

System description (RAVEN II)

- 28V electrical system
- 70amp alternator (limited to 64amp continuous)
- 24V battery, located under the instrument console or left of engine.
- Battery relay
- Master Battery switch (controls the battery relay)
- Alternator control Unit (ACU) to detect, regulate and protect over/under voltage.
- Circuit breaker (CB) located in the front left seat

Type differences

- RAVEN I uses a 14V electrical system (28V is optional)
- RAVEN II uses a 28V system (standard)

Lighting

- Landing lights is wired via clutch switch, cannot be turned on when clutch switch is disconnected.

Non-Normal Ops**ELECTRICAL FIRE IN FLIGHT**

1. Master battery switch OFF
2. ALT switch OFF
3. Land immediately
4. Extinguish fire and inspect for damage

CAUTION

Low RPM warning system and governor are inop without alternator and battery power

ALT light on (Alternator failure)

1. Turn off non-essential electrical equipment
2. ALT ON, wait 1 second, ALT ON (reset overvoltage relay)
3. If light stays on, **LASAP**