



2024



Wheels - Brakes - Landing Gear www.beringer-aero.com

Mike Patey, Scrappy
"Beringer brakes are phenomenal. The quality of machining, engineering, and performance of these brakes is of the highest caliber, and I am







Edge 540 /Extra 330SC

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

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



«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 ?:) »







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!"

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France - Gap Tallard



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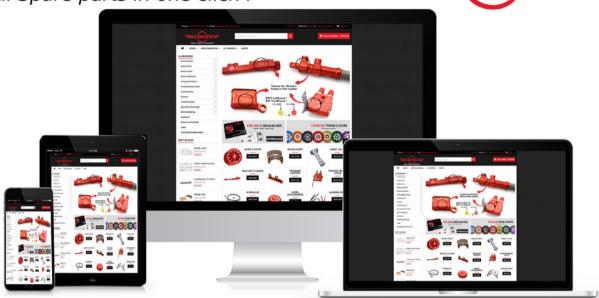
Webshop America: https://beringeraero.us/

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



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





>SHOP-BERINGERAERO.COM >BERINGERAERO.US Contacts

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Technology

Concentrate of Innovation

+ 15 to 30% kinetic energy

New Brake Technology





+ 20% braking torque = reduced landing distance BERINGER AERO innovates and takes a step forward with a new patented braking technology: AEROTEC+ The culmination of decades of production, testing, and experience, AEROTEC+ now offers a fundamentally new package designed for safety and increased performance!

4 New international patents

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



FEATURES #



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

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

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

New brake pads for EA-003 family



Aerotec+ design for flight school and PRO ELITE other intensive use.

+30% energy.

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



P/N POT-110.2

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

0 +15% energy

• Higher heat dissipation than Legacy brake pads

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



New brakes in replacement of the Legacy EA-006: EA-016- EA-017



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

♣ +15% energy

1 Higher heat dissipation than Legacy brake pads

Two floating pads provides cooling from all sides

1 Made of a special steel ally rated for higher temperatures

♣ Lower operating temperature = better caliper protection

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



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Technology

History

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

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

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

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

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

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

2017 BERINGER AERO USA got an FAA PMA production approval.

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

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

An advanced technology

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

Quality and Certification

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

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" FPV.





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Wheel Axles

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Brake Controls

Rudd'Air Pedals Regulators

Anti-skid

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

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

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

STC n°	Aircraft Make/Model	Content of the STC				
STC-002.1	Pilatus / PC-6	12" wheels- Tailwheel - Brakes (pilot) - Axles - Anti-lock regulator - Brake lines				
STC-002.2	Pilatus / PC-6	12" wheels - Tailwheel - Brakes (pilot/cop.) - Axles - Anti-lock regulator - Brake lines				
STC-002.3	Pilatus / PC-6	10" wheels - Tailwheel - Brakes (pilot/cop.) - Axles - Anti-lock regulator - Brake lines				
STC-002.4	Pilatus / PC-6	10" wheels- Tailwheel - Brakes (pilot) - Axles - Anti-lock regulator - Brake lines				
STC-003	Centrair / Pegase	Main wheel - Brake - Brake limiter - Parking valve - Reservoir - Axle - Brake line				
STC-004	Cirrus /SR20/SR22/SR22T	Main/nose wheels - DUAL brakes - Axles - Brake lines				
STC-005	Schleicher / ASW20	Main wheel - Brake - Brake limiter - Reservoir - Axle - Brake line				
STC-006	Robin / DR400	Brakes and brake supports				
STC-007	Schempp Hirth / Discus/Ventus2A	Main wheel - Brake - Axle - Brake line (Duo Discus available only from Shempp Hirth)				
STC-008	De Havilland / Twin Otter DHC-6	Nose wheel - Axle				
STC-009.3	Diamond / DA40	Main/nose wheels - Brakes - Reservoirs - Axles - Brake lines				
STC-010	Cirrus / SR20/SR22/SR22T	Main/nose wheels - single brakes - Anti lock regulator - Axles - Brake lines				
STC-011	UAB / Lak 17A	Main wheel - Brake - Brake limiter - Axle - Brake line				
	STC-002.1 STC-002.2 STC-002.3 STC-002.4 STC-003 STC-004 STC-005 STC-006 STC-007 STC-008 STC-009.3 STC-010	STC-002.1 Pilatus / PC-6 STC-002.2 Pilatus / PC-6 STC-002.3 Pilatus / PC-6 STC-002.4 Pilatus / PC-6 STC-003 Centrair / Pegase STC-004 Cirrus /SR20/SR22/SR22T STC-005 Schleicher / ASW20 STC-006 Robin / DR400 STC-007 Schempp Hirth / Discus/Ventus2A STC-008 De Havilland / Twin Otter DHC-6 STC-009.3 Diamond / DA40 STC-010 Cirrus / SR20/SR22/SR22T				

STC n°	Airplane name	Content of the STC
STC-012.1	Extra Aircraft / Single seater	Main wheels - Brakes - Reservoirs - Axles - Brake lines
STC-012.2	Extra Aircraft / Extra Two seater	Main wheels - Brakes - Reservoirs - Axles - Brake lines
STC-013.1	Diamond / DA42	Main/nose wheels - Single brakes - Axles - Brake lines
STC-13.2	Diamond / DA42NG	Main/nose wheels - Single brakes - Axles - Brake lines
STC-014.1	Piper / PA-28 150/151/160/161	Main/nose wheels - Brakes (pilot/co pilot) - Axles - Brake lines
STC-014.2	Piper / PA-28 180/181	Main/nose wheels - Brakes (pilot/co pilot) - Axles - Brake lines
STC-014.3	Piper / PA-28 150/151/160/161	Main/nose wheels - Brakes (pilot/co pilot) - Axles - Brake lines
STC-015	DG Flugzeugbau / LS4	Main wheel - Brake - Brake limiter - Axle - Brake line
STC-016	Piper / PA-18 Cleveland/Grove	Brake Heel master cylinders
STC-017.1	Piper / PA-46 310P/350P/350T	Main/nose wheels - Brakes (pilot/co pilot) - Axles - Brake lines
STC-017.2	Piper / PA46 500TP	Main/nose wheels - DUAL brakes (pilot/co pilot) - Axles - Brake lines
STC-018	Piper / PA-18 Cleveland/Grove	ALG Landing gear - Axle kit 1.5"
STC-018.2	Piper / PA-18	10" Main wheels - Heel brakes - Reservoirs - Axles - ALG landing gear
STC-018.3	Piper / PA-18	6" Main wheels - Heel brakes - Reservoirs - Axles - ALG landing gear
STC-019.1	Piper / PA-18 - Axle 1.5"	10" Main wheels - Heel brakes - Reservoirs - Axle adaptation parts
STC-019.2	Piper / PA-18 - Axle 1.25"	10" Main wheels - Heel brakes - Reservoirs - Axle adaptation parts
STC-021	Diamond / DA62	Main/nose wheels - Tires - Single brakes - Axles - Brake lines
STC-022.1	Cessna / 180/182 with fairings	Main wheels - Brakes - Reservoirs - Axles - Brake lines
STC-022.2	Cessna / 180/182 without fairings	Main wheels - Brakes - Reservoirs - Axles - Brake lines
STC-022.3	Cessna / 1820/182 with fairings	Nose wheel - Axle
STC-022.4	Cessna / 180/182 without fairings	Nose wheel - Axle
STC-022.5	Cessna / 182 - Tube LG	Brake line set
STC-022.6	Cessna / 182 - Spring LG	Brake line set
STCE-102*	Curtis / Pitts S1-S2	Main wheels - Brakes - Reservoirs - Axles - Brake lines (*STC owned by Air Projet)

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Webshop	Aircraft Make/ Model	Wheel/Brake package P/N	Brake controls (included)	(optional)	colour	Accessories (order separately)	Notes
AEROTEC* Patents	Centrair / Pegase	STC-003 Wheel 5.00-5"	1x master cylinder Reservoir		standard red or	TP-005 SensAIR® 5"	
History/ Values		*tire 5.00-5" Caliper/disc/pads	Parking brake - Limiter Brake lines/fittings		black color		
Certified kits/STCs		Axle	Drake inies/ rittings				
Exp. Kits							
SensAIR®	Cessna / 180/182	STC-022.1 Wheels 6.00-6"	2x master cylinders 3x Reservoirs	STC-022.3 Wheel 5"		TP-006 SensAIR® 6"	
Landing Gears ALG/B'FleX	With fairings	Calipers/discs/pads Axles	Brake lines/fittings	Axle	other colors	TP-005 SensAIR® 5"	
Shock Wheel	Cessna /	STC-022.2	2x master cylinders	STC-022.4	option		
Wheels/Brakes	180/182 Without fairings	Wheels 6.00-6" Calipers/discs/pads	3x Reservoirs Brake lines/fittings	Wheel 5" Axle	633		
Nose-Tailwheels	, ,	Axles					
Tires	Cessna / 182	STC-022.5 Brake line set					
Wheel Axles	Tube LG	Bracket					
Brake Controls Rudd'Air Pedals	Cessna / 182	STC-022.6 Brake line set			(883)		
	Spring LG	Bracket					
Regulators Anti-skid		- 45		1			
Parking Valves		2511					
Hoses/Fittings							Tit.







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Aircraft Make/ Model	Wheel/Brake package P/N	Brake controls (included)	Nose wheel P/N (included)	
Cirrus / SR20/22/22T	STC-010 single brake Wheels 6.00-6" Calipers/discs/pads Axles	4x master cylinders Brake lines/fittings	Nose wheel 5" Axle	(
Cirrus / SR20/22/22T	STC-004 DUAL brake Wheels 6.00-6" Calipers/discs/pads Axles	4x master cylinders ALIR regulator Brake lines/fittings	Nose wheel 5" Axle	







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colors option







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Contacts Webshop	Aircraft Make/ Model	Wheel/Brake package P/N	Brake controls (included)	Wheel colour	Accessories (order separately)	Notes
AEROTEC* Patents	Curtis / Pitts S1/S2	STCE-102* Wheels 5.00-5"	2x master cylinders Reservoirs	standard red or	TP-005 SensAIR® 5"	*STC owned by Air Projet
History/ Values		*tires 5.00-5" Calipers/discs/pads	Brake lines/fittings	black color		-
Certified kits/STCs Exp. Kits		Axles				
SensAIR®		The Park To			Sens	
Landing Gears ALG/B'FleX Shock Wheel	Onlis Onnie			other colors option		
Wheels/Brakes	7		LLTOY			
Nose-Tailwheels						
Tires	The second	Francisco Control Control				
Wheel Axles Brake Controls						
Rudd'Air Pedals				660		
Regulators Anti-skid						
Parking Valves	A STATE OF THE STA					
Hoses/Fittings						
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Aircraft Make/ Model	Wheel/Brake package P/N	Brake controls (included)	Nose wheel (included)	Wheel colour	Accessories (order separately)	Notes	History/ Values
DG Flugzeugbau / LS4	STC-015 Wheel 4.00-5" *tire 11x4.00-5" Caliper/disc/pads Axle/parts	1x master cylinder Reservoir Parking brake Limiter Brake lines/fittings		standard red or black color	TP-005 SensAIR® 5"		Contacts Another Patents Certified kits /STCs Exp. Kits
Diamond / DA40	STC-009.3 STC-009 Tundra Wheels 6.00-6" Calipers/discs/pads Axles	4x master cylinders 2x reservoirs Brake lines/fittings	Wheel 5.00-5" Axle	other colors option	TP-006 SensAIR® 6" TP-005 SensAIR® 5"		SensAIR® Landing Gears ALG/B'FleX Shock Wheel Wheels/Brakes Nose-Tailwheels
Diamond / DA42	STC-013.1 Wheels 6.00-6" Calipers/discs/pads Axles	4x master cylinders 2x reservoirs Brake lines/fittings	Wheel 5.00-5" Axle		TP-006 SensAIR® 6" TP-005 SensAIR® 5"	Wheel caps où ??	Tires Wheel Axles Brake Controls Rudd'Air Pedals Regulators
Diamond / DA42NG	STC-013.2 Wheels 6.00-6" Calipers/discs/pads Axles	4x master cylinders 2x reservoirs Brake lines/fittings	Wheel 5.00-5" Axle		TP-006 SensAIR® 6" TP-005 SensAIR® 5"		Anti-skid Parking Valves Hoses/Fittings Spare Parts
Diamond / DA62	STC-021 Wheels 6.00-6" Calipers/discs/pads Axles	4x master cylinders 2x reservoirs Brake lines/fittings	Wheel 6.00-6" Axle		TP-006 SensAIR® 6"		Tools BERINGER Aero Technology FAQs They trust us

Contacts Webshop	Aircraft Make/ Model	Wheel/Brake package P/N	Brake controls (included)	Nose / Tailwheel (Included)	Wheel colour	Accessories (order separately)	Notes
Patents History/ Values	Extra Aircraft / Extra single seater	STC-012.1 Wheel 5.00-5" Caliper/disc/pads Axle/	2x master cylinders 2x reservoirs Brake lines/fittings		standard red or black	TP-005 SensAIR® 5"	
Certified kits /STCs		parts	brake lines/fittings		color		
Exp. Kits	Extra Aircraft / Extra two seater	STC-012.2 Wheel 5.00-5"	4x master cylinders 2x reservoirs	and the state of t		TP-005 SensAIR® 5"	
SensAIR®		Caliper/disc/pads Axle/ parts	Brake lines/fittings	To and the second			
Landing Gears ALG/B'FleX Shock Wheel	minosino)				other colors option		
Wheels/Brakes	Pilatus /	STC-002.1 Pilot brakes	2x master cylinders	Tailwheel 5.00-4"	(23)		It is possible to
Nose-Tailwheels	PC-6	Wheels 12"	ALIR regulator Brake lines/fittings	Axle			switch from pilot STC to pilot+co-pilot STC
Tires		Calipers/discs/pads Axles	brake inics/fittings		683		to phot teo-phot ste
Wheel Axles							
Brake Controls Rudd'Air Pedals		STC-002.2 Pilot+Co-pilot brakes Wheels 12"	4x master cylinders ALIR regulator Brake lines/fittings	Tailwheel 5.00-4" Axle			
Regulators Anti-skid		Calipers/discs/pads Axles					
Parking Valves		STC-002.4 Pilot brakes	2x master cylinders	Tailwheel 5.00-4"			
Hoses/Fittings		Wheels 10" Calipers/discs/pads	ALIR regulator Brake lines/fittings	Axle			
Spare Parts		Axles					
Tools		STC-002.3	4x master cylinders	Tailwheel 5.00-4"			
FAQs	(B)	Pilot+Co-pilot brakes Wheels 10"	ALIR regulator Brake lines/fittings	Axle			
BERINGER Aero Technology	A AND STATE OF THE PARTY OF THE	Calipers/discs/pads Axles					
Thou truct us							

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

Contacts							
Webshop	Aircraft Make/Model	Wheel/Brake package P/N	Brake controls (included)	Nose / Tailwheel (Included)	Wheel colour	Accessories (order separately)	Notes
Amoite Patents	Piper / PA-28 180/181	STC-014.2 Wheels 6.00-6"	4x master cylinders Brake lines/fittings	Nose wheel 6.00-6" Axle/parts	standard red or	TP-006 SensAIR® 6"	The 3 STC's include pilot and co-pilot
History/ Values		Calipers/discs/pads	/\	, p	black color		brakes
Certified kits/STCs	- 72	Axles/parts					
Exp. Kits	3						
SensAIR®							
Landing Gears ALG/B'FleX Shock Wheel	Piper / PA-28 150/151/160/161 With wheel fairings	STC-014.1 Wheels 6.00-6" Calipers/discs/pads Axles/parts	4x master cylinders Brake lines/fittings	Nose wheel 5.00-5" Axle/parts	other colors option	TP-005 SensAIR® 5" TP-006 SensAIR® 6"	
Wheels/Brakes		Axies/paits				Selisair 0	
Nose-Tailwheels	Piper / PA-28	STC-014.3	4x master cylinders	Nose wheel 5.00-5"			
Tires	150/151/160/161 Wihout wheel fairings	Wheels 6.00-6" Calipers/discs/pads	Brake lines/fittings	Axle/parts	(50)	T sens	
Wheel Axles		Axles/parts					
Brake Controls Rudd'Air Pedals	Piper / PA-46 310P/350P/350T	STC-017.1 Wheels 6.00-6"	4x master cylinders Brake lines/fittings	Nose wheel 5.00-5"		TP-005 SensAIR® 5"	The 2 STC's include pilot and co-pilot
Regulators Anti-skid		Calipers/discs/pads Axles/parts				TP-006 SensAIR® 6"	brakes
Parking Valves							
Hoses/Fittings							
Spare Parts						B sens	
Tools	Piper / PA-46 500TP	STC-017.2 Wheels 6.00-6"	4x master cylinders	Nose wheel 5.00-5"			
FAQs		Calipers/discs/pads	Brake lines/fittings				
BERINGER Aero Technology		Axles/parts					
They trust us							

Aircraft Make/ Model	Wheel/Brake package P/N	Brake controls (included)	Nose / Tailwheel (Included)	Wheel colour	Accessories (order separately)	Notes	History/ Values
Robin / DR400	STC-006 Brake : caliper/disc/pads Special flange/brake			standard red or black			Contacts Another Patents
A STATE OF	support			color			Certified kits /STCs
							Exp. Kits SensAIR®
							Landing Gears ALG/B'FleX
Schempp Hirth / Discus/Ventus 2A	STC-007 Wheel 4.00-5"	1x master cylinder Reservoir		other colors option	TP-005 SensAIR® 5"		Shock Wheel
7	*tire 11x4.00-5" Caliper/disc/pads	Brake lines/fittings		Орион			Wheels/Brakes Nose-Tailwheels
	Axle/parts		The second second				Tires
Schleicher / ASW20	STC-005 Wheel 5.00-5"	1x master cylinder Reservoir			TP-005 SensAIR® 5"		Wheel Axles
, \	*tire 5.00-5" Caliper/disc/pads	Limiter Axle					Brake Controls Rudd'Air Pedals
-	Axle/parts	Brake lines/fittings					Regulators Anti-skid
UAB / Lak 17A	STC-011 Wheel 5.00-5"	1x master cylinder Reservoir			TP-005 SensAIR® 5"		Parking Valves
	*tire 5.00-5 Caliper/disc/pads	Parking brake	!		JEIIJAIN J	1	Hoses/Fittings
1	Axle/parts	Brake lines/fittings	!			1	Spare Parts
Viking Air /			STC-008				Tools BERINGER Aero
Twin Otter DHC-6			Nose wheel kit Wheel 8.9x12.5"				Technology
73 - oat 3 - ou			Axle				FAQs
0 50							They trust us

Contacts

Webshop

Amorite Patents

History/ Values

Certified kits/STCs

Exp. Kits

SensAIR®

Landing Gears ALG/B'FleX Shock Wheel

Wheels/Brakes

Nose-Tailwheels

Tires

Wheel Axles

Brake Controls Rudd'Air Pedals

> Regulators Anti-skid

Parking Valves

Hoses/Fittings

Spare Parts

- - - - -

Tools

FAQs

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Installing a BERINGER wheel and brake kit on your aircraft greatly increases the braking performance and raises your level of safety. The landing gear solutions, Alaskan Landing Gear for taildraggers and Shock Wheel for spring gears, come as options with the wheel and brake kits.

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

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

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

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

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

















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	* Tires are optional and	not part of the standar	d kits					Contacts
Aircraft Make/ Model	Wheel/Brake package P/N	Brake controls (included)	Nose/Tailwheel P/N (optional)	Wheel colour	Landing Gear (optional)	Accessories (order separately)	Notes	Webshop
A2CZ / Ellipse	SEL01 Wheels 4.00-6"	1x master cylinder lever - reservoir	SAE01A wheel 4.00-6"	standard red or		- SensAIR®		Amoric* Patents
	*tires 15x6.00-6" Calipers/discs/pads	parking brake	*tire 13x5.00-6"	black color				History/ Values
	Axles - Wheel caps	Brake lines/fittings	daic	(23)				Certified kits/STCs
								Exp. Kits
Aero East	SLI01	1x master cylinder	6"			- SensAIR®		SensAIR®
Europe / Sila	Wheels 4.00-6" *tires 15x6.00-6" Calipers/discs/pads	reservoir 1x pressure limiter Brake lines/fittings	wheel 4.00-6" *tire 15x6.00-6"	other colors option				Landing Gears ALG/B'FleX Shock Wheel
Ú Ú	Axles - Wheel caps					O sens		Wheels/Brakes
								Nose-Tailwheels
Aero Super	SGU01	1x master cylinder	Ask us	(573)	Shock wheel :	- SensAIR®	There are seve-	Tires
Guépard / Super Guépard	Wheels 4.00-6" *tires 4.00-6"	reservoir parking brake			ask us B'FleX LG	- Co-pilot hand brake	ral original LG : ask us to make	Wheel Axles
	Calipers/discs/pads Axles - Wheel caps	limiter Brake lines/fittings			1 1		sure of the cor- rect dimensions	Brake Controls Rudd'Air Pedals
						G B		Regulators Anti-skid
								Parking Valves
Aeropilot /	SLG01	Brake lines/fittings	SLG01A		•	- SensAIR®		Hoses/Fittings
Legend 540	Wheels 4.00-6"	Traite inies, itemige	wheel 3.50-4" *tire 4.00-4"					Spare Parts
	Calipers/discs/pads		Axle					Tools
The same	Axles - Wheel caps					Sans Sans		FAQs
								BERINGER Aero Technology



	*	Tires are optional and n	ot part of the standard l	kits				
Contacts Webshop	Aircraft Make/ Model	Wheel/Brake package P/N	Brake controls (included)	Nose/Tailwheel P/N (optional)	Wheel colour	Landing Gear (optional)	Accessories (order separately)	Notes
History/ Values Certified kits/STCs Exp. Kits SensAIR®	Aeroprakt / A22/A32	SA201 new types SA201 first types Wheels 6.00-6" *tires 15x6.00-6" Calipers/discs/pads Axles - Wheel caps	1x master cylinder Reservoir Parking brake Limiter Brake lines/fittings	SA201A wheel 4.00-6" *tire 15x6.00-6" Axle	standard red or black color	- Shock Wheel - SPEED'AIR fairings	- SensAIR®	Wheel/brake kit for new A22 only. Kit for the 1st type in progress.
Landing Gears ALG/B'FleX Shock Wheel Wheels/Brakes Nose-Tailwheels	Aeropro / Eurofox	SA201 Wheels 6.00-6" *tires 15x6.00-6" or 6.00-6" or 22" (bush use) Calipers/discs/pads Axles - Wheel caps	2x master cylinders Reservoirs ALIR regulator Brake lines/fittings	Tailwheel: GLR groundloop resistant Wheel 4" TW support Lever/cable to lock/unlock	other colors option	- Shock Wheel (two types depending on the tires)	- SensAIR® - Parking brake - Rudd'AIR pedal - Axles for Datum	s (pilot/co-pilot) n skis
Wheel Axles Brake Controls Rudd'Air Pedals Regulators Anti-skid	Aerospool / WT9 Club	SAE02 Wheels 4.00-6" *tires 15x6.00-6" Calipers/discs/pads Axles - Wheel caps	1x master cylinder Reservoir ALIR Regulator Brake lines/fittings	SAE02A wheel 4.00-6" *tire 13x5.00-6" Axle		- Shock Wheel	- SensAIR®	
Parking Valves Hoses/Fittings Spare Parts	Aerospool / WT9	SAE01 Wheels 4.00-6" *tires 15x6.00-6" Calipers/discs/pads Axles - Wheel caps	1x master cylinder Reservoir ALIR Regulator Brake lines/fittings	SAE01A wheel 4.00-6" *tire 13x5.00-6" Axle		- Shock Wheel	- SensAIR®	
FAQs BERINGER Aero Technology They trust us	Aerospool / WT10	SAE03 Wheels 5.00-5" *tires 11x4.00-5" Calipers/discs/pads Axles - Wheel caps	1x master cylinder Reservoir ALIR Regulator Brake lines/fittings	included: wheel 4.00-6" *tire 13x5.00-6" Axle		- Shock Wheel	- SensAIR®	

* Tires are optional and not part of the standard kits

AT-								
	US catalog strin	ng Examp	le: WT9F4X6NWRI	НВ				
Aircraft Make	Aircraft Model	Landing Gear (optional)	Wheel & Brake Package	Tailwheel/Nose wheel (optional)	Wheel Color	Controls	Options (Check all that apply)	Accessories (Order Separately)
Aerospool	WT9F □	SW□	4X6 □	NW □	R□	НВ □	L	Sensair
	Dynamic WT9 (Fixed LG)	Shockwheel Lan- ding Gear System	4.00-6" SL Wheel & Single Brake	4.00-6" SL Nose Wheel	Red	Hand Brake Master Cylinder	Pressure Limiter	Tire Pressure Monitoring System
CONTRACT OF					BL □			SpeedAIR
AND ADDRESS OF					Black			Wheel Pant/Fairing
					SP □			
					Special Color			

	US catalog strir	ng Examp	ole: WT9R4X6NWRI	НВ				
Aircraft Make	Aircraft Model	Landing Gear (optional)	Wheel & Brake Package	Tailwheel/Nose wheel (optional)		Controls	Options (Check all that apply)	Accessories (Order Separately)
Aerospool	WT9R □		4X6 □	NW 🗆	R□	НВ □	L 🗆	Sensair
	Dynamic WT9 (Retract LG)	Not Applicable	4.00-6" SL Wheel & Single Brake	4.00-6" SL Nose Wheel	Red	Hand Brake Master Cylinder	Pressure Limiter	Tire Pressure Monitoring System
The second second		_			BL □			
September 1					Black			
					SP □			
					Special Color			

Aircraft Make/ Model	Wheel/Brake package P/N
Airlony / Skylane	SSK05 (recent model) SSK02 (first model) Wheels 4.00-6"
	*tires 4.00-6" Calipers/discs/pad Wheel caps

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

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

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

colour standard red or black color

Wheel



Landing Gear (optional) - SensAIR®

- Shock Wheel



Accessories

(order separately)

- Parking brake

- Co-pilot brakes

Contacts

Webshop

Patents

History/ Values Certified kits/STCs

Exp. Kits

SensAIR®

Landing Gears ALG/B'FleX Shock Wheel

Wheels/Brakes

Nose-Tailwheels

Tires

Wheel Axles

Brake Controls Rudd'Air Pedals

Regulators Anti-skid

Parking Valves

Hoses/Fittings

Spare Parts

options Tools





Notes

Other colour

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	*	Tires are optional and no	nt nart of the standard ki	÷s				
Contacts Webshop	Aircraft Make/ Model	Wheel/Brake package P/N	Brake controls (included)	Nose/Tailwheel P/N (optional)	Wheel colour	Landing Gear (optional)	Accessories (order separately)	Notes
History/ Values Certified kits/STCs Exp. Kits	AirRes / Bücker Jungmeister	SBJ02 Wheels 6.00-6" Calipers/discs/pads Axles - Wheel caps	2x master cylinders Reservoirs ALIR Regulator Brake lines/fittings		standard red or black color		- SensAIR® - Parking brake	The axle must be machined from ø38.3 to 38.1mm
SensAIR® Landing Gears ALG/B'FleX Shock Wheel Wheels/Brakes Nose-Tailwheels	AirRes / Bücker Jungmann	SBJ01 Wheels 6.00-6" *tires 6.00-6" Calipers/discs/pads Axles - Wheel caps	2x master cylinders Reservoirs ALIR Regulator Brake lines/fittings		other colors option		- SensAIR® - Parking brake - Co-pilot brakes	Some special parts must be ordered direct to AirRes . The axle must be machined from ø38.3 to 38.1mm
Wheel Axles Brake Controls Rudd'Air Pedals	Alpi Aviation / Pioneer P200/300 Kite	SPI01 Wheels 4.00-6" *tires 4.00-6" Calipers/discs/pads Axles - Wheel caps	1x master cylinder Reservoir Limiter Brake lines/fittings	SPI01A wheel 3.50-4" *tire 4.00-4" Axle		Shock Wheel	- SensAIR® -Co-pilot hand brake	
Regulators Anti-skid Parking Valves Hoses/Fittings Spare Parts	Alpi Aviation / Pioneer P300 RLG	SPI03 Wheels 4.00-6" *tires 4.00-6" Calipers/discs/pads Axles - Wheel caps	1x master cylinder Reservoir Limiter Brake lines/fittings	SPI01A wheel 3.50-4" *tire 4.00-4" Axle		Shock Wheel	- SensAIR® -Co-pilot hand brake	
FAQs BERINGERAero Technology They trust us	Alpi Aviation / Pioneer P400	SPI02 Wheels 5.00-5" *tires 5.00-5" Wheel caps	1x master cylinder Reservoir Limiter Brake lines/fittings	4" nose kit wheel 3.50-4" *tire 4.00-4" Axle			- SensAIR® -Co-pilot hand brake	



SensAIR®

* Tires are optional and not part of the standard kits Contacts Aircraft Make/ Nose/Tailwheel Wheel Wheel/Brake Brake controls **Landing Gear** Accessories Notes Model P/N (optional) package P/N colour (optional) (order separately) (included) Webshop SAP01 Brake AV-POL-030 - SensAIR® **Apollo Aircraft** standard Amorite Patents Wheels 4.00-6" wheel 4.00-6" red or controls/ Apollo Fox black *tires 6.00-6" *tire 4.00-6" hvdraulic/park History/ Values color Calipers/discs/pads Axle brake: ask us Certified kits /STCs Axles Exp. Kits SensAIR® SAP02 2x master cylinders Shock Wheel - SensAIR® **Apollo Aircraft** Wheels 6.00-6" Reservoirs - SPEED'AIR - Parking brake Apollo Fox Landing Gears ALG/B'FleX Shock Wheel Calipers/discs/pads **ALIR Regulator** other fairings - Co-pilot colors Axles- Wheel caps Brake lines/fittings brakes option Wheels/Brakes Nose-Tailwheels SAG03 1x master cylinder - Shock Wheel - SensAIR® Argo Aero / Wheels 4.00-6" Reservoir - SPEED'AIR - Co-pilot brake Tires Argon *tires 4.00-6" or Parking brake fairings 15x6.00-6" Limiter Wheel Axles Calipers/discs/pads Brake lines/fittings **Brake Controls** Axles Rudd'Air Pedals Regulators Anti-skid - SensAIR® AV-ALPI-230 ASSO / Fork 4.65" Asso 5 Parking Valves 118mm wheel 3.50-4" Hoses/Fittings *tire 4.00-4" Axle Spare Parts



ASSO /

Asso X

AV-ALPI-230

wheel 3.50-4"

*tire ask us

Fork 4.41"

112mm

Axle

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Tools

FAQs

	* Tires are optional and not part of the standard kits							
Contacts Webshop	Aircraft Make/ Model	Wheel/Brake package P/N	Brake controls (included)	Nose/Tailwheel P/N (optional)	Wheel colour	Landing Gear (optional)	Accessories (order separately)	Notes
Auoite Patents History/ Values Certified kits/STCs Exp. Kits	ASSO / Vidor	SVID01 Wheels 4.00-6" *tires 4.00-6"Cali- pers/discs/pads Axles	2x master cylinders Reservoirs Brake lines/fittings		standard red or black color		- SensAIR®	
SensAIR® Landing Gears ALG/B'FleX Shock Wheel Wheels/Brakes	ATEC / Faeta	SAF01 Wheels 4.00-6" *tires 4.00-6" Calipers/discs/pads Axles - Wheel caps	1x master cylinder Reservoir Parking brake Limiter Brake lines/fittings	SAZ01A wheel 3.50-4" *tire 4.00-4" Axle	other colors option	- Shock Wheel - SPEED'AIR fairings	- SensAIR® - Co-pilot hand brake	
Nose-Tailwheels Tires Wheel Axles Brake Controls Rudd'Air Pedals	ATEC / Zephyr	SAZ01 Wheels 4.00-6" *tires 4.00-6" or 15x6.00-6" Calipers/discs/pads Axles - Wheel caps	1x master cylinder Reservoir Parking brake Limiter Brake lines/fittings	SAZ01A wheel 3.50-4" *tire 4.00-4" Axle		- Shock Wheel - SPEED'AIR fairings	- SensAIR® - Co-pilot hand brake	
Regulators Anti-skid Parking Valves Hoses/Fittings Spare Parts	AutoGyro / MTO Sport 2010-2017	SAG01 Wheels 4.00-6" *tires 4.00-6" or 15x6.00-6" Calipers/discs/pads Axles - Wheel caps	1x master cylinder Reservoir Limiter Brake lines/fittings	SAG02A wheel 6" *tire 4.00-6" Axle		- Shock Wheel - SPEED'AIR fairings	- SensAIR®	
Tools FAQs BERINGER Aero Technology	AutoGyro / Calidus	SAG01 Wheels 4.00-6" *tires 4.00-6" or 15x6.00-6" Calipers/discs/pads Axles - Wheel caps	1x master cylinder Reservoir Limiter Brake lines/fittings	SAG01A wheel 3.50-4" *tire 4.00-4" Axle				

* Tires are optional and not part of the standard kits Contacts Wheel/Brake Nose/Tailwheel Wheel Aircraft Make/ Brake controls **Landing Gear** Accessories Notes Model P/N (optional) package P/N (included) colour (optional) (order separately) Webshop SAC01 Ask us - Shock Wheel - SensAIR® AutoGvro / standard Amorite Patents Wheels 4.00-6" red or - SPEED'AIR Cavalon black *tires 4.00-6" fairings History/Values color Calipers/discs/pads Axles - Wheel caps Certified kits /STCs Exp. Kits SensAIR® TW-001 GIR - SensAIR® SAF02 2x master cylinders **Avid Flver** Wheels 6.00-6" Reservoirs - Co-pilot brakes groundloop **Landing Gears** other ALG/B'FleX **ALIR Regulator** resistant - GIR tailwheel *tires 15x6.00-6" colors Shock Wheel or 6.00-6" Brake lines/fittings Wheel 3.50-4" bush TW-002 option Calipers/discs/pads *tire 2.80/2.50-4" Wheels/Brakes Axles - Wheel caps TW support Lever/cable to Nose-Tailwheels lock/unlock Tires Wheel Axles 2xWheels 6.00-6" 1x master cylinder - ALG Landing - SensAIR® TW-002 GLR **Avions Michel** *tires 22" Reservoir groundloop - Differentiel Gear Barry / **Brake Controls** brakes on rudder Calipers/discs/pads **ALIR Regulator** resistant Rudd'Air Pedals Sourisbulle Axles - Wheel caps Brake lines/fittings Wheel 3.50-4" pedals MB04 Regulators *tire 4.00-4" Anti-skid TW support Lever/cable to Parking Valves lock/unlock Hoses/Fittings 2x master cylinders 6" wheels Spare Parts SSQB01 Backcountry / Wheels 8.50-103 Reservoirs also avai-SQ Tools *tires 22" Brake lines/fittings lable Ask us (for OEM axle) FAQs Calipers/discs/pads

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Wheel caps

C11-	*	Tires are optional and no	t part of the standard kit	ts				
Contacts Webshop	Aircraft Make/ Model	Wheel/Brake package P/N	Brake controls (included)	Nose/Tailwheel P/N (optional)	Wheel colour	Landing Gear (optional)	Accessories (order separately)	Notes
History/ Values Certified kits/STCs Exp. Kits SensAIR®	Bearhawk Aircraft / Bearhawk 2 OEM axle 1.5"	SBH01 Wheels 6.00-6" *tires 6.00-6" Calipers/discs/pads Axles - Wheel caps	Brake controls/ALIR Regulator/brake lines/fittings : Ask us		standard red or black color		- SensAIR®	
Landing Gears ALG/B'FleX Shock Wheel Wheels/Brakes Nose-Tailwheels	BEDE / BD4	SBD02 Wheels 6.00-6" *tires 6.00-6" Calipers/discs/pads Axles - Wheel caps	Brake controls/ALIR Regulator/brake lines/fittings : Ask us	AV-BEDE-030 wheel 3.50-4" Axle	other colors option		- SensAIR®	
Tires Wheel Axles Brake Controls Rudd'Air Pedals	Blackshape / Blackshape Prime	SBL01 Wheels 4.00-6" *tires 4.00-6" Calipers/discs/pads Axles - Wheel caps	Brake lines/fittings				- SensAIR® - Parking brake	
Regulators Anti-skid Parking Valves Hoses/Fittings Spare Parts	BOT Aircraft / Speed Cruiser	SBT01 Wheels 4.00-6" *tires 4.00-6" Calipers/discs/pads Axles	1x master cylinder Reservoir Parking brake Limiter Brake lines/fittings	SBT01A wheel 4.00-5" *tire 11x4.00-5" Axle			- SensAIR®	
FAQs BERINGER Aero Technology They trust us	Brandli / Cherry BX2			AV-CHER-031 wheel 3.50-4" *tire 4.00-4" Axle			- SensAIR®	



* Tires are optional and not part of the standard kits

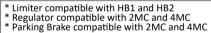
	Tires are optional and not part of the standard kits						Contacts	
Aircraft Make/ Model	Wheel/Brake package P/N	Brake controls (included)	Nose/Tailwheel P/N (optional)	Wheel colour	Landing Gear (optional)	Accessories (order separately)	Notes	Webshop
Breezer / B400/B600	SBR01 Wheels 5.00-5" *tires 5.00-5"	2x master cylinders Reservoirs ALIR Regulator	SBR01A wheel 3.50-4" *tire 4.00-4"	standard red or black	- Shock Wheel - SPEED'AIR fairings	- SensAIR® - Co-pilot hand brake		Anone Patents History/ Values
1	Calipers/discs/pads Axles - Wheel caps	Brake lines/fittings	Axle	color		- Parking brake		Certified kits/STCs
						and the same of th		Exp. Kits
BRM /	SSV01	2x master cylinders	SSV01A		- Shock Wheel	- SensAIR®	-Nose wheel	SensAIR®
Citius Landafrika Okavango	Wheels 6.00-6" *tires 15x6.00-6" Calipers/discs/pads Axles - Wheel caps	Reservoirs ALIR Regulator Brake lines/fittings	large fork Wheel 4.00-6" *tire 15x6.00-6" Axle	other colors option	- SPEED'AIR fairings	- Co-pilot brakes - Parking brake	aircraft use Shock Wheel -Taildragger use ALG LG	Landing Gears ALG/B'FleX Shock Wheel
<u>tires ≤ 26"</u> <u>Rudder pedal</u>	Axies - Wileel Caps		or SSV02A narrow fork wheel 4.00-6"				use ALG LG	Wheels/Brakes
<u>brakes</u>					Taildragger :	O man		Nose-Tailwheels
	8		*tire 4.00-6" Axle	OTO:	- ALG landing Gear			Tires
	150		or TW-002 GLR groundloop		+ fuselage kit			Wheel Axles
- Co			resistant TW Wheel 3.50-4" *tire 4.00-4"		MARIE OF			Brake Controls Rudd'Air Pedals
			TW support Lever/cable to					Regulators Anti-skid
			lock/unlock					Parking Valves
BRM / Citius	SSV02 Wheels 6.00-6"	1x master cylinder Reservoir	SSV01A large fork		- Shock Wheel - SPEED'AIR			Hoses/Fittings
Landafrika Okavango	*tires 15x6.00-6" Calipers/discs/pads	Parking brake Limiter	Wheel 4.00-6" *tire 15x6.00-6"		fairings			Spare Parts
tires > 26" Hand brake	Axles	Brake lines/fittings	Axle					Tools
Ilaliu blake								FAQs
								BERINGER Aero Technology
	<u> </u>	<u> </u>		1	1	I		They trust us

Contacts	*	Tires are optional and no	t part of the standard kit	ts				
Webshop	Aircraft Make/ Model	Wheel/Brake package P/N	Brake controls (included)	Nose/Tailwheel P/N (optional)	Wheel colour	Landing Gear (optional)	Accessories (order separately)	Notes
History/ Values Certified kits/STCs Exp. Kits	BRM Aero / XL8 Bristell	SBM04 Wheels 4.00-6" *tires 4.00-6" Calipers/discs/pads Axles - Wheel caps	SBM06 1x master cylinder Reservoir Parking brake Limiter Brake lines/fittings	SBM08 wheel 3.50-4" *tire 4.00-4" Axle	standard red or black color	- Shock Wheel - SPEED'AIR fairings	- SensAIR® - Co-pilot brake	Brake master cylinders fit any Wheel/ Brake kit. It is possible to mount pedal brake
SensAIR® Landing Gears ALG/B'FleX	E OF	nton .			other colors			master cylinders with the 6" wheel kit and a hand
Shock Wheel Wheels/Brakes Nose-Tailwheels Tires		SBM03 Wheels 5.00-5" *tires 5.00-5" Calipers/discs/pads Axles - Wheel caps	SBM09 2x master cylinders Reservoirs ALIR Regulator Brake lines/fittings	sBM07 wheel 5" *tire 5.00-5" Axle	option	- Shock Wheel - SPEED'AIR fairings	- SensAIR® - Co-pilot brakes	master cylin- der with the 5" wheel kit
Wheel Axles Brake Controls Rudd'Air Pedals Regulators Anti-skid		SBM13 Wheels 6.00-6" *tires 22" Calipers/discs/pads Axles - Wheel caps	SBM09 2x master cylinders Reservoirs ALIR Regulator Brake lines/fittings	SBM12 wheel 6" *tire 4.00-6" Axle not in- cluded (contact BRM Aero)		- Shock Wheel - SPEED'AIR fairings	- SensAIR® - Co-pilot brakes	
Parking Valves Hoses/Fittings Spare Parts Tools FAQs BERINGER Aero	XL8 Bristell Taildragger	SBM11 Wheels 6.00-6" *tires 22" Calipers/discs/pads Axles - Wheel caps	SBM09 2x master cylinders Reservoirs ALIR Regulator Brake lines/fittings	AV-BRM-620 GLR groundloop resistant Wheel 4" TW support Lever/cable to lock/unlock		- ALG landing gear	- SensAIR® - Co-pilot brakes	
Technology	6 6							

* Tires are optional and not part of the standard kits

A

US US	catalog str	ring Exan	nple: XL86X6NW3RH	B1LPB				
Aircraft Make	Aircraft Model	Landing Gear (optional)	Wheel & Brake Package	Tailwheel/Nose wheel (optional)	Wheel Color	Controls	Options (Check all that apply)	Accessories (Order Separately
BRM Aero	XL8 □	sw □	4X6 □	NW1 □	R□	HB1 □	L □*	Sensair
	Bristell XL8	Shockwheel Lan- ding Gear System	4.00-6" SL Wheel & Single Brake	3.50-4" Nose Wheel	Red	Single Hand Brake Master Cylinder	Pressure Limiter	Tire Pressure Monitoring System
			5X5 □	NW2 □	BL □	HB2 □	REG □*	SpeedAIR
			5.00-5" SL Wheel & Single Brake	5.00-5" Nose Wheel	Black	Dual Hand Brake Master Cylinder	ALIR Regulator	Wheel Pant/ Fairing
			6X6 □	NW3 □	SP □	2MC □	PB □*	
			6.00-6" SL Wheel & Dual Brake	4.00-6" SL Nose Wheel	Special Color	Pilot Only 2 Master Cylinders	Parking Brake	
						4MC □		
						Pilot+Copilot 4 Master Cylinders		





Contacts

Nebshop

Amorite Patents

History/ Values

Certified kits/STCs

xp. Kits

SensAIR®

Landing Gears ALG/B'FleX Shock Wheel

Wheels/Brakes

Nose-Tailwheels

Tires

Wheel Axles

Brake Controls Rudd'Air Pedals

Regulators Anti-skid

Parking Valves

Hoses/Fittings

Spare Parts

Tools

FAQs

BERINGER Aero Technology

C. H. H.	* Tires are optional and not part of the standard kits							
Contacts Webshop	Aircraft Make/ Model	Wheel/Brake package P/N	Brake controls (included)	Nose/Tailwheel P/N (optional)	Wheel colour	Landing Gear (optional)	Accessories (order separately)	Notes
Amorite* Patents History/ Values	Century / Storm	STR01 Wheels 4.00-6" *tires 4.00-6"	1x master cylinder Reservoir Limiter	STR01A wheel 4.00-6" *tire 4.00-6"	standard red or black	- Shock Wheel ask us	- SensAIR®	
Certified kits/STCs		Calipers/discs/pads Axles - Wheel caps	Brake lines/fittings	Axle	color			
Exp. Kits								
SensAIR®	Cessna /	SBD01	2x master cylinders	SST11		- Shock Wheel	- SensAIR®	Non certi-
Landing Gears ALG/B'FleX Shock Wheel	L19 Bird Dog	Wheels 6.00-6" Several tires available Calipers/discs/pads	Extenders Reservoirs Brake lines/fittings	Scott mounting wheel 3.50-4" *tire 4.00-4"	other colors option		Co-pilot brakesParking brakeALIR Regulator	fied kit Tires 8.50- 6"6.00-6"
Wheels/Brakes		Axles - Wheel caps		Axle				0 0.00-0
Nose-Tailwheels								
Tires	Chatelain /	SAC02	1x master cylinder	AV-AC11-030			- SensAIR®	
Wheel Axles	AC11	Wheels 5.00-5" *tires 5.00-5"	Reservoir Limiter	wheel 4.00-5" *tire 11x4.00-5"			- Parking brake	
Brake Controls Rudd'Air Pedals		Calipers/discs/pads Axles - Wheel caps	Brake lines/fittings	Axle				
Regulators Anti-skid	Claude Piel /	SEM01	2x master cylinders	STR01A			- SensAIR®	For original
Parking Valves	Emeraude CP301	Wheels 4.00-6" *tires 4.00-6"	Reservoirs ALIR Regulator	wheel 4.00-6" *tire 4.00-6"			Parking brakeRudd'AIR pedal	landing gear = Ø50mm,
Hoses/Fittings		Calipers/discs/pads Axles - Wheel caps	Brake lines/fittings	Axle		The last		other possibilities,
Spare Parts		A						contact us
Tools								
FAQs	-							
BERINGER Aero Technology								

* Tires are optional and n	ot part of the standard kits

* Tires are optional and not part of the standard kits										
Aircraft Make/ Model	Wheel/Brake package P/N	Brake controls (included)	Nose/Tailwheel P/N (optional)	Wheel colour	Landing Gear (optional)	Accessories (order separately)	Notes	Contacts Webshop		
Colomban / Luciole MC30	SLU01 Wheels 3.50-4" *tires 4.00-4" Calipers/discs/pads Axles	ask us		standard red or black color		- SensAIR®		Patents History/ Values Certified kits/STCs Exp. Kits		
Comco Ikarus / C42	scc01 Wheels 4.00-6" *tires 4.00-6" Calipers/discs/pads Axles - Wheel caps	1x master cylinder Reservoir Parking brake Limiter Brake lines/fittings	SCC01A Wheel 4" * tire 4.00-4" Axle or AV-COMC-030 Wheel 6" * tire 4.00-6" Axle	other colors option		- SensAIR®	First types different axles, please contact us	SensAIR® Landing Gears ALG/B'FleX Shock Wheel Wheels/Brakes Nose-Tailwheels Tires Wheel Axles		

US	catalog str	ing Exan	mple: C424X6NW1RHBI	L					Brake Controls Rudd'Air Pedals
Aircraft Make	Aircraft Model	Landing Gear (optional)	Wheel & Brake Package	Tailwheel/Nose wheel (optional)		Controls	Options (Check all that apply)	Accessories (Order Separately)	Regulators Anti-skid
Comco Ikarus	C42 🗆	sw □	4X6 □	NW1 □	R□	НВ □	Lo	Sensair	Parking Valves
	C42	Shockwheel Lan- ding Gear System	4.00-6" SL Wheel & Single Brake	4.00-4" Nose Wheel	Red	Hand Brake Master Cylinder	Pressure Limiter	Tire Pressure Monitoring System	Hoses/Fittings
		BF □		NW2 □	BL □				Spare Parts
	1	B'Flex Landing Gear System		4.00-6" SL Nose Wheel	Black				Tools
A TOP OF THE PROPERTY OF THE P					SP □				FAQs
					Special Color				BERINGER Aero Technology

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2)	* Tires are optional and not part of the standard kits									
Contacts Webshop	Aircraft Make/ Model	Wheel/Brake package P/N	Brake controls (included)	Nose/Tailwheel P/N (optional)	Wheel colour	Landing Gear (optional)	Accessories (order separately)	Notes		
History/ Values Certified kits/STCs Exp. Kits SensAIR® Landing Gears ALG/B'FleX Shock Wheel Wheels/Brakes	Compact Compositi / Millenium Master	SML01 Wheels 4.00-6" *tires 4.00-6" Calipers/discs/pads Axles	ask us	AV-MIL-030 Wheel 4" * tire 4.00-4" Axle	standard red or black color other colors option		- SensAIR®			
Nose-Tailwheels Tires Wheel Axles Brake Controls Rudd'Air Pedals Regulators Anti-skid	Czech Sport Aircraft / Sportcruiser	SSC02 Wheels 5.00-5" *tires 5.00-5" Calipers/discs/pads Axles - Wheel caps	2x master cylinders Reservoirs ALIR Regulator Brake lines/fittings	AV-CZE-030 Wheel 5" *tire 5.00-5" Axle	⊗ ⊕		- SensAIR® - Co-pilot brakes - Parking brake			



Hoses/Fittings

Spare Parts

Tools

FAQs

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* Tires are optional and not part of the standard kits Aircraft Make/ Wheel/Brake Brake controls Tailwheel P/N (optional) Wheel Landing Model package P/N colour (included) Gear ` (optional) CCF05 2x master cylinders AV-CUBC-120(A) Cubcrafters / standard AIG Wheels 6.00-6" Reservoirs GLR groundloop resistant TW red or **Carbon Cub Landing Gear** black -wheel 3.50-4" Calipers/discs/pads Brake lines/fittings OFM LG color Adapters for 1.25" * tire 4.00-4" axle. -tailwheel support -lever/cable (not included) SST10 (Matco mounting) CCF07 2x master cylinders **SST11** (Scott mounting Wheels 10" Reservoirs other colors Calipers/discs/pads Brake lines/fittings option Adapters for 1.25" axle CarbonCUB-018.3 2x master cylinders AV-CUBC-120(A) Cubcrafters /

Accessories (order separately) - DUAL brakes - SensAIR® Wheels 6.00-6" Reservoirs GLR groundloop resistant TW - ALIR regulator Carbon Cub Calipers/discs/pads Brake lines/fittings -wheel 3.50-4" (ALG LG) Adapters for 1.25" Additional fitting kit * tire 4.00-4" - DUAL brakes Axle kit -tailwheel support -lever/cable (not included) **SST10** (Matco mounting)

CarbonCUB-018.2 Wheels 10" Calipers/discs/pads Adapters for 1.25" Axle kit

2x master cylinders Reservoirs Brake lines/fittings Additional fitting kit

SST11 (Scott mounting





















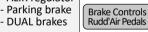
Contacts

Webshop

Amorite Patents

History/ Values

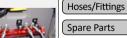
Certified kits /STCs

















* Tires are optional and not part of the standard kits

Contacts	Thes are optional and not part of the standard kits								
Webshop	US catalog string Example: CCUB6X6DBL2MCPB								
AEROTEC* Patents	Aircraft Make	Aircraft Model	Landing Gear (optional)	Wheel & Brake Package	Tailwheel/Nose wheel (optional)	Wheel Color	Controls	Options (Check all that apply)	Accessories (Order Separately)
History/ Values	CUBCRAFTERS	CCUB 🗆	ALG 🗆	6X6S □	TW1 □	R□	2MC □	REG □	Sensair
Certified kits/STCs		Carbon Cub SS/ EX/FX	Alaska Landing Gear	6.00-6" LE Wheel & Single Brake (29" tire or less)	3.50-4" Matco Replacement	Red	Pilot Only 2 Master Cylin- ders	ALIR Regulator	Tire Pressure Monitoring System
Exp. Kits		LAGIA		6X6D □	TW2 🗆	DI -	ucis	DD =	System
6 115@						BL □		РВ 🗆	
	SensAIR®			6.00-6" LE Wheel & Dual Brake (31" tire)	3.50-4" Scott Replacement	Black		Parking Brake	
Landing Gears ALG/B'FleX				10 🗆	TW3 🗆	SP 🗆			
Shock Wheel				8.50-10" LE Wheel &	3.50-4" Ground	Special			
Wheels/Brakes				Single Brake	Loop Resistant Tailwheel	Color			
Nices Tell leads	A CONTRACTOR OF THE PARTY OF TH		AMERICA						1

)	US of	atalog stri	ing Ex						
Aircraft Make Aircraft Model			Landing Gear (optional)	Wheel & Brake Package	Tailwheel Tailwheel/Nose	Wheel Color	Controls	Options (Check all that apply)	Accessories (Order Separately)
ע	CUBCRAFTERS	XCUB □		6X6 □	wheel (optional) NW □	R□	2MC □	REG □	Sensair
j j		XCUB/ NXCUB	Not Applicable	6.00-6" LE Wheel & Single Brake (29" tire or less)	6.00-6" LE Nosewheel	Red	Pilot Only 2 Master Cylinders	ALIR Regulator	Tire Pressure Monitoring System
J	1111111	111111		1 120		BL □		РВ □	
								Parking Brake	
J					SP □				
			E DC	CE M	Special Color				



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Wheels/Brakes Nose-Tailwheels

Wheel Axles Brake Controls Rudd'Air Pedals

Regulators Anti-skid

Parking Valves Hoses/Fittings Spare Parts Tools FAQs

Tires

* Tires are optional and not part of the standard kits									
Aircraft Make/ Model	Wheel/Brake package P/N	Brake controls (included)	Nose/Tailwheel P/N (optional)	Wheel colour	Landing Gear (optional)	Accessories (order separately)	Notes	Contacts Webshop	
Curtis / Pitts S1	SPT02 Wheels 5.00-5"	2x master cylinders Reservoirs		standard red or		-SensAIR® -Parking brake		Amoite Patents	
Titto 51	*tires 5.00-5" Calipers/discs/pads	Brake lines/fittings		black color		-ALIR regulator		History/ Values	
	Axles - Wheel caps							Certified kits/STCs	
o .: /	SPS01	2x master cylinders				-SensAIR®		Exp. Kits	
Curtis / Pitts S2	Wheels 5.00-5"	Reservoirs				-Parking brake		SensAIR®	
Kristen Eagle	*tires 5.00-5" Calipers/discs/pads Axles - Wheel caps	ALIR Regulator Brake lines/fittings		other colors option		-Co-pilot brakes		Landing Gears ALG/B'FleX Shock Wheel	
1								Wheels/Brakes	
DB4/ Fascination RLG	SFB01 Wheels 4.00-5"	1x master cylinder Reservoir	AV-FASC-030 Fork 4.92"			- SensAIR® -Co-pilot hand		Nose-Tailwheels	
Fascillation REG	*tires 11x4.00-5" Calipers/discs/pads	Parking brake Limiter	125mm	(200)		brake		Tires	
	Axles	Brake lines/fittings	wheel 4.00-6" *tire 4.00-6"					Wheel Axles	
Fascination FLG	SFB02	1x master cylinder	Axle AV-FASC-03			O rens		Brake Controls Rudd'Air Pedals	
	Wheels 4.00-6" *tires 4.00-6" Calipers/discs/pads	Reservoir Parking brake Limiter	Fork 4.72" 120mm wheel 4.00-5"					Regulators Anti-skid	
	Axles Wheel caps	Brake lines/fittings	*tire 11x4.00-5"					Parking Valves	
	SAL02	1v master cylinder	Axle Nose wheel kit:			- SensAIR®		Hoses/Fittings	
Direct Fly / Alto 912	Wheels 4.00-6"	1x master cylinder Reservoir	wheel 4.00-6"		-Shock Wheel	-Co-pilot brake		Spare Parts	
	*tires 4.00-6" Calipers/discs/pads	Parking brake Limiter	*tire 4.00-6" Axle			-Brake on stick+limiter		Tools	
400	Axles Wheel caps	Brake lines/fittings	Indicate the			-Wheels 5.00-5"		FAQs	
W.	Wheel caps	5.	fork int. width: 5.12" 130mm 5.27" 134mm					BERINGER Aero Technology	

* Tires are optional and not part of the standard kits										
Contacts Webshop	Aircraft Make/ Model	Wheel/Brake package P/N	Brake controls (included)	Nose/Tailwheel P/N (optional)	Wheel colour	Landing Gear (optional)	Accessories (order separately)	Notes		
History/ Values Certified kits/STCs Exp. Kits	Distar / Lambada	SLA01 Wheels 4.00-6" *tires 4.00-6" Calipers/discs/pads Axles Wheel caps	1x master cylinder Reservoir Parking brake Limiter Brake lines/fittings		standard red or black color		- SensAIR® - Co-pilot hand brake			
SensAIR® Landing Gears ALG/B'FleX Shock Wheel	Dova Aircraft / Skylark	SD001 Wheels 4.00-6" *tires 15x6.00-6" Calipers/discs/pads Axles	1x master cylinder Reservoir Parking brake Limiter Brake lines/fittings	AV-DOV-030 wheel 4.00-6" *tire 4.00-6" Axle	other		- SensAIR® - Co-pilot brake			
Wheels/Brakes	3 %	Wheel caps			option					
Nose-Tailwheels Tires Wheel Axles Brake Controls	Dynaero / MCR Dynaero / MCR	SDY03 Standard LG SDY01 Oleo LG Wheels 4.00-5" *tires 11x4.00-5" Calipers/discs/pads Axles - Wheel caps	2x master cylinders Reservoirs ALIR Regulator Brake lines/fittings	SDY02A wheel 3.50-4" *tire 3.00-4" Axle or SDY01A wheel 4.00.5" *tire 11x4.00-5"			- SensAIR® - Co-pilot brake	- MCR01 standard LG and oleo gear have different axles - Brake		
Rudd'Air Pedals Regulators Anti-skid Parking Valves	7	SDY02 Standard LG + brakes between the seats Wheels 4.00-5" *tires 11x4.00-5"	2x master cylinders Reservoirs ALIR Regulator Brake lines/fittings	Axle			- SensAIR® - Co-pilot brakes	master cylinders can be mounte on the pedal or close to the		
Hoses/Fittings		Calipers/discs/pads Axles - Wheel caps						hands		
Spare Parts Tools	Ekolot / Topaz/Junior	SEK01 Wheels 4.00-6" *tires 4.00-6"	1x master cylinder Reservoir Parking brake	SEK02A narrow fork SEK01A		- Shock Wheel - SPEED'AIR fairings	- SensAIR® - Co-pilot brake	Shock Wheel:: If already equipped		
FAQs BERINGER Aero Technology		Calipers/discs/pads L	Limiter Brake lines/fittings	large fork wheel 4.00-6" *tire 4.00-6" axle				with BERIN- GER wheels, axle must be changed		
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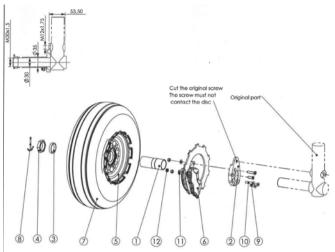


* Tires are optional and not part of the standard kits									
Aircraft Make/ Model	Wheel/Brake package P/N	Brake controls (included)	Nose/Tailwheel P/N (optional)	Wheel colour	Landing Gear (optional)	Accessories (order separately)	Notes	Contacts Webshop	
ELA Aviacion / ELA Eclipse	SEL02 Wheels 4.00-6" *tires 4.00-6" Calipers/discs/pads Axles Wheel caps	1x master cylinder Bracket Reservoir Limiter Brake lines/fittings	AV-ELA-030 wheel 3.50-4" *tire 3.00-4" Axle	standard red or black color other	- Shock Wheel - SPED'AIR fairings	- SensAIR®		Anone Patents History/ Values Certified kits/STCs Exp. Kits SensAIR® Landing Gears ALG/B'FleX	
Europa Aircraft Europa monowheel	SEU02 Wheel 6.00-6" *tire 7.00-6" or 8.00-6" Caliper/disc/pads axle	1x master cylinder Reservoir Parking brake Limiter Brake lines/fittings		colors option		- SensAIR®	Europa nose wheel : ask us	Shock Wheel Wheels/Brakes Nose-Tailwheels Tires Wheel Axles	
Evektor / Eurostar	SEU01 Wheels 4.00-6" *tires 15x6.00-6" Calipers/discs/pads Axles Wheel caps	2x master cylinders Reservoirs ALIR Regulator Brake lines/fittings	SEU01A wheel 4.00-6" *tire 13X5.00-6" axle		- Shock Wheel - SPEED'AIR fairings	- SensAIR® - Co-pilot brake - Parking brake		Brake Controls Rudd'Air Pedals Regulators Anti-skid Parking Valves Hoses/Fittings	
Evektor / Sportstar	SEU01 Wheels 4.00-6" *tires 15x6.00-6" Calipers/discs/pads Axles Wheel caps	2x master cylinders Reservoirs ALIR Regulator Brake lines/fittings	SEU01A wheel 4.00-6" *tire 13X5.00-6" axle		- Shock Wheel ask us	- SensAIR® - Co-pilot brake - Parking brake		Spare Parts Tools FAQs BERINGER Aero Technology	

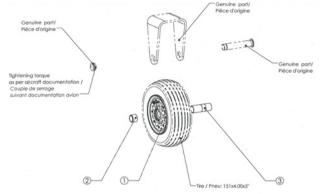
	* Tires are optional and not part of the standard kits									
Contacts Webshop	Aircraft Make/ Model	Wheel/Brake package P/N	Brake controls (included)	Nose/Tailwheel P/N (optional)	Wheel colour	Landing Gear (optional)	Accessories (order separately)	Notes		
History/ Values	F1 Aircraft / F1 Rocket	SRO02 Wheels 5.00-5" *tires 5.00-5"	2x master cylinders Brake lines/fittings		standard red or black	,	- SensAIR® - Parking brake - ALIR regulator			
Certified kits/STCs Exp. Kits		Calipers/discs/pads Axles			color					
SensAIR® Landing Gears ALG/B'FleX	Falcomposite / Furio	SFU01 Wheels 5.00-5" *tires 5.00-5" Calipers/discs/pads	4x master cylinders Reservoirs ALIR Regulator Brake lines/fittings	SFU01A wheel 4.00-5" *tire 11x4.00-5" Axle	other		- SensAIR®			
Shock Wheel Wheels/Brakes Nose-Tailwheels		Axles	brake lilles/fittings	AXIC	colors option		Sens Sens			
Tires Wheel Axles	Falco / F8L Axle ø 30	SFA02 Wheels 5.00-5" *tires 5.00-5"	2x master cylinders Reservoirs Brake lines/fittings	SFA01A wheel 4.00-5" *tire 11x4.00-5"			- SensAIR® - Co-pilot brakes - ALIR regulator	See drawings following page		
Brake Controls Rudd'Air Pedals		Calipers/discs/pads Axles		Axle			- Parking brake			
Regulators Anti-skid Parking Valves										
Hoses/Fittings										
Spare Parts	Falco / F8L Axle ø 31.75	SFA01 Wheels 5.00-5" *tires 5.00-5"	2x master cylinders Reservoirs Brake lines/fittings	SFA01A wheel 4.00-5" *tire 11x4.00-5"			- SensAIR® - Co-pilot brakes - ALIR regulator	See drawings following page		
Tools FAQs		Calipers/discs/pads Axles		Axle			- Parking brake			
BERINGER Aero Technology										
They trust us										

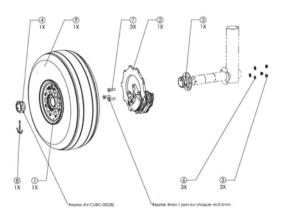
* Tires are optional and not part of the standard kits

Falco F8L









Contacts

Webshop

Amorite* Patents

History/ Values

Certified kits /STCs

Exp. Kits

SensAIR®

Landing Gears ALG/B'FleX Shock Wheel

Wheels/Brakes

Nose-Tailwheels

Tires

Wheel Axles

Brake Controls Rudd'Air Pedals

Regulators Anti-skid

Parking Valves

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Hoses/Fittings

Spare Parts

Tools

FAQs

BERINGER Aero Technology

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

* Tires are optional and not part of the standard kits									
Aircraft Make/	Wheel/Brake	Brake controls	Nose/Tailwheel P/N	Wheel	Landing Gear	Accessories	Notes	Contacts	
Model	package P/N	(included)	(optional)	colour	(optional)	(order separately)		Webshop	
Flight Design	SFD01 Wheels 4.00-6"	1x master cylinder Reservoir	SFD01A wheel 4.00-6"	standard red or	- Shock Wheel ask us	- SensAIR® - Parking brake		Amorre Patents	
LiftAir / CTSW 2007	*tires 4.00-6"	Limiter	*tire 4.00-6"	black	ask us	- raiking blake		History/ Values	
	Calipers/discs/pads Axles+brackets	Brake lines/fittings	axle	COIOI				Certified kits/STCs	
7	Wheel caps								
						0		Exp. Kits	
Flight Design	SFD02	1x master cylinder	AV-FDES-0301			· A		SensAIR®	
LiftAir /	Wheels 4.00-6"	Reservoir	wheel 4.00-6"	other				Landing Gears ALG/B'FleX	
CTLS	*tires 15x6.00-6" Calipers/discs/pads	Limiter Brake lines/fittings	*tire 4.00-6"	colors option				Shock Wheel	
	Axles+brackets							Wheels/Brakes	
	Wheel caps			(2 93)				Nose-Tailwheels	
ALPLIES									
Fly Synthesis /	SFS01 Wheels 4.00-6"	1x master cylinder Lever	AV-FLIG-031 Wheel 3.50-4"			- SensAIR®	Tell us if ori-	Tires	
Storch	*tires 13x5.00-6"	Reservoir	*tire 4.00-4" - Axle				ginal brakes are drum	Wheel Axles	
	Calipers/discs/pads Axles	Limiter	or 6" wheel kit Wheel 4.00-6"				brakes	Brake Controls Rudd'Air Pedals	
The IA	Wheel caps	Brake lines/fittings	*tire 6.00-6" - Axle						
	SFS02 fixed LG	1x master cylinder	AV-TXA-030	(83)		- SensAIR®		Regulators Anti-skid	
Fly Synthesis / Texan	Wheels 4.00-6"	Lever	6" wheel kit			- Selisain		Parking Valves	
	*tires 13x5.00-6" Calipers/discs/pads	Reservoir Limiter	Wheel 4.00-5" *tire 11x4.00-5"	(32)					
	Axles - Wheel caps	Brake lines/fittings	Axle					Hoses/Fittings	
		_						Spare Parts	
Flying Machine	SVA01 Wheels 4.00-6"	1x master cylinder Reservoir	SVA01A wheel 4.00-6"			- SensAIR® - Co-pilot brake	Drilling of the spring	Tools	
Vampire Century	*tires 4.00-6"	Parking brake	*tire 4.00-6"			co pilot brake	leaf must be	FAQs	
	Calipers/discs/pads Axles	Limiter Brake lines/fittings	axle				validated	BERINGER Aero	
- A	Wheel caps	brake lines/ littligs				G tons		Technology	
				1					

Cambanta	· ·	Tires are optional and no	ot part of the standard k	its				
Contacts Webshop	Aircraft Make/ Model	Wheel/Brake package P/N	Brake controls (included)	Nose/Tailwheel P/N (optional)	Wheel colour	Landing Gear (optional)	Accessories (order separately)	Notes
History/ Values Certified kits/STCs Exp. Kits	FlyLight/ Nynja Swift Skyranger	SSK01 Wheels 4.00-6" *tires 4.00-6" or bush tires Calipers/discs/pads Axles - Wheel caps	1x master cylinder Reservoir Parking brake Limiter Brake lines/fittings	SSK01A wheel 4.00-6" *tire 4.00-6" axle	standard red or black color	- Shock Wheel - B'FleX LG	- SensAIR® - 8" wheels for DURO 21" and 27.5" tires	If leaf gear is zicral, axles are special. Main wheel kit P/N is
SensAIR® Landing Gears ALG/B'FleX Shock Wheel	0 00	SSK06 Wheels 6.00-6" *tires 22x8.50-6" Calipers/discs/pads Axles - Wheel caps	1x master cylinder Reservoir Parking brake Limiter Brake lines/fittings	SSK02A (Large fork) wheel 6.00-6" *tire 6.00-6" Special axle	other colors option			SSK03
Wheels/Brakes Nose-Tailwheels Tires Wheel Axles		SSK04 Wheels 3.50-4" *tires 4.00-4" or bush tires Calipers/discs/pads Axles - Wheel caps	1x master cylinder Reservoir Parking brake Limiter Brake lines/fittings	4" nose wheel kit Wheel 3.50-4" *tire 4.00-4" Special axle	Option			

Wheel Axles		A	xies - wrieei caps						
Brake Controls		US catalog	g string Exa	mple: NYN6X6DNW2	HBY				
Rudd'Air Pedals Regulators	Aircraft Make	Aircraft Model	Landing Gear (optional)	Wheel & Brake Package	Tailwheel/Nose wheel (optional)	Wheel Color	Controls	Options (Check all that apply)	Accessories (Order Separately)
Anti-skid	FlyLight	NYN□	SW 🗆	4X6 □	NW1 □	R 🗆	НВ □	Lo	Sensair
Parking Valves		SkyRanger Nynja	Shockwheel Landing Gear System	4.00-6" SL Wheel & Single Brake	4.00-6" Nosewheel	Red	Hand Brake Master Cylinder	Pressure Limiter	Tire Pressure Monitoring System
Hoses/Fittings			BF □	6X6S □	NW2 □	BL □	НВҮ □		SpeedAIR
Spare Parts			B'Flex Landing Gear System	6.00-6" SL Wheel & Single Brake	6.00-6" Nosewheel	Black	Hand Brake Master Cylinder w/ Yankee Lever		Wheel Pant/Fairing
Tools				6X6D □		SP 🗆			
FAQs				6.00-6" SL Wheel & Dual Brake		Special Color			
BERINGER Aero Technology				7X8D □					
They trust us				7.00-8" SL Wheel & Dual Brake					

* Tires are optional and not part of the standard kits

	/		/					Contacts
Aircraft Make/ Model	Wheel/Brake package P/N	Brake controls (included)	Nose/Tailwheel P/N (optional)	Wheel colour	Landing Gear (optional)	Accessories (order separately)	Notes	Webshop
Fournier/ RF3	SRF01 Ultralight Wheel 4.00-6" *tire 4.00-6" Caliper/disc/pads Axle	1x master cylinder Reservoir Parking brake Limiter Brake lines/fittings		standard red or black color		- SensAIR®	Kit non certified	History/ Values Certified kits/STCs
								Exp. Kits SensAIR®
Fournier/ RF3-RF4	SRF03 Certified type Wheel 5.00-5" *tire 5.00-5" Caliper/disc/pads	1x master cylinder Reservoir Parking brake Limiter		other colors option		- SensAIR®	Kit available only from Air Projet FR	Landing Gears ALG/B'FleX Shock Wheel
	Axle	Brake lines/fittings	1					Wheels/Brakes
								Nose-Tailwheels
								Tiroc



Contacts

Tires

Wheel Axles

Brake Controls Rudd'Air Pedals

Regulators Anti-skid

Parking Valves

Hoses/Fittings

Spare Parts

Tools

FAQs

BERINGER Aero Technology

• • • •	* Tires are optional and not part of the standard kits										
Contacts Webshop	Aircraft Make/ Model	Wheel/Brake package P/N	Brake controls (included)	Nose/Tailwheel P/N (optional)	Wheel colour	Landing Gear (optional)	Accessories (order separately)	Notes			
Amont Patents History/ Values	Fournier/ RF5	SRF04 Wheel 5.00-5" *tires 380x150-5" Caliper/disc/pads	1x master cylinder Reservoir Parking brake Limiter		standard red or black color		- SensAIR®	Kit non certified			
Certified kits/STCs Exp. Kits		Axle	Brake lines/fittings				Good				
SensAIR® Landing Gears ALG/B'FleX Shock Wheel	Fournier/ RF9	SRF05 Wheel 4.00-5" *tires 11x4.00-5" Caliper/disc/pads	1x master cylinder Reservoir Limiter Brake lines/fittings		other colors option		- SensAIR® - Parking brake	Kit non certified			
Wheels/Brakes Nose-Tailwheels	Freccia /	Axle SPRO01	2x master cylinders		option .		- SensAIR®				
Tires Wheel Axles Brake Controls Rudd'Air Pedals	Sparviero	Wheels 4.00-6" *tires 15x6.00-6" Calipers/discs/pads Axles Wheel caps	Reservoirs ALIR Regulator Brake lines/fittings				- Co-pilot brakes				
Regulators Anti-skid Parking Valves	G1 Aviation / G1 SPYL	SGA01 Wheels 6.00-6" *tires 15x6.00-6"	1x master cylinder Reservoir Parking brake	SGA01A (narrow fork) Wheel 4.00-6"		- Shock Wheel - B'FleX LG	- SensAIR® - Co-pilot brake - 8" wheels for				
Hoses/Fittings Spare Parts Tools		Calipers/discs/pads Axles Wheel caps	Limiter Brake lines/fittings	* tire 15x6.00-6" Axle or SGA02A (large fork)			DURO 21" /27.5" Aero Classic tires				
FAQs BERINGER Aero Technology				Wheel 4.00-6" * tire 6.00-6" Axle			J. jeni				



								Contacts
Aircraft Make/ Model	Wheel/Brake package P/N	Brake controls (included)	Nose/Tailwheel P/N (optional)	Wheel colour	Landing Gear (optional)	Accessories (order separately)	Notes	Webshop
GAZ'Aile	SGZ01	1x master cylinder	SGZ01A	standard	Ask us	- SensAIR®	4" and 6"	Amorite Patents
	Wheels 4.00-5" *tires 11x4.00-5"	Reservoir Parking brake	Wheel 3.50-4" *tire 4.00-4" - Axle	red or black color		- Co-pilot brakes	wheels also available	History/ Values
THE STATE OF THE S	Calipers/discs/pads Axles	Limiter Brake lines/fittings	or AV-GAZA-030 Fork 3.94" 100mm					Certified kits/STCs
3.02	Wheel caps	Drake inies/ ittings	Wheel 3.50-4"					Exp. Kits
			*tire 4.00-4" - Axle or AV-GAZA-031			0		SensAIR®
			Wheel 4.00-5" *tire 11x4.00-5"					Landing Gears
			Axle	other colors				Landing Gears ALG/B'FleX Shock Wheel
Genevation /	SGE01	2x master cylinders		option		- SensAIR®		Wheels/Brakes
Genev 01	Wheels 5.00-5" *tires 5.00-5"	Reservoirs ALIR Regulator				Co-pilot brakesParking brake		Nose-Tailwheels
September 1	Calipers/discs/pads Axles	Brake lines/fittings						Tires
100	Wheel caps			(663)				Wheel Axles
3						O man		Brake Controls
Glasair	SGL02	2x master cylinders	SGL01A			- SensAIR®	Non certified kit	Rudd'Air Pedals
Aviation / Glasair III RLG	Wheels 5.00-5" *tires 5.00-5"	Reservoirs ALIR Regulator	Wheel 4.00-5" *tire 11x4.00-5"			- Co-pilot brakes		Regulators Anti-skid
Sidsui III (125	Calipers/discs/pads Axles	Brake lines/fittings	Axle					Parking Valves
	Axics					G. 600		Hoses/Fittings
Glasair	SGL03	2x master cylinders		QA.		- SensAIR®	Non certified kit	Spare Parts
Aviation / Sportsman	Wheels 6.00-6" *tires 6.00-6"	Reservoirs ALIR Regulator						Tools
Sportsman	Calipers/discs/pads Axles	Brake lines/fittings						FAQs
1	Axies					Sant Sant		BERINGER Aero Technology
7 31								They trust us

(optional)

Not Applicable

US catalog string

Aircraft Model

Glasair III RLG

GL3 □

Aircraft

Make

Glasair

Glasair

Contacts

* Tires are optional and not part of the standard kits

5X5 □

Webshop

AEROTEC Patents

History/ Values

Certified kits/STCs

Exp. Kits

SensAIR®

Landing Gears ALG/B'FleX Shock Wheel

Wheels/Brakes

Nose-Tailwheels

GLS \sqcap

man

Example: GL35X5NWR2MCREGPB

5.00-5" HL Wheel &

Single Brake

Landing Gear

Tailwheel/Nose Wheel & Brake

Package wheel (optional)

NW \sqcap

4.00-5" Nosewheel

Wheel

Color

BL 🗆

Black

SP □

R□ 2MC □ **ALIR Regulator**

Options (Check all that apply) REG □

(Order Separately) Sensair

toring System

Accessories

Tire Pressure Moni-

Accessories

(Order Separately)

Tire Pressure Moni-

Sensair

toring System

Red Pilot Only 2 Master Cylinders

4MC □

Controls

РВ□

Parking Brake 4 Master Cylinders

Special Color

Pilot+Copilot

Options (Check

all that apply)

ALIR Regulator

Tires

Wheel Axles **Brake Controls**

Rudd'Air Pedals Regulators

Anti-skid **Parking Valves**

Hoses/Fittings

Spare Parts

Tools

FAQs

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US catalog string Example: GLS6X6R4MCPB

Aircraft Aircraft Model Landing Gear Wheel & Brake Make (optional) Package

> 6X6 □ Glasair Sports- Not Applicable 6.00-6" HE Wheel & Single Brake

Not Applicable

wheel (optional) Color

Tailwheel/Nose

 $R \square$ Red

Pilot Only 2 Master Cylinders

Wheel

2MC □

4MC

Pilot+Copilot 4 Master Cylinders

Controls

PB □

Parking Brake

REG □

SP 🗆 Special Color

BL 🗆

Black

Page 48

They trust us

* Tires are ontional and not part of the standard bits

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

Wheel caps

	*	Tires are optional and n	ot part of the standard I	kits				
Contacts Webshop	Aircraft Make/ Model	Wheel/Brake package P/N	Brake controls (included)	Nose/Tailwheel P/N (optional)	Wheel colour	Landing Gear (optional)	Accessories (order separately)	Notes
History/ Values Certified kits/STCs Exp. Kits	Ibis Aircraft / Ibis			AV-IBIS-030 Wheel 4.00-6" * tire 15x6.00-6" Axle	standard red or black color		-SensAIR®	
SensAIR® Landing Gears ALG/B'FleX Shock Wheel Wheels/Brakes Nose-Tailwheels	ICP / Savannah Rudder brakes	SSV01 Tires <26" Wheels 6.00-6" *tires 15x6.00-6" Calipers/discs/pads Axles Wheel caps	2x master cylinders Reservoirs ALIR Regulator Brake lines/fittings	(fork 210mm) or SSV02A (fork 156mm) or AV-SVNA-032 (fork 146mm) Wheel 4.00-6" *tire 15x6.00-6" or 4.00-6"	other colors option	-Shock Wheel -B'Flex LG	-SensAIR® -Co-pilot brakes -Parking brake	-8" wheels for different tires avai- lable (same axle) only for Twin
Wheel Axles Brake Controls Rudd'Air Pedals Regulators Anti-skid	ICP / Savannah Twin Taildragger	SSV01 Tires <26" Wheels 6.00-6" *tires 15x6.00-6" Calipers/discs/pads Axles Wheel caps	2x master cylinders Reservoirs ALIR Regulator Brake lines/fittings	Axle AV-SVNA-620/630 (GLR tailwheel) Wheel 3.50-4" *tire : 2 sizes Tailwheel support Lever to lock/ unlock		-Taildragger: ALG landing Gear + fuse- lage kit	-Special axles for Datum skis	
Parking Valves Hoses/Fittings Spare Parts	ICP / Savannah Hand brake	SSV02 Tires <26" Wheels 6.00-6" *tires 15x6.00-6" Calipers/discs/pads Axles - Wheel caps	1x master cylinder Reservoir Parking brake Limiter Brake lines/fittings	SSV01A (fork 210mm) Wheel 4.00-6" *tire 15x6.00-6" Axle		-Shock Wheel -B'Flex LG	-SensAIR® -Yankee Lever	
FAQs BERINGER Aero Technology They trust us	ICP / Savannah DUAL Rudder brakes	SSV03 Tires >26" Wheels 6.00-6" *tires 15x6.00-6" DUAL Calipers/ discs/pads Axles - Wheel caps	2x master cylinders Reservoirs ALIR Regulator Brake lines/fittings	SSV01A (fork 210mm) Wheel 4.00-6" *tire 15x6.00-6" Axle			-SensAIR® -Co-pilot brakes -Parking brake	



* Tires are ontional and not part of the standard kits

, , , , , , , , , , , , , , , , , , ,	ires are optional and not	purt of the standard kit	.3					Contacts
Aircraft Make/ Model	Wheel/Brake package P/N	Brake controls (included)	Nose/Tailwheel P/N (optional)	Wheel colour	Landing Gear (optional)	Accessories (order separately)	Notes	Webshop
ICP / Ventura VLA	SSV05 Wheels 6.00-6" *tires 6.00-6" Calipers/discs/pads Axles Wheel caps	2x master cylinders Reservoirs ALIR Regulator Brake lines/fittings	SSV01A 6" Wheel Wheel 4.00-6" *tire 15x6.00-6" Axle or AV-SVNA-430 5" Wheel Wheel 5.00-5" *tire 5.00-5" - Axle	standard red or black color		-SensAIR® -Co-pilot brakes -Parking brake	Other colour options	History/ Values Certified kits/STCs Exp. Kits SensAIR®

	US catalog st	ring E	xample: SAV6X6DNW1	LR4MCPB				
Aircraft Make	Aircraft Model	Landing Gear (optional)	Wheel & Brake Package	Tailwheel/Nose wheel (optional)	Wheel Color	Controls	Options (Check all that apply)	Accessories (Order Separately)
ICP	SAV 🗆	ALG □*	6X6S □	NW1 □	R□	HB1 □	L □*	Sensair 🗆
Savannah		Alaska Landing Gear	6.00-6" SL Wheel & Single Brake (26" tire or less)	4.00-6" Nose Wheel 210mm Fork	Red	Single Hand Brake Master Cylinder	Pressure Limiter	Tire Pressure Monitoring System
	1	SW □	6X6D □	NW2 □	BL □	HB2 □	REG □*	SpeedAIR
		Shockwheel Landing Gear System	6.00-6" SL Wheel & Dual Brake (over 26" tire)	4.00-6" Nose Wheel - 156mm Fork	Black	Dual Hand Brake Master Cylinder	ALIR Regulator	Wheel Pant/Fairing
		BF □	7X8D □	NW3 🗆	SP □	2MC □	PB □*	
		B'Flex Landing Gear System	7.00-8" SL Wheel & Dual Brake	4.00-6" Nose Wheel - 146mm Fork	Special Color	Pilot Only 2 Master Cylinders	Parking Brake	
15 00				TW □*		4MC □		
				3.50-4" Ground Loop Resistant Tailwheel		Pilot+Copilot 4 Master Cylinders		
		* ALG compatibl * TW compatibl	le with taildragger onle e with taildragger only	y '	* Regul	er compatible with H ator compatible with ng Brake compatible	n 2MC and 4MC	ıc

Technology They trust us

Landing Gears ALG/B'FleX Shock Wheel

Wheels/Brakes Nose-Tailwheels

Wheel Axles Brake Controls Rudd'Air Pedals

Regulators Anti-skid

Parking Valves Hoses/Fittings Spare Parts Tools FAQs BERINGER Aero

Tires



Wheels/Bra Nose-Tailwheels

Contacts Contacts												
	US catalog string Example: VNT6X6NW1BL4MCPB											
Aircraft Make	Aircraft Model	Landing Gear (optional)	Wheel & Brake Package	Tailwheel/Nose wheel (optional)	Wheel Color	Controls	Options (Check all that apply)	Accessories (Order Separately)				
ICP	VNT □		6X6 □	NW1 □	R□	2MC □	REG □	Sensair				
	Ventura	Not Applicable			Red	Pilot Only 2 Master Cylinders	ALIR Regulator	Tire Pressure Monitoring System				
				NW2 □	BL□	4MC □	PB □					
	and the second			5.00-5" Nose	Black	Pilot+Copilot	Parking Brake					
	A A	VENTURA	II.SNO	Wilcei	SP 🗆	4 Waster Cylinaers						
					Special Color							
	Aircraft Make	US catalog str Aircraft Make ICP VNT	US catalog string Aircraft Make Aircraft Model Landing Gear (optional) ICP VNT Ventura Not Applicable	US catalog string Example: VNT6X6NW18 Aircraft Make Aircraft Model Landing Gear (optional) Package ICP VNT Ventura Not Applicable 6.00-6" LE Wheel &	US catalog string Example: VNT6X6NW1BL4MCPB Aircraft Model Landing Gear (optional) Wheel & Brake Package Wheel (optional) ICP VNT	US catalog string Example: VNT6X6NW1BL4MCPB Aircraft Make Aircraft Model Landing Gear (optional) Wheel & Brake Package Wheel (optional) Wheel Color ICP VNT	US catalog string Example: VNT6X6NW1BL4MCPB Aircraft Make Aircraft Model Landing Gear (optional) Wheel & Brake Package Wheel (optional) Color ICP VNT	Aircraft Model Landing Gear (optional) Wheel & Brake Package Wheel (optional) Wheel Color Color Sall that apply) ICP VNT				

Tires	Aircraft Make/ Model	Wheel/Brake package P/N	Brake controls (included)	Nose/Tailwheel P/N (optional)	Wheel colour	Landing Gear (optional)	Accessories (order separately)	Notes
Wheel Axles	Jabiru Aircraft/	SJU03	1x master cylinder		standard		-SensAIR®	
Brake Controls Rudd'Air Pedals	Jabiru 170	Wheels 4.00-6" *tires 4.00-6"	Reservoir Parking brake		red or black			
	Town Town	Calipers/discs/pads	Limiter		color			
Regulators Anti-skid		Axles - Wheel caps	Brake lines/fittings				0.000	
Parking Valves	Jabiru Aircraft/	SJU01 5" WheelS	1x master cylinder				-SensAIR®	
Hoses/Fittings	Jabiru 400/430	Wheels 5.00-5" *tires 5.00-5"	Reservoir Parking brake					
HUSES/FILLINGS		Calipers/discs/pads	Limiter		other			
Spare Parts		Axles - Wheel caps	Brake lines/fittings		colors		Sens	
Tools		CHIOC CHIMID IC	4		option		CAID®	I C I a manuat
FAO:		SJU05 6" WheelS Wheels 6.00-6"	1x master cylinder Reservoir		₩ ₩		-SensAIR®	LG leg must be drilled
FAQs		*tires 6.00-6"	Parking brake		(#)			for a fifth
BERINGER Aero Technology		Calipers/discs/pads	Limiter				S Sans	hole
recrimology		Axles - Wheel caps	Brake lines/fittings					
They trust us)								

		, , , , , , , , , , , , , , , , , , , ,						Contacts
Aircraft Make/ Model	Wheel/Brake package P/N	Brake controls (included)	Nose/Tailwheel P/N (optional)	Wheel colour	Landing Gear (optional)	Accessories (order separately)	Notes	Webshop
JC Léger / Pataplume	SPA01 Wheels 4.00-6" *tires 6.00-6" Calipers/discs/pads Axles Wheel caps	Contact us		standard red or black color		-SensAIR® -Parking brake		History/ Values Certified kits/STCs Exp. Kits
JMB Aircraft / VL3	SVK01 Wheels 4.00-6" *tires 6.00-6" Calipers/discs/pads Axles Wheel caps	2x master cylinders Reservoirs ALIR Regulator Brake lines/fittings	SVK01A (fork 210mm) Wheel 3.50-4 *tire 4.00-4 Axle	other colors option	- Shock Wheel - SPEED'AIR fairings	-SensAIR® -Co-pilot brakes -Parking brake		SensAIR® Landing Gears ALG/B'FleX Shock Wheel Wheels/Brakes Nose-Tailwheels
Avions Jodel / D20 ULM	SJD01 Wheels 4.00-5" *tires 5.00-5" Calipers/discs/pads Axles Wheel caps	2x master cylinders Reservoirs ALIR Regulator Brake lines/fittings	TW-001 (GLR tailwheel) Wheel 3.50-4" *tire 2.80/2.50-4" Tailwheel support Lever to lock/ unlock			-SensAIR® -Co-pilot brakes -Parking brake	-The wheel axle fitting requires to weld a T1 bracket -GLR TW may need some modi- fication	Tires Wheel Axles Brake Controls Rudd'Air Pedals Regulators Anti-skid
Avions Jodel / Jodel 1.97" axle (50mm)	SJD03 6" wheels wit SJD05 6" wheels wit Wheels 6.00-6" - *t Calipers/discs/pads Axles/spacers to we Brake controls: ask	h fairings ires 6.00-6" Id	TW-001 (GLR tailwheel) Ask us			-SensAIR® -Datum skis mounting special parts		Parking Valves Hoses/Fittings Spare Parts Tools
	SJD04 5" wheels wit Wheels 5.00-5" - *t Calipers/discs/pads Axles/spacers to we Brake controls : ask	irés 5.00-5" Id				-SensAIR®		FAQs BERINGER Aero Technology

2)	*	Tires are optional and n	ot part of the standard	kits				
Contacts Webshop	Aircraft Make/ Model	Wheel/Brake package P/N	Brake controls (included)	Nose/Tailwheel P/N (optional)	Wheel colour	Landing Gear (optional)	Accessories (order separately)	Notes
Amorite Patents	Avions Jodel / D112	SJD06 Wheels 4.00-6" -	Brake controls/ Reservoirs/PKG:	TW-001 (GLR tailwheel)	standard red or black		-SensAIR®	
History/ Values		*tires 4.00-6" Calipers/discs/pads	ask us	Ask us	color			
Certified kits/STCs		Axles					3 mm	
Exp. Kits	Avions Jodel /	SJD02 Wheels 6.00-6" -	2x master cylinders Reservoirs	TW-001 (GLR tailwheel)			-SensAIR® -Parking brake	Other Jodel types : ask
SensAIR®	D140 Mousquetaire	*tires on demand	ALIR Regulator	Ask us			-Parking brake	us
Landing Gears ALG/B'FleX Shock Wheel		Calipers/discs/pads Axle parts to weld Brake controls :	Brake lines/fittings		other colors option			
Wheels/Brakes		ask us						
Nose-Tailwheels	Jalan I	SJO01	1x master cylinder	TW-001		ALC L TOTAL	-SensAIR®	-installing
Tires	Joker / J300	Wheels 6.00-6"	Reservoir	(GLR tailwheel)		-ALG L. gear + fuselage kit	-Co-pilot brake	the GLR TW
Wheel Axles		*tires 15x6.00-6" Calipers/discs/pads Axles	Parking brake Limiter Brake lines/fittings	Wheel 3.50-4" *tire 2.80/2.50-4"				may require some modi- fication
Brake Controls Rudd'Air Pedals		Wheel caps		Tailwheel support Lever to lock/ unlock				ncation
Regulators Anti-skid						- F		
Parking Valves	Jonker / JS1	JON02 Wheel 5.00-5"	Limiter Brake lines/fittings				-SensAIR®	
Hoses/Fittings		*tire 5.00-5" Caliper/disc/pads						
Spare Parts		Axle						
Tools		JON03 Wheel 5.00-5"	Brake on the control stick				Braus	
FAQs		*tire 5.00-5" Caliper/disc/pads	(for disabled pilot)					
BERINGER Aero Technology		Axle						

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	* Tires are optional and	not part of the standard	d kits					Contacts
Aircraft Make/ Model	Wheel/Brake package P/N	Brake controls (included)	Nose/Tailwheel P/N (optional)	Wheel colour	Landing Gear (optional)	Accessories (order separately)	Notes	Webshop
Just Aircraft / Highlander	SSJ01 (OEM LG) SSJ02 (ALG LG) Wheels 6.00-6" Calipers/discs/pads - DUAL brakes when tires >29" Axles Wheel caps	4x master cylinders Reservoirs ALIR Regulator Brake lines/fittings		red or black color	-ALG L. gear	-SensAIR® -Parking brake	- 8" wheel option for DURO 21" /27.5" Aero Classic tires -Co-pilot brakes included	History/ Values Certified kits/STCs Exp. Kits SensAIR®
Just Aircraft / Superstol XL	SSJ01 Wheels 6.00-6" DUAL Calipers Brake discs/pads Axles	4x master cylinders Reservoirs ALIR Regulator Brake lines/fittings		colors option		-SensAIR® -Parking brake	Co-pilot brakes included	Landing Gears ALG/B'FleX Shock Wheel Wheels/Brakes Nose-Tailwheels
	Wheel caps							Tires
	SSJ03 Wheels 7.00-8" DUAL Calipers Brake discs/pads	4x master cylinders Reservoirs ALIR Regulator Brake lines/fittings				-SensAIR® -Parking brake	Co-pilot brakes included	Wheel Axles Brake Controls Rudd'Air Pedals
	Axles Wheel caps							Regulators Anti-skid
A free Are	A 3 3 4 4 4 4 4					13 mm		Parking Valves
								Hoses/Fittings Spare Parts
								Tools
				_				FAQs
								BERINGER Aero Technology

* Tires are optional and not part of the standard kits

Contacts)	_
Webshop	

Aircraft

US catalog string Aircraft Model

Example: HLDALG6X6R4MCREG

Webshop
AEROTEC Patents
History/ Values
Certified kits/STCs
Exp. Kits

Make (optional) JUST HLD □ ALG 🗆 Highlander Alaska Landing Gear

Landing Gear 6X6 □ Dual Brake

Options (Check Wheel & Brake Tailwheel/Nose Wheel Accessories Controls Package wheel (optional) Color all that apply) (Order Separately) R□ 2MC □ REG □ Sensair 6.00-6" SL Wheel & Not Applicable Red Pilot Only **ALIR Regulator** Tire Pressure Mo-2 Master Cylinders nitoring System





US catalog string

7X8 □	BL □	4MC □	PB □	
7.00-8" SL Wheel & Dual Brake	Black	Pilot+Copilot 4 Master Cylinders	Parking Brake	
	SP □			
	Special Color			

Tires

Wheel Axles

Brake Controls Rudd'Air Peda

Regulators Anti-ski

Parking Valves

Hoses/Fittings

Spare Parts

Tools

FAQs

BERINGER Aero Technology

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J6			5						
dals	Aircraft Make	Aircraft Model	Landing Gear (optional)	Wheel & Brake Package	Tailwheel/Nose wheel (optional)	Wheel Color	Controls	Options (Check all that apply)	Accessories (Order Separately)
rs kid	JUST	SST 🗆	ALG □	6X6 □		R□	2MC □	REG □	Sensair
es		SuperSTOL	Alaska Landing Gear	6.00-6" SL Wheel & Dual Brake	Not Applicable	Red	Pilot Only 2 Master Cylinders	ALIR Regulator	Tire Pressure Mo- nitoring System
gs		4		7X8 □		BL □	4MC □	РВ□	
ts	A STATE OF THE PARTY OF THE PAR			7.00-8" SL Wheel & Dual Brake		Black	Pilot+Copilot 4 Master Cylinders	Parking Brake	
ols						SP □			
Qs)						Special Color			
m l	The second								

Example: SST6X6R4MCREG

	mes are optional and	not part of the standard						Contacts
Aircraft Make/ Model	Wheel/Brake package P/N	Brake controls (included)	Nose/Tailwheel P/N (optional)	Wheel colour	Landing Gear (optional)	Accessories (order separately)	Notes	Webshop
Kitfox Wheels 6.00-6" Reservoirs	4x master cylinders Reservoirs Brake lines/fittings	TW-001 (GLR tailwheel) Wheel 3.50-4" *tire 2.80/2.50-4" Tailwheel support	red or black color		-SensAIR® -Parking brake	-Installing the GLR TW may require some modi- fication	Anonie Patents History/ Values Certified kits/STCs	
	SKT04 Wheels 8.00-6" Calipers/discs/pads Axles Wheel caps	4x master cylinders Reservoirs Brake lines/fittings	Lever to lock/ unlock	other colors option	other colors option	Exp. Kits SensAIR® Landing Gears ALG/B'FleX Shock Wheel		
Kitfox Aircraft / Kitfox Leaf gear	SKT02 Wheels 6.00-6" Calipers/discs/pads Axles Wheel caps	4x master cylinders Reservoirs Brake lines/fittings	TW-001 (GLR tailwheel) Wheel 3.50-4" *tire 2.80/2.50-4" Tailwheel support Lever to lock/		-Shock Wheel	-SensAIR® -Parking brake	-Installing the GLR TW may require some modi- fication	Wheels/Brakes Nose-Tailwheels Tires
	SKT03 Wheels 4.00-6" Calipers/discs/pads Axles Wheel caps	2x master cylinders Reservoirs Brake lines/fittings	unlock				-Brake master cylinders must be validated -Installing the GLR TW may require some modification	Wheel Axles Brake Controls Rudd'Air Pedals
	SKT06 Wheels 8.00-6" Calipers/discs/pads Axles Wheel caps	4x master cylinders Reservoirs Brake lines/fittings						Regulators Anti-skid Parking Valves Hoses/Fittings
Kitfox Aircraft / Kitfox 7SS	SKT05 Wheels 4.00-5" *tires 11x4.00-5" Calipers/discs/pads Axles Wheel caps	2x master cylinders Reservoirs ALIR regulator Brake lines/fittings	AV-KIT-730 Wheel 3.50-4" Axle Fork dimension must be validated			-SensAIR® -Parking brake	-Brake mas- ter cylinders must be validated	Spare Parts Tools FAQs BERINGER Aero Technology
	l				<u> </u>			They trust us

* Tires are optional and not part of the standard kits

Contacts	Tires are optional and not part of the standard kits											
Webshop		US catalog strin	g Exar	mple: KTF016X6R4MC								
Amorité Patents	Aircraft Make	Aircraft Model	Landing Gear (optional)	Wheel & Brake Package	Tailwheel/Nose wheel (optional)	Wheel Color	Controls	Options (Check all that apply)	Accessories (Order Separately)			
History/ Values	Kitfox	KTF01 □	SW □*	6X6 □		R□	2MC □	REG □	Sensair			
Certified kits/STCs		TK1 Landing Gear	Shockwheel Landing Gear	6.00-6" SL Wheel & Dual Brake	Not Applicable	Red	Pilot Only 2 Master Cylinders	ALIR Regulator	Tire Pressure Mo- nitoring System			
Exp. Kits			System									
		KTF02 □		7X8 □		BL □	4MC □	PB □				
SensAIR®		Stock Spring/		7.00-8" SL Wheel &		Black	Pilot+Copilot	Parking Brake				
Landing Gears		Shock Monster Gear		Dual Brake			4 Master Cylinders					
ALĞ/B'FleX		Gear										
Shock Wheel						SP □						
Wheels/Brakes						Special						
						Color						
Nose-Tailwheels												

Tires

Wheel Axles

Brake Controls Rudd'Air Pedals

Regulators Anti-skid

Parking Valves

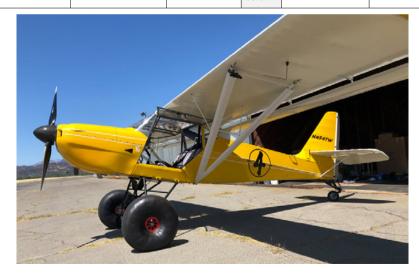
Hoses/Fittings

Spare Parts

Tools

FAQs

BERINGER Aero Technology



Contacts

		, ,						Contacts
Aircraft Make/ Model	Wheel/Brake package P/N	Brake controls (included)	Nose/Tailwheel P/N (optional)	Wheel colour	Landing Gear (optional)	Accessories (order separately)	Notes	Webshop
Lambert/ Mission 106	SLA04 Wheels 6.00-6"	2x master cylinders Reservoirs		standard red or		-SensAIR® -Parking brake		Amorite Patents
IVIISSIOII 100	*tires 22x8.50-6" Calipers/discs/pads	ALIR regulator Brake lines/fittings		black color		-Co-pilot brakes		History/ Values
CO.FIT	Axles	brake lines/fittings		600				Certified kits /STCs
	Wheel caps							Exp. Kits
Lancair / Lancair	SLC02 Wheels 4.00-5"	2x master cylinders Reservoirs	SLC01A Wheel 4.00.5"	(:0:)		-SensAIR® -Co-pilot brakes	Earliest types,	SensAIR®
320/360 RLG	*tires 11x4.00-5" Calipers/discs/pads Axles - Wheel caps	ALIR regulator Brake lines/fittings	*tire 11x4.00-5" Axle/special parts	other colors option		-Parking brake	please contact us	Landing Gears ALG/B'FleX Shock Wheel
	SLC08 Wheels 5.00-5"	2x master cylinders Reservoirs	SLC01A Wheel 4.00.5"					Wheels/Brakes
	*tires 5.00-5"	ALIR regulator	*tire 11x4.00-5"					Nose-Tailwheels
	Calipers/discs/pads Axles - Wheel caps	Brake lines/fittings	Axle/special parts					Tires
Lancair /	SLC01	2x master cylinders	SLC01A			-SensAIR®	Nose wheel	Wheel Axles
Lancair Legacy Barracuda	Wheels 5.00-5" *tires 5.00-5" Calipers/discs/pads	Reservoirs ALIR regulator Brake lines/fittings	Wheel 5.00.5" *tire 5.00-5" Axle/special parts			-Co-pilot brakes -Parking brake	fork 5.5" (139.7mm)	Brake Controls Rudd'Air Pedals
HTTP TELL	Axles - Wheel caps	Drake intesymetings	7 sacy special parts					Regulators Anti-skid
Lancair /	SLC06 Wheels 6.00-6"	2x master cylinders Reservoirs	SLC06A Wheel 5.00.5"			-SensAIR® -Co-pilot brakes	Nose wheel fork 5.5"	Parking Valves
Lancair IV	*tires 6.00-6"	ALIR regulator	*tire 5.00-5"			-Parking brake	(139.7mm)	Hoses/Fittings
	Calipers/discs/pads Axles - Wheel caps	Brake lines/fittings	Axle/special parts			/		Spare Parts
Lancair /			AV-LANC-430			-SensAIR®		Tools
Calima T90			Wheel 4.00.5" Axle					FAQs
			, rac					BERINGER Aero Technology
		I	I		I.	I.		They trust us

* Tires are optional and not part of the standard kits

Contacts
Webshop
AEROTEC* Patents
History/ Values
Certified kits/STCs
Exp. Kits

		US catalog str	ring E	Example: LAN34X5NWR4MCPB							
	Aircraft Make	Aircraft Model	Landing Gear (optional)	Wheel & Brake Package	Tailwheel/Nose wheel (optional)	Wheel Color	Controls	Options (Check all that apply)	Accessories (Order Separately)		
	ancair	LAN3 □		4X5 □	NW □	R□	2MC □	REG □	Sensair		
	320/360 RLG Not Applicable		Not Applicable	5.00-5" HL Wheel & Single Brake	4.00-5" Nosewheel	Red	Pilot Only 2 Master Cylinders	ALIR Regulator	Tire Pressure Mo- nitoring System		
,				5X5 □		BL 🗆	4MC □	РВ □			
	-		5	5.00-5" HL Wheel & Single Brake		Black	Pilot+Copilot 4 Master Cylinders	Parking Brake			
	And the second s					SP □					
ן ני						Special Color					

SensAIR®	/2
Landing Gears ALG/B'FleX Shock Wheel	fat
Wheels/Brakes	1

Nose-Tailwheels

Tires

Wheel Axles

Brake Controls Rudd'Air Pedals

Regulators Anti-skid

Parking Valves

Hoses/Fittings

Spare Parts

Tools

FAQs

BERINGER Aero Technology

->)									
es				Example: LAN25X5NWR4MCPB					
ls als	Aircraft Make	Aircraft Model	Landing Gear (optional)	Wheel & Brake Package	Tailwheel/Nose wheel (optional)	Wheel Color	Controls	Options (Check all that apply)	Accessories (Order Separately)
	Lancair	LAN2 □		5X5 □	NW 🗆	R□	2MC □	REG □	Sensair
rs	Legacy/Barra- Not Applicat		Not Applicable	e 5.00-5" HL Wheel & 4.00-5" Nosewheel Single Brake		Red	Pilot Only - 2 Mas- ter Cylinders	ALIR Regulator	Tire Pressure Mo- nitoring System
es						BL 🗆	4MC 🗆	PB 🗆	
ŗs)	and the same of th						Pilot+Copilot - 4 Master Cylinders	Parking Brake	
:s		N	1969L LEGAC		SP 🗆				



Wheels/Brakes

* Tires are optional and not part of the standard kits

Thes are optional and not part of the standard kits											
US catalog st	ring E	xample: LAN46X6NWF	R4MCPB					Webshop			
Aircraft Model	Landing Gear (optional)	Wheel & Brake Package	Tailwheel/Nose wheel (optional)	Wheel Color	Controls	Options (Check all that apply)	Accessories (Order Separately)	Anonce Patents			
LAN4 □		6X6 □	NW 🗆	R□	2MC □	REG □	Sensair	History/ Values			
Lancair IV	Not Applicable	6.00-6" HE Wheel & Single Brake	5.00-5" Nosewheel	Red	Pilot Only 2 Master Cylinders	ALIR Regulator	Tire Pressure Mo- nitoring System	Certified kits/STCs			
								Exp. Kits			
				BL □	4MC □	PB □					
				Black	Pilot+Copilot 4 Master Cylinders	Parking Brake		SensAIR® Landing Gears			
				SP 🗆				ALG/B'FleX Shock Wheel			
	US catalog str	US catalog string Example 1	US catalog string Example: LAN46X6NWF Aircraft Model Landing Gear (optional) Wheel & Brake Package LAN4 Lancair IV Not Applicable 6.00-6" HE Wheel &	Aircraft Model Landing Gear (optional) Wheel & Brake Package wheel (optional) LAN4 Lancair IV Not Applicable 6.00-6" HE Wheel & 5.00-5" Nosewheel Single Brake	US catalog string Example: LAN46X6NWR4MCPB Aircraft Model Landing Gear (optional) Wheel & Brake Package Wheel (optional) Color LAN4	US catalog string Example: LAN46X6NWR4MCPB Aircraft Model Landing Gear (optional) Wheel & Brake Package Wheel (optional) Wheel (optional) Color Controls LAN4	US catalog string Example: LAN46X6NWR4MCPB Aircraft Model Landing Gear (optional) Wheel & Brake Package Wheel (optional) Wheel (optional) Wheel (optional) Color Controls all that apply) LAN4 Lancair IV Not Applicable 6.00-6" HE Wheel & 5.00-5" Nosewheel Red Pilot Only 2 Master Cylinders ALIR Regulator 2 Master Cylinders Parking Brake BL Black Pilot+Copilot 4 Master Cylinders Parking Brake SP SP SP SP SP SP SP SP SP	US catalog string Example: LAN46X6NWR4MCPB Aircraft Model Landing Gear (optional) Wheel & Brake Package Wheel (optional) Color Controls Options (Check all that apply) (Order Separately) LAN4			

			1				Nose-Tailwheels
Aircraft Make/Model	Wheel/Brake package P/N	Brake controls (included)	Wheel colour	Landing Gear (optional)	Accessories (order separately)	Notes	Tires
Lockwood / Aircam	SARC01 Wheel 6.00-6" Calipers/discs/pads Axles	2x master cylinders Reservoirs ALIR Regulator Brake lines/fittings	standard red or black color		-SensAIR®		Wheel Axles Brake Controls Rudd'Air Pedals
CIA J ANCAN					Denn		Regulators Anti-skid Parking Valves
DAG DA /	SWI02	1x lever+master			-SensAIR®	Non certi-	Tarking valves
M&M / Swift S1	Wheel 4.00-5"	cylinder	other		SCHSAIR	fied kit	Hoses/Fittings
SWIIC ST	*tire 336x115-5" Caliper/disc/pads	Reservoir Limiter	colors				Spare Parts
	Axle - Wheel caps	Brake lines/fittings	₩				Tools
The same of the sa							FAQs
Ked Bull			₩		S som		BERINGER Aero Technology
							They trust us

Special Color

* Tires are optional and not part of the standard kits

Contacts		Tires are optional and it	ot part of the standard	KILS				
Webshop	Aircraft Make/ Model	Wheel/Brake package P/N	Brake controls (included)	Nose/Tailwheel P/N (optional)	Wheel colour	Landing Gear (optional)	Accessories (order separately)	Notes
History/ Values Certified kits/STCs Exp. Kits SensAIR® Landing Gears	Magni Gyro / M16-22 M24	SMG01 M16-22 SMG04 M24 Wheels 4.00-6" *tires 4.00-6" Calipers/discs/pads Axles - Wheel caps	1x lever+master cylinder Reservoir Brake lines/fittings	SMG01A fork 123mm SMG02A fork 143mm Wheel 3.50-4" *tire 4.00-4" Axle	red or black color other	-Shock Wheel -SPEED'AIR fairings	-SensAIR® -Limiter -6" Reinforced tire wheel kit SMG03 M16-22 SMG06 M24	When Shock Wheel installed, Nose wheel kit must be SMG03 and the wheel fairings must be cut
ALG/B'FleX Shock Wheel Wheels/Brakes Nose-Tailwheels	M16-22 Tundra M24 Tundra	SMG02 M16-22 SMG05 M24 Wheels 4.00-6" *tires 6.00-6" Calipers/discs/pads Axles - Wheel caps	1x lever+master cylinder Reservoir Brake lines/fittings	SMG03A Wheel 4.00-6" *tire 4.00-6" Axle	colors option		-SensAIR® -Limiter	(template delivered)

Brake Controls Rudd'Air Pedals		US catalog str	ring Exampl	e: M16SW4X6NW1 H	IBL				
Regulators Anti-skid	Aircraft Make	Aircraft Model	Landing Gear (optio- nal)	Wheel & Brake Package	Tailwheel/Nose wheel (optional)	Wheel Color	Controls	Options (Check all that apply)	Accessories (Order Separately)
Daulius Values	MAGNI	M16 □	SW □	4X6 □	NW1 □	R□	НВ□	L□	Sensair
Parking Valves		M16 Trainer /	Shockwheel Landing		3.50-4" Nosewheel -	Red		Pressure	Tire Pressure Mo-
Hoses/Fittings		M22 Voyager	Gear System	Single Brake	123mm Fork		Master Cylinder	Limiter	nitoring System
Spare Parts		M24 □		6X6 □	NW2 □	BL □			SpeedAIR □
Spare Parts	M24 Orion				3.50-4" Nosewheel -	Black			Wheel Pant/
Tools				Single Brake	143mm Fork				Fairing
510					NW3 □	SP □			
FAQs					4.00-6" Nosewheel	Special			
BERINGER Aero Technology						Color			



Wheel Axles



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	Thes are optional and	Thot part of the standar	u kits	_				Contacts
Aircraft Make/ Model	Wheel/Brake package P/N	Brake controls (included)	Nose/Tailwheel P/N (optional)	Wheel colour	Landing Gear (optional)	Accessories (order separately)	Notes	Webshop
Marcel Jurca Aviation / Sirocco MJ5	SSI01 Wheels 6.00-6" *tires 15x6.00-6"	2x master cylinders Reservoirs ALIR Regulator		standard red or black color		-SensAIR®		Auoiii Patents History/ Values
	Calipers/discs/pads Axles+support to weld	Brake lines/fittings		COIOI				Certified kits /STCs Exp. Kits
Max Plan/ Busard MP207	SBU01 Wheels 5.00-5"	2x master cylinders Reservoirs			-Shock Wheel -SPEED'AIR	-SensAIR® -Parking brake		SensAIR®
1	*tires 336x115-5" Calipers/discs/pads Axles	ALIR Regulator Brake lines/fittings		other colors option	fairings	1		Landing Gears ALG/B'FleX Shock Wheel
								Wheels/Brakes
Mudry / Cap 231	SMU03 Wheels 5.00-5"	2x master cylinders Reservoirs				-SensAIR® -Co-pilot brakes		Nose-Tailwheels
A	*tires 5.00-5" Calipers/discs/pads	ALIR Regulator Brake lines/fittings		683				Tires
	Axles Wheel caps	, 5						Wheel Axles
Murphy /	SMU01	Ask us			ALG landing	-SensAIR®		Brake Controls Rudd'Air Pedals
Rebel Maverick	SMU 02 Wheels 6.00-6" Calipers/discs/pads				gear			Regulators Anti-skid
	Axles - Wheel caps					(Dunt		Parking Valves
13								Hoses/Fittings
MX Aircraft /	SMX01	2x master cylinders			N. C.	-SensAIR®		Spare Parts
MXS	Wheels 5.00-5" *tires 5.00-5"	Reservoirs Brake lines/fittings				-Parking brake		Tools
	Calipers/discs/pads Axles	, 0						FAQs
THE REAL PROPERTY.	Wheel caps							BERINGER Aero Technology

Contacts	* Tires are optional and not part of the standard kits										
Webshop	Aircraft Make/ Model	Wheel/Brake package P/N	Brake controls (included)	Nose/Tailwheel P/N (optional)	Wheel colour	Landing Gear (optional)	Accessories (order separately)	Notes			
History/ Values Certified kits/STCs Exp. Kits	Nando Groppo Trail /G70	SNG01 Wheels 6.00-6" *tires 15x6.00-6" Calipers/discs/pads Axles Wheel caps	2x master cylinders Reservoirs ALIR Regulator Brake lines/fittings	TW-001 (GLR tailwheel) Wheel 3.50-4" *tire 2.80/2.50-4" Tailwheel support Lever to lock/unlock	standard red or black color	-Shock Wheel - ALG L. gear + fuselage kit	-SensAIR® -Parking brake	-Bigger main wheel tires are availbale. In that case, the GLR tailwheel kit must be			
SensAIR® Landing Gears ALG/B'FleX Shock Wheel Wheels/Brakes		SNG03 Wheels 6.00-8" *tires DURO 21" or 27.5" Calipers/discs/pads Axles Wheel caps	2x master cylinders Reservoirs ALIR Regulator Brake lines/fittings	AV-GROP-620 (GLR tailwheel) Wheel 3.50-4" *tire 2.80/2.50-4" Tailwheel support Lever to lock/unlock	other colors option			AV-GROP-630 (4.00-4" tire) -> Leaf must be changed and some adaptation is required			
Nose-Tailwheels Tires Wheel Axles Brake Controls Rudd'Air Pedals	Neukom / Elfe S4	5" wheel kit Wheel 5.00-5" *tire 380x150-5" Caliper/disc/pads Special parts axle	1x master cylinder Reservoir Brake lines/fittings				-SensAIR®				
Regulators Anti-skid Parking Valves Hoses/Fittings Spare Parts Tools FAQs BERINGER Aero Technology	Norécrin / Nord 1200/1201 1202/1203	SNR01 Wheels 6.00-6" *tires 6.00-6" Calipers/discs/pads Axles Wheel caps	2x master cylinders Reservoirs ALIR Regulator Brake lines/fittings	AV-NORD-030 Wheel 5.00-5" *tire 5.00-5" Axle			-SensAIR® -Parking brake	Non certified kit			



	- постанования							Contacts
Aircraft Make/ Model	Wheel/Brake package P/N	Brake controls (included)	Nose/Tailwheel P/N (optional)	Wheel colour	Landing Gear (optional)	Accessories (order separately)	Notes	Webshop
Norman Aviation /	SKA01 Wheels 6.00-6"	2x master cylinders Reservoirs		standard red or		-SensAIR® -Co-pilot brakes		Anonce Patents
Karatoo	*tires 15x6.00-6" Calipers/discs/pads	ALIR Regulator Brake lines/fittings		black color		-Parking brake		History/ Values
1/200	Axles	brake lilles/fittings						Certified kits /STCs
	Wheel caps							Exp. Kits
								SensAIR®
Pietenpol	2x AV-PIET-020 - 5.00-5" vintage spoke wheels	Optional : 2x master cylinders Reservoirs	(SUE)	other colors option			Aluminum wheel / stainless	Landing Gears ALG/B'FleX Shock Wheel
	- *tires 3.50-19"	ALIR Regulator		(D)			steel spokes	Wheels/Brakes
0.0	vintage style/tubes Calipers/discs/pads	Brake lines/fittings						Nose-Tailwheels
	Axles on demand Wheel caps			(272)				Tires
Pipistrel /	SPP02	1x master cylinder	SPP01A		-Shock Wheel	-SensAIR®		Wheel Axles
Alpha Trainer Velis Electro	Wheels 4.00-6" *tires 4.00-6"	Lever Reservoir	Wheel 3.50-4" *tire 4.00-4"		-SPEED'AIR fairings	-Parking brake		Brake Controls Rudd'Air Pedals
	Calipers/discs/pads Axles Wheel caps	Limiter Brake lines/fittings	Axle					Regulators Anti-skid
					(0)			Parking Valves
100						Sans Brens		Hoses/Fittings
								Spare Parts
	Activities of the							Tools
VELIE	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1							FAQs
	0							BERINGER Aero Technology
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C11-	*	Tires are optional and n	* Tires are optional and not part of the standard kits												
Contacts Webshop	Aircraft Make/ Model	Wheel/Brake package P/N	Brake controls (included)	Nose/Tailwheel P/N (optional)	Wheel colour	Landing Gear (optional)	Accessories (order separately)	Notes							
Amorite Patents	Pipistrel / Sinus-Virus	SPP01 Wheels 4.00-6"	2x master cylinders Reservoirs	Nose wheel kits : SPP01A	standard red or	-Shock Wheel -SPEED'AIR	-SensAIR® -Co-pilot brakes	Please give the dimen-							
History/ Values		*tires 4.00-6" Calipers/discs/pads	ALIR Regulator Brake lines/fittings	Wheel 3.50-4" * tire 4.00-4"	black color	fairings	-Parking brake	sion of the nose wheel							
Certified kits/STCs	10 May 10	Axles Wheel caps	brake intestrictings	Axle or AV-PIP-631		1 1		fork							
Exp. Kits		villeer caps		Fork 5.12"/130mm											
SensAIR®				Wheel 3.50-4" * tire 4.00-4"											
Landing Gears ALG/B'FleX Shock Wheel				Axle or AV-PIP-930 fork=4.45"/113mm	other colors option		T seas								
Wheels/Brakes				Wheel 3.50-4" * tire 4.00-4"	₩										
Nose-Tailwheels				Axle Tailwheel kit : JC-01											
Tires				Wheel/tire 200x50 Special spacers											
Wheel Axles				Special Spacers											

Brake Controls Rudd'Air Pedals									
Regulators	US catalog string Example: PIPSV4X6NW1R4MCPB								
Anti-skid Parking Valves	Aircraft Make	Aircraft Model	Landing Gear (optional)	Wheel & Brake Package	Tailwheel/Nose wheel (optional)	Wheel Color	Controls	Options (Check all that apply)	Accessories (Order Separately)
Parking valves	Pipistrel	PIPSV 🗆	SW □	4X6 □	NW1 □	R□	2MC □	REG □	Sensair
Hoses/Fittings		Sinus/Virus	Shockwheel Landing Gear System	4.00-6" SL Wheel & Single Brake	3.50-4" Nosewheel - 168mm Fork	Red	Pilot Only 2 Master Cylinders	ALIR Regulator	Tire Pressure Mo- nitoring System
Spare Parts		Mary Total	第一个人的		NW2 □	BL 🗆	4MC □	PB □	SpeedAIR
Tools					3.50-4" Nosewheel - 130mm Fork	Black	Pilot+Copilot 4 Master Cylinders	Parking Brake	Wheel Pant/ Fairing
FAQs		The second			NW3 □	SP □			
BERINGER Aero Technology				- T	3.50-4" Nosewheel - 115mm Fork	Special Color			

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	* Tires are optional and	d not part of the standar	rd kits					C11-
Aircraft Make/ Model	Wheel/Brake package P/N	Brake controls (included)	Nose/Tailwheel P/N (optional)	Wheel colour	Landing Gear (optional)	Accessories (order separately)	Notes	Contacts Webshop
Platzer / Kiebitz	SKI01 Wheels 4.00-6"	1x master cylinder Reservoir		standard red or		-SensAIR® -Co-pilot brake		Amorite Patents
RIEDICZ	*tires 21x8.00-6" Calipers/discs/pads	Parking brake Limiter		black color				History/ Values
	Axles - Wheel caps	Brake lines/fittings						Certified kits/STCs
						0 mm		Exp. Kits
								SensAIR®
				other colors				Landing Gears ALG/B'FleX Shock Wheel
Quercy	SQU01 Wheels 4.00-6"	2x master cylinders Reservoirs	AV-QUE-030 Wheel 3.50-4"	option		-SensAIR® -Co-pilot brakes		Wheels/Brakes
	*tires 15.6.00-6" Calipers/discs/pads	ALIR Regulator Brake lines/fittings	*tire 4.00-4" Axle			-Parking brake -Rudd'AIR		Nose-Tailwheels
500	Axles - Wheel caps			(CO)		pedals		Tires
								Wheel Axles
								Brake Controls Rudd'Air Pedals
								Regulators Anti-skid
Rand Robinson	SKR01	Brake controls :				-SensAIR®		Parking Valves
KR2	Wheels 3.50-4" *tires 4.00-4"	ask us						Hoses/Fittings
	Calipers/discs/pads Axles - Wheel caps							Spare Parts
The state of the s						State Denne		Tools
								FAQs
								BERINGER Aero Technology

0	*	Tires are optional and n	ot part of the standard I	kits				
Contacts Webshop	Aircraft Make/ Model	Wheel/Brake package P/N	Brake controls (included)	Nose/Tailwheel P/N (optional)	Wheel colour	Landing Gear (optional)	Accessories (order separately)	Notes
History/ Values	Rans / Coyote S6 Recent type	SRA02 Wheels 6.00-6" Calipers/discs/pads Axles - Wheel caps	2x master cylinders Reservoirs Regulator Brake lines/fittings	AV-RANS-030 fork 3.87"/97.6mm Wheel 4.00-6" * tire - Axle	standard red or black color	-Shock Wheel -SPEED'AIR fairings	-SensAIR® -Co-pilot brakes except S7 -Parking brake	- GLR groundloop resistant tailwheel
Exp. Kits SensAIR® Landing Gears	WITEELS 7.00-0	2x master cylinders Reservoirs Regulator Brake lines/fittings	or OEM axle screwed AV-RANS-031 fork 6.14"/156mm Wheel 4.00-6" * tire - Axle				installation may require some modi- fications. - A GLR type with smaller	
ALG/B'FleX Shock Wheel Wheels/Brakes		Wheels 7.00-8" Calipers/discs/pads	2x master cylinders Reservoirs Regulator Brake lines/fittings	or TW-002 (GLR tailwheel) Wheel 3.50-4" *tire 4.00-4" Tailwheel support	other colors option			wheel is also available with tire 2.80/2.50-4"
Tires				Lever to lock/ unlock				
Wheel Axles Brake Controls Rudd'Air Pedals	Rans / Coyote S6 1st type	SRA01 SRA06 axle 0.83" Wheels 6.00-6" Calipers/discs/pads Axles - Wheel caps	2x master cylinders Reservoirs Regulator Brake lines/fittings				-SensAIR® -Co-pilot brakes -Parking brake	
Regulators Anti-skid Parking Valves Hoses/Fittings	Rans / S19	SRA03 Wheels 5.00-5" *tires 5.00-5" Calipers/discs/pads	2x master cylinders Reservoirs Regulator Brake lines/fittings				-SensAIR® -Co-pilot brakes -Parking brake	
Spare Parts		Axles - Wheel caps						
Tools FAQs	Rans / \$21	SRA06 Wheels 6.00-6" *tires 6.00-6" Calipers/discs/pads	ask us Brake lines/fittings				-SensAIR®	
BERINGER Aero Technology	100	Axles - Wheel caps					G-00	



								Contacts
Aircraft Make/ Model	Wheel/Brake package P/N	Brake controls (included)	Nose/Tailwheel P/N (optional)	Wheel colour	Landing Gear (optional)	Accessories (order separately)	Notes	Webshop
Roko Airplanes Roko NG4	SMS01 Wheels 4.00-6"	2x master cylinders Reservoirs	Ask us			-SensAIR® -Co-pilot brakes	5" main wheels avai-	Anomit Patents
NORO 14G4	*tires 15.6.00-6" Calipers/discs/pads	ALIR Regulator Brake lines/fittings				-Parking brake	lable	History/ Values
	Axles	brake lines/fittings				100		Certified kits /STCs
	Wheel caps							Exp. Kits
								SensAIR®
Rotor Flight Dynamics / Dominator	SDO02 Wheels 4.00-6" *tires 4.00-6"	1x master cylinder Reservoir Parking brake	Ask us			-SensAIR®		Landing Gears ALG/B'FleX Shock Wheel
	Calipers/discs/pads Axles	Limiter Brake lines/fittings		(30)				Wheels/Brakes
						D was		Nose-Tailwheels
				200				Tires
Rutan /	SLC05	2x master cylinders	AV-COZ-030			-SensAIR®		Wheel Axles
Cozy Mark IV	Wheels 5.00-5" *tires 5.00-5" Calipers/discs/pads	Extenders Reservoirs ALIR Regulator	Fork 5.12" Wheel 3.50-4" *tire 2.80/2.50-4"			-Co-pilot brakes -Parking brake		Brake Controls Rudd'Air Pedals
	Axles Wheel caps	Brake lines/fittings	Axle			1		Regulators Anti-skid
								Parking Valves
	SDF01	2	SDR01A			-SensAIR®		Hoses/Fittings
Rutan / Dragon Fly	Wheels 5.00-5"	2x master cylinders Reservoirs	Wheel 3.50-4"	(QA)		-Co-pilot brakes		Spare Parts
-	*tires 5.00-5" Calipers/discs/pads	Brake lines/fittings	*tire 10x3.50-4" Axle			-Parking brake -ALIR Regulator		Tools
-	Axles Wheel caps					4		FAQs
	TTHECT CUPS							BERINGER Aero Technology
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)	*	Tires are optional and n	ot part of the standard	kits				
Contacts Webshop	Aircraft Make/ Model	Wheel/Brake package P/N	Brake controls (included)	Nose/Tailwheel P/N (optional)	Wheel colour	Landing Gear (optional)	Accessories (order separately)	Notes
AEROTIC Patents	Rutan / Long'Ez	SLE01 Wheels 5.00-5"	Reservoirs	Wheel 3.50-4"	standard red or black		-SensAIR® -Co-pilot brakes	
History/ Values		*tires 5.00-5" Calipers/discs/pads	ALIR Regulator Brake lines/fittings	*tire 2.80/2.50-4" Axle	color		-Parking brake	
Certified kits/STCs		Axles						
Exp. Kits	1	Wheel caps						
SensAIR®							1	
Landing Gears ALG/B'FleX	Rutan /	SLE02	2x master cylinders	Ask us	other colors		-SensAIR®	
Shock Wheel	VariEze	Wheels 4.00-5" *tires 11x4.00-5"	Reservoirs ALIR Regulator		option		-Co-pilot brakes -Parking brake	
Wheels/Brakes		Calipers/discs/pads	Brake lines/fittings		622			
Nose-Tailwheels		Axles Wheel caps						
Tires		·					3	
Wheel Axles	Schleicher /	Wheel 5.00-5"	1x master cylinder				-SensAIR®	Wheel .
Brake Controls Rudd'Air Pedals	ASW17/ASW22	*tire 5.00-5" Caliper/disc/pads Axle	Reservoir Limiter Brake lines/fittings					spacer to be made by yourself
Regulators Anti-skid							Sta Drent	
Parking Valves								
Hoses/Fittings	Seamax /	SSEA01	2x master cylinders				-SensAIR®	Wheels have
Spare Parts	M22	Wheels 4.00-5" *tires 11x4.00-5"	Reservoirs Brake lines/fittings				-Parking brake	stainless steel bea-
Tools		Calipers/discs/pads Axles	,					rings
FAQs		Wheel caps						
BERINGER Aero Technology							2	

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	* Tires are optional and	not part of the standar	d kits					Contacts
Aircraft Make/ Model	Wheel/Brake package P/N	Brake controls (included)	Nose/Tailwheel P/N (optional)	Wheel colour	Landing Gear (optional)	Accessories (order separately)	Notes	Webshop
Skyleader 150/200	SSL01 Wheels 4.00-5" *tires 11x4.00-5" Calipers/discs/pads Axles - Wheel caps	1x master cylinder Reservoir Parking brake Limiter Brake lines/fittings	SSL01A Wheel 3.50-4" *tire 4.00-4" Axle	standard red or black color		-SensAIR® -Rudder co-pilot brakes	SL400 : ask us	History/ Values Certified kits/STCs Exp. Kits
SkyReach / Cheetah XLS	SCX01 Wheels 4.00-6" *tires 4.00-6" Calipers/discs/pads Axles/Parts Wheel caps	1x master cylinder Reservoir Parking brake Limiter Brake lines/fittings	Ask us	other colors option		-SensAIR® -Co-pilot brake		SensAIR® Landing Gears ALG/B'FleX Shock Wheel Wheels/Brakes
Spacek / SD2	SPAC01 Wheels 4.00-6" *tires 4.00-6" Calipers/discs/pads Axles Wheel caps	1x master cylinder Lever Reservoir Limiter Brake lines/fittings	SPAC01A Wheel 3.50-4" *tire 4.00-4" Axle			-SensAIR® -Parking brake		Nose-Tailwheels Tires Wheel Axles Brake Controls Rudd'Air Pedals
Team Aircraft / Airbike	SAB01 6" wheels Wheels 4.00-6" Calipers/discs/pads Axles Wheel caps	1x master cylinder Reservoir Parking brake Limiter Brake lines/fittings				-SensAIR®		Regulators Anti-skid Parking Valves Hoses/Fittings Spare Parts
	SAB02 5" wheels Wheels 5.00-5" *tires 5.00-5" Calipers/discs/pads Axles Wheel caps	1x master cylinder Reservoir Parking brake Limiter Brake lines/fittings						Tools FAQs BERINGER Aero Technology

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



* 7	ires are optional and not part of t	he standard kits					Contacts
Aircraft Make/ Model	Wheel/Brake package P/N	Brake controls (included)	Nose/Tailwheel P/N (optional)	Wheel colour	Landing Gear (optional)	Accessories (order separately)	Webshop
TL Ultralight / Condor TL-232	SLC05 Wheels 6.00-6"	1x master cylinder Reservoir		standard red or		-SensAIR®	Amorite Patents
The same of the sa	*tires 6.00-6" Calipers/discs/pads Axles	Parking brake Limiter		black color			History/ Values
		Brake lines/fittings					Certified kits /STCs
THE REAL PROPERTY.							Exp. Kits
TL Ultralight / Sting Carbon	SSC01 Wheels 4.00-5"	2x master cylinders Reservoirs	fork 5.16" 131mm		Shock Wheel dimensions	-SensAIR® -Co-pilot brakes	SensAIR®
	*tires 11x4.00-5" Calipers/discs/pads Axles/Parts - Wheel caps	ALIR Regulator Brake lines/fittings	1x wheel 3.50-4" * tire 4.00-4" - Axle or AV-STING-032	other colors option	and drawing of the spring leaves must	-Parking brake	Landing Gears ALG/B'FleX Shock Wheel
			fork 5.71" 145mm Wheel 3.50-4" - Axle		be checked		Wheels/Brakes
	SSC03	2x master cylinders			- Mar		Nose-Tailwheels
	SSC04 leaf gear 36mm Wheels 4.00-6"	Reservoirs ALIR Regulator		(50)		3	Tires
	*tires 4.00-6" Calipers/discs/pads	Brake lines/fittings					Wheel Axles
o.:	Axles/Parts - Wheel caps SSC05	2x master cylinders	AV-STING-031	-		-SensAIR®	Brake Controls Rudd'Air Pedals
Sting carbon Leaf gear special drilling	Wheels 4.00-6" *tires 4.00-6" Calipers/discs/pads	Reservoirs ALIR Regulator Brake lines/fittings	1x wheel 4.00-6 * tire 4.00-6" 1x axle			-Co-pilot brakes -Parking brake	Regulators Anti-skid
	Axles - Wheel caps	Brake inies/ rittings	TX dxic				Parking Valves
Sting carbon	SSC06 Wheels 4.00-6"	2x master cylinders Reservoirs	AV-STING-031 1x wheel 4.00-6			-SensAIR®	Hoses/Fittings
Leaf gear 31mm + fairings	*tires 4.00-6"	ALIR Regulator	* tire 4.00-6"			-Co-pilot brakes -Parking brake	Spare Parts
	Calipers/discs/pads - Axles	Brake lines/fittings	1x axle				Tools
TL3000-Sirius	SSC07 Wheels 4.00-6"	2x master cylinders Reservoirs	AV-STING-031 1x wheel 4.00-6			-SensAIR® -Co-pilot brakes	FAQs
	*tires 15x6.00-6" Calipers/discs/pads - Axles	ALIR Regulator Brake lines/fittings	* tire 4.00-6" 1x axle			-Parking brake	BERINGER Aero Technology
8 8							They trust us

	*	Tires are optional and n	ot part of the standard	kits				
Contacts Webshop	Aircraft Make/ Model	Wheel/Brake package P/N	Brake controls (included)	Nose/Tailwheel P/N (optional)	Wheel colour	Landing Gear (optional)	Accessories (order separately)	Notes
Amorite Patents History/ Values	TLAC / Sherwood Ranger	SSH01 Wheels 4.00-6" *tires 21x8.00-6" Calipers/discs/pads	1x master cylinder Reservoir Parking brake Limiter		standard red or black color		-SensAIR® -Co-pilot brake	
Certified kits/STCs Exp. Kits SensAIR®		Axles Wheel caps	Brake lines/fittings					
Landing Gears ALG/B'FleX Shock Wheel	UAB / Lak 17B	SLA02 Wheel 5.00-5" *tire 336x115x5" Caliper/disc/pads	1x master cylinder Reservoir Limiter Brake lines/fittings		other colors option		-SensAIR®	
Wheels/Brakes Nose-Tailwheels Tires		Axle						
Wheel Axles Brake Controls	UAB / Mini Lak	SLA03 Wheel 3.50-4" *tire 4.00-4" Caliper/disc/pads	1x master cylinder Reservoir Limiter Brake lines/fittings				-SensAIR®	
Rudd'Air Pedals Regulators Anti-skid		Axle	. •				(Juns	
Parking Valves Hoses/Fittings	Ulbi/ Wild Thing	SWT01 Wheels 6.00-6" *tires 15X6.00-6" Calipers/discs/pads	1x master cylinder Reservoir Parking brake Limiter	TW-002 GLR tailwheel Wheel 3.50-4" * tire 4.00-4"		ALG landing gear	-SensAIR® -Co-pilot brakes	Other tires available
Spare Parts Tools		Axles Wheel caps	Brake lines/fittings	Tailwheel support Lever to lock/ unlock				
FAQs BERINGER Aero Technology							D rent	
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	* Tires are optional and	not part of the standard	d kits					Cambanta
Aircraft Make/ Model	Wheel/Brake package P/N	Brake controls (included)	Nose/Tailwheel P/N (optional)	Wheel colour	Landing Gear (optional)	Accessories (order separately)	Notes	(Webshop
Ultralight Concept / Stampe SV4	STA01 Wheels 4.00-6" *tires 4.00-6" Calipers/discs/pads Axles Wheel caps	1x master cylinder Reservoir Parking brake Limiter Brake lines/fittings	AV-STAMP-030 Wheel 200-500 *tire 200x50 (tire +tube) Special parts GLR groundloop	standard red or black color	ALG landing gear	-SensAIR® -Co-pilot brake		History/ Values Certified kits/STCs Exp. Kits
	STA03 Wheels 7.00-8" *tires 21" or 27.5" Calipers/discs/pads Axles Wheel caps	1x master cylinder Reservoir Parking brake Limiter Brake lines/fittings	resistant TW :	other colors option	4	B sent		SensAIR® Landing Gears ALG/B'FIeX Shock Wheel Wheels/Brakes
	STA04 Wheels 6.00-6" *tires 22x8.50-6" Calipers/discs/pads Axles Wheel caps	1x master cylinder Reservoir Parking brake Limiter Brake lines/fittings			ALG landing gear (requires modi- fication on the fuselage)			Nose-Tailwheels Tires Wheel Axles Brake Controls Rudd'Air Pedals
Ultravia / Pelican	SPE01 Wheels 6.00-6" Calipers/discs/pads Axles Wheel caps	2x master cylinders Reservoirs ALIR Regulator Brake lines/fittings				-SensAIR® -Co-pilot brakes -Parking brake	Several types of tires avai- lable	Regulators Anti-skid Parking Valves Hoses/Fittings
Urban Air / Samba XXL	SBA01 Wheels 4.00-6" *tires 4.00-6" Calipers/discs/pads Axles Wheel caps	1x master cylinder Reservoir Parking brake Limiter Brake lines/fittings				-SensAIR® -Co-pilot brake		Spare Parts Tools FAQs BERINGERAero Technology

•		med wheelibrake kits						
Contacts	* Tires are	optional and not part of the stan	dard kits					
Webshop	Aircraft Make/Model	Wheel/Brake package P/N	Brake controls (included)	Nose/Tailwheel P/N (optional)	Wheel colour			
AEROTEC* Patents	Van's /RV3	SRVCO03 Wheels 5.00-5"	2x master cylinders Brake lines/fittings		standard red or			
History/ Values	1	*tires 11x4.00-5" Calipers/discs/pads	, ,		black color			
Certified kits/STCs		Axles						
Exp. Kits	RV4/6/7/8/9/10/12/14 Including A types		with rudder pedal brakes), you me fuselage kit are described undern	ust order a fuselage kit + a finish kit.				
SensAIR® Landing Gears	melading A types		e lines are also available. Ask us	icaui.				
ALG/B'FleX Shock Wheel			Brake controls		other colors option			
Wheels/Brakes		SRVFU01 Fuselage kit						
Nose-Tailwheels		2x master cylinders - Brake l	, 6					
Tires		SRVFU02 Fuselage kit + co-pilot brakes 4x master cylinders - Brake lines/fittings						
Wheel Axles Brake Controls	2 PACE	SRVFU03 Fuselage kit + park 2x master cylinders - Parking						
Rudd'Air Pedals		SRVFU04 Fuselage kit + co-p 4x master cylinders - Parking	pilot brakes + parking brake g brake - Brake lines/fittings					
Regulators Anti-skid			ike package P/N	Nose/Tailwheel P/N (optional)				
Parking Valves	RV4/6-6A/7-7A	SRVFI02 Wheel/Brake finish	νi+	SRV02A				
Hoses/Fittings	RV8-8A/9-9A	2x wheels 5.00-5" - * tires 5 Calipers/discs/pads - Axles -	.00-5"	Nose wheel 4.00-5" *tire 11x4.00-5" - Axle				
Spare Parts								
Tools	RV8 Grove LG	SRVFI03 5" Wheel/Brake fin 2x wheels 5.00-5" - * tires 5 Calipers/discs/pads - Axles -	.00-5"	SRV02A Nose wheel 4.00-5" *tire 11x4.00-5" - Axle				
BERINGER Aero Technology	A ISSU	SRVF109 6" Wheel/Brake fin 2x wheels 6.00-6" - * tires 6 Calipers/discs/pads - Axles -	ish kit .00-6"					
The		l .		I .				



Technology
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* Tires are optional and not part of the standard kits Contacts Aircraft Make/Model Wheel/Brake package P/N Nose/Tailwheel P/N (optional) Wheel colour Webshop Van's / RV10 SRVFI05 Wheel/Brake finish kit SRVFI01 standard Amore Patents 2x wheels 6.00-6" - * tires 15x6.00-6" Nose wheel 5.00-5" red or black Calipers/discs/pads - Axles - Brake lines/fittings *tire 5.00-5" - Axle History/ Values color Certified kits /STCs Exp. Kits Van's / RV14A SRVFI06 5" Wheel/Brake finish kit SRVFI01 2x wheels 5.00-5" - * tires 5.00-5" SensAIR® Nose wheel 5.00-5" Calipers/discs/pads - Axles/parts - Brake lines/fittings *tire 5.00-5" - Axle Landing Gears ALG/B'FleX other SRVFI08 6" Wheel/Brake finish kit colors Shock Wheel 2x wheels 6.00-6" - * tires 6.00-6" option Calipers/discs/pads - Axles - Brake lines/fittings Wheels/Brakes Van's / RV14 SRVFI04 5" Wheel/Brake finish kit SRVFI01 Nose-Tailwheels 2x wheels 5.00-5" - * tires 5.00-5" Nose wheel 5.00-5" Calipers/discs/pads - Axles/parts - Brake lines/fittings *tire 5.00-5" - Axle Tires SRVFI07 6" Wheel/Brake finish kit Wheel Axles 2x wheels 6.00-6" - * tires 6.00-6" Calipers/discs/pads - Axles - Brake lines/fittings **Brake Controls** Rudd'Air Pedals RV15 kit will be soon available, stay tuned ... Regulators Accessories (order separately) Anti-skid Parking Valves Van's / - SRVFU06 Anti-lock ALIR regulator kit: ALIR regulator - Spacer - Hydraulic (brake lines/fittings) RV4/6/7/8/9/10/12/14 - SensAIR® Hoses/Fittings Including A types Spare Parts Tools All types when finish - SRVFU07 Parking brake kit: Parking brake valve - Brake lines/fittings FAQs kit does not mention it SensAIR® BERINGER Aero

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* Tires are optional and not part of the standard kits

Contacts

Webshop

Amorite Patents History/ Values

Certified kits /STCs

Exp. Kits

SensAIR®

Landing Gears ALG/B'FleX Shock Wheel

Wheels/Brakes

Nose-Tailwheels

Tires

Wheel Axles

Brake Controls Rudd'Air Pedals

Regulators Anti-skid

Parking Valves

Hoses/Fittings

Spare Parts

Tools

FAQs

BERINGER Aero Technology

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	US catalog string	g Exam	ple: RV106X6NW	Р КЧМСРВ				
Aircraft make	Aircraft Model	Landing Gear (optional)	Wheel & Brake Package	Tailwheel/Nose wheel (optional)	Wheel Color	Controls	Options (Check all that apply)	Accessories (Order Separately)
Van's	RV10 □		6X6 □	NW 🗆	R□	4MC □	REG □	Sensair
	RV10 Tricycle Gear	Not Applicable	6.00-6" HE Wheel & Single Brake	5.00-5" Nosewheel	Red	Pilot+Copilot 4 Master Cylinders	ALIR Regulator	Tire Pressure Monitoring System
	W. L. 442 . 4	and the same	40 mm		BL 🗆		РВ □	
					Black		Parking Brake	
		NSIS	BRV		SP □		DEL 🗆	
			The state of the s		Special Color		Brake Line Delete	

US catalog string

Example: RV145X5R4MCREG

Aircraft make	Aircraft Model	Landing Gear (optional)	Wheel & Brake Package	Tailwheel/Nose wheel (optional)	Wheel Color	Controls	Options (Check all that apply)	Accessories (Order Separately)
Van's	RV14 □		5X5 □		R□	4MC □	REG □	Sensair
	RV14 Taildrag- ger	Not Applicable	5.00-5" HL Wheel & Single Brake	Not Applicable	Red	Pilot+Copilot 4 Master Cylinders	ALIR Regulator	Tire Pressure Monitoring System
1150	119	12000	6X6 □		BL □		РВ□	
			6.00-6" HE Wheel & Single Brake		Black		Parking Brake	
					SP □		DEL 🗆	
Tally.					Special Color		Brake Line Delete	

Brake Line Delete

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* Tires are optional and not part of the standard kits

	Thes are optional and not part of the standard kits											
	US catalog string Example: RV14A5X5NWR4MC											
Aircraft	Aircraft Aircraft Model Landing Gear Wheel & Brake Tallwheel/Nose Wheel Controls Options (Check Accessories											
make		(optional)	Package	wheel (optional)	Color		all that apply)	(Order Separately)	History/ Values			
Van's	RV14A □	5X5 □	NW 🗆	R□	4MC □	REG □	Sensair	Certified kits /STCs				
	RV14 Tricycle Not Applicable 5.00-5" HL			5.00-5"	Red	Pilot+Copilot	ALIR Regulator	Tire Pressure				
	Gear	ear Wheel & Nosewheel Single Brake	Nosewheel		4 Master Cylinders		Monitoring System	Exp. Kits				
					BL 🗆		PB □		SensAIR®			
				,			1 D 🗆		Landing Gears			
Black Parking Brake												
		MHANH		l	SP □		DEL □					
				1	Special		Brake Line		Wheels/Brakes			

				С	olor		Delete		Nose-Tailwheels
400									Tires
	US catalog string	Example:	RVXA5X5NWR2I	МСРВ					Wheel Axles
Aircraft make	Aircraft Model	Landing Gear (optional)	Wheel & Brake Package	Tailwheel/Nose wheel (optional)	Wheel Color	Controls	Options (Check all that apply)	Accessories (Order Separately)	Brake Controls Rudd'Air Pedals
Van's	RVX □		5X5 □	NW 🗆	R□	2MC □	REG □	Sensair □	Regulators
	RV4/6/7/9 Taildragger	Not Appli- cable	5.00-5" HL Wheel &	5.00-5" Nosewheel	Red	Pilot Only 2 Master	ALIR Regulator	Tire Pressure Monitoring	Anti-skid
			Single Brake			Cylinders		System	Parking Valves
	RVXA □				BL □	4MC □	PB □		Hoses/Fittings
	RV4A/6A/7A/8A/9A Tricycle Gear				Black	Pilot+Copilot 4 Master	Parking Brake		Spare Parts
			Same I	<u> </u>	SP □	Cylinders			Tools
	No. N.		W.		Spe- cial				FAQs
		L			Color				BERINGER Aero Technology

Special Color

* Tires are optional and not part of the standard kits

Contacts	
Webshop	9000
Amorite Patents	
MENORE LACELIES	Aircraft
History/ Values	make

US catalog string

Example: RV85X5R4MCRFG

		OS catalog string	LAGITIF	Example: NVOSASHWICKEG								
AEROTEC* Patents												
History/ Values	Aircraft	Aircraft Model	Landing Gear	Wheel & Brake	Tailwheel/Nose	Wheel	Controls	Options (Check	Accessories			
mistory/ values	make		(optional)	Package	wheel (optional)	Color		all that apply)	(Order Separately)			
Certified kits/STCs	Van's	RV8 □		5X5 □		R□	4MC □	REG □	Sensair			
Exp. Kits		RV8 Taildrag-	Not Applicable	5.00-5" HL	Not Applicable	Red	Pilot+Copilot	ALIR Regulator	Tire Pressure			
Exp. Kits		ger		Wheel & Single Brake			 4 Master Cylinders 		Monitoring System			
SensAIR®				Ü			Cyac.s		- System			
				6X6 □		BL □		PB □				
Landing Gears ALG/B'FleX				6.00-6" HE		Black		Parking Brake				
Shock Wheel				Wheel & Single Brake								
Wheels/Brakes				Single Brake								
vvilleeis/ bi akes						SP □		DEL □				
Nose-Tailwheels						Special		Brake Line				
Ŧ						Color		Delete				
Tires												

Wheel Axles

Brake Controls Rudd'Air Pedals

Regulators Anti-skid

Parking Valves

Hoses/Fittings

Spare Parts

Tools

FAQs

BERINGER Aero Technology



* Tires are optional and not part of the standard kits

								Contacts
Aircraft Make/ Model	Wheel/Brake package P/N	Brake controls (included)	Nose/Tailwheel P/N (optional)	Wheel colour	Landing Gear (optional)	Accessories (order separately)	Notes	Webshop
Velocity			AV-VEL-020 Fork 4.2"	standard red or		-SensAIR®		Amorite* Patents
<u> </u>			106.68mm	black				History/ Values
			Wheel 4.00-5" * tire 11x4.00-5" Axle			O sens		Certified kits/STCs
Velocity XL			SVE01A			-SensAIR®		Exp. Kits
,			Fork 5.77" 146.5mm					SensAIR®
			Wheel 5.00-5" * tire 5.00-5" Axle	other colors option				Landing Gears ALG/B'FleX Shock Wheel
Zenith Aircraft/	SZH05 or SZH08	1x Yankee master	SZH06A		-Shock Wheel	-SensAIR®		Wheels/Brakes
CH601	Wheels 4.00-6" *tires 15x6.00-6"	cylinder (reservoir /parking brake)	Wheel 6.00-6" *tire 4.00-6"		- SPEED'AIR fairings	-Pedal brakes (to be checked		Nose-Tailwheels
	Calipers/discs/pads Axles/parts	Limiter Brake lines/fittings	Axle or AV-ZENI-630			depending on the airplane		Tires
	Wheel caps	Drake intesymenty	Taildragger GLR grounloop			type)		Wheel Axles
			resistant TW					Brake Controls Rudd'Air Pedals
		F				(Diens		Regulators Anti-skid
Zenith Aircraft/ 601UL	Please contact us an several possibilities		AV-ZENI-630 Taildragger					Parking Valves
601XL	type of gear, the for		GLR grounloop resistant TW					Hoses/Fittings
			resistant TVV					Spare Parts
Zenith Aircraft/	SZH06	1x Yankee master	AV-ZENI-130					Tools
CH650B-EI	Wheels 4.00-6" *tires 15x6.00-6"	cylinder (reservoir /parking brake)	Fork 5.12" 130mm Wheel 4.00-6"					FAQs
	Calipers/discs/pads Axles/parts Wheel caps	Limiter Brake lines/fittings	*tire 15X6.00-6"					BERINGER Aero Technology
	1	L	L	l		L		They trust us

	-	* Tires are optio	nal and r	ot part o	f the standara	kits				
Contacts Webshop	Aircraft Make, Model	/ Wheel/B package	packaģe P/N (i SZH07 1x Yan		e controls cluded)	Nose/Tailwheel P/ (optional)	N Whee	Landing Gear r (optional)	Accessories (order separately)	Notes
History/ Values Certified kits/STCs Exp. Kits	Zenith Aircraft 701	Wheels 4.00 *tires 4.00-6 Calipers/disc Axles/parts Wheel caps	Wheels 4.00-6" *tires 4.00-6" Calipers/discs/pads Axles/parts Wheel caps SZH07SD Wheels 6.00-6" *tires ask us Calipers/discs/pads		r (reservoir g brake) nes/fittings	SZH07A Wheel 6.00-6" *tire 6.00-6" Axle	standar red or black color	- B'FleX	-SensAIR® -Pedal brakes	Ask us up front to check the dimensions of the original leaf gear and the front fork. Bush tire are available on
SensAIR® Landing Gears ALG/B'FleX Shock Wheel Wheels/Brakes	Zenith Aircraft 750 Stol Cruiser HD	/ Wheels 6.00 *tires ask us Calipers/disc Axles/parts			r (reservoir g brake)		other colors option		,	the mains
Nose-Tailwheels Tires	US catalog string Example: CH7016X6DNW2R4MCPB									
Wheel Axles	Aircraft Make	Aircraft Model	craft Model Landing (option		Wheel & Bra Package	ke Tailwheel/Nose wheel (optional)		Controls	Options (Check all that apply)	Accessories (Order Separately)
Brake Controls Rudd'Air Pedals		CH701 □ STOL CH701	SW Shockw		4X6 □ 4.00-6" SL	NW1 □ 4.00-6"	R □ Red	2MC □ Pilot Only	REG □ ALIR Regulator	Sensair □ Tire Pressure
Regulators Anti-skid			System	Gear	Wheel & Single Brake		BI -	2 Master Cylinders	DD -	Monitoring System
Parking Valves Hoses/Fittings			BF □ B'Flex L Gear Sy		6X6S □ 6.00-6" SL Wheel & Single Brake	NW2 6.00-6" Nosewheel	BL Black	Pilot+Copilot 4 Master Cylinders	PB □ Parking Brake	
Spare Parts					6X6D □		SP 🗆			
Tools					6.00-6" SL Wheel & Du Brake	al	Special Color			
FAQs					7X8D □					
BERINGER Aero Technology					7.00-8" SL Wheel & Du Brake	al				
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* Tires are optional and not part of the standard kits Contacts Nose/Tailwheel Wheel Aircraft Make/ Wheel/Brake Brake controls **Landing Gear** Accessories Notes Model package P/N (included) P/N (optional) colour (optional) (order separately) Webshop Zivko / SED01 2x master cylinders -SensAIR® standard Amorite Patents Edge 540 Wheel 5.00-5" Reservoirs red or black *tire 5.00-5" Brake lines/fittings History/ Values color Caliper/disc/pads Certified kits /STCs Axle Exp. Kits SensAIR® Zlin Aircraft / SZL01 2x master cylinders Tailwheel: ask us -SensAIR® Non certified Zlin Z50LX Wheel 5.00-5" Reservoirs -Co-pilot brakes kit Landing Gears ALG/B'FleX *tire 380*150x5" Brake lines/fittings other -Parking brake colors Caliper/disc/pads -ALIR regulator Shock Wheel option Axle Wheels/Brakes Nose-Tailwheels Zlin Aviation / SSA01 for tires ≤29" TW-002 -SensAIR® The diameter 2x master cylinders Tires ALG landing Wheels 6.00-6" Reservoirs -Co-pilot brakes Savage-Norden GLR tailwheel of the OEM gear Calipers/discs/pads ALIR regulator Wheel 3.50-4" -Parking brake axle must be original Axle Wheel Axles Ø 0.98" 25mm Axles - Wheel caps Brake lines/fittings *tire 4.00-4" Special axle check **Brake Controls** Tailwheel support for DATUM skis Rudd'Air Pedals SSA02 for tires >29" 2x master cylinders Lever to lock/ Wheels 6.00-6" Reservoirs unlock Regulators **DUAL brakes** ALIR regulator Anti-skid Calipers/discs/pads Brake lines/fittings Axles - Wheel caps Parking Valves SSA10 8" 2x master cylinders Hoses/Fittings Wheels 7.00-8" Reservoirs Calipers/discs/pads ALIR regulator Spare Parts Axles - Wheel caps Brake lines/fittings Tools **SSA07** 8" DUAL 2x master cylinders FAQs Wheels 7.00-8" Reservoirs

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ALIR regulator

Brake lines/fittings

DUAL brakes

Calipers/discs/pads

Axles - Wheel caps

	* 7	Tires are optional and no	t part of the standard ki	ts				
Contacts Webshop	Aircraft Make/ Model	Wheel/Brake package P/N	Brake controls (included)	Nose/Tailwheel P/N (optional)	Wheel colour	Landing Gear (optional)	Accessories (order separately)	Notes
Amorite Patents History/ Values Certified kits /STCs	Zlin Aviation / Savage-Norden original Axle Ø 0.77" 19.5mm	SSA05 for tires ≤29" Wheels 6.00-6" Calipers/discs/pads Axles - Wheel caps	2x master cylinders Reservoirs ALIR regulator Brake lines/fittings	TW-002 GLR tailwheel Wheel 3.50-4" *tire 4.00-4" Tailwheel support	standard red or black color	ALG landing gear	-SensAIR® -Co-pilot brakes -Parking brake - Special axle for DATUM skis	The diameter of the OEM axle must be check
Exp. Kits SensAIR® Landing Gears ALG/B'FleX Shock Wheel		SSA06 for tires >29" Wheels 6.00-6" DUAL brakes Calipers/discs/pads Axles - Wheel caps	2x master cylinders Reservoirs ALIR regulator Brake lines/fittings	Lever to lock/ unlock	other colors			
Wheels/Brakes Nose-Tailwheels Tires		SSA09 8" DUAL Wheels 7.00-8" DUAL brakes Calipers/discs/pads Axles - Wheel caps	2x master cylinders Reservoirs ALIR regulator Brake lines/fittings		option			
Wheel Axles Brake Controls Rudd'Air Pedals	Zlin Aviation / Savage with ALG landing gear	SSA03 for tires ≤29" Wheels 6.00-6" Calipers/discs/pads Axles - Wheel caps	2x master cylinders Reservoirs ALIR regulator Brake lines/fittings	TW-002 GLR tailwheel Wheel 3.50-4" *tire 4.00-4" Tailwheel support			-SensAIR® -Co-pilot brakes -Parking brake - Special axle for DATUM skis	
Regulators Anti-skid Parking Valves Hoses/Fittings Spare Parts		SSA04 for tires >29" Wheels 6.00-6" DUAL brakes Calipers/discs/pads Axles - Wheel caps	2x master cylinders Reservoirs ALIR regulator Brake lines/fittings	Lever to lock/ unlock			*	
Tools FAQs BERINGERAero Technology		SSA08 8" DUAL for tires >29" Wheels 7.00-8" DUAL brakes Calipers/discs/pads Axles - Wheel caps	2x master cylinders Reservoirs ALIR regulator Brake lines/fittings					
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PB □

Parking Brake

* Tires are optional and not part of the standard kits

Contacts

Webshop

Amorite Patents

History/ Values Certified kits /STCs

Exp. Kits

SensAIR®

Landing Gears ALG/B'FleX Shock Wheel

Wheels/Brakes Nose-Tailwheels

Tires

Wheel Axles

Brake Controls Rudd'Air Pedals

Regulators Anti-skid

Parking Valves

Hoses/Fittings

Spare Parts

Tools

FAQs

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US catalog string Example: SVG0110TWR2MCPB

Landing Gear Tailwheel/Nose Options (Check Aircraft Model Wheel & Brake Wheel Controls Accessories Aircraft wheel (optional) all that apply) (Order Separately) make (optional) Package Color Zlin Aviation SVG01 ALG □ 6X6S □ TW 🗆 R□ 2MC □ REG □ Sensair 3.50-4" Ground Zlin Savage Alaska Landing 6.00-6" SL **ALIR Regulator** Tire Pressure Red Pilot Only - OE Axle Dia-Gear - Cub Wheel & 2 Master Loop Resistant Monitoring Single Brake Tailwheel Cylinders meter 25mm System

Zlin Savage Alaska Landing - OE Axle Gear - Bobber Diameter 19.5mm

ALGB

SVG02

Wheel & Dual Brake

> 7X8D 🗆 SP 🗆 7.00-8" SL Spe-cial Wheel & Dual Brake Color

8.50-10" LE Wheel &

10 🗆

Single Brake

6X6D □

6.00-6" SL

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BL 🗆

Black

Contacts

Webshop

Amorite Patents

History/ Values

Certified kits /STCs

Exp. Kits

SensAIR®

Landing Gears ALG/B'FleX Shock Wheel

Wheels/Brakes

Nose-Tailwheels

Tires

Wheel Axles

Brake Controls Rudd'Air Pedals

> Regulators Anti-skid

Parking Valves

Hoses/Fittings

Spare Parts

Tools

FAQs

BERINGER Aero Technology

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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 slided over your BERINGER rim.

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

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

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

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







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

Cstc

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

(FAA & EASA approved)

SensAIR features:

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



How to order SensAIR?

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

Already assembled and identified by a unique ID (FLI)





Contacts

Webshop

Amorite Patents

History/ Values

Certified kits /STCs

Exp. Kits

SensAIR®

Landing Gears ALG/B'FleX Shock Wheel

Wheels/Brakes

Nose-Tailwheels

Tires

Wheel Axles

Brake Controls Rudd'Air Pedals

Regulators Anti-skid

Parking Valves

Hoses/Fittings

Spare Parts

Tools

FAQs

BERINGER Aero Technology

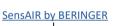
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What comes with SensAIR:

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











SensAIR is a registered trademark of BERINGER

Contacts

Webshop

Amorice Patents

History/ Values Certified kits/STCs

SensAIR®

Exp. Kits

Landing Gears ALG/B'Fle Shock Whee

Wheels/Brakes

Nose-Tailwheels

Tires Wheel Axles

Brake Controls Rudd'Air Pedals

Regulators Anti-skid

Parking Valves

Hoses/Fittings

Spare Parts

Tools

FAQs

BERINGER Aero Technology

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

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

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

ALG

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

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

• 2 stiffening legs Technical data:

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

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



Remarks: The ALG landing gear is available for many airplanes and ultralight aircraft. Please report



→ ALG in Alaska



to the pages describing the kits (alphabetic list). If you do not find your airplane, please contact us.





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



→ How to do maintenance on ALG



→ Youtube BERINGER AERO technical support















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



→ Drop test video



Contacts

Webshop

Amorite* Patents

History/ Values

Certified kits /STCs

Exp. Kits

SensAIR®

Landing Gears ALG/B'FleX Shock Wheel

Wheels/Brakes

Nose-Tailwheels

Tires

Wheel Axles

Brake Controls Rudd'Air Pedals

Regulators Anti-skid

Parking Valves

Hoses/Fittings

Spare Parts

Tools FAQs

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SensAIR®

Landing Gears ALG/B'Flex Shock Whee

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Tires

Wheel Axles

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> Regulators Anti-skid

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BERINGER Aero Technology

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Rough terrain? ... Ready with Shock Wheel

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

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

Technical data:

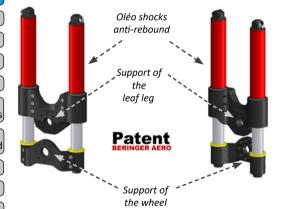
- Light and high strength aluminum (2024)
- 3"/80mm of oleo-pneumatic absorption
- Tested at 3.5G
- · Anti-roll system included
- Only fits with BERINGER wheels and brakes





NEW 2 variants : Sport or All Terrain





Remarks:

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

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





SHOCK WHEEL ALL TERRAIN: 10°

The Shock Wheel preserves your aircraft

→Off-airport:

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





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→Glider towing:

- Frequent landings
- Unpaved runways





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→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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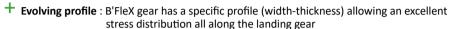
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BERINGER Aero Technology

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B'FleX LG: preserve your Aircraft

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



- + No more parasisitic movements : from front to back of the LG leg at braking
- + **Absorption** is better as well as airframe preservation

Technical datas :

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



Remarks ·

Available for LSA, Ultralight / experimental Aircraft, kits ... 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.

B'FLEX

Beringer Flexible Landing Gear

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

SPEED'Air fairings

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

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

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

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

Technical datas:

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







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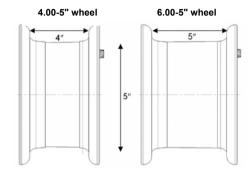
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Wheels with brakes - 4" 5" 6" 8" 10" 12" Diameter



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, Aeroteco with stainless steel pistons
- Sintered metallic brake pads, bounded on a backplate (not riveted)
- Floating disc
- Steel or aluminum axles (see Axle tab)
- Tubeless tires (see Tire tab)
- Stainless steel bearings optional

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

Contact us and we will help you.

Notes:

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



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Wheel / Brakes 4" diameter

The lightest 4" wheel/brake in the World! 2.43Lbs (1.10kg) 4" Wheel RF-013

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





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BFRINGER Aero Technology

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Two bearing dimensions available (two axle dimensions)									*	
Wheel P/N	Dimen- Bearings Static load Limit		Limit load Lbs (Kg)				Max RTO energy ft/lbs	Brake weight Lbs (Kg)		
RF-013.1	3.50-4"	4"	ø25-ø15	528 (230)	1848 (838)	1.48 (0.672)	EA-009.1 (DSC-013)	1400	105000	1.17 (0.530)

Wheel / Brakes 5" diameter

5" Wheel For LSA, experimental and gliders Standard

Widths available: 4.00 and 5.00

Single brake caliper with Aerotec® patent: stainless steel piston - sintered pads

Stainless steel floating disc Tires available : see tire pages

Aluminum or steel axle : see axle pages

Option: wheel cap BCH-002

Wheel P/N	Dimen- sion	ø	Bearings (Axle)	Static load Lbs (Kg)	Limit load Lbs (Kg)	Wheel weight Lbs (Kg)	Caliper (Disc) P/N	Braking torque in.lbs	Max RTO energy ft/lbs	Brake weight Lbs (Kg)
RF-019 CSTC	5.00-5"	5"	ø30-ø25	1518 (688)	6820 (3093)	3.42 (1.550)	EA-016 (DSC-006)	3120	140000	1.50 (0.682)
RF-020 CSTC	4.00-5"	5"	ø30-ø25	1518 (688)	6820 (3093)	3.24 (1.469)	EA-016 (DSC-006)	3120	140000	1.50 (0.682)

Wheels / Brakes

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5" Wheel Webshop HL

For two seater Aircraft Van's type up to high landing speed Aircaft Lancair, Glasair, Aerobatic type

Widths available: 4.00 and 5.00

Different types of brakes depending on the required energy

• Single HE 2 piston caliper or Dual 4 piston caliper Aerotec® patent / cooling fins

Sintered pads

Several high strength floating discs

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

Option: wheel cap BCH-002



SensAIR®	Wheel P/N	Dimen- sion	ø	Bearings (Axle)	Static load Lbs (Kg)	Limit load Lbs (Kg)	Wheel weight Lbs (Kg)	Caliper P/N (Disc included)	Braking torque in.lbs	Max RTO energy ft/lbs	Brake weight Lbs (Kg)
Landing Gears ALG/B'FleX	RF-018	5.00-5"	5"	ø30-ø25	1518 (688)	6820 (3093)	3.27 (1.485)	EA-002 (DSC-008)	4500	210000	2.34 (1.060)
Shock Wheel TSO	3.00 3	,	\$30 \$23	1310 (000)	0020 (3033)	0.27 (21.00)	EA-002.2 (DSC-008.2)	4500	361000	2.89 (1.310)	
Wheels/Brakes	RF-022	5.00-5"	5"	ø35-ø35	1518 (688)	6820 (3093)	3.27 (1.485)	EA-002 (DSC-008)	4500	210000	2.34 (1.060)
Nose-Tailwheels	RF-021	4.00-5"	5"	ø30-ø25	1518 (688)	6820 (3093)	3.27 (1.485)	EA-002 (DSC-008)	4500	210000	2.34 (1.060)
111 1 11111000											

Tires Wheel Axles

Brake Controls

Parking Valves Hoses/Fittings

Rudd'Air Pedals

Regulators Anti-skid

5" SL Wheel

For Vintage Aircraft < 1350 Lbs

Vintage spoke wheel/brake 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





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BERINGER Aero

Bearings Ø (Axle) RF-041 5.00-5" ø30-ø25

Static load Lbs (Kg) 968 (439)

Limit load Lbs (Kg) 3388 (1536)

Caliper P/N **Braking** (Disc included) torque in.lbs

3120

Max RTO energy ft/lbs

140000

(wheel/brake/spokes/tire/tube)

Weight lbs (Kg)

1.50 (0.682)

Complete set

EA-016.111

Wheel / Brakes 6" diameter

6" Wheel For Ultralight Aircraft and LSA SL

Widths available: 4.00 and 6.00 - Ultralight stainless steel foating disc

Wheel RF-009: if tires >29" use DUAL caliper EA-016.20/017.20 (higher braking torque).

Wheel RF-014 6.00-6 SL: bigger bearing in the brake wheel flange Tires available : see tire pages - Aluminum or steel axle : see axle pages

Option: wheel cap BCH-002 (6.00-6") or BCH-003 (4.00-6")





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aking orque n.lbs	Max RTO energy ft/lbs	Brake weight Lbs (Kg)	Landing Gears ALG/B'FleX Shock Wheel
120	140000	1.50 (0.682)	Wheels/Brakes
120	140000	1.50 (0.682)	Wriceis/ Brakes
240	140000	3.48 (1.58)	Nose-Tailwheels
120	140000	1.50 (0.682)	
240	1/10000	3 /5 /1 56)	Tires

Wheel Axles

Brake Controls Rudd'Air Pedals

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BERINGER Aero Technology

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Wheel P/N	Dimen- sion	ø	Bearings (Axle)	Static load Lbs (Kg)	Limit load Lbs (Kg)	Wheel weight Lbs (Kg)	Caliper P/N (Disc included)	Braking torque in.lbs	Max RTO energy ft/lbs	Brake weight Lbs (Kg)
RF-004	4.00-6"	6"	ø30-ø25	968 (439)	3388 (1536)	3.14 (1.426)	EA-016 / 017	3120	140000	1.50 (0.682)
RF-009	009 6.00-6" 6" ø30-ø25	968 (439)	3388 (1536)	3.48 (1.580)	EA-016 / 017	3120	140000	1.50 (0.682)		
KF-009	0.00-6	0	ø30-ø25	900 (439)	3300 (1330)	3.46 (1.360)	EA-016.20 / 017.20 Dual	6240	140000	3.48 (1.58)
DE 014	c 00 c"	6"	440 425	068 (430)	2200 (1526)	2 45 (1 562)	EA-016 / 017	3120	140000	1.50 (0.682)
KF-014	RF-014 6.00-6"	D	ø40-ø25	968 (439)	3388 (1536)	3.45 (1.563)	EA-016.20 / 017.20 Dual	6240	140000	3.45 (1.56)

6" Wheel For two seater STOL Aircraft

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

Floating disc

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





Wheel P/N	Dimen- sion	ø	Bearings (Axle)	Static load Lbs (Kg)	Limit load Lbs (Kg)	Wheel weight Lbs (Kg)	Caliper P/N (Disc included)	Braking torque in.lbs	Max RTO energy ft/lbs	Brake weight Lbs (Kg)
RF-015.1	C 00 C"	CII	440 425	1430 (648)	5005 (2270)	4 27 (4 000)	EA-003.2 (DSC-014)	5130	250000	2.47 (1.120)
USTC TSO	CSIC	ø40-ø35	1430 (048)	3003 (2270)	4.37 (1.980)	EA-003.8 (DSC-014)	5130	250000	2.47 (1.120)	
RF-015.2	6 00 6"	6"	440 430	1430 (648)	F00F (2270)	4 52 (2 055)	EA-003.2 (DSC-014)	5130	250000	2.47 (1.120)
C _{TSO} 6.00-6"	6	ø40-ø30	1430 (648)	5005 (2270)	4.53 (2.055)	FA-003.8 (DSC-014)	5130	250000	2.47 (1.120)	

Wheels / Brakes

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6" Wheel Webshop 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





Exp. Kits SensAIR®	Wheel P/N	Dimen- sion	Ø	Bearings (Axle)	Static load Lbs (Kg)	Limit load Lbs (Kg)	Wheel weight Lbs (Kg)	Caliper (Disc) P/N	Braking torque in.lbs	Max RTO energy ft/lbs	Brake weight Lbs (Kg)
Landing Gears								EA-003 (DSC-009)	4900	355000	3.31 (1.500)
ALĞ/B'FleX								EA-003.3 (DSC-009.3)	4900	500000	4.22 (1.914)
Shock Wheel	DE 006							EA-003.4 (DSC-009.3) Dual	9800	510000	6.11 (2.770)
Wheels/Brakes	RF-006				2080	7480	4.99	EA-003.5 (DSC-009.4) Dual	9800	550000	6.81 (3.090)
	C stc	6.00-6"	6"	ø40-ø35	(943)	(3392)	(2.262)	EA-003.7 (DSC-009.4)	4900	558000	4.72 (2.140)
Nose-Tailwheels	TSO				(343)	(3332)	(=:===)	EA-004 (DSC-009.3)	4900	500000	4.14 (1.880)
Tires								EA-004.1 (DSC-009.5) Dual	9800	975000	7.63 (3.460)
11165								EA-004.2 (DSC-009.5) Dual	9800	975000	7.56 (3.430)
Wheel Axles								EA-004.3 (DSC-009.5) Dual	9800	980000	7.65 (3.470)
	RF-016	6.00-6"	6"	ø45-ø45	1870	6545	4.81	EA-003.2 (DSC-014)	5130	250000	2.47 (1.120)
Brake Controls Rudd'Air Pedals	Cstc	6.00-6	O	ψ43-ψ43	(848)	(2968)	(2.180)	EA-003.3 (DSC-009.3)	4900	500000	4.22 (1.914)

Regulators Anti-skid **Parking Valves**

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

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





Brake weight

Lbs (Kg) 7.63 (3.460)

7.56 (3.430)

7.63 (3.460)

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Wheel P/N	Dimen- sion	ø	Bearings (Axle)	Static load Lbs (Kg)	Limit load Lbs (Kg)	Wheel weight Lbs (Kg)	Caliper (Disc) P/N	Braking torque in.lbs	Max RTO energy ft/lbs
RF-017							EA-004.1 (DSC-009.5) Dual	9800	975000
Cstc	6.00-6"	6"	ø40-ø35	2310 (1047)	9460 (4291)	5.75	EA-004.2 (DSC-009.5) Dual	9800	975000
TSO						(2.067)	EA-004.3 (DSC-009.5) Dual	9800	980000

Wheel / Brakes 8" diameter

HE

8" Wheel For Ultralight Aircraft and LSA

Ultralight stainless steel foating disc SL Single or dual brakes available

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

Option: wheel cap BCH-002

8" Wheel For Aircraft > 2.5 tonnes (5.500 Lbs)

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





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Wheel P/N	Dimen- sion	ø	Bearings (Axle)	Static load Lbs (Kg)	Limit load Lbs (Kg)	Wheel weight Lbs (Kg)	weight (Disc included)		Max RTO energy ft/lbs	Brake weight Lbs (Kg)	
RF-028	7.00-8"	8"	420 42F	968 (439)	3388	5.56 (2.52)	EA-016 / 017	3120	140000	1.50 (0.682)	
KF-028	7.00-8	٥	ø30-ø25	968 (439)	(1536)	5.50 (2.52)	EA-016.20 / 017.20 Dual	6240	140000	3.48 (1.58)	
RF-010	40 5 5"	011	120 4 120 4	3058	9625	7.94	EA-008.1+EA-008.2 (DSC-012) PQT-012	9300	1115000	9.04(4.100)	
CTSO	18x5.5"	8"	ø38.1-ø38.1	(1387)	(4365)	(3.600)	EA-008.1+EA-008.2 (DSC-012) PQT-013	9800	1200000	9.04(4.100)	
RF-010.1	18x5.5"	Q"	420 1 420 1	5507	19275	8.31	EA-008.7 (DSC-012.2) Dual	18600	1452538	12.81(5.812)	
KI -010.1	10,5.5	8x5 5" 8" ø38 1-ø38 1	(8743)	(3.768)	LA-006.7 (D3C-012.2) Dual	10000	1432330	12.81(3.812)			

Wheel / Brakes 10" diameter

10" Wheel 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'axle)





Wheel P/N	Dimen- sion	ø	Bearings (Axle)	Static load Lbs (Kg)	Limit load Lbs (Kg)	Wheel weight Lbs (Kg)	Caliper (Disc) P/N	Braking torque in.lbs	Max RTO energy ft/lbs	Brake weight Lbs (Kg)
RF-024	8.50-10"	10"	ø40-ø40	1460 (662)	5010 (2272)	8.64 (3.918)	EA-010.1 (DSC-015)	8721	303000	3.50 (1.587)

Wheels / Brakes

Cstc

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12" Wheel Webshop

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

• Brake caliper: 3 stainless steel pistons - Aerotec® patent





SensAIR®

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Brake Controls Rudd'Air Pedals

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Technol	

Sintered pads (two types depending on the use) Long life floating discs (two types depending on the use) wheel caps included

	Wheel P/N	Dimen- sion	ø	Bearings (Axle)	Static load Lbs (Kg)	Limit load Lbs (Kg)	Wheel weight Lbs (Kg)	Caliper (Disc) P/N	Braking torque in.lbs	Max RTO energy ft/lbs	Brake weight Lbs (Kg)
ſ	RF-011	24x7.7"	10"	ø50-ø35	3080 (1397)	8160 (3701)	14.42 (6.543)	EA-001 (DSC-011 or DSC-011.2)	4.5000	600077	11 06 (5 015)
	RF-003	11.00-12"	12"	ø50-ø35	3080 (1397)	15820 (8160)	20.72 (9.400)	PQT-008 or PQT-016	16900	623977	11.06 (5.015)

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

Wheel cap BCH-001

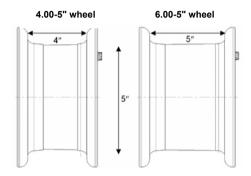




$\left(\begin{array}{c} \cdot \\ \cdot \end{array} \right)$	Wheel P/N	Dimen- sion	ø	Bearings Static load (Axle) Lbs (Kg)		Limit load Lbs (Kg)	Wheel weight Lbs (Kg)	Caliper (Disc) P/N	Braking torque in.lbs	Max RTO energy ft/lbs	Brake weight Lbs (Kg)
	RF-029	4.4x10"	10"	ø50.8-ø50.8	4520 (2050)	15820 (7175)	13.84 (6.277)	EA-011.2 (DSC-017.2) Dual	22350	1700000	15.64 (7.096)
	RF-032	6.50-10"	10"	ø25.4-ø38.1	4520 (2050)	15820 (7175)	13 (5.91)	EA-018.1 (DSC-017.2) Dual	22920	1859000	14.84 (6.731)



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



Conversion Lbs/kg

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

Certification indication

C_{STC} C_{STC}

→ Youtube BERINGER AERO technical support

Wheel features:

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

Contact us and we will help you.

Notes:

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



→ How to remove a tubeless tire

How to mount a tubeless tire →



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Landing Gears
ALG/B'FleX

ALĞ/B'FleX Shock Wheel Tailwheel

RA-004

Wheel 200x50 Designed for Pipistrel Sinus/Virus

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

For axle 5/16" (see axle pages)

Weight: 9.45 oz / 268g Fork mounting only

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



Wheels/Brakes

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Wheels 4" diameter

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

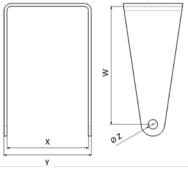
High load - Cantilever or fork mounting (see axle pages)

Tires available (see tire pages)





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





BERINGER Aero Technology



Nose wheels / Tailwheels

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

Wheel P/N	Dimen- sion	ø	Ball bearings	Static Load Lbs (Kg)	Limit load Lbs (Kg)	Wheel weight Lbs (Kg)	Axle P/N (fork mounting)	Axle dimensions (fork mounting)
RA-012	5.00-4"	4"	ø30-ø25	1034 (469)	2810 (1274)	2.43 (1.1)	AV-PIL-001	X=135 / Z=12
RA-001 C _{STC}	5.00-4"	4"	ø30-ø25	1034 (469)	2810 (1274)	2.43 (1.1)	AV-PIL-001	X=135 / Z=12



Landing Gears ALG/B'FleX Shock Wheel

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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	Certifica- tion	Dimen- sion	ø	Ball bearings	Static Load Lbs (Kg)	Limit load Lbs (Kg)	Wheel weight Lbs (Kg)	Axle P/N (fork moun- ting)	Axle dimensions (fork mounting)
RA-015	Стѕо	4.00-5"	5"	ø30-ø25	1140 (517)	5130 (2326)	3.10 (1.41)	AXP-007.1 AXP-007.2	X=107 / Z=9.8 X=138 / Z=9.8
RA-014	Стѕо	5.00-5"	5"	ø30-ø25	1551 (703)	6968 (3160)	3.28 (1.490)	AXP-005 AXP-005.1	X=146.5 / Z=9.8 X=146.5 / Z=10



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

Note: other axle dimensions available. Contact us.

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





Nose wheels / Tailwheels

Dimen-

sion

6.00-6"

Ø

6"

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6" Wheel

Cantilever or fork mounting (see axle pages)

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

Ball bearings

ø40-ø30

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Landing Gears

6" Wheel

LE

Wheel

P/N

RA-016

Cantilever or fork mounting (see axle pages)

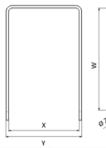
HE-HL Tires available (see tire pages)

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

Static Load

Lbs (Kg)

1430 (660)

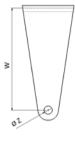


Axle dimensions

(fork mounting)

X=195.6 / Z=38.1

X=167 / Z=31



Regulators Anti-skid

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BERINGER Aero

Technology

Wheel 12.5" diameter

TSO

Nose wheel for DHC-6 Twin Otter

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

Limit load

Lbs (Kg)

5005 (2310)

Wheel weight

Lbs (Kg)

4.45 (1.830)

Axle P/N

(fork mounting)

AXP-006.1

AXP-006.2

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)	





FAQs

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! Remark: available in two sizes (tire dimension)



AV-71 IN-630

AV-CUB-210



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



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



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BERINGER Aero Technology

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Aircraft make/Model Wheel P/N Tire **GLR** tailwheel Description kg Lbs BRM AERO/XL8 small wheel 4" 2.80/2.50-4" 8.31 3.77 AV-BRM-620 4" 9.08 4.12 AV-CUBC-630 Carbon Cub big wheel 4.00-4" H. Nicollier/Menestrel big wheel 4" 9.08 4.12 AV-MENES-630 4.00-4" Jodel XXX big wheel AV-JOD-630 ۵" 4.00-4" 9.08 4.12 Buy a leaf from Aircraft Spruce P/N 06-14300 AV-MAV-630 Maverick big wheel 4.00-4" 9.08 4.12 Nando Groppo/Trail/G70 small wheel 2.80/2.50-4" AV-GROP-620 8.31 3.77 Buy a leaf from Aircraft Spruce P/N 06-14300 Nando Groppo/Trail/G70 big wheel 4.00-4" 9.08 4.12 AV-GROP-630 Buy a leaf from Aircraft Spruce P/N 06-14300 AV-711N-620 Zlin Aviation/Savage small wheel 4" 2.80/2.50-4" 8.31 3.77 AV-71 IN-630 Zlin Aviation/Savage big wheel 4" 4.00-4" 9.08 4.12 AV-SVNA-620 ICP/Savannah small wheel 4" 2.80/2.50-4" 8.31 3.77 ICP/Savannah big wheel ۵" 4.00-4" 9.08 4.12 AV-SVNA-630 Zenair 601UL-XL classique big wheel 9.08 4.12 AV-ZENI-630 4.00-4" AV-CUB-210 Control lever to unlock

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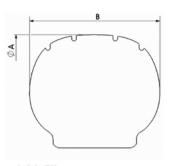
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Dimension of a tire



4.00-5" B C 15x6.00-6"

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

The tire choice can lead to a different wheel size.

The following chart lists all the wheel sizes and their matching tire sizes.

Do not hesitate to contact us for more information.



→ 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	
J	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	
J	S-390	Tire 9x3.50-4" 4Ply Cheng Shin	9.00	3.50	-	1.76	0.80	3.50-4	
	S-317	Tire 11x4.00-5 " 4PLY Deli TL	11.60	3.80	-	2.65	1.20	4.00-5	

Tires

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

≡ERINGER≡

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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

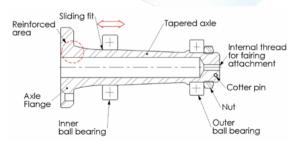
• the hole patterns available

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 lo Kg	ad/Axle Lbs	Limit lo Kg	ad/Axle Lbs	Wei Kg	ght Lbs
FUS-001	Conical aluminum axle	M25x1.5	354	780	1231	2714	0.25	0.55
FUS-004	Conical steel axle	M25x1.5	649	1430	2257	4976	0.62	1.37
FUS-005	Conical aluminum axle	M25x1.5	431	949	1499	3306	0.225	0.50
FUS-006.4	Conical aluminum axle	M15x1	300	661	1043	2310	0.13	0.29
FUS-007.1	Conical steel axle	M35x1.5	948	2089	3297	7315	1.28	2.82
FUS-007.2	Conical aluminum axle	M35x1.5	770	1697	2678	5950	0.51	1.12
FUS-007.7	Conical steel axle	M35x1.5	1040	2292	3617	8030	1.17	2.58
FUS-008	Conical aluminum axle	M25x1.5	317	698	1102	2450	0.44	0.97
FUS-009	Conical aluminum axle	M25x1.5	390	859	1356	2993	0.25	0.55
FUS-010	Conical aluminum axle	M25x1.5	377	830	1311	2894	0.33	0.73
FUS-011	Conical aluminum axle	M25x1.5	354	780	1231	2714	0.29	0.64
FUS-012	Conical aluminum axle	M25x1.5	377	830	1311	2894	0.24	0.53
FUS-013	Conical aluminum axle	3/4''-16	354	780	1231	2714	0.36	0.79
FUS-014.1	Conical aluminum axle	M30x1.5	635	1399	2208	4900	0.45	0.99
FUS-014.2	Conical aluminum axle	1.5"x16 UNF	450	991	1565	3500	0.63	1.39
FUS-014.3	Conical aluminum axle	1.5"x16 UNF	570	1260	1982	4410	0.45	0.99
FUS-015	Conical aluminum axle	M25x1.5+3/4"-16	354	780	1231	2714	0.48	1.06
FUS-016	Conical aluminum axle	M25x1.5	465	1030	1617	3600	0.27	0.60
ECR-001	Aluminum nut	M35x1.5	-	-	-	-	0.02	0.04
ECR-002	Aluminum nut	M25x1.5	-	-	-	-	0.01	0.02
ECR-004	Aluminum nut	M30x1.5	-	-	-	-	0.02	0.04
ECR-005	Aluminum nut	1.5"x16 UNF	-	-	-	-	0.04	0.09
ECR-006	Aluminum nut	1.5"x16 UNF	-	-	-	-	0.06	0.13
ECR-006.1	Aluminum nut	1.25"x12 UNF	-	-	-	-	0.07	0.15
E-HN-008	Steel safety nut	3/4"-16	-	-	-	-	0.05	0.11
BGE-016	Axle spacer for FUS-001	-	-	-	-	-	0.01	0.02
BGE-026	Axle spacer for FUS-003	-	-	-	-	-	0.01	0.02







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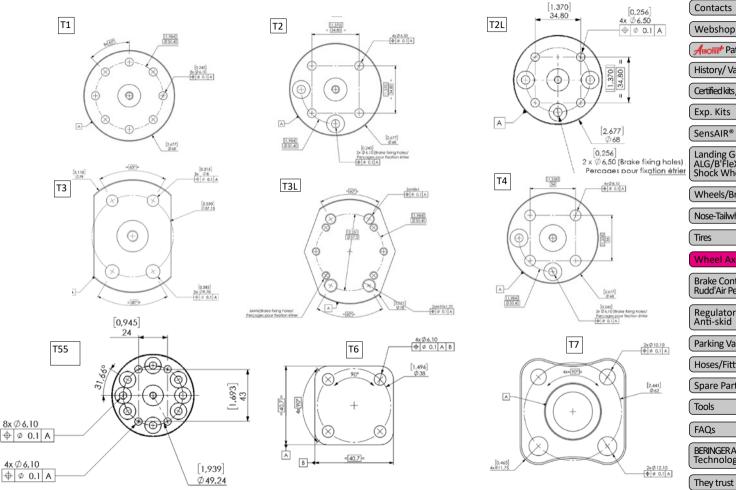
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Amoriti Patents	Wheel $ ightarrow$ Axle P/N	3.50-4"	4.00-5" & 4.00-5"HL	5.00-5" & 5.00-5"HL	4.00-6" SL	6.00-6" SL	6.00-6" LE	6.00-6" HE	6.00-6 HL	10 LE	Other
History/ Values	FUS-001	-	-	T1, T2, T4, T5	T1, T2, T4, T5	-	-	-	-	-	
Certified kits/STCs	FUS-004	-	-	T1, T2	-	-	-	-	-	-	
Exp. Kits	FUS-005	-	T1, T2	-	-	-	-	-	-	-	
SensAIR®	FUS-006.4	Т6	-	-	-	-	-	-	-	-	
Landing Gears	FUS-007.1	-	-	-	-	-	-		T3	-	
ALĞ/B'FleX Shock Wheel	FUS-007.2							Т3		-	
Wheels/Brakes	FUS-007.7							T7	Т7	-	
Nose-Tailwheels	FUS-008	-	-	-	-	T3	-	-	-	-	
Tires	FUS-009	-	-	T2	-	-	-	-	-	-	
Wheel Axles	FUS-010	-	-	-	-	T1, T2,T4, T5	-	-	-	-	
Brake Controls Rudd'Air Pedals	FUS-011	-	-	-	ТЗ	-	-	-	-	-	
Regulators Anti-skid	FUS-012	-	-	-	-	1"1/4 US	-	-	-	-	
Parking Valves	FUS-013	-	-	-	T1	-	-	-	-	-	
Hoses/Fittings	FUS-014.1	-	-	-	-	-	Т3	-	-	-	
Spare Parts	FUS-014.2	-	-	-	-	-	-	-	-	-	Cleveland wheel
Tools	FUS-014.3									Т3	
FAQs	FUS-015	-	-	-	-	T1	-	-	-	-	
BERINGER Aero Technology	FUS-016	-	-	-	T1, T2,T4, T5		-	-	-	-	





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Landing Gears ALG/B'FleX Shock Wheel

Wheels/Brakes

Nose-Tailwheels

Wheel Axles

Brake Controls Rudd'Air Pedals

Regulators Anti-skid

Parking Valves

Hoses/Fittings

Spare Parts

Tools

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AEROTEC* Patents

History/ Values

Certified kits /STCs

Exp. Kits

SensAIR®

Landing Gears ALG/B'FleX Shock Wheel

Wheels/Brakes

Nose-Tailwheels

Tires

Wheel Axles

Brake Controls Rudd'Air Pedals

> Regulators Anti-skid

Parking Valves

Hoses/Fittings

Spare Parts

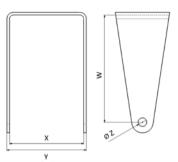
Tools

FAQs

BERINGER Aero Technology

They trust us

Axles: how to take dimension



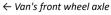


Correspondance nose wheel axles / Wheels ← These dimensions in mm refer to the scheme

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				
Ear athar di	moncione place	o contact us				

For other dimensions please contact us







Brake master cylinders



Brake fluid indication

XX-XXXN

XX-XXXE

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.



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History/ Values

Certified kits/STCs

Exp. Kits

•

SensAIR®

Landing Gears ALG/B'FleX Shock Wheel

Wheels/Brakes

Nose-Tailwheels

Tires

Wheel Axles

Brake Controls Rudd'Air Pedals

Regulators Anti-skid

Parking Valves

Tarking valves

Hoses/Fittings

Spare Parts

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SensAIR®

Landing Gears ALG/B'FleX Shock Wheel

Wheels/Brakes

Nose-Tailwheels

Tires

Wheel Axles

Brake Controls Rudd'Air Pedals

> Regulators Anti-skid

Parking Valves

Hoses/Fittings

Spare Parts

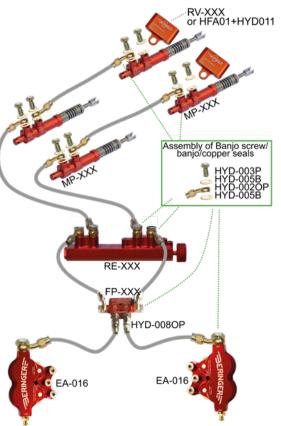
Tools

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BERINGER Aero Technology

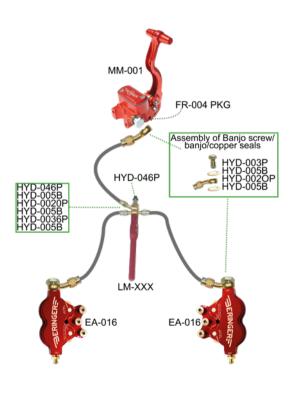
They trust us

Différential braking circuit Pilot/co-pilot rudder pedal master cylinders



This configuration can be modified depending on the Aircraft

Symmetrical braking circuit Hand master cylinder



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

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

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

Technical datas:

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

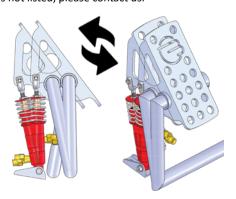




Remarks:

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

Please refer to the Kit pages (sorted alphabetically). If your aircraft is not listed, please contact us.





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Certified kits /STCs

Exp. Kits

SensAIR®

Landing Gears ALG/B'FleX Shock Wheel

Wheels/Brakes

Nose-Tailwheels

Tires

Wheel Axles

Brake Controls Rudd'Air Pedals

Regulators Anti-skid

Parking Valves

Hoses/Fittings

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BFRINGFR Aero Technology



Contacts

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

Webshop

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



AEROTEC* Patents History/ Values Certified kits /STCs Exp. Kits SensAIR®

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)

Landing Gears ALG/B'FleX	Master cylinder P/N	attachment included	Description	Mi Dimen Inch		Ma Dimer Inch			ore mm	Wei oz	ight g
Shock Wheel Wheels/Brakes Nose-Tailwheels	MD 002		MCP-002 [0.512] Ø13					1/2	12.2	2.52	100
Tires Wheel Axles	MP-002		B (4.642) (17.90)	-	-	-	-	1/2	12.2	3.53	100
Regulators Anti-skid Parking Valves Hoses/Fittings	MP-002.1	- ZM-001	[0.512] (0.512) (0.	5.433	136	5.63	145	1/2	12.2	4.15	118
Spare Parts Tools FAQs BERINGER Aero Technology They trust us	MP-002.2	- CHP-003	[0.512] MCP-003(B) MCP-003(B) MCP-003(B	5.512	138	5.669	145	1/2	12.2	3.96	112

Master cylinder P/N	attachment included	Description	Mi Dimer Inch	sion	Ma Dimer Inch	nsion		ore mm	Wei	ight g	Contacts Webshop Anotie* Patents
MP-002.3	CHP-003 - ZM-001	B MCP-000(A) B (4.390 min.) [7:100 max.] [80.300 max.]	6.39	162	7.11	180	1/2	12.2	4.81	136	History/ Values Certified kits/STCs Exp. Kits SensAIR® Landing Gears ALG/B'FleX Shock Wheel
MP-002.4	CHP-003 - CHP-003	[0.508] B CHP-003(8) CHP-003(8) CHP-003(8) [0.567 min.] [0.508] [0.507 min.] [0.508] [0.507 min.] [0.508] [0.507 min.] [0.	6.54	166	7.11	180	1/2	12.2	4.62	131	Shock Wheel Wheels/Brakes Nose-Tailwheels Tires Wheel Axles
MP-002.5	ZM-001 - ZM-001	2M-001 [6.232] [158.30 [7,106] 180.50	6.23	158	7.11	180	1/2	12.2	5	142	Brake Controls Rudd'Air Pedals Regulators Anti-skid Parking Valves Hoses/Fittings
MP-002.6	ZM-001 - CHP-003	ZM-001 CHP-003(8); MCP-002(A) [6.390 min. [7.105 max.] 180.50 max.	6.39	162	7.11	180	1/2	12.2	4.81	136	Spare Parts Tools FAQs BERINGER Aero Technology

Contacts											
Webshop	Master cylinder P/N	attachment included	Description	Dime	lin ension mm	M Dime Inch	ax nsion	Bo Inch	re mm	We oz	ight g
Patents Patents	P/IN			IIICII		IIICII					_
History/ Values			COUPE B-B [0.512] (0.512) (CHP-006(A))								
Certified kits/STCs Exp. Kits	MP-002.7	- CHP-006		5.29	134	5.53	140	1/2	12.2	3.72	105
SensAIR®			[0.201] Ø5.10 MCP-002.1(A) [5,295 min.] 134,50 min.					,			
Landing Gears ALG/B'FleX Shock Wheel			[5,531 max] 140,50 max.								
Wheels/Brakes			(0.512) MAG								
Nose-Tailwheels	MP-002.8	S-CP-006 - CHP-003	B MCP-002(A) [5.417 min.]	5.42	137	5.73	145	1/2	12.2	3.76	107
Tires Wheel Axles			B [5.417 min.] 137.60 min. [5.728 max.]								
Brake Controls Rudd'Air Pedals			COUPE 8-8 [0.512] B 72M-00'								
Regulators Anti-skid Parking Valves	MP-002.9	ZM-001	B MCP-002 2[A] min. 133.60 min.	5.34	135	5.73	145	1/2	12.2	4.09	116
Hoses/Fittings			[5,728 max.] 145,50 max.								
Spare Parts			COUPE AA CHP-003 [0.276] [0.508] [0.129] [0.129] [0.129] [0.129]								
Tools	MP-002.10	ZM-001		6.35	161.3	7.33	186.2	1/2	12.2	5.11	145
FAQs		-CHP-003	7 (2.35 min) B B (2.35 min)								
BERINGER Aero Technology			[2,776 max] 197,30 max.								

													Contacts
Master cylinder	attachment		Description		M Dime			ax nsion		ore	Wei		Webshop
P/N	included		Description		Inch		Inch	mm	Inch	mm	OZ	g	Amorite* Patents
		COUPE A-A MCP-0023 So		COUPE 8-8 CHP-003									History/ Values
		(0.512) (0.201) (0.201) (0.510)	♣ C	(0.508) (0.12.90									Certified kits /STCs
MP-002.11	CHP-003			#-	4.44	112.7	5.42	137.6	1/2	12.2	3.74	106	Exp. Kits
		[0.201]	[5,417 min.]	[0,201] Ø5.10									SensAIR®
			137.60 min. (5.807 max.)	۵۱									Landing Gears ALG/B'FleX
		COUPE A-A MCP-002-1	/MCP-0021	COUPE 8-8									Shock Wheel
		[0.512] 913 [0.201] 95.10	DA D	0.508] CHP-003									Wheels/Brakes
MP-002.12	CHP-003			-	5.31	135	5.71	145	1/2	12.2	3.77	107	Nose-Tailwheels
		[020] 6830	A [5.421 min.] B	[0,276]									Tires
			[5,654 max.] \40,40 max.										Wheel Axles
		COUPE A-A ZM-001 ZM-001		B 2M-001									Brake Controls Rudd'Air Pedals
MP-002.14	ZM-001 - ZM-001	[920] [0.354]			6.18	157	7.48	190	1/2	12.2	5.54	157	Regulators Anti-skid
		≗ l 4 s y	[6,980 min.] A 177.3 min. [7,776 max.] 197.50 max.	В									Parking Valves
		COUPE B-B	197,30 max.	COUPE A-A									Hoses/Fittings
		COUPE B-B MCP-002 [0.512] Ø13	<u>B</u> A	ZM-001									Spare Parts
		M6											Tools
MP-003	- CHP-002		MCP-002[A]		7.33	186	7.56	192	1/2	12.2	4.3	122	FAQs
		[0.50] 	B (5.39 min.) (3.50 min.) (3.50 min.) (3.50 min.) (4.50 mox.)	[0,354]									BERINGER Aero Technology

Contacts												
Webshop Patents	Master cylinder P/N	attachment included		Description	Mi Dimer Inch		Ma Dimer Inch	ision		ore mm	Wei oz	ight g
History/ Values												
Certified kits/STCs			COUPER-B PG1002 [0.512] B	COUPLAN. (HP-002[A] (HP-002[
Exp. Kits	MP-003.1	- CHP-002		1-1-1	8.07	205	8.31	211	1/2	12.2	4.8	136
SensAIR®			[0.201] [05.10]	01-00(A) MCF-00(A) (8-00's m/s.) 255 m/s.								
Landing Gears ALG/B'FleX Shock Wheel				[8,507 max.] 211 mays								
Wheels/Brakes			COUPE B-B MCP-003 [0.512]	CHP-QOS(A)								
Nose-Tailwheels	MP-003.2	- CHP-005	S 0 13		7.32	186	7.55	192	1/2	12.2	4.41	125
Tires Wheel Axles			[0.201] Ø5,10	B MCP-003(A) [7,327 min.] A [186 min. [7,551 mox.] 192 max.								
Brake Controls Rudd'Air Pedals			COUPE B-B MCP-003.1	_ B								
Regulators Anti-skid	MP-003.3	- CHP-002	(12)		7.32	186	7.55	192	1/2	12.2	4.27	121
Parking Valves			(0,201) Ø 5.10	B MCP-003.1(A) [7.327 min.] A [8.5 min. A [7.551 max.] 192 max.								
Hoses/Fittings												
Spare Parts			COUPE 8-8 MCP-003.2	CHP-008(A)								
Tools	NAD 002 4	CUD OCC	[0.512] Ø13		6.03	176	7 22	102	1 /2	12.2	4.2	122
FAQs	MP-003.4	- CHP-008	05200	R MCP-003-2[A] [6-913 min.]	6.93	176	7.22	183	1/2	12.2	4.3	122
BERINGER Aero Technology			900	B MCP-003.2(A) [6-913 min,] A 176 min. A 17217 max.] 183 max.								

Master				М		М	24					Contacts
cylinder P/N	attachment included		Description	Dime	nsion	Dime Inch	nsion		ore mm	We oz	ight g	Webshop
1714			/CHP-005.1(A)	IIICII		····c··						Amorite* Patents
		COUPE B-B MCP-003 [0.512] Ø13	B A									History/ Values
MP-003.5	- CHP-005.1			7.52	101	7.76	197	1 /2	12.2		126	Certified kits/STCs
IVIP-003.5	- CHP-005.1	[0.201]	B MCP-003(A) [7:524 min.] A	7.52	191	7.76	197	1/2	12.2	4.44	120	Exp. Kits
		[0.201] 85.10 Ø5.10	191 min. (7,748 max.) 197 max.									SensAIR®
												Landing Gears
		COUPE B-B MCP-003 [0.512] Ø 13	B CHP-011(A)									Landing Gears ALG/B'FleX Shock Wheel
MP-003.6	- CHP-011	(H)		7.4	188	7.64	194	1 /2	12.2	4.34	122	Wheels/Brakes
1017-003.0	- CHF-011	[0.125]	B MCP-000.3(A) [7.406 min.] [186 min.]	7.4	100	7.04	154	1/2	12.2	4.34	123	Nose-Tailwheels
		,	188 min. [7.630 max.] 194 max.									Tires
		[0.512] ඉ <u>ග්13</u> ලින	CHP-002.1(A)\									Wheel Axles
		[0.512] So	A B A A A A A A A A A A A A A A A A A A									Brake Controls
MP-003.7	CHP-002.1	[0.201] Ø5.10		6.69	170	7.87	200	1/2	12.2	4.3	122	Rudd'Air Pedals
66617	0.11	05.10 05.10	B MCP-003.1(A) A [7,874 min.] 200 min.	0.00		7.07		_,_				Regulators Anti-skid
			[8,188] 208									Parking Valves
		[0.512] [0.201]	CHP-002(A)\ A									Hoses/Fittings
		[0.512] Ø13 [0.201] Ø5,10	B APPEARAGE AND A STATE OF THE									Spare Parts
MP-003.8	CHP-002	[0,315]		7.33	186	7.57	192	1/2	12.2	4.05	115	Tools
33.0	552	8 00	B MCP-003.4(A) [7,327 min.] A [88,10 min.					_,_				FAQs
			[7,571 max.] 192,30 max.									BERINGER Aero
						L						Technology

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Contacts Webshop	Master cylinder P/N	attachment included	Description	M Dimei Inch	nsion	Ma Dimei Inch	nsion		ore mm	Wei oz	ight g
History/ Values Certified kits/STCs Exp. Kits SensAIR®	MP-003.9		COUPE B-8 [0.301] MCP-003 B MCP-003(A) B MCP-003(A) [6.461] [64.10	-	-	-	-	1/2	12.2	4.3	122
Landing Gears ALG/B'FleX Shock Wheel Wheels/Brakes Nose-Tailwheels	MP-003.10	AV-JONK-004	COUPS 8-8 MCP-003 (A) [7.445 min.] [99.510 min.] [7.500 mix.] [95.50 mix.]	7.45	189	7.69	195	1/2	12.2	4.33	123
Wheel Axles Brake Controls Rudd'Air Pedals Regulators Anti-skid Parking Valves	MP-003.11	CHP-002	COUPE No. COUPE	8.07	205	8.32	211	1/2	12.2	4.73	134

Hoses/Fittings

Spare Parts

Tools

FAQs

BERINGER Aero Technology





Master cylinder for rudder pedal MP-001

Allows to actuate following brake calipers:

C. P. TOMBO

COUPE B-B MCP-001

COUPE B-B PGT-001

MCP-001

[0.512]

[0,512]

attachment

included

- CHP-001

CHP-001 -

PGT-002

- CHP-007

Master

cvlinder

P/N

MP-001

MP-001.1

MP-001.2

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

Description

MCP-001(B)

MCP-001(B)

7,437 min.

[8.189 max.]

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).

CHP-001/A1

CHP-001(A)

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



Max

Dimension

Inch mm

8.189

8.937

8.189

Min

Dimension

Inch mm

7.441

8.189

7.441

189

208

189

Bore

Inch mm

9/16

208

227

208

Weight

ΟZ

14.5 5.89 167

9/16 | 14.5 | 6.38 | 181

9/16 | 14.5 | 5.82 | 165

History/ Values Certified kits /STCs

Amorite* Patents

Contacts

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Exp. Kits

SensAIR®

Landing Gears

ALG/B'FleX Shock Wheel

Wheels/Brakes

Nose-Tailwheels

Tires

Wheel Axles

Brake Controls Rudd'Air Pedals

Regulators Anti-skid

Parking Valves

Hoses/Fittings

Spare Parts Tools

Technology They trust us



[7.437 min.]

(8,189 max.)

[8,185 mln.] 208 min. 8.937 max.

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FAQs

BERINGER Aero

Contacts						1					
Webshop	Master cylinder P/N	attachment included	Description	Mi Dimei Inch	nsion	Ma Dimen Inch	sion	Bo Inch		We oz	ight g
AEROTEC* Patents	,					_					
History/ Values			COUPE B B MCP-001/A) [0,512] A CHP-007/A)								
Certified kits/STCs	MP-001.3	- CHP-007	\$ 013 B	7.441	189	8.189	208	9/16	14.5	5.78	164
Exp. Kits			[0,197]								
SensAIR®			[8.18* max.] 208 max.								
Landing Gears ALG/B'FleX Shock Wheel			COUPE B-B MCP-201.2 [0,512]								
Wheels/Brakes	MP-001.4	- CHP-009		7.402	188	8.189	208	9/16	14.5	5.89	167
Nose-Tailwheels			(0.240) B MCP-001.2(A) [7,417 min] A					,			
Tires			[8,189 max,] 208 max.								
Wheel Axles			COUPE 8-8								
Brake Controls Rudd'Air Pedals	MD 004 5	CUD 040	MCP-001.3 [0.512]	6.00	475	7.074	200	0/46	445	F 40	4.47
Regulators Anti-skid	MP-001.5	- CHP-010	[0.240] B MCP-001.3(A) [6.905 min.] A [7.935 mox.]	6.89	175	7.874	200	9/16	14.5	5.18	147
Parking Valves			(760-mas.) 200 max.								
Hoses/Fittings			COUPE 8-B MCP-001.3 B								
Spare Parts			[0.240]								
Tools	MP-001.6	CHP-010.1		6.85	174	7.14	181	9/16	14.5	5.18	147
FAQs			B [6.853 min] A [7.137 mox.] [181.3 mox.								
BERINGER Aero Technology			181,5 max.								

											Contacts
Master cylinder P/N	attachment included	Description	Dime Inch	in nsion mm	Dime	lax ension mm	Bo Inch	re mm	Wei oz	ght g	Webshop
-		COUPE 8-8									Amorret Patent
		[0,512] MCP-001(B) AV-APRIC-009(A)									History/ Values
MP-001.7	AV-		7.27	185	7.78	195	9/16	14.5	5.64	160	Certified kits/STC
	APRK-009	[0,201] B MCP-001(8) [7,288 min.] 184.60 min.									Exp. Kits
		184.60 min. [7.776 max.] 197,50 max.									SensAIR®
		COUPE 8-8 PGT-003.1 B PGT-003.1(A) CIP-001 [0.571]									Landing Gears ALG/B'FleX Shock Wheel
MP-001.8	CHP-001	23 2 3 4 4 5 5 6 7 6 7 6 7 6 7 6 7 6 7 6 7 6 7 6 7	8 56	217.5	9 65	245	9/16	14 5	6 53	185	Wheels/Brake
001.0	-PGT-003.1	B [0,813 m], A [0,315]	0.50	217.3	3.03	213	3,10	1	0.33		Nose-Tailwheels
		[P, A46 max.] 245 max.									Tires
		MCF001.3 JMA000 COUPE 8-8									Wheel Axles
MP-001.10	ZM-002	COUPE AA MCPOOL3 DA-002 DD-002 DD-0	5.83	148	6 01	175.5	0/16	14 5	4 02	127	Brake Controls Rudd'Air Pedals
WIP-001.10	2101-002	[0.346] [0.346] [0.346]	5.83	148	6.91	1/5.5	9/16	14.5	4.83	137	Regulators Anti-skid
		(0.315) (0.315									Parking Valves
		COUPE B-B									Hoses/Fittings
		COUPE AA (15,512) MCP-001 CHP-007 CHP-									Spare Parts
MP-001.11	. CHP-007		6.48	164.5	7.56	192	9/16	14.5	5.78	164	Tools
		[0,201] A [7,407 min.] B [6,68]									FAQs
		[5130 max] 201 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0									
											BERINGER Aero Technology

Contacts

Amoric Patents

History/ Values

Certified kits /STCs

Master cylinder for rudder pedal MP-007

Webshop

Master

cylinder

P/N

MP-007

Allows to actuate following brake calipers:

attachment

included

CHP-007



Dual calipers EA-008.7 - EA-011.2 Available for DOT4 and MIL brake fluid

Description

MCP-007/A1

[7,559 min.]

[8.327 max.]

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)

Exp. Kits

SensAIR®

Landing Gears ALG/B'FleX Shock Wheel

Wheels/Brakes

Nose-Tailwheels Tires

Brake Controls Rudd'Air Pedals

Regulators Anti-skid

Parking Valves Hoses/Fittings **Spare Parts** Tools **FAQs**

Attachments/Extenders for brake master cylinders

Attachment P/N	Description	Wei oz	ight g
CHP-001	[0.45] [0.45] [0.45] [0.45] [0.45] [0.45] [0.45] [0.45] [0.45]	0.83	24
CHP-002	[0.508] (0.12.90) (0.201) (0.201) (0.201) (0.201) (0.201) (0.202) (0.203) (0.23	6

COUPE B-B

Attachment P/N	Description	Wei oz	ight g
CHP-002.1	(0.201) (0.501) (0.502) (0.503	0.35	10
CHP-003	[0.508] [0.508] [0.508] [0.512] [0.512] [0.512] [0.508] [0.512] [0.508] [0.512] [0.508] [0.	0.4	11

Min

Dimension

mm

192

Inch

7.56

Max

Dimension

Inch mm

Weight

ΟZ

Bore

Inch mm

8.33 | 211 | 0.65 | 16.5 | 6.17 | 175

Wheel Axles

BERINGER Aero Technology



Attachment P/N	Description	We oz	ght g
CHP-004	[0.254] 86.45 [0.394] [0.394] [0.512] [0.512]	0.39	11
CHP-005	[0.512] Ø 13	0.32	9
CHP-005.1	[0.512] 213 (0.201) (0.201) (0.512) (0.512) (0.512)	0.37	11
CHP-006	[0,394] 9,50 (0,201) (0,201)	0.43	12
CHP-007	[0.394] 10 10 10 10 10 10 10 10 10 10 10 10 10	0.79	22
CHP-008	[0.512] \$\frac{1}{2}\$ \	0.27	8
CHP-009	[0.374] \$\text{\$\text{\$0,376}\$}\$ \$\text{\$\text{\$0,376}\$}\$ \$\text{\$\text{\$0,376}\$}\$ \$\text{\$\text{\$0,376}\$}\$ \$\text{\$\text{\$0,460}\$}\$ \$\text{\$\text{\$\text{\$0,460}\$}\$}\$	0.8	23

Attachment P/N	Description	Wei oz	ight g
CHP-010	[0.512] \$\phi_{13}\$ [0.413] [0.443] [0.260] \$\frac{3}{2}\$ [0.260] \$\frac{3}{2}\$ [0.260]	0.77	22
CHP-010.1	(0.64a) 16.60 (0.551) (0.51a) (0.51a) (0.51a) (0.51a)	0.58	16.5
CHP-011	[0.544] 16.40 (0.240) (0.24	0.27	8
AV-JONK-004	[1,181]	0.32	9,1
AV-APRK-009	[0.472] (0.15) (0.15) (0.172) (0.17	0.65	18,5
ZM-001	(0,354)	0.78	22
BGE-011	[0,234] 6 [0,531] 13,50	0.16	4.5

ntacts

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one Patents

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p. Kits

nsAIR®

nding Gears G/B'FleX ock Wheel

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Tires

Wheel Axles **Brake Controls**

Rudd'Air Pedals

Regulators Anti-skid

Parking Valves Hoses/Fittings

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BERINGER Aero Technology

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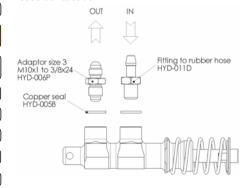
Attachments/Extenders for brake master cylinders

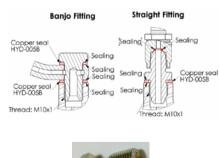
Extender P/N	Description	We oz	ight g
PGT-002	(0,201) (0,5,10) (0,748)	0.3	8.5
PGT-003	[0,201] Ø 5,10 10,984	0.37	10.5

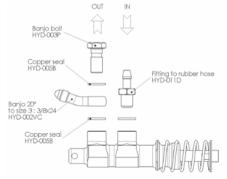
Extender P/N	Description	Wei oz	ight g
PGT-003.1	[0.201] 0.5.10	0.5	14.2
PGT-004	3 S S S S S S S S S S S S S S S S S S S	0.28	8
PGT-005	[0,749]	0.36	10.2

Hydraulic fittings for master cylinders

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







Banjo screw

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 w	eight g
MP-004.1	MP-002.2	[1,575] [1,141	8.77	249
MP-004.2	MP-002.2	[3,937] [1,181] [3,937] [100] [0,252] [0,6.40] [0,197] [1,303] [1,303] [1,303] [4,781] [1,303] [4,781] [1,303] [1,181]	16.06	455

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Contacts					
Webshop	Lever only P/N	M. Cylinder (non included)	Description	Lever v Lb	veight g
Amorite Patents	MP-004.3	MP-002.8	[6,296] 19942	9.3	264
History/ Values			159,92		
Certified kits/STCs			[6:2]		
Exp. Kits					
SensAIR®					
Landing Gears ALG/B'FleX Shock Wheel			[1,003] [4,299] [10,004]		
Wheels/Brakes	MP-004.4	MP-002.8	[6.296] 19992	17.11	485
Nose-Tailwheels			la l		
Tires			(90.5)		
Wheel Axles					
Brake Controls Rudd'Air Pedals			[155] [224] [224]		
Regulators Anti-skid			[1,303] [4,239] 33,10 107,66		
Parking Valves	MP-004.5	MP-002.8	(1.04) (1.04) (1.04)	9.58	272
Hoses/Fittings			[5,010] + 334		
Spare Parts			[814]		
Tools			[C. 10]		
FAQs					
BERINGER Aero Technology			(1,303) (12,344) (1,303) (12,344) (1,303) (1,304) (1,303) (1,304) (1,303) (1,304) (1,303) (1,304) (1,303) (1,304) (1,303) (1,304) (1,303) (1,304) (1,303) (1,304) (1,303) (1,304) (1,303) (1,304) (1,303) (1,304) (1,303) (1,304) (1,303) (1,304) (1,303) (1,304) (1,303) (1,304) (1,303) (1,304) (1,303) (1,304) (1,303) (1,304) (1,303) (1,304) (1,3		

Lever only P/N	M. Cylinder (non included)		Description		Lever v Lb		Contact
MP-004.6	MP-002.8	D.85) [0.16] [0.17] [0.			10.33	293	History/ Certifiedk Exp. Kit: SensAIR Landing ALG/B'F Shock W
MP-004.7	MP-002.8	[1.50]	(1.505) (1.505		8.48	240	Shock W Wheels/ Nose-Tail Tires Wheel A
MP-004.11	MP-002.2	Days Bard	[2,244] (1,200) (1,	Novi Paris de la constante de	4.26	121	Regulat Anti-skid Parking M
MP-004.12	MP-002.8	(0,419) (0,419) (1,614)			5.36	152	Tools FAQs BERINGEF Technol

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ike Controls dd'Air Pedals

gulators ti-skid

king Valves

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Contacts					
Webshop	Lever only P/N	M. Cylinder (included)	Description	Lever v Lb	weight g
Amorite*Patents	AV-CUB-122	MP-001.4	Using ball bearings for perfect control of the braking power. Pedal ratio adjustabe.	1.26	568
History/ Values			Possel Possel		
Certified kits/STCs Exp. Kits					
SensAIR®			[2,265]		
Landing Gears ALG/B'FleX Shock Wheel					
Wheels/Brakes			Modernum locad: 750n (146 st.bu)		
Nose-Tailwheels			MF-001.4		
Tires					
Wheel Axles	AV-CUB-120	MP-003.2	Using ball bearings for perfect control of the braking power. Pedal ratio adjustabe.	1.14	518
Brake Controls Rudd'Air Pedals			[7,374] [92,42]		
Regulators Anti-skid					
Parking Valves			[5,070] [1,070]		
Hoses/Fittings			[1,29] 66,66		
Spare Parts					
Tools			Madmum load: 7501 (168 ALbe)	•	
FAQs			MP-0032		
BERINGER Aero Technology			U		

Integral Reservoirs (Brake fluid)

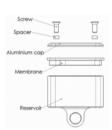
Red aluminum reservoirs

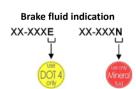
Seal Aluminium cap

Floible membrane

Fluid volume

Aluminium Reservoir





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

Reservoir P/N	Description		Wei oz		Brake Fluid
RV-001E/N	Aluminum Reservoir	Seringer Season Malanasorus PA Main	1.94	g 55	DOT4/MIL
RV-002 E/N		Servinger Served Mall restorate Particles	2.01	57	DOT4/MIL
RV-003E/N	Aluminum Reservoir (Van's type)	-∋£RINGER	1.59	45	DOT4/MIL
RV-004E/N	Aluminum Reservoir - Threaded port	Seeind Build Insomore	1.27	36	DOT4/MIL
RV-004.1E/N	Aluminum Reservoir - unthreaded port (for hand lever)	Non-			

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

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SensAIR®

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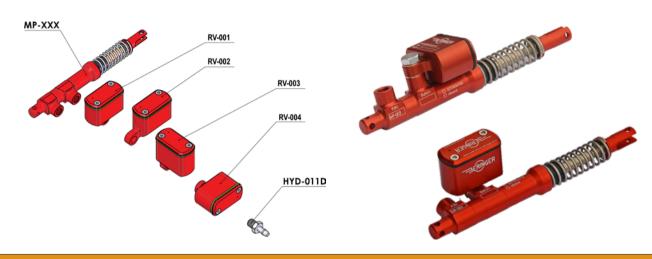
BERINGER Aero

Technology

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Reservoirs (Brake Fluid)

Several ways of mounting the reservoirs on the master cylinders



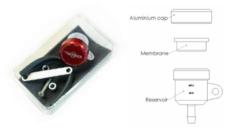
Remote Brake Fluid Reservoir

Remote Reservoir Kit

Seal Vent
Vent
Flexible membrane
Fluid volume
Reservoir

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

Reservoir P/N	Description	Weig oz	ht g	Brake fluid
HFA01E	Remote Reservoir	1.38	39	DOT4
HFA01N	Remote Reservoir	1.38	39	MIL
RV-007N	Remote Reservoir			MIL



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

Option: parking brake FP-004



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SensAIR®

Landing Gears ALG/B'FleX Shock Wheel

Shock Wheel
Wheels/Brakes

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Tires

II CS

Wheel Axles

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BERINGER Aero Technology

Master cylinder P/N	Description	Scheme	Weight oz g	Brake fluid
MM-001	Master cylinder + built-in reservoir	[37]	oz g 10.41 29	5 DOT4
MM-001+PKP01	Master cylinder + built-in reservoir + parking brake	[0.4] [0.8] [0.8] [0.8] [0.8]	10.41 29	5 DOT4
MM-003	Additionnal master cylinder (mounting in serie : co-pilot brake). To be used with MM-001 or MM-001	Pasting pin	10.02 28	4 DOT4
MM-001.5	Master cylinder + built-in reservoir Yankee lever (for Y control stick)			-
LEV-001.1	Yankee lever for MM-001 or MM-001	~		
PKP01	Parking brake for MM-001 and MM-003	and the second	0,1 3	-
MM-004	Lever bushing kit	-		-

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7 (1101 5)(1

Parking Valves

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BERINGER Aero Technology

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 oz g			Brake fluid
HAC01/MM-002	Master cylinder + reservoir cable actuated	10.41	295	DOT4
AV-SCHE-208	Bracket	-	-	-

Master Cylinder hand actuated

A

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

Anti-lock Regulators / Pressure Limiters

without

ALIR

with

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 Intruction 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.

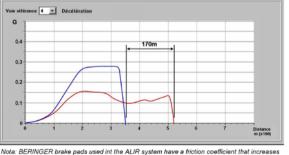
The ALIR system improves the control and dosage of the brakes and still allows differential braking while the pressure remains below the setpoint.

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

This regulator is included in most of the BERINGER Kits.

EMERGENCY BRAKING : comparison:

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



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

Webshop

Amorite Patents

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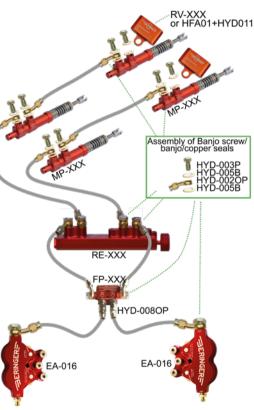
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BERINGER Aero Technology

They trust us

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:

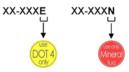
Dual regulators are mounted in a differential braking circuit (each braker master cylinder actuates one wheel).

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

Brake fluid indication



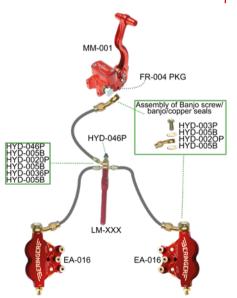




Anti-lock Regulators / Pressure Limiters

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.

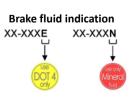
Caution: You must never mix the brake fluid: seals are different

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







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Parking Brake Valve

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Brake Controls

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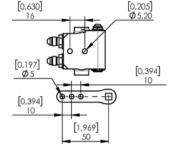
They trust us



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



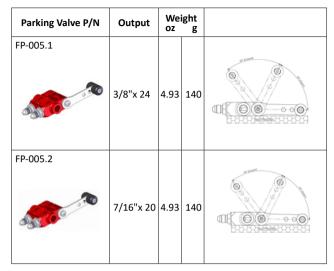


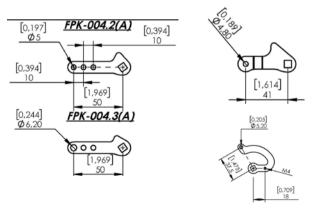
Park. valve P/N	Output	Wei oz	ght g	
FP-001	3/8"x 24	4.52	128	3/8/24
FP-003.2	7/16"x 20	4.73	134	

Park. valve P/N	Output	Wei oz	ght g	
FP-001.2	7/16"x 20	4.67	132	7/16/20
FP-001.3	3/8"x 24	4.53	128	3/8x24 100 100 100 100 100 100 100 100 100 10

Parking Brake Valve

Park. Valve P/N	Output	We oz	ight g	
FP-002	3/8"x 24	4.69	133	21.8° CLOVED CLOVED 3/8x24
FP-002.1	7/16"x 20	4.69	133	21.8° Closed
FP-003	7/16"x 20	4.8	136	8 to 00 00 00 00 00 00 00 00 00 00 00 00 00
FP-003.1	3/8"x 24	4.8	136	\$ 5 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0





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Brake lines – Hydraulic fittings

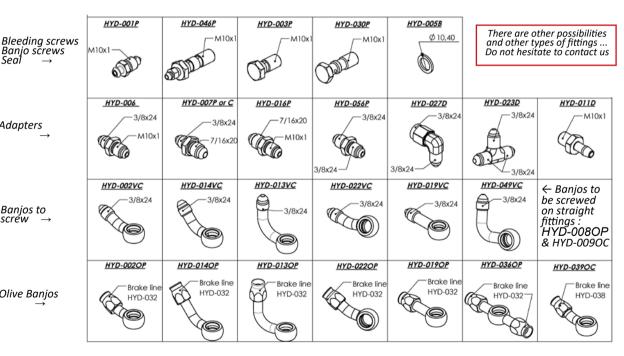
The BERINGER brake line is stainless steel braided.

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

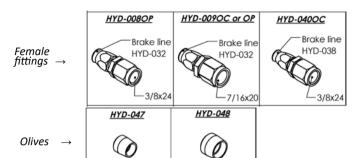
Flexible, it follows the gear leg and prevents against leaks.

Max pressure 3000 psi – burst pressure 9000 psi

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



Hydraulic: Brake lines / Fittings

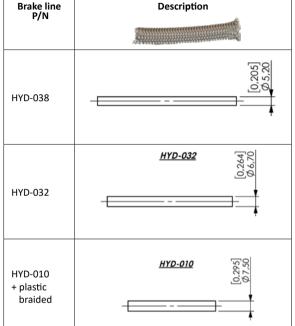


Replacement

olive HYD-032

Replacement

olive HYD-038





→ How to bleed your brakes



→ How to assemble brake lines and fittings

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Spare parts: wheel O'ring - Valves

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

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

Wheels in 3 parts : please contact us

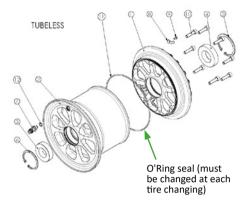


→ How to remove a tubeless tire



→ How to mount a tubeless tire





Spares parts: Brake discs / Brake pads

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

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



→ How to change brake pads



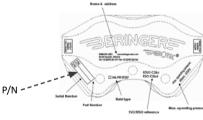
→ How to do the maintenance of a caliper

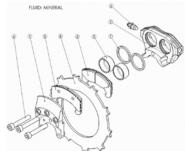


Brake disc

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







P/N	Description	Photo / Scheme
ONA01	Spray lubricant Tire Up	-
ONB01	Spray anti-puncture	-
ONC01	Brake bleeding kit	
OPA03	Bent adapter for wheel valve (tire inflate)	
OT160	Adapter for wheel valve (tire inflate) with fairing	
OPA04	Wrench adapter for axle nut ECR-002 on FUS-009.2 (square 1/2")	
OPA05	Wrench adapter for nut ECR- 001 (square 3/4")	
OPA07	High pressure pump 0-20 bars	
OPA12	High pressure pump 0-30 bars	
OPA08	Wrench adapter for nut ECR-002 on AV-VANS-200 axle (square 1/2")	
OPA09	Milling cutter Ø20	
OPA10	Wrench adapter for nut ECR-002	

D/N	B	Photo (Cobosso	Contacts
P/N OPA11	Description Wrench adapter for nut ECR-	Photo / Scheme	Webshop
OPATI	004 (square 3/4")		Amoite Patents
OHT02	Metric tool kit	•	History/ Values
OUT-046(A)	Tightening tool for nut E-C-		Certified kits/STCs
(Ancien OHT01)	0 0		Exp. Kits
OUT-047	Tightening tool for nut E-C-		SensAIR®
	001 and E-C-004 (hexagonal 19mm)		Landing Gears ALG/B'FleX Shock Wheel
OUT-078	Wrench for Rotax filter		Wheels/Brakes
			Nose-Tailwheels
OT-001	Tire mounting tool : • 6" HE wheel	No.	Tires
OT-001.1	r-001.1 • all other 6" wheels	, A S	Wheel Axles
OT-002	Tire mounting tool : 5" wheel		Brake Controls Rudd'Air Pedals
			Regulators Anti-skid
OT-003	Wrench to tighten wheel caps BH-001 (BCH-005)		Parking Valves
	, ,		Hoses/Fittings
OT-012	Tire mounting tool : 8" RF-10 wheel		Spare Parts
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Av-PIL-101	Special wrench to tighten wheel caps BCH-001		BERINGER Aero Technology
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Welcome to our BERINGER Channel Tech Tips - News - Information

WWW.YOUTUBE.COM/BERINGERAERO



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:

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.

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

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

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



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

NOT 4 These fluids have been developed for the hydraulic brakes of motor vehicles and are called DOT3. DOT4. DOT5 or DOT5.1 DOT3 has lower performance and has been replaced by DOT4. DOT4 is the most commonly used fluid in motor vehicles. DOT5 is usually silicone-based, but is not commonly used, and is not miscible ("mixable") with DOT3 or DOT4. DOT5.1 is not miscible

with DOT5 and may also be not miscible with DOT3 or DOT4.

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

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

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



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

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

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

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

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

Brake Fluid	Brake Fluid Color	Se EPDM	als 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)



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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BERINGER - An advanced Technology

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

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

BFRINGFR Wheels

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

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

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

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

BERINGER Brake Calipers/Discs

Covered by the AEROTEC® patents

Brake Calipers:

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

Brake Discs:

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



BERINGER AERO Technology

BERINGER AERO Research & Development Laboratory





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

Roll tests : 29" tires →



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

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

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

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

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

Endurance test for the complete braking circuit : 200.000 cycles of pressure input \Rightarrow



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

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

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

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

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

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

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





→ ALG landing gear drop Test Video

























































































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





YOUR FEEDBACK IS ESSENTIAL!

We humbly request 3 minutes of your time to complete a short survey on your recent experience with BERINGER. Your feed back is essential to improve our products and services. Thank you!







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