SAMPLE
Animal Transport Vehicle

Animal Transport Vehicle Considerations

- Type of vehicle - (towed or internal cargo space)
- Needed capacity of vehicle – (number, sizes, species of animals)
- Weight capacity of vehicle - (weight limit, suspension)
- Engine type - (gasoline or diesel)
- Internal environment control - (AC, heating, capacity)
- Electrical requirements - (alternator capacity, generator)
- Cargo space monitors - (CO, temperature, camera)
- Lighting - (external, internal)
- Insulation - (sound deadening, temperature, driver barrier)
- Ability to sanitize - (waterproof/hose down, spot clean/mop) materials
- Caging style - (permanently installed, crates) or both, tie downs type
- Other cargo needs (cleaning supplies, food, water, med kit etc, see supply list addendum)
- Operator requirements - (large vehicles may require special licensure, see individual states where operating) number of staff.
- Vehicle security - (Alarms, locks) storage where-on site or off - garage - longevity

Animal Transport Vehicle Buildout Considerations

- Insulated floor mat and additional alternator but not factory installed rear air
- Heating and air rooftop units that are powerful enough to handle:
  - Exterior temperature
  - Interior temperature including animals body temperature x number of animals on board
- Long wheel base, raised roof vehicle
- 3.2 liter Diesel engine
- SLR 65 heat / cool unit includes:
  - Dual Compressor mount & drive kit (BSI)
  - Basic SLR Roof mount install kit
  - Standard (3 speed blower & thermostat controls)
  - Combined water valve and 12v boost pump assembly
  - TM 16 compressor with 8 rib poly groove belt & 119 diameter clutch
  - Refrigerant R134A
  - Refrigerant A/C hose and fitting kit along with required cover panels
  - Specs:
    - Max BTU / hr. / KW
    - Evaporator Air Flow
    - Amperage requirements 12VDC
- 66,000 BTU / IMACA/ BTU / hr (estimated)
- 1,000 CFM]
- 65 Amp

- Exterior lights on side and rear so that the parking area can be illuminated at night
- Interior LED strip lights along the wall on the opposite side of the kennels so you can easily view the animals
- Horizontal galvanized E track that supplies/crates can be easily attached
- D rings in floor to add additional securing points
- Floors in durable surface, Diamond plate or spray on bedliner to create disinfectable surface
- Insulation on ceiling, walls, and especially floor because of heat from the road – can use professionally installed spray foam covered in bedliner or durable washable walls insulated underneath
- Cameras in the interior of the van from a rear and front angle – 7” monitor in cab
- Bulkhead between seat and rear of van
- Extra grab handles for ease getting in and out of van
- Runner board step
- Helper springs – leaf spring suspension enhancer
- Caulk/seal interior – waterproof if not using spray foam