

# SKY-TEC STARTERS

## SKY-TEC STARTERS FOR CONTINENTAL ENGINES

Sky-Tec starters are now the factory OEM starter for Teledyne Continental engines. Features of Sky-Tec's ST2 and ST3 starters for TCM engines include low current draw, high-torque and very light weight. All Sky-Tec Continental starters feature Sky-Tec's exclusive Kickback Protection System either by means of a field-replaceable shear pin (ST2 model starters) or torque limiter (ST2 model starters). Sky-Tec ST2 and ST3 starters are maintenance free and FAA-PMA manufactured to exacting TCM OEM standards. ST2 starters fit engines from A65-12 (Mooney Mite engine) up to O-300C (Cessna 172) and ST3 starters fit all TCM engines with a right-angle starter adapter gearbox on the rear of the engine (O-300D through TIO-520 engines).

Sky-Tec ST2 Model Starters weigh only 9.2 lbs. replacing heavyweight old OEM starters weighing more than twice as much. Installation is simple via PMA (factory key-start replacement C12ST2 starter) or STC (pull start conversion kit KCST2 starter). ST2 starters replace trouble-prone continuous running sprag clutched heavyweight old starters. Key-start ST2 starters can be installed without removing the needle bearing in the engine.

Sky-Tec ST3 Model starters weigh only 6.5 lbs. replacing heavyweight old OEM starters weighing up to three times as much! ST3 Model starter installation is a very simple bolt-off/bolt-on affair and certification is via FAA-PMA (no 337's or STC's required). Sky-Tec ST3 starters unique centrifugal clutch feature permit the ST3 starter to release the TCM starter adapter faster than any other starter making it the safest starter available for all types of TCM starter adapters. Sky-Tec ST3 model starters are the only lightweight permanent magnet starters recommended for use on all types of TCM starter adapters by the most respected starter adapter rebuilders. All Sky-Tec starters carry a generous 2-Year warranty.

## SKY-TEC ST2 & KCST2 MODEL STARTERS FOR SMALL CONTINENTAL ENGINES



### SKY-TEC C12ST2 - FOR FACTORY KEYS STARTER FOR A65-12 THROUGH O-300C ENGINES

- 9.2 lbs., Bolt-off / Bolt-on, High Torque, Low-Current, Gasket Included, Replaces TCM starter & continuous running sprag clutch in TCM factory keystart engines.

**SKY-TEC KCST2 - STC-CERTIFIED CONVERSION KIT FOR FACTORY PULL-START ENGINES** - STC Modification of Engine Required (removal of OEM starter pinion shaft in rear of engine). STC Modification of Airframe Required (replacement of pull-start T-handle with Sky-Tec-supplied push button & wiring) High Torque, Low-Current, 9.2 lbs.

**Complete Conversion Kit includes:** C12ST2/S Starter, Push Button Switch, Wiring Harness, Gasket, Instructions, STC for Airframe Modification, STC for Engine Modification

- Model C12ST2.....P/N 07-00614 .....
- Model C12ST2/S (Starter only) .....P/N 07-00719 .....
- Model KCST2 .....P/N 07-00721 .....
- KCSW Switch and harness only.....P/N 07-00722 .....

## SKY-TEC ST3 MODEL STARTERS FOR LARGE CONTINENTAL ENGINES



Safe for all types of TCM starter adapters! Feature Sky-Tec's exclusive proprietary clutch design virtually eliminating starter-induced TCM starter adapter wear. FAA-PMA certified replacement part approved for all TCM starter adapters including "classic Style", "improved style", "permold", and "sand cast" engines. Simple bolt-off / bolt-on installation.

Designed to crank no slower than TCM heavyweight OEM starters. Generous 2-Year factory warranty.

- Model C12ST3 12 Volt.....P/N 07-00766.....
- Model C24ST3 24 Volt.....P/N 07-00767.....

## SKY-TEC STARTER FOR ROTAX ENGINES



4.1 lbs. Bolt-off / Bolt-on. High Torque, Low-Current. Heavy-Duty "Gold"-type Starter. Fits Rotax 912 and 914-series engines.

- P/N 07-01263 .....

## SKY-TEC BCE-6 EXTENSION CABLE KIT



6" Battery Cable Extension kit aids the installation of starters in aircraft that have limited slack available in the aircraft's starter power cable. Generally not required for TCM starter installations. May be needed in some PM, and NL model Lycoming installations.

- P/N 07-00923 .....

## SKY-TEC STARTERS FOR LYCOMING ENGINES

For more than twenty years, Sky-Tec has focused solely on one obsession: making the world's best aircraft engine starters. Sky-Tec's passion and commitment to general aviation continues today with a full line of lightweight, high-performance starters for Lycoming, Continental and even Rotax engines. Every Sky-Tec starter is engineered, designed, manufactured and supported by pilots and aircraft owners like you. Sky-Tec starters are specially designed for each aircraft engine application with a relentless focus on performance, reliability and trouble-free fit. Sky-Tec uses only FAA-PMA certified airworthy components resulting in reliability that exceeds engine TSO. Sky-Tec's legendary innovations include Sky-Tec's exclusive Kickback Protection System (KPS), ultra-lightweight high-torque motors, proven Bendix-free electromechanical solenoid engagement (and disengagement), and super-strong, lightweight housings designed to endure years of use on every aircraft. Every Sky-Tec starter comes backed by the best warranty in the industry (2-years) by the best people in the business. **There is NEVER A CORE CHARGE on Sky-Tec starters!**

## SKY-TEC STARTERS HIGH-TORQUE INLINE STARTERS FOR LYCOMING ENGINES



Featuring Sky-Tec's Exclusive KPS® Kickback Protection System, Sky-Tec's NL-series of starters are now available in Extended Cranking SuperDuty versions (see table below) - perfect for hard to start as well as hard to fit aircraft. The /ec series starters feature

unprecedented duty cycle capabilities and are virtually impossible to hurt on even the hardest starting 24V aircraft. Now available as factory original equipment on nearly all new Lycoming-powered airplanes, no other starter is manufactured to more exacting standards for quality, reliability and workmanship than Sky-Tec's Inline series starters. All NL-series starters are FAA-PMA certified as replacement parts for all non-gear, flat Lycoming engines. Sky-Tec NL-series starters fit without modification or 337 paperwork. At only 9.4 lbs., the NL-series is the lightest Bendix-free inline available. Generous two-year warranty.

Model No.	Voltage/Description	Pitch	FAA-PMA Eligible	Part No.	Price
122-NL	12 Volt (Also 24 Volt Switchable)	10/12 (for 122-Tooth Rng Gears)	Lyc 235, 290, 320, 360, 540 & 720	07-00761	.
149-NL	12 Volt (Also 24 Volt Switchable)	12/14 (for 149-Tooth Rng Gears)	Lyc. 235, 290, 320, 340, 360, 540	07-00762	.
149-NLR	12 Volt (Also 24 Volt Switchable)	12/14 (for 149-Tooth Rng Gears)	Lyc. LIO-320, LO-360, LTO-360, LIO-360, LHO-360 & LTIO-540	07-00763	.
122-NL/ec	24 Volt Super Duty	10/12 (for 122-Tooth Rng Gears)	Lyc. 235, 290, 320, 360, 540 & 720	08-07061	.
149-NL/ec	24 Volt Super Duty	12/14 (for 149-Tooth Rng Gears)	Lyc. 235, 290, 320, 340, 360, 540 &	08-07062	.
149-NLR/ec	24 Volt Super Duty	12/14 (for 149-Tooth Rng Gears)	Lyc. LTIO-540	08-07060	.

## SKY-TEC HIGH-TORQUE STARTER



Newly Improved! The original High-Torque starter is available with Sky-Tec's exclusive Extended Cranking Super Duty 24 Volt motor. Also stronger and more durable thanks to an improved strontium-fortified aluminum alloy and beefed-up mount castings. Still one of the lightest Lycoming starters available at only 8.5 lbs. Spins twice as fast as most heavyweight OEM starters. Zero maintenance. FAA-PMA approved for most Lycoming engines. Also available specifically configured to directly replace costly B&C starters on Robinson helicopters. Some airframe applications may require modification for best fit. Confirm aircraft fit, ring gear tooth count and voltage before ordering. Generous 2-Year factory warranty.

Model	Voltage	Description	Part No.	Price
122-12HT	12 Volt	10/12 (122 Tooth)	07-06250	.
149-12HT	12 Volt	12/14 (149 Tooth)	07-06251	.
122-HT/ec	24 Volt Super Duty	10/12 (122 Tooth)	07-01323	.
149-HT/ec	24 Volt Super Duty	Duty 12/14 (149 Tooth)	07-06255	.
149-12HT-H	12 Volt	Replaces B&C Starters on 12 Volt Robinson Helicopters	07-01336	.
149-HT/ec-H	24 Volt Super Duty	Replaces B&C Starters on 24 Volt Robinson Helicopters	07-01337	.

## SKY-TEC FLYWEIGHT™ STARTERS FOR LYCOMING ENGINES



Newly Improved! The original Flyweight™ starter that started the lightweight revolution is now even stronger and more durable thanks to an improved strontium-fortified aluminum alloy and beefed-up mount castings. Still one of the lightest Lycoming starters available at 8.25 lbs. Spins twice as fast as most heavyweight OEM starters. Zero maintenance. FAA-PMA approved for most Lycoming engines. Some airframe applications may require modification for best fit. LS model has the solenoid offset to the left side and PM model is offset to

the right. Confirm aircraft fit, ring gear tooth count and voltage before ordering. Generous 2-Year factory warranty.

Model	Part No.	Price
122-12LS	07-06245	.
149-12LS	07-06246	.
149-24LS	07-06247	.
122-12PM	07-06252	.
149-12PM	07-06253	.
122-243PM	07-06249	.
149-24PM	07-06257	.