

FERRARI 599 GTB Fiorano

The 599 GTB replaces the 575M Maranello and is named for the 5.99 liter V12 that produces 620hp and 448 lbs. of torque. This incredible engine is specially cast, x-ray checked, and hand-built in the Maranello factory. The aluminum body and chasis cuts the weight of the car to a super-light 3483 pounds, and this allows the motor to throw the Fiorano from 0-60mph in 3.7 seconds, with a top speed of 205mph. The transmission is controlled by the SuperFast F1 gearbox with steering-mounted paddle-shifter and LED rev indicator, and a computer-controlled traction control aids the driver in handling the incredible maneuverability the car is capable of.



The interior is the usual combination of function and luxury that Ferrari owners expect. Hand-crafted leather and carbon fiber accents combine with the electronic displays to give a comfortable and modern look to the 599. A central grip is provided for the passenger, and if one truly uses the car to its full potential, it is a feature to be used. Dusk and rain sensors activate windshield wipers or the bi-xenon headlamps. Dual-zone climate control, an electrically adjustable steering wheel, and hideaway radio/CD player complete the luxury.

PM	RED	CRUISE	MAX	RANGE	FORCE	STRUCT	COST
+2	2	110	200	200	2	8	\$225,000

GAME INFORMATION:

The 559 GTB gains a +2EF to Pursue/flee maneuvers and loses -1EF for Trick maneuvers.

Q Evaluation:

A wonderful piece from Ferrari! These cars are instant classics: expensive, brutally fast, pretty, and with no practical value. Still...I want one! Captain Michael Roberts



FERRARI 612 Scaglietti

Introduced in 2005, the Scaglietti is Ferrari's latest GT offering. Powered by a 534 horsepower / 434 ft-lbs torque producing 5.7 liter V12 engine, the car is fast and responsive. It will sprint from 0-60mph in 3.8 seconds, and reach a top speed of just under 200mph.

It is also comfortable, with dual climate control, power adjust headrests, reverse-sensing warning system, automatic headlights, with most of the controls mounted on the steering wheel. Steering is lighter than on the 575M and the 559, allowing the driver to throw the 4100 pound auto around with ease.

PM	RED	CRUISE	MAX	RANGE	FORCE	STRUCT	COST
+2	2	120	196	190	2	7	\$235,000

GAME INFORMATION:

The 612 Scaglietti gains a +2EF to Pursue/flee maneuvers and loses -1EF for Trick maneuvers.

FERRARI 360 Modena

The 360 was the predecessor to the F430 and followed the 355 in production. Made from 1999 to 2004, the 360 was a mid-engine 3.6l V8, rear-wheel drive with an F1 electrohydraulic transmission. Capable of reaching 60mph from a stand-still in 4.6 seconds, the 360 had a top speed of about 186mph. Handling was superb, but gets tricky near the edge of its lateral acceleration ability.

The Pininfarina design is softer than the 355, and the chassis is constructed exclusively of aluminum to reduce weight. While not as desirable as the front-engine GT designs of the 550 and 575M, the Modena is an excellent vehicle and cut a new direction for Ferrari's V8s.



PM	RED	CRUISE	MAX	RANGE	FORCE	STRUCT	COST
+2	2	110	186	190	2	6	\$200,000

GAME INFORMATION:

The 360 gains a +2EF for Pursue/Flee and a -1EF on Double Back and Trick maneuvers.

GIBBS AQUADA

This ingenious vehicle is an amphibious car constructed by Gibbs Technologies in England. It uses a 175hp V6 engine and five-speed gearbox to dirve the vehicle up to 100 mph on land and 30 mph in the water. The computer-controlled suspension is self-leveling, using air/oil hydraulics. When in the water, the wheels fold up into their wells, an the patented Gibbs aquajet, providing nearly a ton of thrust, kicks in. To meet boating standards, the car has a construction that makes it buoyant even if swamped, and three bilge pumps work to keep the interior dry. There is even fire-suppression systems in the engine compartment.



Operation of the vehicle is like that of a normal standard-shift automobile. On entering the water, the driver simply hits a button and the transition to 'high speed amphibian' (HSA) mode is achieved – the wheels are folded in and the aquajet activates. On leaving the water, the process is reversed. Changeover takes twelve seconds, according to the company.

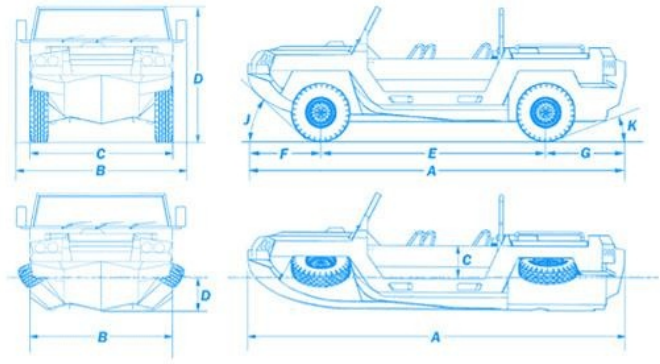
PM	RED	CRUISE	MAX	RANGE	FORCE	STRUCT	COST
-1	5	50	100	150	2	7	\$60,000
+1	4	15	30	75			

GAME INFORMATION:
The second rating is for the Aquada in HSA mode.

Q Evaluation:
An interesting vehicle, similar in concept and execution to an early Q Department vehicle. With a little tweaking, this could be a fabulous field vehicle. Q

GIBBS HUMDINGA

This ingenious vehicle combines a full-time four-wheel drive off-road vehicle with the amphibious technology of Gibbs Technologies' 'high speed amphibious' Aquada. The Humdinga – or as the US Navy is calling it, the High Speed Amphibious Vehicle (HSAV) – can carry five passengers and 2000 pounds of gear (3300 lb total payload) on or off-road, as well as become a marine vehicle, allowing it to access remote and hostile areas.



It uses a 350hp V8 engine and five-speed gearbox to drive the vehicle up to 100 mph on land and 40 mph in the water. The computer-controlled independent suspension is self-leveling, using air/oil hydraulics. When in the water, the wheels fold up into their wells, and the patented Gibbs aquajet, providing over a ton of thrust, kicks in. To meet boating standards, the car has a construction that makes it buoyant even if swamped, and three bilge pumps work to keep the interior dry. There is even fire-suppression systems in the engine compartment.

Operation of the vehicle is like that of a normal standard-shift automobile. On entering the water, the driver simply hits a button and the transition to 'high speed amphibian' (HSA) mode is achieved – the wheels are folded in and the aquajet activates. On leaving the water, the process is reversed. Changeover takes twelve seconds, according to the company.

In 2007, the United States Navy announced a plan to procure some of these vehicles for the SEAL teams.



PM	RED	CRUISE	MAX	RANGE	FORCE	STRUCT	COST
0	5	50	100	300	3	9	\$60,000
0	4	15	45				

GAME INFORMATION:

The second rating is for the Humdinga in HSA mode.

Q Evaluation:

We had been working on something similar to this craft in the past. According to Gibbs and the US Navy, there is a plan to field some of these vehicles with the Navy's elite SEAL teams. Our SBS boys are now looking at them, as well. Capt. Michael Roberts

GIBBS QUADSKI

This ultimate recreational vehicle is produced by Gibbs Technologies in England. It uses the company's amphibious technology first seen on their Aquada automobile. The Quadski is a 4x4 ATV that transforms into a jet ski with the flick of a button.



Using a 175hp V4 engine, the Quadski is capable of 50 mph on land or on the water. The computer-controlled suspension is self-leveling, using air/oil hydraulics. When in the water, a quick press of a button and the wheels fold up into their wells, and the patented Gibbs aquajet kicks in. Transition takes a swift ten seconds.



PM	RED	CRUISE	MAX	RANGE	FORCE	STRUCT	COST
+1	4	20	50	150	1	3	\$60,000

GAME INFORMATION:

The Quadski gains a +1 on trick maneuvers on land, and a +1 Quick Turn on water.

Q Evaluation:

A rather logical extension of the ATV and watercraft trends. We've been looking at fielding it for military and special operations missions. Q

2008 XKR COUPE

The new XKR coupe continues to refine the look and performance of the XK line introduced in the 1990s. Powered by a 420-hp supercharged 4.2 liter V8 engine, the XKR has an acceleration of 4.9 seconds to reach 60mph from a stop, with a top speed of 174mph. The XKR has a 6-speed ZF automatic transmission with Jaguar Sequential Shift – allowing the driver to choose drive or sport shifting; with a flick of a button on the steering wheel, the transmission can be flipped to manual, and operated with paddle shifters on the wheel. The car is fast and stable, and gets a combined fuel usage of 17mpg.



The vehicle includes keyless entry and keyless start, 10-way adjustable driver and passenger seats, a touchscreen for audio, telephone, climate and navigation. The auto monitors its tire pressure, as well as engine and transmission functions.

Dao's XKR features the Aluminum Weave (gives the car the aluminum grille and accents, as well as the power folding mirrors, and Wood Luxury Package with softgrain leather interior and instrument panel, 16-way adjustable seat, heater steering wheel and leather covering for it and the gearshift with Walnut accented interior. The Premium Sound Package gives her Alpine Premium Dolby Logic II 525-watt surround sound and Sirius Satellite Radio. The Advanced Technology Package gives her adaptive cruise control. 20" Senta

wheels accent the metallic Midnight color, the interior is charcoal/burl walnut. The cost of the vehicle was \$109,500 after tax.

PM	RED	CRUISE	MAX	RANGE	FORCE	STRUCT	COST
+2	3	80	174	260	2	6	\$86,000

GAME INFORMATION: The XKR gains a +1 to quick turn and double back maneuvers. Pictures represent Dao's vehicle.

GENERAL ATOMICS MQ-9 REAPER/MARINER

The MQ-9 Reaper (or “Mariner “ as the Navy calls it) is the result of the armed version of the Predator unmanned aerial vehicle. The MQ-1 armed version of the Predator was a cobbled together modification of the original craft, and could only carry two Hellfire missiles. The Reaper improves of payload, performance – both in control and endurance – through a combination of larger fuselage (36' in length) and wings (66'), and a new Honeywell TP331-10 950hp turboprop engine. The modifications allow the craft to operate for fifteen hours at a ceiling of 50,000 feet.



Six payload points with a load weight of 1500 pounds allow for carriage of AGM-114 Hellfire or AIM-92 Stinger air-to-air missiles, as well as the GBU-12 Paveway II 500-pound or GBU-38 JDAM laser-guided bombs (in 500- or 1000-pound payload.) Standard load-out for the Reaper is four Hellfire missiles and two Paveway II bombs. The aiming of the weapons is through an improved Lynx II radar-imaging system and the MTS-B gimbaled laser sight. The control of the craft is mediated through the L-3 Communications Tactical Common Datalink and ARC-210 radio, CBP-104 satellite communications, which links it to the MQ-9 ground station. The craft can be controlled by any of the earlier iterations of the Predator ground station.

The 432ND Wing of the USAF controls most of the Reapers in service, with seven in their inventory. Unarmed versions of the new MQ-9 are in service with NASA and the US Border Patrol. The US Navy will be fielding the craft once the modifications for carrier service – including arrestor-wire hook and folding wings, and an increased fuel load to raise endurance to 49 hours are implemented.

PM	RED	CRUISE	MAX	RANGE	FORCE	STRUCT	COST
0	4	250	400	3750	2	10	8 million

Q Evaluation:

Two of the new Predator drones will be going to the No. 39 Squadron of the Royal Air Force. The vehicle, so far, is incredibly maneuverable, endurant, and capable of delivering serious combat impact.

Bristol Fighter S

The Bristol Car Company has existed since 1946, when the Bristol Aeroplane Company began producing its first automobiles – the BMW-powered Type400. It is based in Filton, near Bristol. They are handmade, with an eye to high-quality, easy maintenance, and luxury is one of the reasons Bristol is still around and British owned. (Their Type 603 has been in continuous production since 1976, with steady evolution of technology.) Many of the of designers have an aerospace background, and their new Fighter S is an expression of this background..



Their new Fighter was specifically designed and built to be a luxury 200mph+ automobile. The hull is teardrop-shaped to cut the drag to 0.28, and the center of gravity and center of pressure are equal, preventing lift. Visibility was maximized, and the gullwing doors were added to allow ease of access to the interior. Aluminum frame and bodywork are coupled with carbon fiber hull, and a roll cage is part of the design to protect the passengers.

The interior has “armchair” like leather seats that can accommodate drivers from 4'11" to 6'7" in comfort, with four point seatbelts for safety. All of the Bristol's appointments are hand made, there is Wilton carpeting with leather edging, and the latest electronic equipment is standard. The instrumentation includes many system monitors like oil temperature and oil and fuel pressure gauges. An overhead aircraft-style console houses the gauges and switches (with photo-luminescent switch panel.) The acoustics have been developed to eliminate much of the road, wind, and engine noise. Access to the boot is possible from inside the cabin, as well.

The motor is a Chrysler-built V-10 engine that generates 628 hp and 525 ft/lbs of torque, but the at speeds of over 200 mph, the venting into the engine acts like a supercharger, increasing this to 660/550 respectively. The T version adds a dual turbocharger to the motor, boosting the power to a stunning 1012hp and 1036 ft/lbs. A six-speed manual transmission gives the car a cruising speed of 100mph in sixth gear. The T version still manages 20mpg and with the 28.5 gallon tank has a range of 450 miles! 52% of the weight is over the rear tires and the independent double wishbone suspension with coil over racing damper suspension allows stunning turn radii with a 2.7 turn lock-to-lock wheel. Electronic traction control is standard and power assistance on the steering is optional.

PM	RED	CRUISE	MAX	RANGE	FORCE	STRUCT	COST
+1	3	100	215	500	2	6	\$225,000
+2	3	110	225	400	2	7	\$240,000

GAME INFORMATION: The Fighter gets a +1EF to Tight Turns and Pursue/Flee. The second rating is for the T version. The Fighter T can have it's control computer reprogrammed, allowing the car to hit the 285mph.

Q Evaluation: *The Bristol is the only British-owned luxury car manufacturer still in existence. They sell only a few hundred cars a year from their sole dealership in Kensington. The Fighter is a stunningly powerful car, equal to any of the supercars on the market, and comparably priced...but it's rarity gives is a certain cache.* Q

2008 Bugatti Veyron EB16.4

The Bugatti Veyron is the sports car that resurrected the marque, and was named for the 1939 race car driver of the Bugatti company. Only 200 of these blazing fast autos have been made to date. It uses a sixteen-cylinder, quad turbocharged motor that produces over 1000 hp and 900 ft-lbs of torque. This power is channeled through the seven-speed, Direct-Clutch transmission, full-time all-wheel drive Haldex Traction system. Special Michelin run-flat tires are designed for the high speeds of the car, costing \$25,000 a set.



PM	RED	CRUISE	MAX	RANGE	FORCE	STRUCT	COST
+2	3	150	254	280	2	8	\$1 million

GAME INFORMATION: The Bugatti is one of the fastest production cars in the world and gains another +2EF to Pursue/Flee tests.