



**November 25, 2005**  
Here's my revised T-189DD design based on a single axle T-189, the T-139 galley units, and the sleeping capacity of a T-160. Dual Dinettes with adult bunks provide seating, dining, and sleeping options. The front dinette cushions can easily be replaced with a queen mattress for a permanent bed. A slide-in panel covers the opening under the front dinette table when it is in the bed position creating a permanent look. The rear dinette can be omitted leaving room for two swivel chairs and portable table. Windows at the entry and in the bath provide light, ventilation, outdoor monitoring, and promote interior spaciousness as do the counters and overhead cabinets in the entry area.  
**Dr. Wes Leggett**  
wes@wesleggett.com



### Design Goal

There are **families** with growing kids (some adult-sized, like ours) who are either not able or not wanting to tow a large trailer.

There are **couples** and **future empty nesters** who want a permanent queen bed and a dry bath in a super compact and easy to tow trailer.

There are those who want **panoramic rear windows** to enjoy scenic views, natural light, ventilation, and to monitor outdoor activities.

### Design Notes

A **front entry door** allows backing tires flush to the campsite parking block so the rear extends over the typical drop-off (where a rear entry door is at a disadvantage) and **swings open flush** under the awning. The stool, shower, lavatory sink, and galley sink are close to the entry and centralized for **minimal plumbing** (less materials and water waste) for **nearly instant hot water and showers**. The **24" x 32" step tub** (to accommodate the wheel well) is larger than the current T-189 and has a **skylight dome** for additional headroom. A **Fantastic Fan** above the lavatory offers **12v hair drying** utilizing the mirrored medicine cabinet. The **47" high counters** along the center aisle house the **3 cu. ft. 3-way refrigerator**, the **16K BTU furnace** with **sliding drawers** above, a total of **34" x 46" hanging wardrobe space**, and a total of **70" long spacious countertop area**. A **20" tall 5 gal. insulated drinking water container** can sit on the open countertop next to the entry door for handy access. An **optional 1.1 cu. ft. microwave** is located over the fridge in place of the overhead cabinet. The **45 amp power converter** is located floor level under the range leaving room for an **optional oven**. **Fantastic Fans** over both the front and rear dinette/beds provide additional air movement for diners, game players, loungers, and sleepers. A **fabric privacy curtain** cordons the master suite from the entry and activity area. The **large gray and black holding tanks** discharge in front of the street-side tire. Interior switches control the **exterior GFI outlet** and **battery cutoff**. A front tongue tray holds **dual 6v golf batteries** and a **30 lb. LP tank**. **Three outside baggage doors** provide access to the under seat storage areas and are not blocked by the awning poles.