



Alabama Department of Public
Safety
Motor Carrier Safety Unit

Sergeant Ira Jay Whitehead

May 5, 2010

Auxiliary Power Unit

- Auxiliary Power Unit / Idle Reduction Technology
- Called an APU
- Runs AC / Heat power w/o the vehicles engine idling
- Federal EPA of 2005



4*0560

2,000,000 SAFE MILES
WAL-MART
SAFETY-COURTESY-PRIDE

CULLMAN, AL
LOCATION 8808

AL*MART
TRANSPORTATION LLC
BENTONVILLE, ARKANSAS

US DOT 063585
MC NO 311233
KYU 052486



APU UNIT



AUXILIARY POWER UNIT

APU

- Several manufacturers
- Normally mounted as shown in the slides
- Must be fully functional
- Vehicles may be retrofitted

32-9-20(b)

- (b)(1) allowed 400 pounds total to the
- GROSS
- AXLE
- TANDEM
- OR
- BRIDGE Formula Weight Limits

32-9-20(b)

- (b)(2) To be eligible for exception
- Operator must provide written proof
- Or Certification of the APU's
- WEIGHT
- And
- must DEMONSTRATE or CERTIFY that the APU is fully functional

32-9-20(b)

- (b)(3) written proof or certification of the
- APU's weight must be available to officer
- If the vehicle is found to be Overweight
- Weight allowed for APU cannot exceed
- 400 pounds or the actual weight proven or
- Certified, whichever is less

APU

- If you encounter a vehicle that is OW
- Check for an APU
- If they have one ask for certification
- They get 400 lbs if they have certificate
- Law became effective on the date
- Governor signed the bill