

MCSO Lake Patrol Airboat Operations

Pre-Operative Walk-Around (before unparking)

Start at port side/pilot seat

Master switch	OFF
Ignition switch.....	OFF
Port side hull and gunwales.....	NO DAMAGE OR DEBRIS
Rudder control stick.....	FREE AND SMOOTH
Rudder control stick attach fittings	NO LOOSENESS
Throttle control pedal.....	FREE AND SMOOTH
Throttle control pedal attach fittings.....	NO LOOSENESS
Fire Extinguisher	ON BOARD, CHECK GAUGE
Batteries.....	UNCOVER, INSPECT, CHECK WATER!
Port gunwale non-skid strip.....	GOOD CONDITION
Left trailer wheel and tire	GOOD CONDITION
Engine port side	NO LEAKS, HOSES, IGNITION WIRING
Alternator and belt	CORRECT TENSION, GOOD CONDITION
Exhaust manifold port side	GOOD CONDITION
Radiator	CHECK FOR LEAKS, CHECK HOSES
Coolant expansion tank	HALF FULL, CAP SECURED
Fuel tank	FULL FUEL, CAP SECURED
Cage area port side	NO DEBRIS OR FOREIGN OBJECTS
Engine stand port side	NO CRACKS, BOLTS TIGHT
Port side radio antenna	IN PLACE, SECURE
Port side KC light.....	AIMED, GOOD CONDITION
Drain plugs	INSTALLED (FROM OUTSIDE!)
Propellers.....	NO DAMAGE, BOLTS TIGHT
Transmission	NO LEAKS
Rudders.....	FREE AND SMOOTH
Rudder and control attach fittings.....	NO LOOSENESS
Trim tab	SECURELY ATTACHED, FULL UP
Stern area	NO DAMAGE
Outer hull, polymer sheathing.....	NO DAMAGE
Bilge pump area	NO DEBRIS, CHECK OUTLET HOSE
Bilge pump outlet	NO OBSTRUCTION, CHECK HOSE
Cage area starboard side	NO DEBRIS OR FOREIGN OBJECTS
Backboard	SECURELY ATTACHED TO CAGE
Exhaust manifold starboard side	GOOD CONDITION
Engine stand starboard side	NO CRACKS, BOLTS TIGHT
Engine starboard side	NO LEAKS, HOSES, IGNITION WIRING
Engine oil level	CHECK
Fuel boost pump	NO LEAKS, FUEL LINES
Starboard KC light	AIMED, GOOD CONDITION
Starboard radio antenna.....	IN PLACE, SECURE
Starboard hull and gunwales	NO DAMAGE OR DEBRIS
Starboard gunwale non-skid strip.....	GOOD CONDITION
Right trailer wheel and tire	GOOD CONDITION
Throwbag and Type IV throwable.....	ON BOARD AND ACCESSIBLE
Headsets	ALL OCCUPANTS, FOUR DESIRABLE
PFDS	ALL OCCUPANTS, FOUR DESIRABLE
Medic Bag	ONE ON BOARD
Body Bag	ONE ON BOARD
PPE Box	ONE ON BOARD

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Pre-Towing Checklist

Master switch	OFF
Ignition switch	OFF
Trim tab	FULL UP
Boat winch	CONNECTED AND TIGHT
Boat safety chain	ATTACHED SECURELY
Trailer wheels and tires	GOOD CONDITION
Chocks.....	IN PLACE
Trailer hitch	ATTACHED AND VERIFIED
Hitch lock	CLOSED AND PINNED
Landing gear	UP (AND LOCKED IF APPLICABLE)
Safety chains.....	ATTACHED, NO KINKS
Lighting connector.....	ATTACHED, LIGHTS OPERATIVE
Chocks.....	REMOVED

Pre-Launch Checklist

Loose items and clothing.....	SECURE
Throwbag and Type IV throwable	ON BOARD AND ACCESSIBLE
Headsets	ALL OCCUPANTS, FOUR DESIRABLE
Eye Protection	ALL OCCUPANTS
PFDs	ALL OCCUPANTS, FOUR DESIRABLE
Body Bag.....	ONE ON BOARD
Passenger briefing	COMPLETED
Ignition switch	OFF
Master switch	ON
Headsets, ICS, and Communications	CHECK OPERATION
Siren and PA	CHECK OPERATION, STANDBY
KC lights	CHECK OPERATION IF NIGHT
Bilge pump.....	CHECK OPERATION, OFF
Auxiliary cooling fan	CHECK OPERATION, OFF
Ignition switch	ON
Fuel boost pump.....	CHECK OPERATION
ENGINE START	
Engine and transmission oil pressure.....	CHECK
Voltmeter	14 volts
Tachometer	CHECK OPERATION
Coolant temperature indicator	CHECK OPERATION
Boat winch	DISCONNECTED
Boat safety chain	DISCONNECTED
Launch vehicle 4-wheel drive	ENGAGED
Communications with launch vehicle.....	CHECK
Control stick and rudders	FREE RANGE OF MOTION
LAUNCH	

MCSO Lake Patrol Airboat Operations

Post-Recovery Checklist (before towing)

Ignition switch	OFF
Water in hull	REMOVE WITH BILGE PUMP
Master switch	OFF
Accessory switches	ALL OFF
Boat winch	CONNECTED AND TIGHT
Boat safety chain	ATTACHED SECURELY
Trailer wheels and tires	GOOD CONDITION
Trailer hitch	ATTACHED AND VERIFIED
Hitch lock	CLOSED AND PINNED
Landing gear	UP (AND LOCKED IF APPLICABLE)
Safety chains	ATTACHED, NO KINKS
Lighting connector	ATTACHED, LIGHTS OPERATIVE

Post-Operative Walk-Around (after parking)

Master switch	OFF
Ignition switch	OFF
Accessory switches	ALL OFF
Fuel	FILLED, CAP SECURE
Drain plugs	REMOVED, STORE ON PILOT'S SEAT
Debris in hull and cage areas	REMOVED (SEE BEFORE CAGE CHECKLIST!)
Trash and empty water bottles	DISCARDED
Headsets	STOWED
PFDs	STOWED
Throwbag and Type IV throwable	STOWED
Siren and PA	OFF
Instrument panel and ICS control	COVERED
Radios	COVERED
Boat winch	CONNECTED AND TIGHT
Boat safety chain	ATTACHED SECURELY
Chocks	IN PLACE
Hitch lock	OPEN AND PINNED
Safety chains	REMOVED
Lighting connector	REMOVED
Landing gear	DOWN
Trailer hitch	DETACHED AND WELL CLEAR OF BALL
Water in hull	DRAINING OUT OF PLUG OPENINGS

Before Entering Cage

Master switch	OFF
Ignition switch	OFF AND KEYS REMOVED!
Primary cable at master switch	REMOVED
Engine and exhaust manifold	COOL