

THE TOMAHAWK TX
&
THE QUEST FOR WORLD DOMINATION



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THE TOMAHAWK TX **&** ***THE QUEST FOR WORLD DOMINATION:***

The *TOMAHAWK TX* stands as the only ICE design based on a well-defined novel set of operating principles objectively projectable to shatter all known ICE limits on both power density & BTE.

DAY ONE a running prototype verifies this fact anywhere within the realm of these projections (See *TTX ENGINE SPEC & TECH*) many world records will sit precariously in the crosshairs of the mighty *TOMAHAWK TX*.

What follows are just two examples:

1 - LAND SPEED RECORD:

The *Thrust SSC* or Thrust SuperSonic Car is a British jet car developed



by Richard Noble, Glynne Bowsher, Ron Ayers, and Jeremy Bliss. The *Thrust SSC* holds the world land speed record, set on 15 October 1997, and driven by Andy Green, when it achieved a speed of 1,228 km/h (763 mph) and it became the first and only land vehicle to officially break the sound barrier.

That record stands to this day.

The *Thrust SSC* has a curb weight of 10.6 tons (21,200 lbs.).

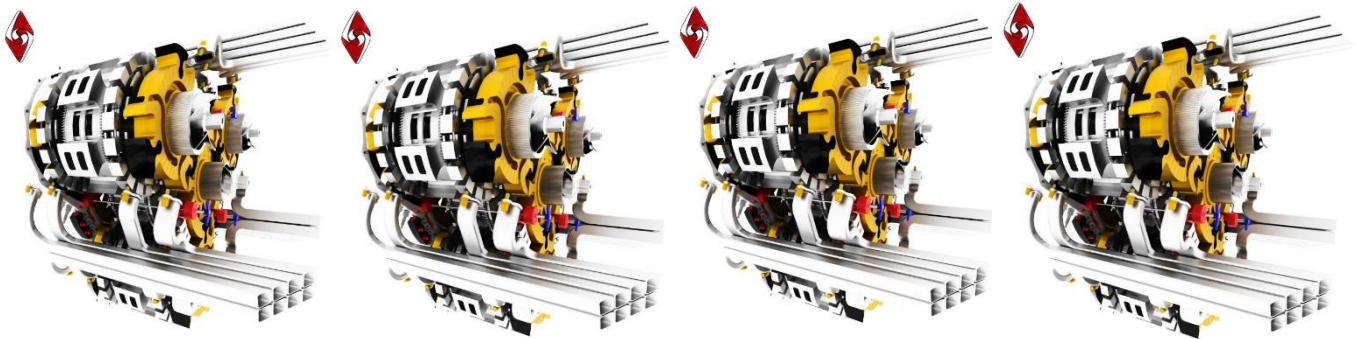
It is powered by two Rolls Royce Spey 202 Turbofan Jet engines producing a total of 44,000 lbs. of thrust. The combined shaft horsepower (shp) of these engines comes in @ 12-14,000 max. Each engine has a dry weight of 4,093 lbs. At full thrust (afterburner on) the estimated BTE is approximately 15-18%.

So defines the target.

PROJECT NAME: OPERATION SHATTERED HORIZON

CAR NAME: The TOMAHAWK SSC (supersonic car)

PARAMITERS: The *TOMAHAWK SSC* will be equipped with no less than four (4) *TTX* engines able to supply instant torque & 30-35,000 total SHP.



The SHP will then be efficiently converted to 85-90,000 lbs. of thrust powering two (2) multi-stage ducted fan units each equipped with F-16 style variable nozzles to control hypersonic exit velocities as needed.



These hypersonic multi-stage ducted fan units will be able to move mass air in & out much more efficiently than the *Thrust SSC* in part because the engines will not be in the path of the airflow.

Directly due to the projected shattered world record power density & BTE of the *TTX* engines the *TOMAHAWK SSC* will be able to combine a cut in curb weight of 50% while doubling the thrust increasing the thrust to weight ratio from around 2:1 to 8:1. This will be accomplished @ 3.5-4 times the BTE of the *Thrust SSC* making it the most environmentally friendly hypersonic project in human history.

These parameters, even if only majority achieved, will be enough to rocket the *TOMAHAWK SSC* well past the sound barrier at speeds exciding 800 MPH to as high as 900 MPH shattering the current record and bring the land speed crown back to America.

#2 - GLOBAL NON-STOP FLIGHT:

The Scaled Composites Model 311 Virgin Atlantic GlobalFlyer is an



aircraft designed by Burt Rutan in which Steve Fossett first flew a solo nonstop airplane flight around the world in slightly more than 67 hours (2 days 19 hours) in 2005. The flight speed of 342 miles per hour (550 km/h) set the world record for the fastest nonstop non-refueled circumnavigation.

So defines the target.

PROJECT NAME: ***OPERATION GLOBAL HORIZON***

AIRCRAFT NAME: ***The TOMAHAWK OC (orbitcraft)***

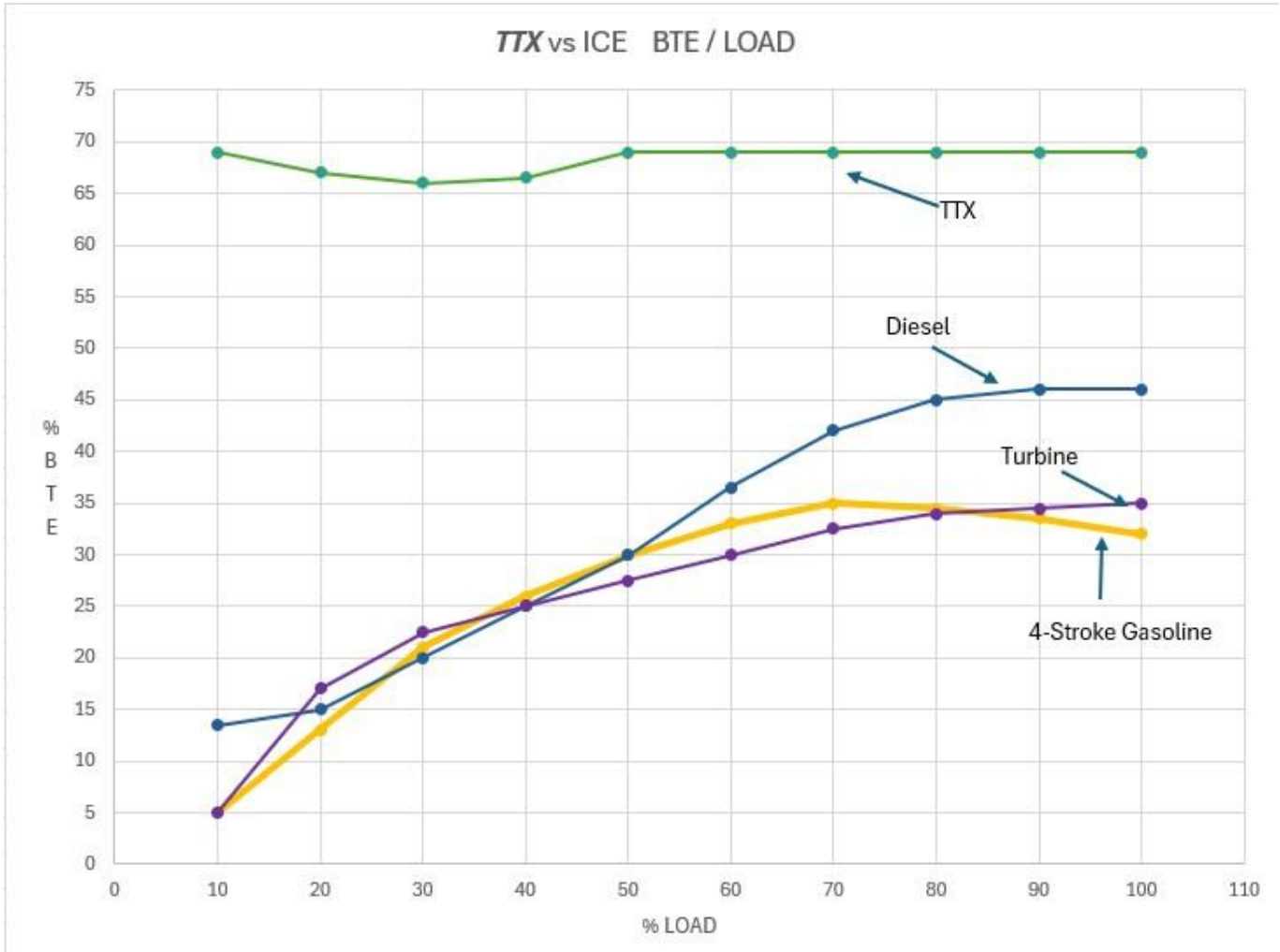
PARAMITERS: The *TOMAHAWK OC* will be equipped with two (2) *TTX* engines able to supply instant torque & 15-18,000 total SHP. That power will then be efficiently converted to 42-45,000 lbs. of thrust by powering one (1) multi-stage ducted fan unit similar to that developed for the *TOMAHAWK SSC*.



This will allow the *TOMAHAWK OC* to achieve a subsonic speed of over 700 MPH with a full load of fuel. The takeoff fuel load will be reduced by 50% due to the record high BTE of the *TTX* engines. The *TOMAHAWK OC* will be equipped with a wing design that will allow for drag to be actively reduced as the fuel load is reduced.

This arrangement will allow the *TOMAHAWK OC* to circumnavigate the globe in a circuitous orbit non-stop without refueling at an average speed over 700 MPH shattering the current record.

At that point the next goal would be to achieve a global supersonic non-stop non-refueled flight which could only be possible, in practical terms, with the advent of the *TOMAHAWK TX* engine.



TESLA: "When I get an idea, I start at once building it up in my imagination, I change the construction, make improvements and operate the device in my mind. It is absolutely immaterial to me whether I run my turbine in thought or test it in my shop. I even note if it is out of balance. There is no difference whatever; the results are the same."

"MY TURBINE!"

