

902. ENGINE START CHECK LIST

- _____ VERIFY THE RAW WATER SUCTION HULL VALVE IS OPEN
- _____ VERIFY THE EMERGENCY ALTERNATOR SWITCH IS OFF
- _____ COMPLETE ENGINEERING DIESEL ENGINE PMS R-1D USING THE ENGINE LOG
- _____ SELECT THE ENGINE PERKO SWITCH TO ON, OBSERVING:

4 SECOND AUDIBLE RACOR ALARM ACCOMPANIED BY LIGHT (ON THEN OFF)
HALON SYSTEM CHARGED LIGHT ON
- _____ VERIFY CLUTCH DISENGAGED, INCREASE THROTTLE TO 10:00 POSITION
- _____ ENERGIZE ENGINE ALARM ON SWITCHBOARD LISTENING FOR AUDIBLE ALARM
- _____ ENERGIZE ENGINE PREHEAT FOR 15 SEC
- _____ START ENGINE. CONFIRM ALTERNATORS ARE CHARGING THE BATTERIES, THEN REDUCE TO 1200 RPM FOR WARM-UP.
- _____ VERIFY OVERBOARD DISCHARGE

WARNING

**SHOULD ENGINE FAIL TO START WITHIN 15 SECONDS,
DISCONTINUE ALL STARTING ATTEMPTS AND REPORT THE
CONDITION TO THE OIC.**

- _____ VERIFY OIL PRESSURE NLT 10 / NMT 50 PSI
- _____ VERIFY COOLANT TEMP NMT 190 DEGREES
- _____ CHECK FOR LINES IN WATER NEAR TRANSOM
- _____ OPTEST TRANSMISSION IN AHEAD / ASTERN DIRECTIONS
- _____ RECORD COMPLETION IN CHECKLIST 901