

BELL 206 - EMERGENCY PROCEDURES

ENGINE FAILURE

1. Enter autorotation immediately

TAIL ROTOR CONTROL FAILURE

A: Complete Loss of Thrust

1. Close throttle
2. Enter autorotation
3. Maintain minimum airspeed
50 knots (58 mph)

B: Fixed Pitch Failure

1. Adjust power to minimise excessive yawing
2. Adjust airspeed to minimise excessive yawing

FUEL CONTROL/GOVERNOR FAILURE

1. Control power with Throttle if engine overspeeds
2. Maintain RPM with collective pitch if engine underspeeds
3. Establish autorotation if power is too low or engine must be shut down
4. Prepare for power-off landing

HYDRAULIC SYSTEM FAILURE

1. Reduce airspeed to 61-69 knots (70-80 mph)
2. HYD BOOST c/b: ON (OFF if power is not restored)
3. Land as soon as practical and investigate
(A run-on landing at 10-15 knots (12-17 mph) is recommended)

GENERATOR FAILURE

1. Cycle GENerator switch. If power is not restored: OFF
2. All electrical equipment: OFF (to conserve battery)
3. Required electrical equipment: ON (only as needed)
4. Reduce altitude to below 6000 feet (1830 m)

BOOST PUMP FAILURE

1. Descend to below 6000 feet (1830 m)

CAUTION: UNUSABLE FUEL: 10 U.S. GALLS (38 LITERS)

ENGINE FIRE DURING START

1. Close throttle
2. Continue to motor engine with starter
3. FUEL VALVE switch: OFF

ENGINE FIRE DURING FLIGHT

1. Close throttle
2. Enter autorotation immediately
3. FUEL VALVE switch: OFF
4. BATTERY switch: OFF
4. GENerator switch: OFF
6. Execute autorotational landing

ENGINE AIR START

1. Establish steady autorotation
2. GENerator switch: OFF
3. Perform normal engine starting procedures

CAUTION: DO NOT ATTEMPT AIR-RESTART ABOVE 12'000 FEET (3660 M)

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RED LIGHTS

ENG OUT (audio and light)	Engine failure. Enter autorotation
BATTERY HOT	Land as soon as possible (Do not use helicopter battery for restart)

AMBER LIGHTS

ROTOR LOW RPM (audio and light)	1. Reduce collective pitch 2. Check throttle full open
TRANS TEMP	Land as soon as possible
TRANS PRESS	Land as soon as possible
TRANS CHIP	Land as soon as possible
ENG CHIP	Land as soon as possible
T/R CHIP	Land as soon as possible
FUEL FILTER	Land as soon as practical
A/F FUEL FILTER	Land as soon as practical
FUEL PUMP	1. Descend to below 6000 feet (1830 m) CAUTION: UNUSABLE FUEL: 10 U.S. GALLS. (38 LITERS)
FUEL LOW	Plan landing (approx. 20 Galls left)
BATTERY TEMP	1. Move battery switch to OFF until battery cools and light extinguishes 2. BATTERY switch: ON
GEN FAIL	1. Gen switch – RESET; then ON 2. If power not restored – Gen switch OFF 3. All unnecessary equipment off 4. Reduce altitude to below 6000 ft PA 5. Land as soon as practical
BAGGAGE DOOR	Land as soon as practical