

ENGINE STARTING TIPS

During prime, aux fuel pump warning light may remain illuminated momentarily. Continue prime 3 to 5 seconds after light extinguishes. If engine does not fire after 5 to 7 seconds of cranking, repeat priming sequence and reattempt start. If engine fails to start after three attempts, allow starter to cool ten minutes before next attempt.

If engine fires momentarily but dies before or while moving mixture to rich, pull mixture off, engage starter, and push mixture slowly rich while cranking.

STARTING ENGINE AND RUN-UP

- Throttle Closed
- Battery, strobe switches ON
- Area Clear
- Mixture Rich
- Ignition switch Prime, then Both
- Mixture Pull OFF
- Starter Engage until engine fires
- Mixture Move full rich
- Mixture guard Installed
- Starter-On light Out
- Set engine RPM 50 to 60%
- Clutch switch Engaged
- Blades turning Less than 5 seconds
- Alternator switch ON
- Oil pressure within 30 seconds 25 psi minimum
- Avionics, headsets ON
- Wait for clutch light out Circuit breakers in
- Warm-up RPM 60 to 70%
- Engine gages Green
- Mag drop at 75% RPM 7% max in 2 seconds
- Sprag clutch check Needles split
- Doors Closed and latched
- Limit MAP chart Check
- Cyclic/collective friction OFF
- Hydraulic system Check
- Governor On, increase throttle RPM 101-102%
- Warning lights Out
- Lift collective slightly, reduce RPM Horn/Light at 97%