AERIbago

OPERATIONS MANUAL

Note: There is a file in the first drawer containing many users manuals.

DISCONNECTING THE 'BAGO FROM THE BUILDING

Turn off the AERI:

'SKill' in the AERI drawer icon

CNTL-ALT-DELETE > SHUT-DOWN

Shut off power strip for all of AERI – rear of rack

Pack the monitor

Store and lock the keyboard/mouse

Turn off the hatch controller and its UPC

Turn off the 50 amp main circuit in panel under bench

Disconnect the power, phone and network cables from corner of building

CONNECTING THE 'BAGO TO THE BUILDING (opposite of above)

Note: before parking the 'Bago for extended period fill the gas tank. Add Seafoam (one ounce per gallon of gas) and run both generators to ensure treated gas gets to carburetors to eliminate nasty gum build-up.

STARTING WINNEBAGO ENGINE IF / WHEN CHASSIS BATTERY IS DEAD

Press and hold auxiliary start switch (on dash)

Turn key as usual

OIL LEVEL CHECK

The crankcase oil dipstick (under hood) is very long and very hot

FUEL

The tank holds 78 gallons. The fill is at the left rear. Use unleaded 87 octane

Use the UW Fleet Gas Card or Purchasing Card (second choice) in the yellow key fob

Give receipts with project number to Gretchen (SSEC Purchasing)

IN CASE OF ACCIDENT

Report immediately all incidents involving bodily injury to:

Margaret Hoffman (UW Risk Management), 608 262-0379 work, 608 271-3665 home

Regardless of how minor the damage, the local law enforcement agency must be called before leaving the scene of the accident.

There is a copy of the UW System Certificate of Coverage and a vehicle incident report in the AERIbago glove box.

SEATS

Function	Control location
Slide forward/back	left
Recline	right upper
Swivel	right lower

GENERATORS

Plug the 50 amp power cord into the generator receptacle for generator to be used

Turn OFF or disconnect any appliances (e.g., the air conditioner)

Press and hold the generator start button (on dash) until the generator runs smoothly

Warm up for a few minutes

Apply electrical loads

HEART INTERFACE

Turn off when there is no power. Turn on when there is 110 VAC power. When on, place in 'steady on' mode by toggling the on/off switch three times. In this mode the three auxiliary batteries are being charged and the inverter makes 110 VAC from the auxiliary batteries if there is interruption of 110 VAC power. This could be handy when it is important to have uninterrupted power to key instruments during data observations.

AIR CONDITIONERS

Turn on only when there is 110 VAC from shore or from generators.

GRAND PAVILLION AWNING

Untie the highway straps at top of both arms of awning

Place lever at top of both arms into 'unroll' mode

Open latch midway up both arms

Using special hook stored in 'Bago near tool box, unroll awning by inserting hook into strap at center of awning

Slide supports out to end of arms

Extend arms to the marked hole

LP TANK

Read gauge on tank

Go to Ferrellgas on Stoughton Rd. (or equiv.) with P-card for fill

FURNACE

To turn on:

Open the gas valve on LP gas tank (in outside compartment near entrance door)

Turn on the furnace at the thermostat (on wall at entrance door)

Set to desired room temperature Note: there's a slight delay before furnace responds

To turn off: Turn off furnace Close gas valve

LEVELING JACKS

Leveling procedure:

Park vehicle on solid flat surface

Turn off engine

Engage parking brake

Chock wheels

Place jack pads under levelers

Turn on ignition

Turn on leveler power (left of driver's seat)

Move front and rear store control levers to "OPERATE"

Swing jacks to vertical position by moving center control lever forward then backward (corner light goes on)

Level vehicle by moving center control lever toward yellow light (yellow light indicates low) until all are off

Turn off leveler power

Turn off ignition

Retracting procedure:

Turn on ignition

Turn on leveler power (left of driver's seat).

Move front and rear store levers to "STORE/TRAVEL".

Turn off leveler power

Inspect to ensure all hydraulic levelers are raised

Store chocks and jack pads

Turn off ignition

KWIKEE STEPS

Deactivate step while parked with switch near entrance door (Step will always retract when ignition is switched on)

RADIO / CD PLAYER

See users manual

REFRIGERATOR

Plug the AC cord into a wall outlet when there is 110 VAC power. There's no 12-volt or gas option for the. There's no temperature control.

KEYS

There are two sets of six keys (the yellow fob, kept in room 541 and the blue fob, kept in room 448)

Marking	Function
GM	ignition
WBH FT 133	driver's door
TRIMARK TM247	entrance door lock
TRIMARK 5054	entrance door deadbolt
Briggs & Stratton 152B	all outside compartments
Southco (round key)	hood

There's a spare key for entrance door on the wall in the dock area.

The antenna tower

Note: attach all the antenna components to the tower while it is in horizontal position then lift the tower to vertical and secure it at the top unistrut channel

Install the two shelf brackets into the two unistrut channels on rear of 'Bago

Fasteners: (2) ½-13 x 1.0 hex head bolts, washers

Tools: ¾ socket

Unbolt forward leg of aluminum tower so tower can be pivoted on the base plate

Tools: 7/16 socket

Install tower base plate onto the two shelf brackets with tower tipped back 90° from 'Bago resting on the five-foot step-ladder

Fasteners: (4) ½-13 x 1.0 hex head bolts

Tools: ¾ socket

Install components onto tower:

Secure anemometer base onto top of anemometer mast so that the black controller box will face south

Tools: 7/16 socket

Ground system

Install ground point onto mast

Fasteners: (4) ¼-20 x 2 hex head bolts, washers

Tools: two 7/16 sockets

Install ground rod into soil

Note: consult local hosts re: location and removal of 8' rod

Attach ground wire to ground point, tower legs and ground rod

Fasteners:

Temperature / humidity sensors

Mount the boom onto the tower at 110 inches from the base

Tools: 7/16 socket

Place the T/H sensor probe into the holder and replace the protective cover

Tools: 5/16 socket or screw flat-blade screw-driver

Sonde antennas

Mount the boom onto the tower 58 inches from the base

Fasteners: (2) ¼-20 x 1.5 ID x 3.25 deep u-bolts

Tools: 7/16 socket

Mount the GPS antenna onto the boom

Fasteners: (4) ½-13 x 2 hex head bolts, washers, nuts

Tools: (2) ¾ sockets

Mount the data antenna onto the boom

Fasteners: (1) 3/8-16 x 2.5 ID x 3.25 deep u-bolt, washers, nuts

Tools: 9/16 socket

Bundle, secure, feed and connect all cables

Anemometer

T/H sensors

Sensors blower

Sonde GPS

Sonde data