

# STARTERS – ALTERNATORS



## B & C LIGHTWEIGHT STARTERS FOR LYCOMINGS

This extraordinarily light weight starter was specifically designed to meet rigorous demands of today's weight sensitive aircraft designs. Weighing only 10.2 pounds, B & C starters develop more torque than standard starters. The first lightweight starter to be developed, the B & C starter has been in production for over 16 years. It is manufactured from 100% new components and features total ball-bearing construction. The pinion gear is mechanically engaged with the ring gear before power is applied to the motor. Cantilevered pinion gear mounting requires no forward shaft support bearing thus eliminating cowl interference. If battery failure precedes engine starting, a positive spring retraction system insures pinion gear disengagement. STC'd and PMA'd versions for installation on certificated aircraft are available. STC'd for aircraft powered by any of the following series of Lycoming engines:

- O-235      • O-290      • O-320      • IO-320      • AIO-320
- AEIO-320   • O-360      • IO-360      • AIO-360      • AEIO-360
- HO-360      • HIO-360   • O-540      • IO-540      • AEIO-540
- HIO-540      • TIO-540



## B & C LIGHTWEIGHT STARTERS FOR CONTINENTALS

This new starter for the Continental 0-200 or 0-240 engine solves all the problems that other starters have had — worn out clutches, cracked pinion gears, hard to find parts. In addition, the BC320 is 4.3 to 5.2 lbs. lighter depending on whether you are replacing a key-type starter or a pull-cable type starter. The BC320 starter is STC'd for use in certificated aircraft and is available with, or without, the STC. Also available are two installation kits — one for replacing a key-type starter, the other for replacing a pull-cable type starter.

If you are replacing a key-type starter, you will need installation kit 501-1. Before installing the BC320, a needle bearing will need to be removed from your engine. To aid in removing this needle bearing, you may purchase Bearing removal kit, 501-2, for \$119.00. If you do not care to keep this tool, you may return it and be refunded \$80.00. If you are replacing a pull-cable starter, you will need installation kit 501-3. Before installing the BC320, you will need to cut off a steel shaft that is installed in your engine case. The new BC320 starter is a complete starter, ready to install, that will replace the existing motor, clutch, and pinion-gear. Tested by Continental with over 5000 start cycles without a problem. Recommended by Rutan Aircraft Factory. Except for paperwork, there are no differences between STC'd starters and starters for homebuilts. A starter must be ordered to match your battery voltage.

### FOR CERTIFICATED AIRCRAFT APPLICATIONS

Part No.	Model No.	Pinion Gear Pitch	Teeth on Ring Gear	Battery Voltage	Price
<b>LYCOMING</b>					
07-06700	BC315-100-1	10/12	122	12	.
07-06705	BC315-100-2	12/14	149	12	.
07-06710	BC315-100-3	10/12	122	24	.
07-06715	BC315-100-4	12/14	149	24	.
<b>CONTINENTAL</b>					
07-06716	BC320-1			12	.

### FOR EXPERIMENTAL AIRCRAFT APPLICATIONS

Part No.	Model No.	Pinion Gear Pitch	Teeth on Ring Gear	Battery Voltage	Price
<b>LYCOMING</b>					
07-06720	BCS206-122-12	10/12	122	12	.
07-06725	BCS206-149-12	12/14	149	12	.
07-06730	BCS206-122-24	10/12	122	24	.
07-06735	BCS206-149-24	12/14	149	24	.
<b>CONTINENTAL</b>					
07-06737	BC320-H			12	.

### B & C ACCESSORIES

- 501-1 ..... Installation Kit (key type)..... P/N 07-06752 .....
- 501-2 ..... Bearing Removal Kit..... P/N 07-06753 .....
- 501-3 ..... Installation Kit (pull cable)..... P/N 07-06754 .....



## GENNIPOD WIND GENERATOR

The GenniPod wind generator has been designed and built for use on EXPERIMENTAL and Ultra-light Aircraft. Utilizing a new solid state voltage regulation system, the GenniPod has been designed to target 13.5 volts at a 4 amp output. Final Phase testing demonstrated sufficient power for, Instrument panel gauges, GPS, Handheld Nav-

Com, VW Ignition (point), and a fuel transfer Pump for those long cross country flights, (OSHKOSH!) Targeted airspeed for this unit was a cruise of 75 mph, and an aircraft Vne of 110 mph. Your GenniPod is delivered ready to mount on your airplane. Two wires, (Positive and Negative), will be linked to your electrical system. You will supply generator switch, 5 amp Breaker, and wiring to link the GenniPod to your system. A small motorcycle lead acid battery is also required These items are not supplied to allow you to build to your needs, and to keep our prices low. The GenniPod measures approximately 9" long, with a diameter of 7" at the prop. Weight will be approximately 3.5 pounds installed.

P/N 11-07182.....

## INTERAV BELT DRIVEN ALTERNATOR KITS FAA APPROVED ALTERNATOR CONVERSION KITS



This high quality alternator kit is STC'D for most 14 volt aircraft and enables you to replace your belt driven generator with a current day alternator system. The superior features of this system include quick installation, voltage spike guard, built-in radio noise suppression, transistorized voltage regulator, and overvoltage relay protection. Kit includes alternator, mount, regulator, and overvoltage control. requires 60 Amp. Circuit Breaker(P/N 295-29694).

- Single Engine Kit..... P/N 07-06800.....
- Twin Engine Kit..... P/N 07-06850.....

### INTERAV KITS INCLUDE

Model No.	Ref. No.	Description	Purchase Kit Components Individually. Part No.	Price Per Component
015-01237	A-152A	Alternator Assy	07-00027	.
625-61623	A-153C	Voltage Regulator	625-61623	.
635-62448	OVR-128	Overvoltage Relay	635-62448	.
015-01240	A-167D	Mounting Bar Assy	07-01290	.
245-23709	A-178	Spike Guard Capacitor	07-00828	.
165-15041	A-178-2	Clamps	---	.
435-42408	A-178-4	Lead Kit	---	.
395-37992	A-178C	Hardware Kit	---	.
415-40054	OVR-12A-6	Pacard	---	.
---	R-65-113	Installation Instructions	---	.

### ACCESSORIES

- 115-09964 Brush Holder Assembly..... P/N 07-00317 .....
- 295-29694 60 Amp. Circuit Breaker..... P/N 295-29694 .....



## SKYTRONICS JASCO GEAR DRIVEN ALTERNATOR KITS

This Jasco alternator kit is STC'd for many aircraft including the early Cessna 150, 172, and 175 series as well as Beech Model 35's with early E series Continental engines. Applicable to Continental C-90, 0-200 and 0-300 engines. This kit includes 50 amp alternator, voltage regulator, over-voltage control, and STC documents. Available for 14V systems only. Well-proven over many years of use in a variety of aircraft. In stock for immediate shipment. STC'd for Cessna 150-170, 172, 175, Beech 35 Series, Navion A. Skytronics Kit #6560-1.

P/N 07-06900 .....

Volts	Amps	Drive	Alt. P/N	Kit P/N	Price
12	50	4 stud, 6 spline sqr pad	6555T	6555-1	.
12	50	Round pad like Delco config.	6560T	07-06900	.
12	50	6 stud, 16 spline rnd. pad	6565T	6565-1	.
24	50	4 stud, 6 spline sqr. pad	7555T	7555-1	.
24	50	6 stud, 16 spline rnd pad	7565T	07-75651	.
24	70	Hiller UH12E round pad	7555H-72B	07-07555	.
24	70	4 stud, 6 spline sqr. pad	7655T	07-00703	.
24	70	7555H-72B Kit		07-00702	.
		Alternator	7555H-72B	07-07555	.
		J12M24SPH Reg. Controller	J12M24SPH	07-00314	.
		17-10 Resist. 150 omega	17-10	07-01710	.
24	70	7655T Kit		07-00703	.
		Alternator	7655T	07-00703	.
		J12M24SPH Reg. Controller	J12M24SP	07-00696	.
12		17-10 Resist. 150 omega	17-10	07-01710	.
12		Voltage Controller	J12M20SP	07-00697	.
24		Voltage Controller	J12M24SP	07-00696	.
24		Voltage Controller	J12M24SPH	07-00314	.
24		Voltage Controller	J24-100SP	07-00698	.
24		150 (omega) Resistor	17-10	07-01710	.
24		75 (omega) Resistor	17-1	07-00699	.
		Terminal Conversion kit	ESC-2	07-00701	.

## JASCO ALTERNATOR GASKET SA36100



Jasco Alternator Gasket SA36100 used only on a 6560T Alternator.

P/N 07-01287 .....