



WIPLINE 2100 FLOATS

Whether your dream is to tour the majestic mountains of the Idaho backcountry, dance above the tree tops on the vast northern Canadian Shield or hop between white sand beaches on the eastern seaboard, Wipaire can outfit your Piper PA-12 Super Cruiser or PA-18 Super Cub with the versatility you need. A set of Wipline 2100 floats provide simplicity, solid handling characteristics, convenience and performance for your aircraft.

FEATURES AND BENEFITS

- Amphibious or seaplane floats available
- High bow buoyancy and a higher deadrise angle on our forward bottoms for improved handling in wind and choppy water
- Best nose and main gear on the market, proven in the field and imitated by competitors
- Non-skid coated, flat top decks for safety
- Enhanced safety with amphibious gear advisory system and gear position indicator on the float deck of amphibious floats
- Two large float hatches for gear, measuring 20 $\frac{3}{8}$ " by 10 $\frac{1}{2}$ " with 50 pounds carrying capacity each
- Aluminum skins and parts are laser cut and rivet holes are pre-punched so that replacement parts fit perfectly

Wipaire also offers skis, modifications, interiors, avionics and maintenance to help you get the most out of your investment. Purchase your floats and modifications from the only float company with over 55 continuous years of production and be assured we'll be there when you need support.

SPECIFICATIONS FOR WIPLINE 2100 FLOATS

WEIGHT

	PA-12 Super Cruiser	PA-18 Super Cub	PA-18 Super Cub with 2,000 lb gross weight kit
Amphibian System Total Weight	427 lbs (194 kg)	427 lbs (194 kg)	429 lbs (195 kg)
Amphibian Exchange Weight	329 lbs (149 kg) ¹	329 lbs (149 kg)	331 lbs (150 kg)
Seaplane System Total Weight	258 lbs (117 kg)	280 lbs (127 kg)	282 lbs (128 kg)
Seaplane Exchange Weight	160 lbs (72 kg) ¹	182 lbs (82 kg)	184 lbs (83 kg)
Aircraft Gross Weight	1,935 lbs (878 kg) ²	1,776 lbs (806 kg)	2,000 lbs (907 kg)

DISPLACEMENT IN FRESH WATER

Amphibious Floats	2,185 lbs (991 kg)
Seaplane Floats	2,323 lbs (1,054 kg)

MAXIMUM FLOTATION

Amphibious Floats	2,428 lbs (1,101 kg) ³
Seaplane Floats	2,581 lbs (1,171 kg) ³

FLOAT DIMENSIONS

Length – Seaplane	17'7" (5.36 m)
Length – Amphibian	17'11" (5.46 m)
Height – Hull	1'11" (0.58 m)
Width – Hull	2'5" (0.74 m)
Float Locker Capacity (each)	50 lbs (22.7 kg)

PA-18 PERFORMANCE ON AMPHIBIOUS FLOATS

	PA-18 Super Cub	PA-18 Super Cub at gross weight of 2,000 lbs
Engine	Lycoming O-320 (160 hp)	Lycoming O-320 (160 hp)
Take off run (land)	588 ft (179 m)	744 ft (227 m)
Take off over 50 ft obstacle (land)	1,176 ft (358 m)	1,488 ft (454 m)
Take off run (water)	776 ft (237 m)	1,174 ft (358 m)
Take off over 50 ft obstacle (water)	1,294 ft (394 m)	1,956 ft (596 m)
Rate of climb (per/min)	925 ft (282 m)	756 ft (230 m)

1) Exchange weight is equal to the float installation weight minus aircraft landing gear weight.

2) Gross weight of 1,935 lbs may require the installation of additional supports (included in the float kit)

3) Per FAR 23.751 with 80% reserve buoyancy (2 floats)



MODIFICATIONS & SKIS FOR THE SUPER CRUISER/CUB

GROSS WEIGHT INCREASE TO 2,000 POUNDS

Wipaire offers a modification which will increase your Cub's total gross weight to 2,000 pounds. Compatible with landplanes and floatplanes equipped with Wipline 2100 floats or Edo 2000 floats.

The kit weighs less than 2 pounds and takes about 30 hours to install. If you are building up a Cub, make sure to install it during the process for time savings and higher resale value. A PA-18 Super Cub with 1,750 pound gross weight is required for this modification.

Gross Weight Increase Kit Includes:

- Fuselage cluster modification
- Parts to modify wing spar
- Main gear modification (landplane kit only)
- STC paperwork
- Flight manual supplement (STCSA00997CH/POHSA00997CH)



WIPLINE AIRGLIDE C2200 SKIS

Increase your Cub's versatility with C2200 skis. Our hydraulically retractable skis offer peak performance on either snow or the runway. Compromised penetration skis result in extra drag from a wheel during a snow landing or take-off and potential damage to the ski on dry ground. Now you don't have to sacrifice performance for convenience!

- Operate as either a full ski or a wheel at your discretion
- Ski is supported by the tire during ski landing for extra stability, shock absorption and support
- Aluminum parts are anodized or epoxy primed ensuring corrosion resistance.
- High density polyethylene bottom skins deliver high performance in slush and prevent freeze down
- Ski hydraulic system is compatible with Wipline floats making the seasonal switch from floats to skis easier
- CT3000 tail ski also available

SPECIFICATIONS

Dimensions: 76" x 18" (1.9 m x .45 m) Weight: 84 lbs* (38 kg)

*Weight is for both skis. The Electro-Hydraulic Power Pack adds an additional 17 lbs.



WIPAIRE SERVICES

Minimize down time on your aircraft by coordinating services at either Wipaire's South St. Paul, MN headquarters or our service center in Leesburg, FL.

MAINTENANCE

- Oil changes, borescope inspections, annuals, pre-buy inspections and more
- Restoration & upgrade services
- Float and landing gear inspections & repairs

AVIONICS

- Installation & repair services including bench work
- We specialize in Garmin upgrades
- Perform IFR certification

INTERIORS & PAINT

- Interior repairs to complete renovations
- Custom design service
- Meticulous attention to detail
- Finlet and float paint matching available

AIRCRAFT SALES & ACQUISITIONS

- Experienced & market savvy staff
- Customized marketing strategy
- Pre-buy inspections
- No hassle document preparation & filing



South St. Paul, MN - 651.451.1205

FAA CRS #RJWR390K - EASA 145.6194

Leesburg, FL - 352.323.4809

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www.wipaire.com