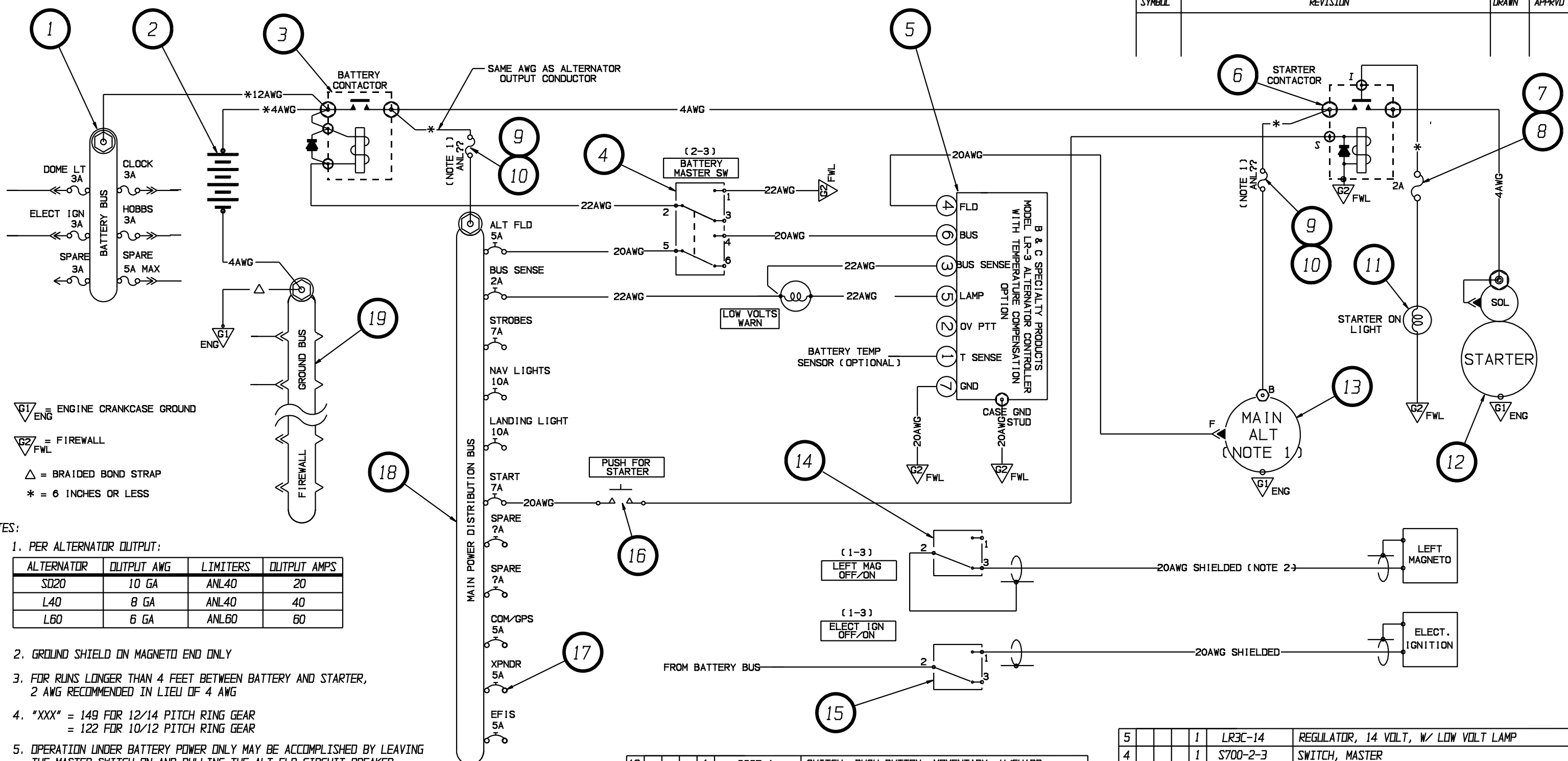


SYMBOL	REVISION	DRAWN	APPRVD



- = ENGINE CRANKCASE GROUND
- = FIREWALL
- = BRAIDED BOND STRAP
- * = 6 INCHES OR LESS

NOTES:

1. PER ALTERNATOR OUTPUT:

ALTERNATOR	OUTPUT AWG	LIMITERS	OUTPUT AMPS
SD20	10 GA	ANL40	20
L40	8 GA	ANL40	40
L60	6 GA	ANL60	60

- 2. GROUND SHIELD ON MAGNETO END ONLY
- 3. FOR RUNS LONGER THAN 4 FEET BETWEEN BATTERY AND STARTER, 2 AWG RECOMMENDED IN LIEU OF 4 AWG
- 4. "XXX" = 149 FOR 12/14 PITCH RING GEAR
= 122 FOR 10/12 PITCH RING GEAR
- 5. OPERATION UNDER BATTERY POWER ONLY MAY BE ACCOMPLISHED BY LEAVING THE MASTER SWITCH ON AND PULLING THE ALT FLD CIRCUIT BREAKER
- 6. ? = CIRCUIT BREAKER CURRENT RATING

ITEM	USED ON	PART NUMBER	DESCRIPTION
23			
22			
21			
20			
19		1 GB24 OR GB48	BLISS, GROUND, FIREWALL KIT
18		AR BLISBAR	BUS BAR, BRASS, .025 X 0.5 X 12"
17		AR CB?	CIRCUIT BREAKER, PULLABLE (SEE NOTE 6)

ITEM	USED ON	PART NUMBER	DESCRIPTION
16		1 S895-1	SWITCH, PUSH BUTTON, MOMENTARY, W/GUARD
15		1 S700-1-3	SWITCH, ELECTRONIC IGNITION
14		1 S700-1-3	SWITCH, MAGNETO
13		1 L?? OR SD20	ALTERNATOR (SEE NOTE 1)
12		1 BCS206-XXX-12	STARTER, 12 VOLT (SEE NOTE 4)
11		1 S888-1-4	LAMP FIXTURE, AMBER, W/14 VOLT BULB
10		2 C903-1	BASE, CURRENT LIMITER
9		2 C905-??	CURRENT LIMITER, ANL (SEE NOTE 1)
8		1 S889-2	FUSE, ATC, 2 AMP
7		1 IFH-2	FUSE HOLDER, IN-LINE, ATC/ATO
6		1 S702-1	CONTACTOR, STARTER, INT. DUTY

ITEM	USED ON	PART NUMBER	DESCRIPTION
5		1 LR3C-14	REGULATOR, 14 VOLT, W/ LOW VOLT LAMP
4		1 S700-2-3	SWITCH, MASTER
3		1 S701-1	CONTACTOR, MASTER, CONT. DUTY
2		1 BC116-1	BATTERY, SLA, 16 AH
1		1 FB6	FUSE BUS, 6 CIRCUIT

UNLESS OTHERWISE SPECIFIED

DIMENSIONS ARE IN INCHES
TOLERANCES ARE:
DECIMAL 0.XX = ±0.03
DECIMAL 0.XXX = ±0.005
ANGLES = ±0.5 DEGREES

ENGINEER TH DATE 5/08/07
DRAWN TH DATE 5/08/07
CHECKED
PROJECT

TITLE
B & C Specialty Products
P.O. Box B, Newton, Kansas 67114
BASIC ACFT ELECTRICAL SYSTEM - DAY/VFR, 14V

DRAWING NO. 001-510
REVISION DATE
SCALE FULL JOB NO. PAGE 0F