

Cessna P210 Boldface

EMERGENCY ENGINE SHUTDOWN

1. Mixture - IDLE CUT-OFF
2. Fuel Selector Valve - OFF
3. Ignition Switch - OFF
4. Master Switch - OFF

ENGINE FIRE DURING START

1. Ignition Switch - START
2. Auxiliary Fuel Pump - OFF

If engine fails to start:

3. Ignition Switch - START (continue cranking)
4. Throttle - FULL OPEN
5. Mixture - IDLE CUT-OFF
6. Ignition Switch - OFF
7. Master Switch - OFF
8. Fuel Selector Valve - OFF

ELECTRICAL FIRE/CABIN FIRE

1. Master Switch - OFF

ENGINE FAILURE IMMEDIATELY AFTER TAKEOFF

1. Airspeed - 85 KIAS
2. Auxiliary Fuel Pump - HI

If engine does not recover:

3. Mixture - IDLE CUT-OFF
4. Fuel Selector Valve - OFF
5. Ignition Switch - OFF
6. Wing Flaps - AS REQUIRED
7. Master Switch - OFF

ENGINE FIRE IN FLIGHT

1. Mixture - IDLE CUT-OFF
2. Fuel Selector Valve - OFF
3. Dump Valve Control Handle - PULL OUT
4. Electrical Load - REDUCE
5. Airspeed - 120 KIAS (or more to extinguish fire)
6. Forced Landing - EXECUTE

FORCED LANDING WITHOUT ENGINE POWER

1. Airspeed - 90 KIAS (flaps UP)
80 KIAS (flaps DOWN)
2. Seat Belts - SECURE
3. Mixture - IDLE CUT-OFF
4. Fuel Selector Valve - OFF
5. Ignition Switch - OFF
6. Landing Gear - DOWN
7. Wing Flaps - AS REQUIRED
8. Door - UNLATCH PRIOR TO TOUCHDOWN
9. Master Switch - OFF when landing is assured

Cessna P210 Operating Limitations

WEIGHT LIMITS

Ramp: 4016 lbs

Takeoff: 4000 lbs

Landing: 3800 lbs

Baggage Area A: 200 lbs

Baggage Area B: 80 lbs

NOTE: Max combined baggage weight: 200 lbs

AIRSPEED LIMITS

V_{NE} – Never Exceed: 200 KIAS

V_{NO} – Max Structural Cruising: 167 KIAS

V_A – Maneuvering Speed

4000 lbs: 130 KIAS

3350 lbs: 119 KIAS

2700 lbs: 106 KIAS

V_{FE} – Max Flap Extended

1° to 10°: 160 KIAS

10° to 20°: 130 KIAS

20° to 30°: 115 KIAS

V_{LO} – Max Landing Gear Operating: 165 KIAS

V_{LE} – Max Landing Gear Extended: 200 KIAS

FLIGHT LOAD FACTOR LIMITS

Flaps Up: +3.8g, -1.52g

Flaps Down: +2.0g

MAXIMUM OPERATING ALTITUDE

23,000 ft

CABIN PRESSURIZATION LIMITS

Maximum Pressure Differential: 3.35 psi

ENGINE LIMITS

Max Engine Speed

Takeoff: 5 Minutes; 2700 RPM

Continuous: 2600 RPM

Max Manifold Pressure

Takeoff:

5 Minutes; 36.5 in. Hg to 11,000 ft

Continuous:

34.5 in. Hg; Sea Level to 3,000 ft

33.5 in. Hg; to 11,000 ft

32.5 in. Hg; at 13,000 ft

32 in. Hg; at 14,000 ft

31 in. Hg; at 16,000 ft

30 in. Hg; at 18,000 ft

28.5 in. Hg; at 20,000 ft

27.5 in. Hg; at 22,000 ft

27 in. Hg; at 23,000 ft

Max CHT: 460°F

Max Oil Temp: 240°F

Oil Pressure – Minimum: 10 psi

Normal: 30 – 60 psi

Maximum: 100 psi

Oil Capacity:

Sump: 10 quarts

Total (w/ filter): 11 quarts

Avoid continuous operation between 1850 and 2150 RPM above 24 in. MP.

PROHIBITED MANEUVERS

1. Aerobatic maneuvers, including spins
2. Flight into known icing
3. Landing with cabin pressurized