tires are available. Ask us			

Zlin Z50 LX (Zlin Aircraft)	Wheels / Brakes	Tailwheel Option
	SZL01 2x wheels 5.00-5" RF-018 -2x brakes EA-002.2N 2x tires 380*150x5" - 2x axles FUS-009.1 2x brake master cylinders MP-003.1N 2x reservoirs RV-001N Hydraulic (brake lines/fittings)	Ask us
<hr/> Other options : Rudder pedal co-pilot brakes Parking brake valve kit PKG01N Anti-lock regulator RE-001 Note : non certified kit		

Complete wheel/brake kits (Tires are indicated in the kits but they are not included in the price of the kit)

Zenair	Wheels / Brakes	Nose Wheel Option	Landing gear Option	History Values
CH650E 	SZH06 2x wheels 6.00-6" RF-009 -2x brakes EA-006 2x tires 15x6.00-6" - 2x axle/special parts 1x brake master cylinder MM-001+Res+PKG FP-004 1x pressure limiter LM-002-Hydraulic	SZH06A 1x wheel 6.00-6" RA-009 1x tire 4.00-6" 1x axle AV-SVNA-001/002	Shock Wheel kit 2x AV-ZENI-620	Contacts SensAIR
CH601 	SZH05 or SZH08 2x wheels 4.00-6" RF-004 - 2x brakes EA-006 2x tires 15x6.00-6" - 2x axle/special parts 1x brake master cylinder MM-001+Res+PKG FP-004 1x pressure limiter LM-002-Hydraulic	Ask us	Ask us	Complete Kits Landing Gear
CH601 Spring leaf	SZH10 2x wheels 4.00-6" RF-004 - 2x brakes EA-006 2x tires (ask us) 2x axles AV-ZENI-504+FUS-001.1 Brake controls : ask us	AV-ZENI-031 1x wheel 6.00-6" RA-009 1x tire 15x6.00-6" 1x axle / set of parts		Wheels Brakes Nose wheel Tailwheel
CH601 HD Mains = fork width 6.77" (172mm)	SZH09 2x wheels 4.00-6" RF-004 - 2x brakes EA-006.1 2x tires 15x6.00-6" 2x axles AV-ZENI-004/5/6/7+AV-SCHE-001 1x brake master cylinder MM-001+Res+PKG FP-004 1x pressure limiter LM-002 - Hydraulic	AV-ZENI-031 Fork internal width = 6.77" (172mm) 1x wheel 4.00-6" RA-009 1x tire 15x6.00-6" 1x axle/parts		Tires Axles
CH601 XL	SZH05 2x wheels 4.00-6" RF-004 -2x brakes EA-006 2x tires 15x6.00-6" 2x axles AV-ZENI-002/3+AV-SCHE-001 2x brake master cylinders MP-002.5 2x reservoirs HFA01 1x anti-lock regulator RE-001 - Hydraulic	SZH06A Fork internal width = 8.27" (210mm) 1x wheel 4.00-6" RA-009 1x tire 15x6.00-6" 1x axle AV-SVNA-001/002	Ask us	Master Cylinders Limiters Anti-skid Parking Brake Valve
CH750/701 	SZH07 2x wheels 4.00-6" RF-004 - 2x brakes EA-006.1 2x tires 4.00-6" 2x axles AV-FUS-001.1+AV-ZENI-401 1x brake master cylinder MM-001+Res+PKG FP-004 1x pressure limiter LM-002 - Hydraulic Other options : Wheel cap 6" BCH-002 or BCH-003 CH601 : Co-pilot hand brake CH601 XL : Rudder pedal co-pilot brakes CH601 XL : Parking brake valve kit PKG01	SZH07A 1x wheel 6.00-6" RA-010 1x tire 6.00-6" 1x axle AV-ZENI-201/202	Ask us	Brake lines Fittings Spare Parts Tools
		Notes : Ask us upfront to check the dimensions of the original leaf gear and the front fork. Bush tire are available on the mains. Ask us		BERINGER Technology They trust us ...

History Values

Contacts

SensAIR

Complete Kits

Landing Gear

Wheels Brakes

Nose wheel Tailwheel

Tires

Axles

Master Cylinders

Limiters Anti-skid

Parking Brake Valve

Brake lines Fittings

Spare Parts

Tools

BERINGER Technology

They trust us ...

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

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

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

ALG

The ALG replaces the original landing gear in place and includes :

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

Technical data :

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

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



Patent
BERINGER AERO



Remarks :

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

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

The cabane is not included in the ALG kit.



→ [ALG in Alaska](#)



Patent
BERINGER AERO



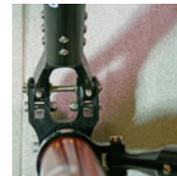
ALG P/N	Airplane/Ultralight Aircraft
AV-CUB-020	Cubcrafters Carbon Cub
AV-JUST-120	Just Aircraft Highlander
AV-SAF-120	Kitplanes for Africa Safari/BRM XL8
AV-SVNA-120	Savannah Taildragger
AV-GROP-120	Trail Nando Groppo
AV-MAV-120	Maverick
AV-ZLIN-120	Zlin Savage
STC-018/019/020	Piper PA-18 SuperCub



→ [How to do maintenance on ALG](#)



→ [Youtube BERINGER AERO technical support](#)



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



→ [Drop test video](#)



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They trust us ...

Shock Wheel on leaf LG / Rough terrain ... Are-you ready?

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.

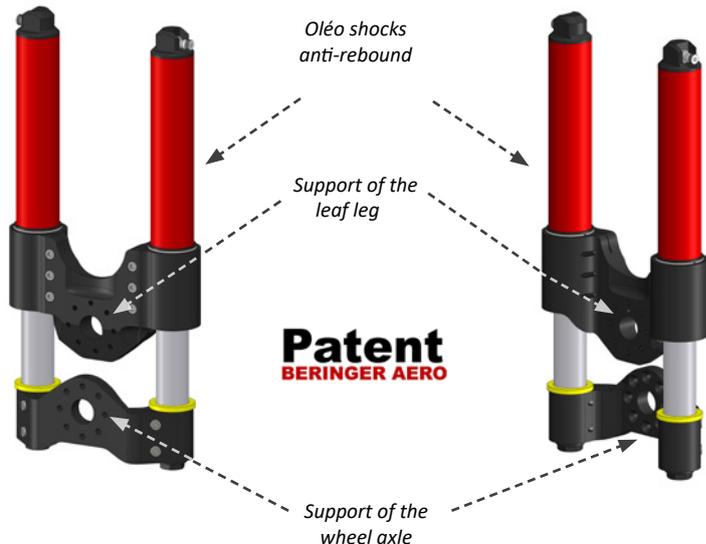
The kit includes for both sides :

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

Technical data :

- Suspension travel of 80mm/3" (Light version for LSA) and 120mm/4.7" (Certified airplanes)
- Light and high strength aluminum (2024)
- Solid design for off-airport use (tested at 4G)
- Only goes with BERINGER wheels and brakes
- For airplanes up to 650kg (1430lb). The certified aircraft model is in progress, stay tuned...

Easy to install, the Shock Wheel is the solution to preserve your airframe, especially interesting for off-airport and flight school use.



Remarks :

The Shock Wheel is available for various ultralights and LSA. Please refer to the Kit pages (sorted alphabetically).

If your aircraft is not listed and features a spring gear, please contact us.

If your aircraft is already equipped with BERINGER wheels and brakes, please contact us, many different types of adaptations are available.

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



The Shock Wheel preserves your aircraft

→Off-airport :

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



→Glider towing :

- Frequent landings
- Unpaved runways



→Flight school :

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



→ [Shock Wheel test on G1](#)



→ [Youtube BERINGER AERO technical support](#)

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They trust us ...

B'FleX LG : preserve your Aircraft

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

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

Technical datas :

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



B'FleX on Nynja



B'FLEX

Beringer Flexible Landing Gear

Remarks :

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

Please refer to the Kit pages (sorted alphabetically).

If your aircraft is not listed, please contact us.

	Steel Gear	Aluminium Gear	Composite Gear	B'FleX BERINGER
Weight	✓	✓✓	✓✓	✓✓✓✓✓
Resistance	✓✓	✓✓✓	✓✓	✓✓✓✓✓
Flexibility	✓✓✓	✓✓	✓✓	✓✓✓✓✓
Look	✓✓	✓✓	✓✓✓	✓✓✓✓✓

SPEED'Air fairings

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

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

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

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

Technical datas :

- Carbon/epoxy or glass fiber/polyester available
- Carbon : 1.3 lbs (540 grams) each - Polyester : 2 lbs (940 grams) each
- Overall dimension : 31.5"x12.6"x7" (80x32x18 cm)
- Both models can be painted with the colors of your choice! (RAL on request)



[SPEED'Air on Magni Gyro](#)



LIGHTER - STRONGER - FASTER
SPEED'AIR

Remarks :

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



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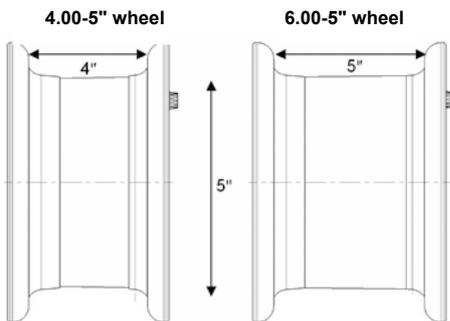
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Wheels with brakes - 4" 5" 6" 8" 10" 12" Diameter



Conversion Lbs/kg

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

Certification indication



→ [Youtube BERINGER AERO technical support](#)

[How to remove a tubeless tire](#) →



→ [How to mount a tubeless tire](#)

[How to change the wheel clips](#) →



General technical data :

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

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

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).



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	Dimension	∅	Bearings (Axle)	Static load Lbs (Kg)	Limit load Lbs (Kg)	Wheel weight Lbs (Kg)	Caliper (Disc) P/N	Braking torque Inch.-Lbs	Max RTO energy ft.-Lbs	Brake weight Lbs (Kg)
RF-013.1	3.50-4"	4"	∅25-∅15	528 (230)	1848 (838)	1.48 (0.672)	EA-009.1 (DSC-013)	1400	105000	1.17 (0.530)
RF-013	3.50-4"	4"	∅20-∅15	528 (230)	1848 (838)	1.54 (0.697)	EA-009 (DSC-013)	1400	105000	1.17 (0.530)

Wheel / Brakes 5" diameter

5" Wheel Standard **For LSA, experimental and gliders**
 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	Dimension	∅	Bearings (Axle)	Static load Lbs (Kg)	Limit load Lbs (Kg)	Wheel weight Lbs (Kg)	Caliper (Disc) P/N	Braking torque Inch.-Lbs	Max RTO energy ft.-Lbs	Brake weight Lbs (Kg)
RF-019 CSTC	5.00-5"	5"	∅30-∅25	1518 (688)	6820 (3093)	3.42 (1.550)	EA-006 (DSC-006)	2450	140000	1.50 (0.682)
RF-020 CSTC	4.00-5"	5"	∅30-∅25	1518 (688)	6820 (3093)	3.24 (1.469)	EA-006 (DSC-006)	2450	140000	1.50 (0.682)

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

Widths available : 4.00 and 5.00

Different types of brakes depending on the required energy

- Single HE 2 piston caliper or Dual 4 piston caliper 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



Wheel P/N	Dimension	∅	Bearings (Axle)	Static load Lbs (Kg)	Limit load Lbs (Kg)	Wheel weight Lbs (Kg)	Caliper (Disc) P/N	Braking torque Inch.-Lbs	Max RTO energy ft-Lbs	Brake weight Lbs (Kg)
RF-018 	5.00-5"	5"	∅30-∅25	1518 (688)	6820 (3093)	3.27 (1.485)	EA-002 (DSC-008)	4500	210000	2.34 (1.060)
							EA-002.2 (DSC-008.2)	4500	361000	2.89 (1.310)
RF-022	5.00-5"	5"	∅35-∅35	1518 (688)	6820 (3093)	3.27 (1.485)	EA-002 (DSC-008)	4500	210000	2.34 (1.060)
RF-021	4.00-5"	5"	∅30-∅25	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	Dimension	∅	Bearings (Axle)	Static load Lbs (Kg)	Limit load Lbs (Kg)	Caliper (Disc) P/N	Braking torque Inch.-Lbs	Max RTO energy ft-Lbs	Complete set (wheel/brake/spokes/tire/tube) Weight lbs (Kg)
RF-019.4	5.00-5"	5"	∅30-∅25	968 (439)	3388 (1536)	EA-006 (DSC-006)	2450	140000	1.50 (0.682)

Wheel / Brakes 6" diameter

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

Widths available : 4.00 and 6.00 - Ultralight stainless steel floating disc
 Wheel RF-009 : Dual caliper EA-006.2 for tires >29" (higher braking torque).
 Wheel RF-014 6.00-6 SL : bigger bearing in the brake wheel flange
 Tires available : see tire pages - Aluminum or steel axle : see axle pages
 Option : wheel cap BCH-002 (6.00-6") or BCH-003 (4.00-6")



Wheel P/N	Dimension	Ø	Bearings (Axle)	Static load Lbs (Kg)	Limit load Lbs (Kg)	Wheel weight Lbs (Kg)	Caliper (Disc) P/N	Braking torque Inch.-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-006 (DSC-006)	2450	140000	1.50 (0.682)
RF-009	6.00-6"	6"	Ø30-Ø25	968 (439)	3388 (1536)	3.48 (1.580)	EA-006 (DSC-006)	2450	140000	1.50 (0.682)
							EA-006.2 (DSC-006) Dual	4900	140000	3.48 (1.58)
RF-014	6.00-6"	6"	Ø40-Ø25	968 (439)	3388 (1536)	3.45 (1.563)	EA-006 (DSC-006)	2450	140000	1.50 (0.682)
							EA-006.2 (DSC-006) Dual	4900	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	Dimension	Ø	Bearings (Axle)	Static load Lbs (Kg)	Limit load Lbs (Kg)	Wheel weight Lbs (Kg)	Caliper (Disc) P/N	Braking torque Inch.-Lbs	Max RTO energy ft-Lbs	Brake weight Lbs (Kg)
RF-015.1 C _{STC} T _{SO}	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)
							EA-003.8 (DSC-014)	5130	250000	2.47 (1.120)
RF-015.2 C _{TSO}	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)
							EA-003.8 (DSC-014)	5130	250000	2.47 (1.120)

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BERINGER Technology

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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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- Nose wheel Tailwheel
- Tires
- Axles
- Master Cylinders

Wheel P/N	Dimension	∅	Bearings (Axle)	Static load Lbs (Kg)	Limit load Lbs (Kg)	Wheel weight Lbs (Kg)	Caliper (Disc) P/N	Braking torque Inch.-Lbs	Max RTO energy ft-Lbs	Brake weight Lbs (Kg)
RF-006 CSTC TSO	6.00-6"	6"	∅40-∅35	2080 (943)	7480 (3392)	4.99 (2.262)	EA-003 (DSC-009)	4900	355000	3.31 (1.500)
							EA-003.3 (DSC-009.3)	4900	500000	4.22 (1.914)
							EA-003.4 (DSC-009.3) Dual	9800	510000	6.11 (2.770)
							EA-003.5 (DSC-009.4) Dual	9800	550000	6.81 (3.090)
							EA-003.7 (DSC-009.4)	4900	558000	4.72 (2.140)
							EA-004 (DSC-009.3)	4900	500000	4.14 (1.880)
							EA-004.1 (DSC-009.5) Dual	9800	975000	7.63 (3.460)
							EA-004.2 (DSC-009.5) Dual	9800	975000	7.56 (3.430)
RF-016 CSTC	6.00-6"	6"	∅45-∅45	1870 (848)	6545 (2968)	4.81 (2.180)	EA-004.3 (DSC-009.5) Dual	9800	980000	7.65 (3.470)
							EA-003.2 (DSC-014)	5130	250000	2.47 (1.120)
							EA-003.3 (DSC-009.3)	4900	500000	4.22 (1.914)

- Limiters Anti-skid
- Parking Brake Valve
- Brake lines Fittings

- Spare Parts
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They trust us ...

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	Dimension	∅	Bearings (Axle)	Static load Lbs (Kg)	Limit load Lbs (Kg)	Wheel weight Lbs (Kg)	Caliper (Disc) P/N	Braking torque Inch.-Lbs	Max RTO energy ft-Lbs	Brake weight Lbs (Kg)
RF-017 CSTC TSO	6.00-6"	6"	∅40-∅35	2310 (1047)	9460 (4291)	5.75 (2.067)	EA-004.1 (DSC-009.5) Dual	9800	975000	7.63 (3.460)
							EA-004.2 (DSC-009.5) Dual	9800	975000	7.56 (3.430)
							EA-004.3 (DSC-009.5) Dual	9800	980000	7.63 (3.460)

Wheel / Brakes 8" diameter

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



Wheel P/N	Dimension	∅	Bearings (Axle)	Static load Lbs (Kg)	Limit load Lbs (Kg)	Wheel weight Lbs (Kg)	Caliper (Disc) P/N	Braking torque Inch.-Lbs	Max RTO energy ft-Lbs	Brake weight Lbs (Kg)
RF-028	7.00-8"	8"	∅30-∅25	968 (439)	3388 (1536)	5.56 (2.52)	EA-006 (DSC-006)	2450	140000	1.50 (0.682)
							EA-006.2 (DSC-006) Dual	4900	140000	3.48 (1.58)
RF-010 CTSO	18x5.5"	8"	∅38.1-∅38.1	3058 (1387)	9625 (4365)	7.94 (3.600)	EA-008.1+EA-008.2 (DSC-012) PQT-012	9300	1115000	9.04(4.100)
							EA-008.1+EA-008.2 (DSC-012) PQT-013	9800	1200000	9.04(4.100)
RF-010.1	18x5.5"	8"	∅38.1-∅38.1	5507 (2497)	19275 (8743)	8.31 (3.768)	EA-008.7 (DSC-012.2) Dual	18600	1452538	12.81(5.812)

Wheel / Brakes 10" diameter

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



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

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

12" Wheel



- 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



Wheel P/N	Dimension	∅	Bearings (Axle)	Static load Lbs (Kg)	Limit load Lbs (Kg)	Wheel weight Lbs (Kg)	Caliper (Disc) P/N	Braking torque Inch.-Lbs	Max RTO energy ft-Lbs	Brake weight Lbs (Kg)
RF-011	24x7.7"	10"	∅50-∅35	3080 (1397)	8160 (3701)	14.42 (6.543)	EA-001 (DSC-011 or DSC-011.2)	16900	623977	11.06 (5.015)
RF-003	11.00-12"	12"	∅50-∅35	3080 (1397)	15820 (8160)	20.72 (9.400)	PQT-008 or PQT-016			

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

HL

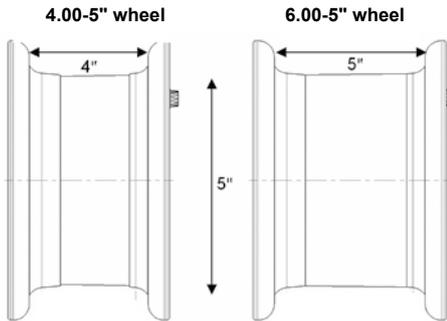


Steel floating disc
Wheel cap BCH-001



Wheel P/N	Dimension	∅	Bearings (Axle)	Static load Lbs (Kg)	Limit load Lbs (Kg)	Wheel weight Lbs (Kg)	Caliper (Disc) P/N	Braking torque Inch.-Lbs	Max RTO energy ft-Lbs	Brake weight Lbs (Kg)
RF-027	4.4x10"	10"	∅38.1-∅38.1	4520 (2050)	15820 (7175)	14.11 (6.400)	EA-011.2 (DSC-017.2) Dual	22350	1700000	15.64 (7.096)

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



Conversion Lbs/kg

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

Certification indication



→ [Youtube BERINGER AERO technical support](#)

Wheel features :

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

Contact us and we will help you.

Notes :

- Finish : 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](#) →



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Tailwheel

Wheel 200x50 with tube RA-004

Designed for Pipistrel Sinus/Virus
Delivered mounted with tire 200x50/tube
For axle 5/16" (see axle pages)
Weight : 9.45 oz / 268g
Fork mounting only



Rubber Tailwheel

Wheel Ø 5.91" (150mm)

RA-004.1/.2

Designed for Vans RV, Pitts, Aerobatic, Jodel
Delivered mounted with tire for axle 5/16"
Weight : 9.45 oz / 268g
Tire is interchangeable



Wheel P/N	Dimension	Ø mm	Ball bearings	Static Load Lbs (Kg)	Limit load Lbs (Kg)	Wheel weight Lbs (Kg)
RA-004	200X500	200	Ø10-Ø10	337 (153)	1349 (612)	0.59 (0.268)
RA-004.1	6x2.00x3.7	150	Ø10-Ø10	337 (153)	1349 (612)	0.59 (0.268)
RA-004.2	6x2.00x3.7	150	Ø8-Ø8	337 (153)	1349 (612)	0.59 (0.268)

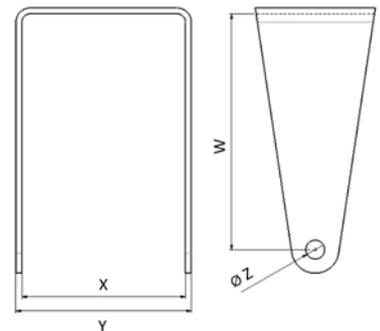
Wheels 4" diameter

4" Wheel Ultra light

Nose wheel for ultralight aircraft and LSA or bush tailwheel
High load - Cantilever or fork mounting (see axle pages)
Tires available (see tire pages)



Wheel P/N	Dimension	Ø	Ball bearings	Static Load Lbs (Kg)	Limit load Lbs (Kg)	Wheel weight Lbs (Kg)	Axle P/N (fork mounting)	Axle dimensions (standard sizes - Other dimensions available - ask us)
RA-003	3.50-4"	4"	Ø20-Ø15	539 (245)	1888 (856)	1.36 (0.620)	AXP-003 AXP-003.1 AXP-003.2 AXP-003.3 AXP-003.4	X=111 / Z=6.4 X=111 / Z=8.2 X=89 / Z=8.2 Z=80 / Z=12.8 X=89 / Z=6.2



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

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

Wheels 5" diameter

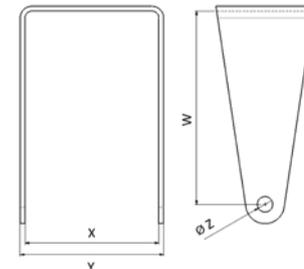
5" Wheel Widths available : 4.00 and 5.00 - Cantilever or fork mounting (see axle pages)
(Axle dimensions in the table) - Tires available (see tire pages)

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

Wheels 6" diameter

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

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



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Nose wheels / Tailwheels

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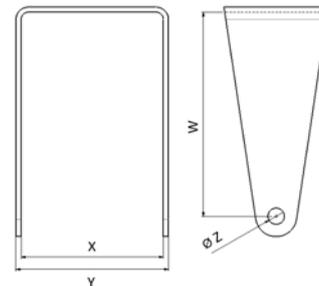
6" Wheel LE Cantilever or fork mounting (see axle pages)
(Axle dimensions in the table)
Tires available (see tire pages)

Wheel P/N	Dimension	Ø	Ball bearings	Static Load Lbs (Kg)	Limit load Lbs (Kg)	Wheel weight Lbs (Kg)	Axle P/N (fork mounting)	Axle dimensions (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



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

Wheel P/N	Dimension	Ø	Ball bearings	Static Load Lbs (Kg)	Limit load Lbs (Kg)	Wheel weight Lbs (Kg)
RA-005 CTSO	6.00-6" HE	6"	Ø40-Ø35	2135 (968)	7642 (3466)	4.56 (2.070)
RA-013 CTSO	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

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)



Crosswind... Are you ready ? Ground-Loop Resistant tailwheel, safety for taildraggers

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 !



Patent
BERINGER AERO

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



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



Remark : available in two sizes (tire dimension)

P/N	Description	Wheel Ø	Tire	Lbs	kg
TW-001	Complete kit : wheel/tire	4"	2.80/2.50-4"	8.31	3.77
TW-002	Complete kit : wheel/tire	4"	4.00-4"	9.08	4.12
AV-CUB-210	Control lever to unlock	-	-	-	-

AV-CUB-210



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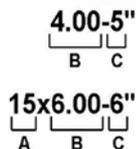
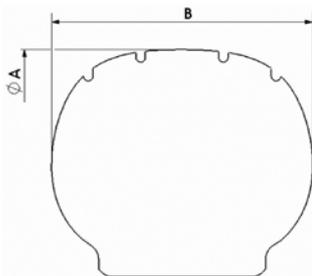
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Dimension of a tire



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

Conversion Lbs/kg

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

Notes :

- We highly recommend the tire installation by BERINGER for all new wheels and tires bought at BERINGER. This service includes a pressure test after 24h of inflation to ensure the conformity of the installation.
- We recommend the tire changing to be done by a BERINGER Service Center, with the specific BERINGER tool.
- Dimensions and weight can vary. BERINGER AERO is not liable for the load or speed rating variations.

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



→ [Youtube BERINGER AERO technical support](#)



→ [How to remove a tubeless tire](#)



→ [How to mount a tubeless tire](#)

Tire P/N	Description	ø A Inch	Width B Inch	Static load Lbs	Weight Lbs Kg		Wheel correspondance
PAR-002	Rubber tire 6x2.00-3.7	6"/ 150mm	-	-	1.05	0.475	RA-004.1/.2/.11/.12
PAG05	tire and tube 200x50 6PLY TT	7.90	2.00	-	1.10	0.50	RA-004
PAG07	Tire 2.80/2.50-4" 4PLY Kenda TL	9.00	2.80	411	1.32	0.60	3.50-4
PAG02	Tire 3.00-4" 4PLY Veloce TL	10.30	3.50	-	1.32	0.60	3.50-4
S-317	Tire 11x4.00-5 " 4PLY Deli TL	11.60	3.80	-	2.65	1.20	4.00-5

Tire P/N	Description	ø A Inch	Width B Inch	Static load Lbs	Weight Lbs Kg		Wheel correspondance
PAG01	Tire 4.00-4" 4PLY Kenda TL	11.90	3.90	-	2.20	1.00	3.50-4
PAG10	Tire 4.00-4" 4PLY Secura TL	11.90	3.90	-	3.09	1.4	3.50-4
505T08-1	Tire 5.00-5" 10PLY FE LT Goodyear TL	14.20	4.95	2150	6.80	3.08	5.00-5
070-310-0	Tire 5.00-5" 8PLY Michelin Air TL	14.20	4.70	1800	5.73	2.60	5.00-5
PAD01	Tire 4.00-6" 6PLY Mitas TT	14.50	4.40	-	2.87	1.30	4.00-6
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
TK107A	Tire 4.00-6" 8PLY AeroClassic	13.30	4.13	849	5.50	2.50	4.00-6
PAC03	Tire 13x5.00-6" 4PLY Deli TT	13.40	4.70	-	2.87	1.30	4.00-6
PAC04	Tire 13x5.00-6" 8PLY Mitas TL	13.40	4.70	-	3.30	1.50	4.00-6
PAC08	Tire 15x6.00-6" 10PLY Flight Custom II GoodYear TL	14.50	5.30	3200	9.70	4.40	4.00-6
PAC02	Tire 15x6.00-6" 6PLY Mitas TL	14.80	5.10	-	4.85	2.20	4.00-6
PAC10	Tire 15x6.00-6" 4PLY Kenda TL	14.80	5.10	-	5.69	2.58	3.50-4
PAC05	Tire 15x6.00-6" 6PLY Air Trac TT	15.00	5.30	1950	6.17	2.80	4.00-6
PAB01	Tire 380x150-5" 6PLY Michelin Air TT	15.00	5.50	1598	6.61	3.00	5.00-5
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" 4PLY AirTrac TT	17.50	6.30	1150	6.83	3.10	4.00-6/6.00-6
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
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
PAF03	Tire 21x8.00-6" 4PLY Aero Classic TL	20.50	7.10	800	10.80	4.90	6.00-6
076-325-0	Tire 8.50-6" 6PLY Michelin TL	21.00	7.50	2275	15.43	7.00	6.00-6
PAF05	Tire Bush 22x8.50-6" 4PLY Aero Classic TT	22.00	8.10	1600	8.82	4.00	6.00-6
HF237-1	Pneu Bush 21x12.00-8" 6PLY DURO	21.00	7.95	-	8.60	3.90	7.00-8

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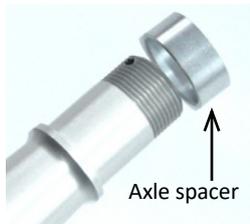
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Axles



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 :

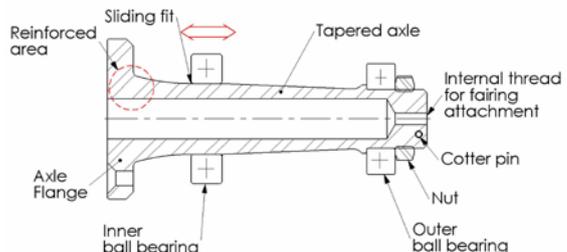
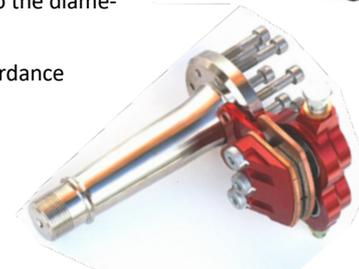
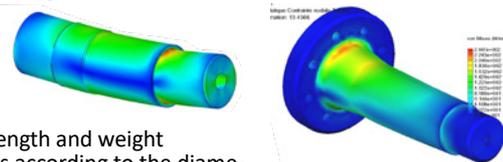
You will find in the following tables :

- 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.



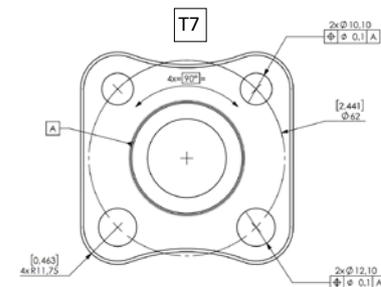
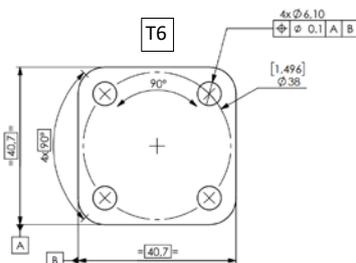
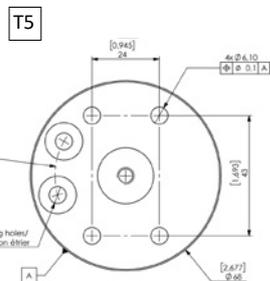
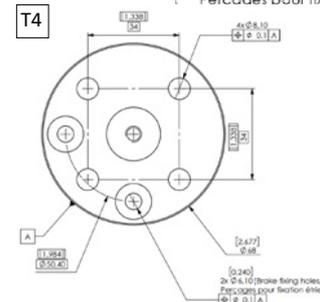
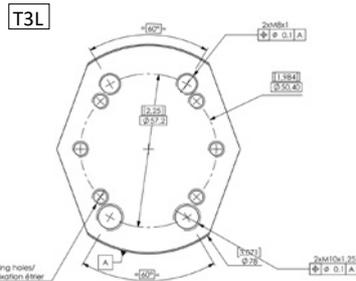
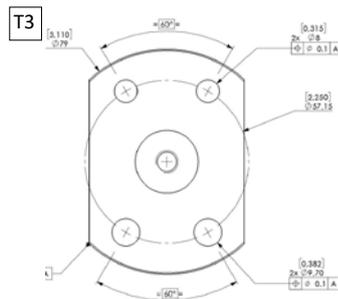
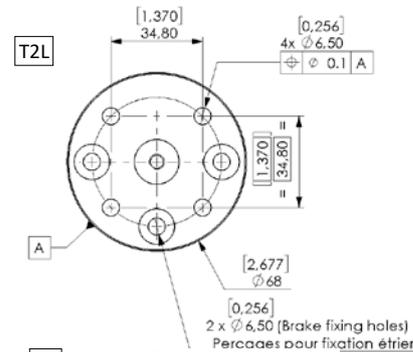
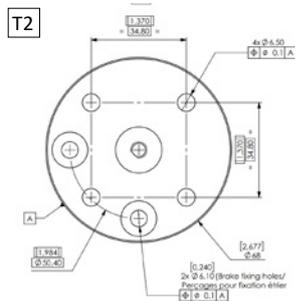
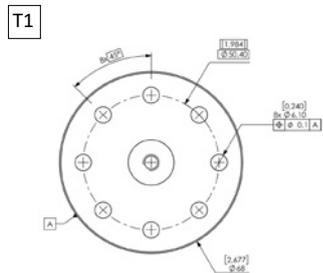
Axle P/N	Description	Dimension of axle thread	Static load/Axle		Limit load/Axle		Weight	
			Lbs	kg	Lbs	kg	Lbs	kg
FUS-001+BGE016	Conical aluminum axle	M25X1.5	780	354	2714	1231	8.8	0.25
FUS-004	Conical steel axle (Nickel coated)	M25X1.5	1430	649	4976	2257	21.92	0.62
FUS-005	Conical aluminum axle	M25X1.5	950	431	3306	1499	8.16	0.23
FUS-006.4	Conical aluminum axle	M15X1	660	300	2310	1050	0.288	0.13
FUS-007.1	Conical steel axle	M35X1.5	2090	948	7315	3317	45.12	1.28
FUS-007.2	Conical aluminum axle	M35X1.5	1700	770	5950	2700	17.92	0.51
FUS-007.7	Conical steel axle	M35X1.5	2295	1040	8030	3640	41.27	1.17
FUS-008	Conical aluminum axle	M25X1.5	700	317	2450	1111	15.36	0.44
FUS-009	Conical aluminum axle	M25X1.5	860	390	2993	1357	8.8	0.25
FUS-010	Conical aluminum axle	M25X1.5	832	377	2894	1313	11.84	0.33
FUS-011	Conical aluminum axle	M25X1.5	780	354	2714	1231	10.24	0.29
FUS-012	Conical aluminum axle	M25X1.5	832	377	2894	1313	8.32	0.24
FUS-013+ BGE026	Conical aluminum axle	3/4" -16	780	354	2714	1231	12.64	0.36
FUS-014.1	Conical aluminum axle	M30X1.5	1400	635	4900	2222	16.00	0.45
FUS-014.2	Conical aluminum axle	1.5"x16 UNF	1000	450	3500	1575	22	0.632
FUS-014.3	Conical aluminum axle	1.5"x16 UNF	1260	570	4410	1995	16	0.452
FUS-015	Conical aluminum axle	M25X1.5 +3/4"-16	780	354	2714	1231	16.80	0.48
FUS-016	Conical aluminum axle	M25X1.5	1030	465	3600	1325	9.52	0.27
ECR-001	Aluminum nut	M35x1.5	-	-	-	-	0.8	0.02
ECR-002	Aluminum nut	M25x1.5	-	-	-	-	0.32	0.01
ECR-004	Aluminum nut	M30x1.5	-	-	-	-	0.64	0.02
ECR-005	Aluminum nut	1.5"x16 UNF	-	-	-	-	1.41	0.04
ECR-006	Aluminum nut	1.5"x16 UNF	-	-	-	-	2.11	0.06
ECR-006.1	Aluminum nut	1.25"x12 UNF	-	-	-	-	2.46	0.07
E-HN-008	Steel safety nut	3/4" -16	-	-	-	-	1.9	0.054
BGE-016	Axle spacer for FUS-001	-	-	-	-	-	0.16	0.01
BGE-026	Axle spacer for FUS-013	-	-	-	-	-	0.16	0.01



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Wheel Axles

	Correspondance main wheel axles / Wheels					T1...T7 shows the hole pattern					
	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
History Values	FUS-001	-	-	T1, T2, T4, T5	T1, T2, T4, T5	-	-	-	-	-	
Contacts	FUS-004	-	-	T1, T2	-	-	-	-	-	-	
SensAIR	FUS-005	-	T1, T2	-	-	-	-	-	-	-	
Complete Kits	FUS-006.4	T6	-	-	-	-	-	-	-	-	
Landing Gear	FUS-007.1	-	-	-	-	-	-		T3	-	
Wheels Brakes	FUS-007.2							T3		-	
Nose wheel Tailwheel	FUS-007.7							T7	T7	-	
Tires	FUS-008	-	-	-	-	T3	-	-	-	-	
Axles	FUS-009	-	-	T2	-	-	-	-	-	-	
Master Cylinders	FUS-010	-	-	-	-	T1, T2,T4, T5	-	-	-	-	
Limiters Anti-skid	FUS-011	-	-	-	T3	-	-	-	-	-	
Parking Brake Valve	FUS-012	-	-	-	-	1"1/4 US	-	-	-	-	
Brake lines Fittings	FUS-013	-	-	-	T1	-	-	-	-	-	
Spare Parts	FUS-014.1	-	-	-	-	-	T3	-	-	-	
Tools	FUS-014.2	-	-	-	-	-	-	-	-	-	Cleveland wheel
BERINGER Technology	FUS-014.3									T3	
They trust us ...	FUS-015	-	-	-	-	T1	-	-	-	-	
	FUS-016	-	-	-	T1, T2,T4, T5		-	-	-	-	



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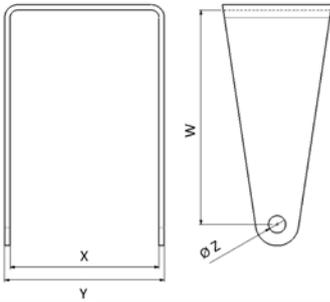
Spare Parts

Tools

BERINGER Technology

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Axles : how to take dimension



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

For other dimensions please contact us



← Van's front wheel axle



Brake master cylinders



Master-cylinder features :

The master cylinders can be operated :

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

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

They are machined from a high strength aluminum billet.

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

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

Friction is highly reduced for a better feeling and performance.

Seals available for either DOT4 or MIL fluid.

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

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

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

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

Brake fluid indication

XX-XXXE

XX-XXXN



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Landing Gear

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Nose wheel Tailwheel

Tires

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Master Cylinders

Limiters Anti-skid

Parking Brake Valve

Brake lines Fittings

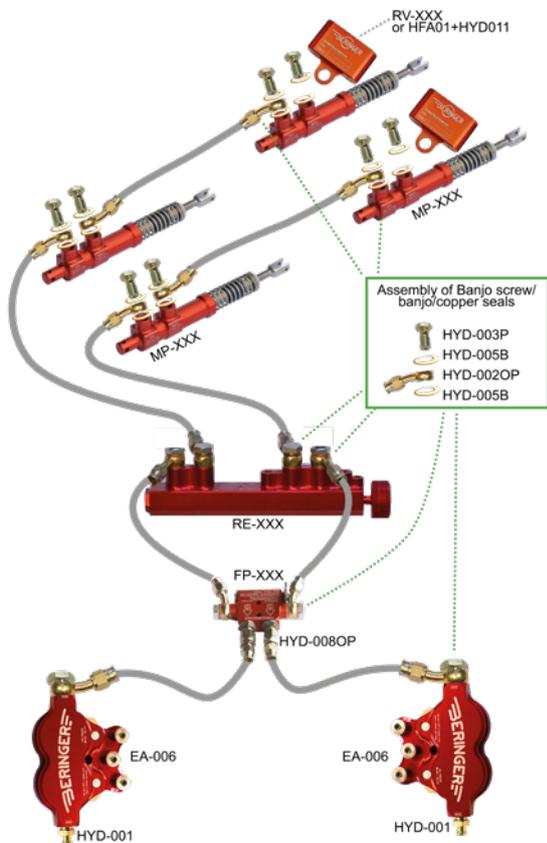
Spare Parts

Tools

BERINGER Technology

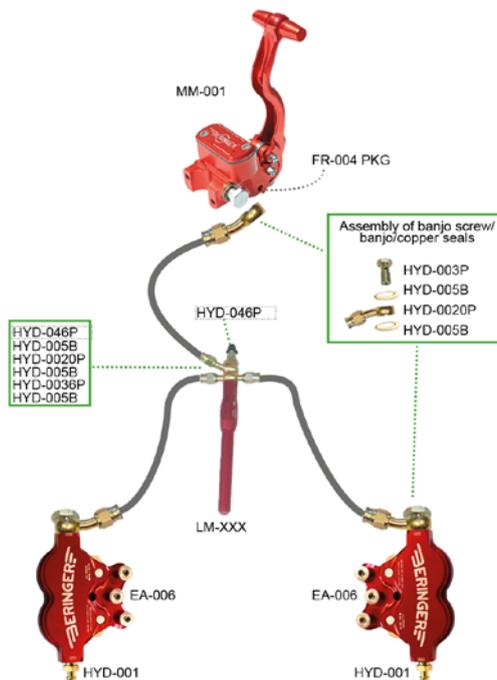
They trust us ...

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



This configuration can be modified depending on the Aircraft

**Symmetrical braking circuit
Hand master cylinder**



- History Values
- Contacts
- SensAIR
- Complete Kits
- Landing Gear
- Wheels Brakes
- Nose wheel Tailwheel
- Tires
- Axles
- Master Cylinders**
- Limiters Anti-skid
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- Brake lines Fittings
- Spare Parts
- Tools
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Rudd'AIR : feel it up to your feet ! Brand new ergonomic pedals ...

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

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

Technical datas :

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



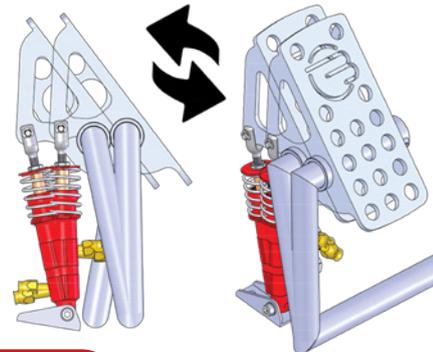
Rudd'AIR

Remarks :

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

Please refer to the Kit pages (sorted alphabetically).

If your aircraft is not listed, please contact us.



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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



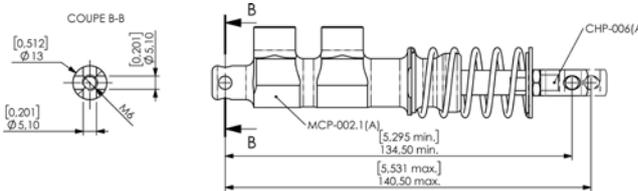
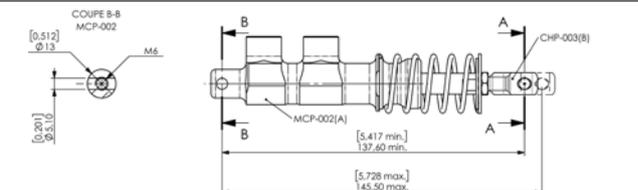
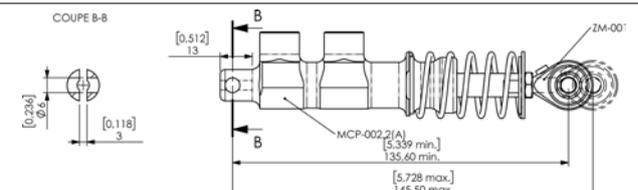
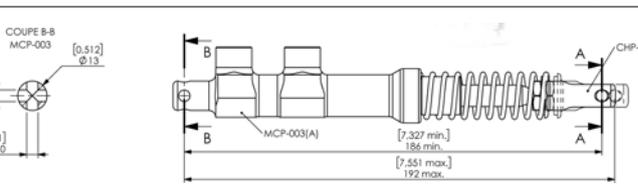
Notes : the table shows the attachments for each type of master cylinder. Other configurations are available with extenders (see following tables).
Several types of reservoirs available (see table at the end of master cylinder pages)

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

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

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- Complete Kits
- Landing Gear
- Wheels Brakes
- Nose wheel Tailwheel
- Tires
- Axles
- Master Cylinders
- Limiters Anti-skid
- Parking Brake Valve
- Brake lines Fittings
- Spare Parts
- Tools
- BERINGER Technology
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Brake Master Cylinders / Levers / Pedals

History Values	Master cylinder P/N	attachment included	Description	Min Dimension		Max Dimension		Bore		Weight	
Contacts				Inch	mm	Inch	mm	Inch	mm	oz	g
SensAIR	MP-002.7	- CHP-006		5.29	134	5.53	140	1/2	12.2	3.72	105
Complete Kits	MP-002.8	S-CP-006 CHP-003		5.42	137	5.73	145	1/2	12.2	3.76	107
Landing Gear	MP-002.9	ZM-001		5.34	135	5.73	145	1/2		4.09	116
Wheels Brakes	MP-003	- CHP-002		7.33	186	7.56	192	1/2	12.2	4.3	122
Nose wheel Tailwheel											
Tires											
Axles											



They trust us ...

Master cylinder P/N	attachment included	Description	Min Dimension		Max Dimension		Bore		Weight	
			Inch	mm	Inch	mm	Inch	mm	oz	g
MP-003.1	- CHP-002		8.07	205	8.31	211	1/2	12.2	4.8	136
MP-003.2	- CHP-005		7.32	186	7.55	192	1/2	12.2	4.41	125
MP-003.3	- CHP-002		7.32	186	7.55	192	1/2	12.2	4.27	121
MP-003.4	- CHP-008		6.93	176	7.22	183	1/2	12.2	4.3	122

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Brake Master Cylinders / Levers / Pedals

History Values	Master cylinder P/N	attachment included	Description	Min Dimension Inch	Min Dimension mm	Max Dimension Inch	Max Dimension mm	Bore Inch	Bore mm	Weight oz	Weight g
Contacts	MP-003.5	- CHP-005.1		7.52	191	7.76	197	1/2	12.2	4.44	126
SensAIR	MP-003.6	- CHP-011		7.4	188	7.64	194	1/2	12.2	4.34	123
Complete Kits	MP-003.7	CHP-002.1		6.69	170	7.87	200	1/2	12.2	4.3	122
Landing Gear	MP-003.8	CHP-002		7.33	186	7.57	192	1/2	12.2	4.05	115
Wheels Brakes											
Nose wheel Tailwheel											
Tires											
Axles											
Master Cylinders											
Limiters Anti-skid											
Parking Brake Valve											
Brake lines Fittings											
Spare Parts											
Tools											
BERINGER Technology											
They trust us ...											

Master cylinder P/N	attachment included	Description	Min Dimension Inch	Min Dimension mm	Max Dimension Inch	Max Dimension mm	Bore Inch	Bore mm	Weight oz	Weight g
MP-003.9	--		-	-	-	-	1/2	12.2	4.3	122
MP-003.10	AV-JONK-004		7.45	189	7.69	195	1/2	12.2	4.33	123
MP-003.11	CHP-002		8.07	205	8.32	211	1/2	12.2	4.73	134

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Master cylinder for rudder pedal MP-001

Allows to actuate following brake calipers :

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



Available for MIL brake fluids only

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

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

Master cylinder P/N	attachment included	Description	Min Dimension		Max Dimension		Bore		Weight	
			Inch	mm	Inch	mm	Inch	mm	oz	g
MP-001.3	- CHP-007	<p>COUPE B-B MCP-001.1</p> <p>[0,197] $\Phi 5$</p> <p>[0,512] $\Phi 13$</p> <p>[0,315] B</p> <p>MCP-001.1(A)</p> <p>[7,437 min.] 189 min.</p> <p>[8,189 max.] 208 max.</p> <p>CHP-007(A)</p>	7.441	189	8.189	208	9/16	14.5	5.78	164
MP-001.4	- CHP-009	<p>COUPE B-B MCP-001.2</p> <p>[0,512] $\Phi 13$</p> <p>[0,197] $\Phi 5$</p> <p>[0,240] $\Phi 6,10$</p> <p>[0,315] B</p> <p>MCP-001.2(A)</p> <p>[7,417 min.] 188 min.</p> <p>[8,189 max.] 208 max.</p> <p>CHP-009(A)</p>	7.402	188	8.189	208	9/16	14.5	5.89	167
MP-001.5	- CHP-010	<p>COUPE B-B MCP-001.3</p> <p>[0,512] $\Phi 13$</p> <p>[0,240] $\Phi 6,10$</p> <p>[0,315] B</p> <p>MCP-001.3(A)</p> <p>[6,905 min.] 175 min.</p> <p>[7,854 max.] 200 max.</p> <p>CHP-010(A)</p>	6.89	175	7.874	200	9/16	14.5	5.18	147
MP-001.6	CHP-010.1	<p>COUPE B-B MCP-001.3</p> <p>[0,240] $\Phi 6,10$</p> <p>[0,512] $\Phi 13$</p> <p>[0,315] B</p> <p>MCP-001.3(A)</p> <p>[6,853 min.] 174.1 min.</p> <p>[7,137 max.] 181.3 max.</p> <p>CHP-010.1(A)</p>	6.85	174	7.14	181	9/16	14.5	5.18	147

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BERINGER Technology

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Brake Master Cylinders / Levers / Pedals

History Values	Master cylinder P/N	attachment included	Description	Min Dimension Inch	mm	Max Dimension Inch	mm	Bore Inch	mm	Weight oz	g
Contacts	MP-001.7	AV-APRK-009		7.27	185	7.78	195	9/16	14.5	5.64	160
SensAIR											
Complete Kits											
Landing Gear											
Wheels Brakes											

Master cylinder for rudder pedal MP-007

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



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

Limiters Anti-skid	Master cylinder P/N	attachment included	Description	Min Dimension Inch	mm	Max Dimension Inch	mm	Bore Inch	mm	Weight oz	g
Parking Brake Valve	MP-007	CHP-007		7.56	192	8.33	211	0.65	16.5	6.17	175
Brake lines Fittings											
Spare Parts											
Tools											
BERINGER Technology											

Attachments/Extenders for brake master cylinders

Attachment P/N	Description	Weight	
		oz	g
CHP-001		0.83	24
CHP-002		0.23	6
CHP-002.1		0.35	10
CHP-003		0.4	11
CHP-004		0.39	11
CHP-005		0.32	9

Attachment P/N	Description	Weight	
		oz	g
CHP-005.1		0.37	11
CHP-006		0.43	12
CHP-007		0.79	22
CHP-008		0.27	8
CHP-009		0.8	23
CHP-010		0.77	22
CHP-010.1		0.58	16.5

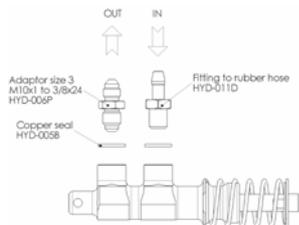
History Values
Contacts
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Wheels Brakes
Nose wheel Tailwheel
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Limiters Anti-skid
Parking Brake Valve
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BERINGER Technology
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History Values	Attachment P/N	Description	Weight oz g	
Contacts	CHP-011		0.27	8
SensAIR	AV-JONK-004		0.32	9,1
Complete Kits	AV-APRK-009		0.65	18,5
Landing Gear	ZM-001		0.78	22
Wheels Brakes	BGE-011		0.16	4.5

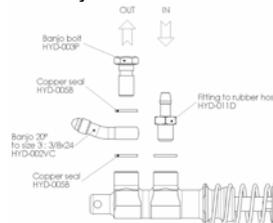
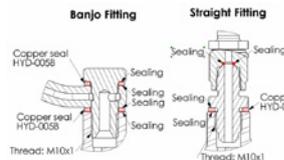
Extender P/N	Description	Weight oz g	
PGT-002		0.3	8.5
PGT-003		0.37	10.5
PGT-003.1		0.5	14.2
PGT-004		0.28	8
PGT-005		0.36	10.2

Hydraulic fittings for master cylinders

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



Banjo screw



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.

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

History Values

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SensAIR

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Wheels Brakes

Nose wheel Tailwheel

Tires

Axles

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Limiters Anti-skid

Parking Brake Valve

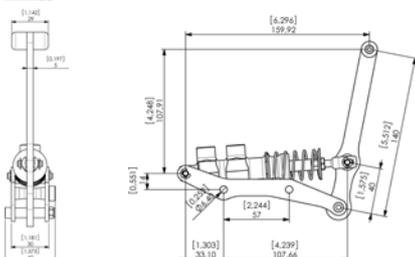
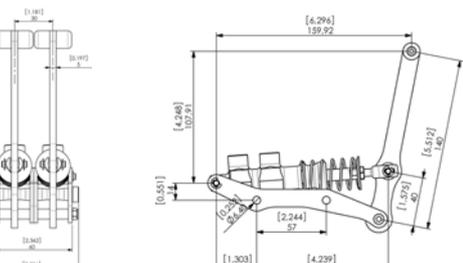
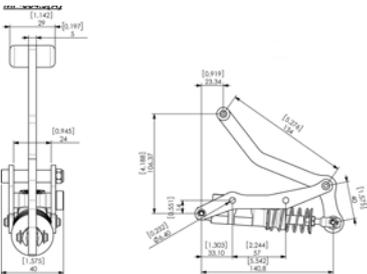
Brake lines Fittings

Spare Parts

Tools

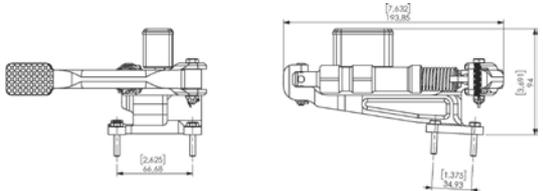
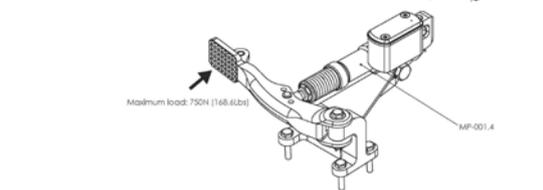
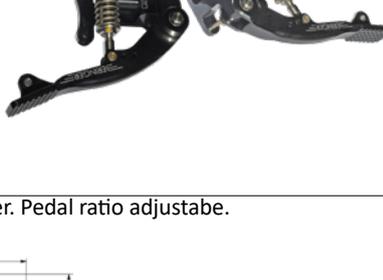
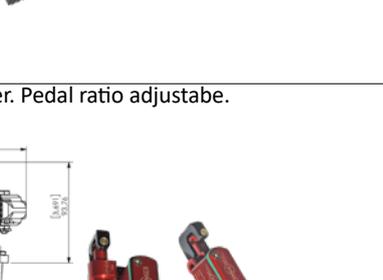
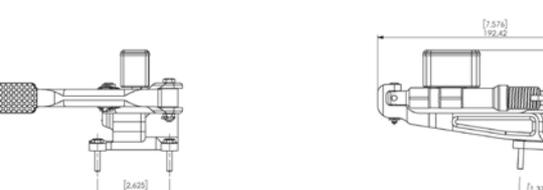
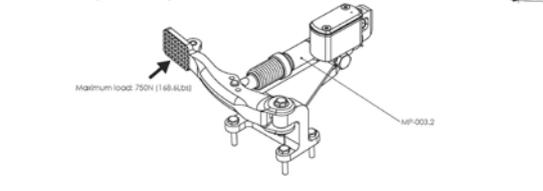
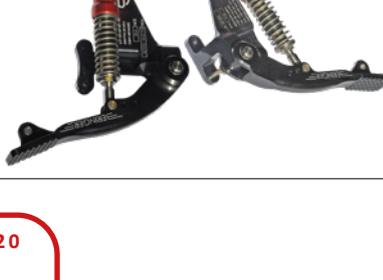
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History Values			Description		Lever weight Lb g	
Contacts	MP-004.3	MP-002.8	 		9.3	264
SensAIR						
Complete Kits						
Landing Gear						
Wheels Brakes						
Nose wheel Tailwheel	MP-004.4	MP-002.8	 		17.11	485
Tires						
Axles						
Master Cylinders						
Limiters Anti-skid						
Parking Brake Valve	MP-004.5	MP-002.8	 		9.58	272
Brake lines Fittings						
Spare Parts						
Tools						
BERINGER Technology						
They trust us ...						

Lever only P/N	M. Cylinder (non included)	Description	Lever weight Lb g		
MP-004.6	MP-002.8			10.33	293
MP-004.7	MP-002.8			8.48	240
MP-004.11	MP-002.2			4.26	121
MP-004.12	MP-002.8			5.36	152

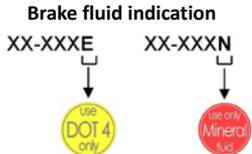
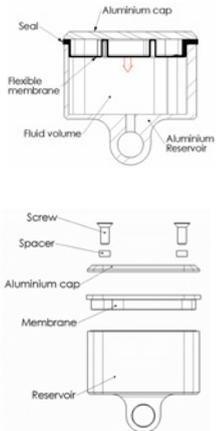
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- BERINGER Technology
- They trust us ...

History Values	Lever only P/N	M. Cylinder (included)	Description	Lever weight	
Contacts	AV-CUB-122	MP-001.4	Using ball bearings for perfect control of the braking power. Pedal ratio adjustable.	1.26	568
SensAIR					
Complete Kits					
Landing Gear					
Wheels Brakes					
Nose wheel Tailwheel					
Tires					
Axles	AV-CUB-120	MP-003.2	Using ball bearings for perfect control of the braking power. Pedal ratio adjustable.	1.14	518
Master Cylinders					
Limiters Anti-skid					
Parking Brake Valve					
Brake lines Fittings					
Spare Parts					
Tools					
BERINGER Technology					
They trust us ...					

Integral Reservoirs (Brake fluid)

Red aluminum reservoirs

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



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

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



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Nose wheel Tailwheel

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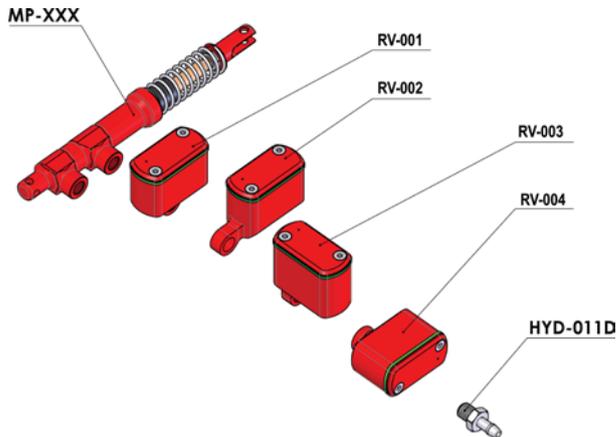
Tools

BERINGER Technology

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Reservoirs (Brake Fluid)

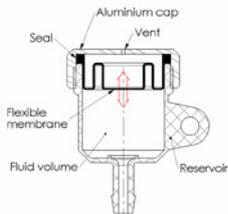
Several ways of mounting the reservoirs on the master cylinders



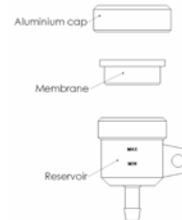
Remote Brake Fluid Reservoir

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 brake fluid only



Reservoir P/N	Description	Weight oz	g	Brake fluid
HFA01E	Remote Reservoir	1.38	39	DOT4



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

Hand Master Cylinders



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

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

XX-XXXE



Option : parking brake FP-004

Master cylinder P/N (old / new P/N)	Description		Scheme	Weight oz	g	Brake fluid
HAB01/MM-001	Master cylinder + built-in reservoir <i>MM-004 lever bushing kit is optional</i>			10.41	295	DOT4
HAB02/MM-001 +FP-004	Master cylinder + built-in reservoir + parking brake			10.41	295	DOT4
HAA03/MM-003	Additional master cylinder (mounting in serie : co-pilot brake). To be used with HAB01/MM-001 or HAB02/MM-001			10.02	284	DOT4
FP-004/PKP01	Parking brake for HAB01/MM-001 and HAA03/MM-003			0,1	3	-

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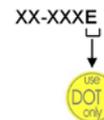
They trust us ...

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



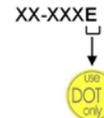
Master cylinder P/N (old / new P/N)	Description	Weight		Brake fluid
		oz	g	
HAC01/MM-002	Master cylinder + reservoir cable actuated	10.41	295	DOT4
AV-SCHE-208	Bracket 	-	-	-

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	Weight		Brake fluid
		oz	g	
HAB04/MM-001	Master cylinder + reservoir hand actuated	10.41	295	DOT4
MM-004	Lever ends	-	-	-

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

Dual ALIR Regulator



Single ALIR Regulator



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

www.beringer-aero.com

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

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

Double advantage:

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

Many accidents are caused by a bad braking handling.

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

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

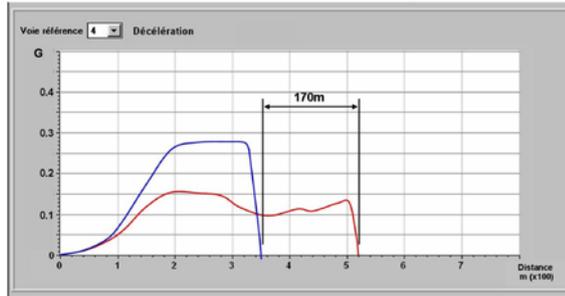
This regulator is included in most of the BERINGER Kits.

EMERGENCY BRAKING : comparison:

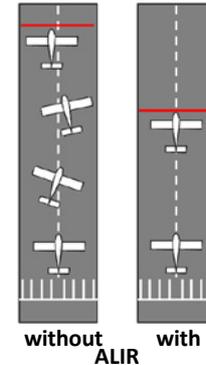
- Blue curve : with ALIR: the pilot applies full braking without any control (similar to a car ABS)

- Red curve : without ALIR: no regulation, the pilot must control the braking (in both cases, conditions are the same: same plane, same brakes)

Weight of the aircraft: 1200 kg, braking speed: 70 Kt



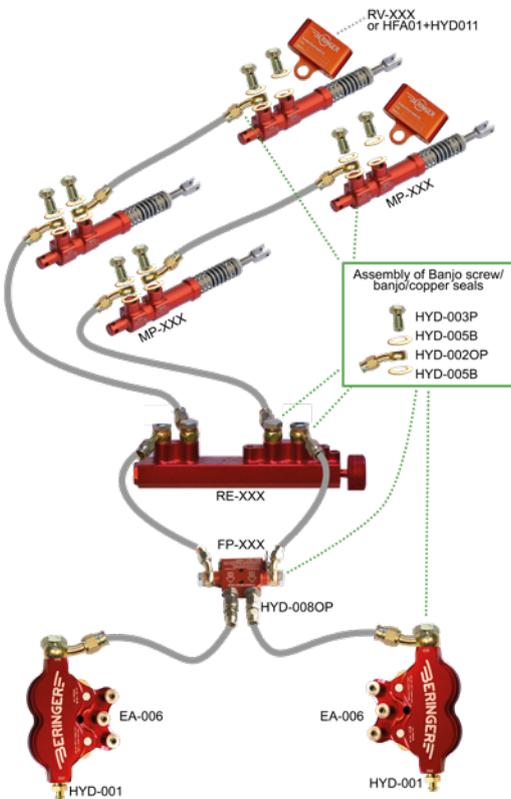
Nota: BERINGER brake pads used in the ALIR system have a friction coefficient that increases with the temperature allowing an increase of the deceleration when the lift decreases on the wings.



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



This configuration can be modified depending on the Aircraft

Adjustable anti-lock pressure regulator ALIR

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

Note :

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

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

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

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

Brake fluid indication



Ultralight Pressure Limiter



Non-adjustable pressure limiter for symmetrical braking

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

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

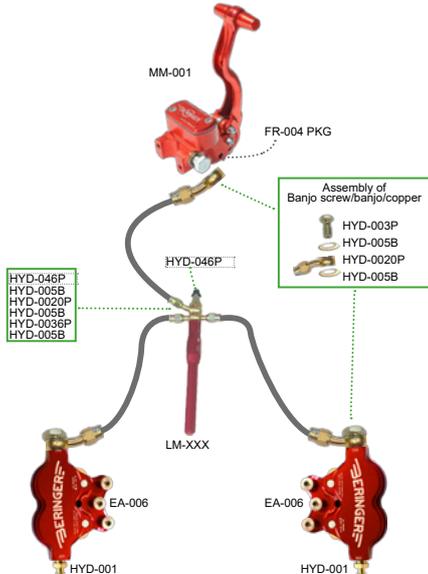
Therefore it reduces the stopping distances.

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

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

They are available for DOT4 or MIL brake fluid.

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



Pressure limiters

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

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

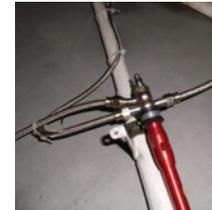


Brake fluid indication

XX-XXXE



XX-XXXN



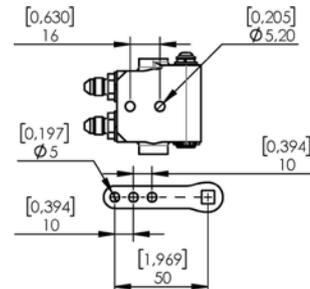
Parking Brake Valve



Parking Brake Valve

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

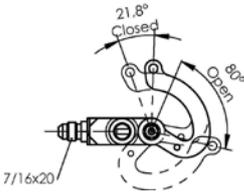
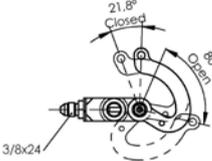
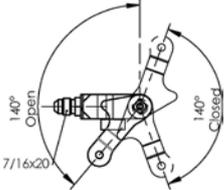
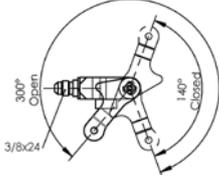
Remark : The parking brake valve is designed to be operated with a push-pull button and a cable except FP-005.1 and FP-005.2

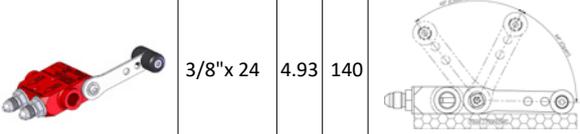
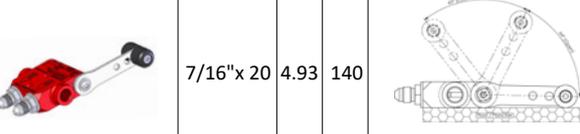


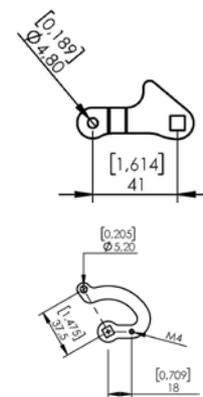
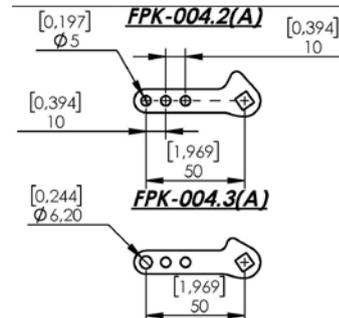
Park. valve P/N	Output	Weight oz g		
FP-001	3/8"x 24	4.52	128	
FP-003.2	7/16"x 20	4.73	134	

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

Parking Brake Valve

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

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



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- They trust us ...

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

There are other possibilities, do not hesitate to contact us

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

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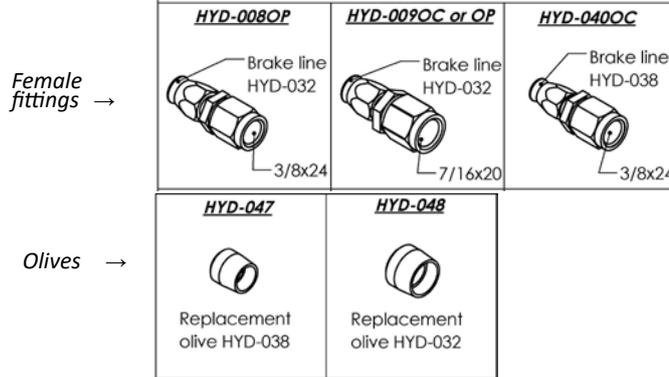
Bleeding screws
 Banjo screws
 Seal →

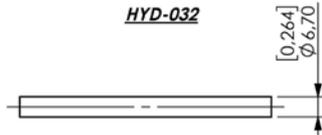
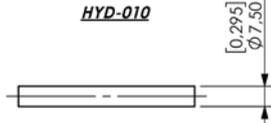
Adapters →

Banjos to screw →

Olive Banjos →

<i>HYD-001P</i>	<i>HYD-046P</i>	<i>HYD-003P</i>	<i>HYD-030P</i>	<i>HYD-005B</i>		
<i>HYD-006P</i>	<i>HYD-007P or C</i>	<i>HYD-016P</i>	<i>HYD-056P</i>	<i>HYD-027D</i>	<i>HYD-023D</i>	<i>HYD-011D</i>
<i>HYD-002VC</i>	<i>HYD-014VC</i>	<i>HYD-013VC</i>	<i>HYD-022VC</i>	<i>HYD-019VC</i>	<i>HYD-049VC</i>	← Banjos to be screwed on straight fittings : <i>HYD-008OP</i> <i>& HYD-009OC</i>
<i>HYD-002OP</i>	<i>HYD-014OP</i>	<i>HYD-013OP</i>	<i>HYD-022OP</i>	<i>HYD-019OP</i>	<i>HYD-036OP</i>	<i>HYD-039OC</i>



Brake line P/N	Description
	
HYD-038	
HYD-032	HYD-032 
HYD-010 + plastic braided	HYD-010 



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



→ [How to bleed your brakes](#)

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Spare parts : wheel O'ring - Valves

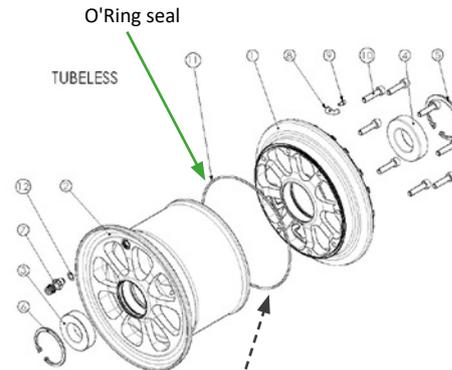
Caution : old wheel P/N are not listed here but the seals are available. Please contact us.

Wheels in 3 parts : please contact us

Wheel with brake P/N	O'ring seal P/N
RF-003	1x J-JTR-010N
RF-004	1x J-JTR-007N
RF-006	1x J-JTR-007N
RF-009	1x J-JTR-007N
RF-010	1x J-JTR-023N 1x J-JTR-024N
RF-010.1	1x J-JTR-023N 1x J-JTR-024N
RF-011	1x J-JTR-013N 1x J-JTR-009N
RF-013	1x J-JTR-019N
RF-013.1	1x J-JTR-019N
RF-014	1x J-JTR-007N
RF-015.1	1x J-JTR-007N
RF-015.2	1x J-JTR-007N
RF-016	1x J-JTR-007N
RF-017	1x J-JTR-007N
RF-018	1x J-JTR-006N
RF-019	1x J-JTR-006N
RF-020	1x J-JTR-006N
RF-021	1x J-JTR-006N
RF-022	1x J-JTR-006N
RF-024	1x J-JTR-040N
RF-025	1x J-JTR-007N
RF-027	1x J-JTR-040N 1X J-JTR-052N
RF-028	1x J-JTR-024N

Nose wheel P/N	O'ring seal P/N
RA-003	1x J-JTR-019N
RA-005	1x J-JTR-007N
RA-008	1x J-JTR-009N 1x J-JTR-016N
RA-009	1x J-JTR-007N
RA-010	1x J-JTR-007N
RA-012	1x J-JTR-027N
RA-013	1x J-JTR-007N
RA-014	1x J-JTR-006N
RA-015	1x J-JTR-006N
RA-016	1x J-JTR-007N

Wheel P/N	Valve P/N
RF-003	A-002
Any other wheel	A-001



O'ring seal : must be changed at each tire changing ↓



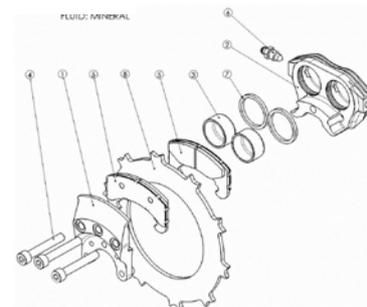
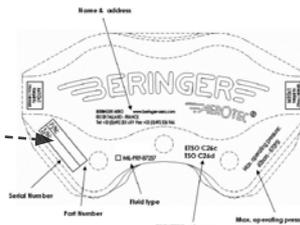
→ [How to mount a tubeless tire](#)



→ [How to remove a tubeless tire](#)

Spares parts : Brake discs / Brake pads

Remark : the quantity of disc and pad per braking caliper is indicated
 the part numbers P/N are indicated on all parts
 The other spare parts are available on order.
 Please contact us.



Brake pads



Brake disc

Brake caliper (Disc) P/N	type of brake	Disc P/N Quantity per caliper	Pads P/N Quantity per caliper
EA-001 (DSC-011) PQT-008	Single	1x DSC-011	2x PQT-008
EA-001 (DSC-011.2) PQT-016	Single	1x DSC-011.2	2x PQT-016
EA-002 (DSC-008)	Single	1x DSC-008	2x PQT-009
EA-002.2 (DSC-008.2)	Single	1x DSC-008.2	2x PQT-009
EA-003 (DSC-009)	Single	1x DSC-009	2x PQT-010
EA-003.2 (DSC-014)	Single	1x DSC-014	2x PQT-009
EA-003.3 (DSC-009.3)	Single	1x DSC-009.3	2x PQT-010
EA-003.4 (DSC-009.3)	Dual	1x DSC-009.3	4x PQT-010
EA-003.5 (DSC-009.4)	Dual	1x DSC-009.4	4x PQT-010
EA-003.7 (DSC-009.4)	Single	1x DSC-009.4	2x PQT-010
EA-003.8 (DSC-014)	Single	1x DSC-014	2x PQT-009
EA-003.9 (DSC-014)	Dual	1x DSC-014	4x PQT-009
EA-004 (DSC-009.3)	Single	1x DSC-009.3	2x PQT-010
EA-004.1 (DSC-009.5)	Dual	1x DSC-009.5	4x PQT-014
EA-004.2 (DSC-009.5)	Dual	1x DSC-009.5	4x PQT-014
EA-004.3 (DSC-009.5)	Dual	1x DSC-009.5	4x PQT-014
EA-004.5 L/R (DSC-009.5)	Dual	1x DSC-009.5	4x PQT-014
EA-006 + all EA-006.XX (DSC-006)	Single	1x DSC-006	1x PQT-003 1x PQT-004
EA-006.10 /6.11 (DSC-006)	Dual	1x DSC-006	2x PQT-003 2x PQT-004
EA-007 and EA-007.1 (DSC-008.2)	Single	1x DSC-008.2	2x PQT-009
EA-008.1+EA-008.2 (DSC-012)	Single	1x DSC-012	2x PQT-012 (standard)
EA-008.1 +EA-008.2 (DSC-012)	Single	1x DSC-012	2x PQT-013 (other option)
EA-008.7 (DSC-012.2)	Dual	1x DSC-012.2	4x PQT-013
EA-009 (DSC-013)	Single	1x DSC-013	1x PQT-003 1x PQT-004
EA-009.1 (DSC-013)	Single	1x DSC-013	1x PQT-003 1x PQT-004
EA-010.1 (DSC-015)	Single	1x DSC-015	2x PQT-009
EA-011.2 (DCS-017.2)	Dual	1x DSC-017.2	4x PQT-013



→ [How to change brake pads](#)



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

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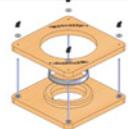
Tools

BERINGER Technology

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Tools

History Values	P/N	Description	Photo / Scheme
	ONA01	Spray lubricant Tire Up	-
Contacts	ONB01	Spray anti-puncture	-
SensAIR	ONC01	Brake bleeding kit	
Complete Kits			
Landing Gear	OPA03	Bent adapter for wheel valve (tire inflate)	
Wheels Brakes	OT160	Adapter for wheel valve (tire inflate) with fairing	
Nose wheel Tailwheel			
Tires	OPA04	Wrench adapter for axle nut ECR-002 on FUS-009.2 (square 1/2")	
Axles	OPA05	Wrench adapter for nut ECR-001 (square 3/4")	
Master Cylinders	OPA07	High pressure pump 0-20 bars	
Limiters Anti-skid			
Parking Brake Valve	OPA12	High pressure pump 0-30 bars	
Brake lines Fittings	OPA08	Wrench adapter for nut ECR-002 on AV-VANS-200 axle (square 1/2")	
Spare Parts	OPA09	Milling cutter Ø20	
Tools	OPA10	Wrench adapter for nut ECR-002	

P/N	Description	Photo / Scheme
OPA11	Wrench adapter for nut ECR-004 (square 3/4")	
OHT02	Metric tool kit	
OUT-046(A) (Ancien 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)	
OT-012	Tire mounting tool : 8" RF-10 wheel	
Av-PIL-101	Special wrench to tighten wheel caps BCH-001	

BERINGER - An advanced Technology

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

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

BERINGER Wheels

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

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

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

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

BERINGER Brake Calipers/Discs

Covered by the AEROTEC® patents

Brake Calipers :

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

Brake Discs :

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

Patent
BERINGER AERO

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BERINGER AERO Research & Development Laboratory



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

Roll tests : 29" tires →

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

On the wheel itself we do 3 different tests :

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

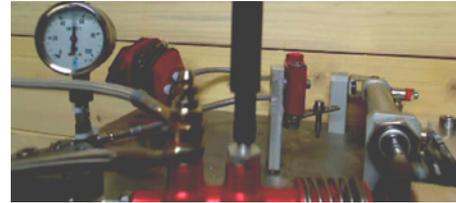
When the wheel has passed all the tests then we install the wheel on an aircraft for ground and flight checks...

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



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

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



Many tests are done to certify brake calipers and discs. One of those tests is the dynamic torque test; for this test we use our dynamometer. The kinetic energy capacity is tested with this machine. The dynamometer 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](#)



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How to choose your wheels & brakes

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

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

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

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

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

How can I order BERINGER parts ?

You can order through the BERINGER network as listed from the website www.beringer-aero.com
 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.

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

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

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



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

These fluids have been developed for the hydraulic brakes of motor vehicles and are called DOT3, DOT4, DOT5 or DOT5.1. DOT3 has lower performance and has been replaced by DOT4. DOT4 is the most commonly used fluid in motor vehicles. DOT5 is usually silicone-based, but is not commonly used, and is not miscible (“mixable”) with DOT3 or DOT4. DOT5.1 is not miscible with DOT5 and may also be not miscible with DOT3 or DOT4.

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

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

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



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

The hydraulic fluid MIL-H-5606 has been commonly used in general aviation for many years. The major deficiencies of MIL-H-5606 are its high flammability and a relatively low boiling point.

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

NBR (Nitrile) seals → mineral fluid → red color → MIL-PRF-87257 recommended
EPDM seals → DOT4 brake fluid → colorless to amber color → DOT4 only

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

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

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

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

The wrong brake fluid will damage the seals after only few minutes of contact. This is potentially dangerous because after a short period your brakes can lock, leak or stop working properly. If you have put the wrong fluid into the system, you will have to change all the seals of the entire system. (Note: this is true, regardless which brand of brake parts you use.)

If you have a BERINGER system, send the parts back to BERINGER service for repair. A quotation will be done.

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

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

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

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

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

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





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



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