

Revised 5/10/21 at 1015 hrs.

Need/have:

12 ft., 8 gauge jumper cables — 12 volt Boat's Battery

Grant's axle jack

Gasoline containers. One (new) 5-gallon, one 2.5 gallon (vent fixed) and the black tank in boat.

Dowels for dip stick in boat and a long one if needed.

Small saw to cut replacements if needed.

Plugs (drill bits) and "C" clamps for fuel line?

NOT a new fuel filter Sierra 18-7845

License plate for trailer. Phillips screwdriver.

MO 7113 AG Registration stickers, Exp: 2022, sticker #G087234

Paper towels 1 roll for oil leaks

Tire pressure gauge

Garden hoses (Sherrie's 2)

Fire extinguisher

Starting fluid in spray can

Cinder block for wheel ramp.

Grant's small tool box.

Clamp for prop shaft.

**Goal 1** is to purge old spoiled(?) gasoline from MacSkier's fuel system, then put some fresh gasoline in the tank and run the engine long enough to "prove" it is operating satisfactorily.

**Goal 2** is to locate and clean up minor oil leak and determine if it can be stopped.

**Goal 3** is to prepare boat for storage — for unknown period of time.

MacSkier's fuel tank is 20 gallon capacity, 18 gallons usable.

How much gas is now in the tank?

Tilt port side of trailer and boat up so gasoline in tank can be measured with dip stick. I have an axle jack in my car.

Use a dip stick to measure. There are some wood dowels in the boat. Use them (also, take one that Grant has) — to determine amount of gas in tank..

Is there any way we can see into the tank? It would be nice to know the condition of tank's interior. The tank was cleaned and inspected (treated?) by West End Auto in Ellisville as recommended by Mark Schenberg, Car-Doc. "Good for 20 years."

Use 12v electric fuel pump to remove the old gas.

Consider using the boat's fuel line to engine — when disconnected would we have to "clamp" or "plug" the open end? What items are needed?

NOTE: There is an anti-syphon valve in fuel line.

Using boat's fuel line would result in two gallons remaining in tank.

What containers are needed?

Grant has an empty 2.5 gal container with spout. (Grant plugged vent hole with thumb screw.) Is that enough fuel to put in an empty tank and cover the boat's pick up? Yes but only 1/2 gallon would be usable.

We can dispose of some of the old gas by mixing it with fuel in Grant's RAV4 tank and driving it?

To run MacSkier on its trailer:

Connect the PVC fitting as follows

Supply city water via a garden hose at threaded fitting "A."

Connect barbed fitting "B" to engine's cooling water inlet (on aft port side of engine.)

Connect "excess water" garden hose to fitting "C" and run overboard.

Start engine (using starting fluid if needed) and run engine as desired with propeller clamped to prevent dry rotation of prop shaft.

Can engine be run until carburetor is dry?

(I've done this in past on an engine I can't remember. Engine speeds up as mixture leans out.)

NOTE

Boat trailer has surge brakes, To back up, either connect to car with 5 pin connector or pin the surge cylinder to deactivate brakes.

## **ACTION – ACTION – ACTION – ACTION – ACTION**

1. Phoned Sherrie, acquired permission to use driveway, water and two hoses to run MacSkier on Tuesday, May 11, 2021.
2. Phone BEST, request boat be on lot on that date..
3. Put license (permanent) plate on trailer, use RAV4 to connect to trailer in BEST lot and measure gas in tank using dowels.
4. Current MO state license number sticker is #G087234, expiration date is 2022.(Confirmed at License office, 5/6/21)
5. Wipe oil from hull interior, put paper towels in plastic bags.
6. Remove “stale” gas from boat’s tank and put it in 5 gallon container.
7. If stale gas exceeds 5 gallons, put some of excess in RAV4. Save last 5 gallons and dispose of at County Brake in Kirkwood.
8. Tow boat to gas station that has an air pump.
9. Inflate tires to \_\_\_\_\_ psi. (per specs on tires)
10. At gas station, purchase 3 gallons of fresh, highest octane gasoline and put it in boat’s tank.
11. Tow boat to Sherrie’s driveway (81 Fairview).
12. Connect two of Sherrie’s garden hoses to hydrant by garage and Grant’s “fitting.”
13. With fire extinguisher at hand, use starting fluid to start engine.
14. If/when engine starts, run for few minutes in driveway.
15. Tow the boat to gas staton, add gas (?) and Sta-bil to tank.
16. Drain cooling system and return boat to Best.
17. Take boat battery to Grant’s office. Keep it charged. Battery is a “Group 75”. Cost at Auto Zone is \$149 less \$18 core. Same size battery is Walmart’s “EverStart” Lead Acid for \$54.88 (12 Volt/559 CCA)
18. Return boat to BEST.