

INCREASE YOUR SUPER CUB'S USEFUL LOAD BY 550 LBS...



... BY INCREASING YOUR SUPER CUB'S GROSS WEIGHT TO 2300 LBS
CUBCRAFTERS ANNOUNCES NEW STC SA01633SE FOR ALL SUPER CUBS

All PA18 series aircraft are eligible to be modified so that the aircraft can operate legally at 2300 Lbs gross weight via CubCrafters STC SA01633SE. The new STC allows for useful loads of over 1,100 Lbs on wheels and over 800 Lbs on Wipline amphibious floats.

There are several components to the new STC:

APPLICATION

Piper PA18 through PA18-150: All aircraft in series including L21 and PA18-95.

FLIGHT MANUAL

The 2300 Lbs gross weight STC requires a new Flight Manual for operations at the new weight. A 200 Lbs baggage capacity is included in the Flight Manual, as are ICAO performance charts for Take-off, Climb, Cruise, and Landing performance data.

REQUIREMENTS

The new 2300 LBS gross weight increase STC is applicable only when the following STC's and/or other requirements are complied with:

1.	Engine	•	SA92NW, CubCrafters 180 HP Lycoming engine installation
2.	Wings	•	SA00275SE, CubCrafters Vortex Generators, AND;
		•	SA01350SE, 2300 Lbs replacement wings
3.	Fuselage	•	Certain existing Univair fuselages reinforced for 2300 Lbs, OR;
		•	SA4095NM, CubCrafters 2300 Lbs replacement fuselage
4.	Landing Gear	•	SA00411SE, Cub Crafters 3" extended landing gear, AND;
		•	SA01158SE, Cub Crafters HD tail wheel.
5.	Floats	•	Wipline 2100A floats are approved when installed in accordance with Cub Crafters drawing TC10400.

INSTALLATION

The 2300 Lbs gross weight increase is best completed during a complete aircraft rebuild as this STC requires a new (or some Univair fuselages can be modified) 4130 fuselage and new wings. The STC also requires new wing struts and CubCrafters heavy duty 3" extended landing gear. The STC is compatible with Dakota Cub fuel tanks. Some Univair fuselages built prior to 2006 will need to be modified to be eligible for amphibious floats. New fuselages ordered through CubCrafters will not need modification for use on wheels or floats. Check with us to determine if your Univair fuselage must be modified. All Univair fuselages may be modified for 2300 Lbs on wheels. Fuselages built by Piper or by Airframes Inc. are not eligible at this time. It is best to check with us prior to beginning work as to the question of eligibility and compatibility with other STC's.

COST

Final cost is subject to any work previously completed or STC's already installed. The cost to modify the airplane to 2300 Lbs status is as follows:

STC SA01633SE: Flight Manual and supporting paperwork	\$3,900*
New wings with reinforcements installed (uncovered)	19,540*
Fuselage modifications required for Univair Super Cub fuselages built between '99-'07 OR New 2300 Lbs fuselage	\$2,500* OR \$13,950*
New wing struts front and rear	\$1,900*
Vortex Generator Kit	\$1,495*
Heavy Duty 2-hole tailwheel and spring	\$1,670*
180 HP STC and installation kit	\$6,949*
Heavy Duty 3" extended landing gear with lower struts	\$1,995*

**The above prices assume a complete aircraft rebuild is in process. All items are uncovered, unpainted or unassembled unless otherwise noted. If some of the required components are already installed, the savings will be credited to the customer.*

