

SCHWEIZER 269C-1 STARTUP/SHUTDOWN

COCKPIT CHECK

Tail Rotor Pedals: **ADJUST/SECURE**
Seat Belts and Shoulder Harness: **CHECK**
Collective Area: **NO OBSTRUCTIONS**
Control Frictions: **RELEASE**
Controls: **FREE**
Control Frictions: **ON**
Altimeter: **SET**
All Switches: **OFF** (beacon may remain on)
Circuit Breakers: **IN**
Throttle: **CLOSED**
Mixture: **IDLE CUTOFF** (pull/out)
Battery Switch: **ON**
Fuel Quantity: **CHECK**
Low Voltage Caution Light: **ON**
Low Fuel Caution Light: **OFF** (press-to-test)
Transmission Warning Light: **ON**
Tail Rotor Chip Detector Light: **OFF** (press-to-test)
Clutch Control Switch: **RELEASE** (down)
Clutch Light: **ON** (disengaged)

STARTING ENGINE

Fuel Valve: **OPEN** (push/in)
Throttle Friction: **ADJUST**
Carb Heat: **OFF**
Prime: **AS NEEDED**
Primer: **DOWN and LOCKED**
Magnetos: **BOTH**
Mixture: **FULL RICH** (push/in)
Beacon: **ON**
Position Lights: **AS NEEDED**
Throttle: **CLOSED**
Area: **CLEAR**
Starter: **ENGAGE** (disengage when engine starts)

CAUTION: Do not exceed 1600 RPM with rotor disengaged.

RPM: **1400 RPM**
Oil Pressure: **MINIMUM 25 PSI** (within 30 secs or shut down)
Alternator: **ON**
Avionics Master: **ON**
Instrument Master: **ON**

ROTOR ENGAGEMENT

Collective: **DOWN and FRICTION ON**
Pedals: **NEUTRAL**
Cyclic: **CENTERED and FRICTION ON**
Area: **CLEAR**
Engine RPM: **1500**
Rotor: **ENGAGE (1500-1600 RPM)**
Clutch Control Switch: **ENGAGE**

CAUTION: Do not add throttle during rotor engagement.

Clutch Light: **OFF** (engaged)
Clutch Guard: **CLOSED**

ENGINE GROUND RUN

Engine Speed: **2000 RPM**
Engine Oil Pressure: **CHECK**
Engine Oil Temperature: **CHECK**
All Warning/Caution Lights: **OFF**
Ammeter: **CHECK**
Radio: **SET**
Transponder: **1200** (sby/alt/grd)
Collective Friction: **RELEASE**
Collective: **15 inches MP and 2000 RPM**
Magneto: **CHECK** (125 max drop allowable within 5 seconds)
Carb Heat: **CHECK**
Collective: **FULL DOWN/2000 RPM**
Throttle: **CLOSE** (confirm needle split)
Throttle Override: **CHECK** (do not raise collective)
RPM: **2000**
Cyclic Friction: **RELEASE**
Cyclic Trim: **SET**
Tip Path Plane: **CHECK**
VNE: **NOTE**

Have a Safe Flight!

ENGINE SHUTDOWN

Collective: **DOWN and FRICTION ON**
Cyclic: **NEUTRAL and FRICTION ON**
Engine RPM: **2000 for 2 Minutes MIN and CHT < 300**

Throttle: **CLOSE**
Clutch: **RELEASE** (down)
Mixture: **IDLE CUTOFF** (pull/out)

Magnetos: **OFF** (after engine stops)
Alternator: **OFF**
Switches: **OFF** (except battery and beacon)

Battery: **OFF** (after clutch is fully disengaged)

POST FLIGHT REQUIREMENTS

- Brief PAX on exit safety.
- Shutdown in accordance with procedures
- Service aircraft as required.
- Notify maintenance of discrepancies.
- Secure aircraft as required.