

# **PREFLIGHT CHECKS**

- Dome Lights.....**AS REQUIRED**
- Pitot Heat.....**OFF**
- AC power
  - Phase.....**AC PHASE**
  - Inverter.....**OFF**
- DC power
  - Voltmeter.....**ESS BUS**
  - Main Generator.....**ON+COVER**
  - Starter Generator.....**START**
  - Non-ESS Bus.....**NORMAL ON**
- Anti-Collision Lights.....**ON**
- Position lights.....**AS REQUIRED**
- Gov switch.....**AUTO**
- De-ice switch.....**OFF**
- Battery.....**ON**
- Low RPM Switch.....**OFF**
- Main fuel switch.....**ON**
- Hydraulic control.....**ON**
- Force trim.....**ON**
- Chip det.....**BOTH**
- Fire warning indicator light.....**TEST**
- Caution/warning lights.....**TEST**
- Altimeter.....**SET QFE/QNH**
- Radios.....**SET**
- Fuel quantity.....**CHECK**

# ENGINE START

- Radio **ATC** and **REQUEST START-UP**.
- Throttle.....**IDLE-START**
  - Idle release switch.....**DOWN**
  - Throttle.....**FULL OPEN**
  - Throttle.....**START POSITION**
  - Idle release switch.....**UP**
- Starter button.....**PRESS and HOLD**
  - Gas producer N1 15%.....**THROTTLE IDLE STOP**
  - Gas producer N1 40%.....**STARTER BUTTON RELEASE**
- Gas producer N1 70 %.....**THROTTLE FULL OPEN**
- Inverter.....**ON MAIN**
- Starter Generator.....**STBY GEN**
- Engine operation.....**CHECK**
  - EGT.....**400-60 °C**
  - Engine temperature.....**< 100 °C**
  - Engine pressure.....**80-100 PSI**
  - Transmission temperature.....**< 110 °C**
  - Transmission pressure.....**40-60 PSI**
  - AC.....**112-117 V**
  - DC.....**27-28.5 V**
- Pitot heat.....**AS REQUIRED**
- Radar altimeter.....**ON+SET**