How do you say "Holy cow" in French? The fastest thing in France may just be the fastest ground transportation in the world. The TGV (Train à Grande Vitesse: French for very high speed) is France's national high speed rail service. On April 3rd, 2007, a TGV test train set a record for the fastest wheeled train, reaching 357.2 miles per hour. In mid 2011, TGV trains operated at the highest speed in passenger train service in the world, regularly reaching 200 miles per hour. But what you may find most shocking is that TGV trains run on electric power not petrol. Now if you'll excuse me; I have a record to catch.