

ROBINSON R44 RAVEN I/II NON-NORMAL PROCEDURES

Warning / Caution Lights		
Light	Condition	Actions
Oil	Loss of engine power or oil pressure	Check oil pressure gage and, if pressure loss is confirmed, ➤ LAND IMMEDIATELY. Stand-alone indication ➤ LASAP
ENG FIRE	Engine fire	➤ LAND IMMEDIATELY
MR TEMP	Excessive temperature of main rotor gearbox.	Stand-alone indication ➤ LASAP With other indications ➤ LAND IMMED.
MR CHIP	Metallic particles in main rotor gearbox.	Stand-alone indication ➤ LASAP With other indications ➤ LAND IMMED.
TR CHIP	Metallic particles in tail rotor gearbox.	Stand-alone indication ➤ LASAP With other indications ➤ LAND IMMED.
LOW FUEL	3 gallons of usable fuel remaining. Engine will run out of fuel after 10 mins at cruise power.	➤ LAND IMMEDIATELY
CLUTCH	Clutch actuator circuit is on	If light flickers or comes on in flight and does not go out within 10 seconds, ➤ Pull CLUTCH circuit breaker. ➤ LASAP With other indications: ➤ LAND IMMEDIATELY

ROBINSON R44 RAVEN I/II NON-NORMAL PROCEDURES

ALT	Low voltage and possible alternator failure.	<ul style="list-style-type: none"> ➤ Turn off nonessential electrical equipment ➤ Switch ALT off then back on after one second to reset ACU. <p>If light stays on,</p> <ul style="list-style-type: none"> ➤ LASAP
STARTER ON	Starter motor is engaged	<p>If light does not go out when ignition switch is released from start position,</p> <ul style="list-style-type: none"> ➤ Immediately pull mixture off and turn battery switch off.
LOW RPM (HORN)	Rotor speed below 97% RPM	<p>To restore RPM,</p> <ul style="list-style-type: none"> ➤ Immediately lower collective ➤ roll throttle on and, ➤ in forward flight, apply aft cyclic. <p>*Light is disabled when collective is full down.</p>
GOV OFF	Engine RPM governor is switched off	
CARBON MONOXIDE	Elevated levels of carbon monoxide (CO) in cabin.	<ul style="list-style-type: none"> ➤ Shut off heater and open nose and door vents. <p>If hovering,</p> <ul style="list-style-type: none"> ➤ land or transition to forward flight. ➤ If symptoms of CO poisoning accompany light, LAND IMMEDIATELY.
BRAKE	Rotor brake is engaged.	<ul style="list-style-type: none"> ➤ Release immediately in flight or before starting engine.