hen Yamaha morphed the venerable of Warrior 350 into the Raptor 350 a couple of Warrior 350 into the Raptor 350 a couple of the R Fun in the sun years ago, they made some big changes in the ergonomics, and some small changes elsewhere in the quad. We have liked some of the changes (superior ergonomics) and not impressed with Duncan Racing International took on our challenge to produce a Raptor 350 that was the ultiothers (cheapened suspension). mate fun dune machine, and then they challenged us to take the DRI Raptor 350 out for a summer ride at Glamis! ATV Action editor DJ Campground in his high-airflow Fly Racing riding Williams showed up at a deserted Gecko gear and went duning in the blistering heat. Afterwards, DJ talked about the machine With DRI's Leonard Duncan.

With Elka suspension all around, you can get serious about jumping the Raptor 350. The manners of this machine in the air are impeccable







RIDER/BUILDER	
Photo rider	Leonard Duncan
Builder	Duncan Racing International
	eStocker price,
	plus \$5300
Hours invested	50+
MACHINE	
Quad	2005 Yamaha Raptor 350
	Stock
MOTOR	
Motor	2005 Yamaha Raptor 350
Bore	Stock
Stroke	Stock
Compression rati	io11:1
Porting	DRI Head Porting
HeadDRI I	HP4 Kit (Includes: DRI Head
Porting, Billet C	amshaft, HD Valve Springs,
Guides, and O	versized Intake Valve). \$770
Piston	JE Pistons. \$225
Rods	Stock
Cams	See HP4 Kit
	See HP4 Kit
	Stock
Ignition/timing	Stock
Spark plug/gap	Stock

Carburetor	Edelbrock Quicksilver. \$522
Airbox/filter/oil	Pro Design K&N Pro
	Flow Kit \$150
Dina/eilancar	Fat Boy 4
ripersilencei	Complete Exhaust \$499
Fuel	Premium
DRIVE SYSTEM	
Clutch	DR Clutch Kit. \$119
Clutch basket	Stock
	Maxima Premium 4
	Maxima
Correctors	Sunstar. \$65
Sprockets	Ctook
	Stock
FRONT END	
A-arms	Stock
Spindles	Stock
Steering Stem	Roll Design. \$350
	Elka Sport Series
Tront Shooks in	(Dual Rate). \$515
DEAD END	(Dual Hate). \$515
REAR END	
Swingarm/leng	thStock
	Team Axle/+3" \$399
Rear shock/wh	eel travelElka

TIPE OF THE PARTY
TIRES/WHEELS/HUBS
TiresITP Sand Star. \$200
Tire sizes f/r21x7-10/20x11-9
Tires pressure f&r4 psi
Wheels Douglas Quad-Rok rims. \$65/each
Hubs f/rStock/TEAM \$99 BRAKES
Calipers, pads and discs f&rStock
Front brake linesCrown steel-braided. \$110
Rear brake lines Crown steel-braided. \$40
Brake fluidMaxima
HANDLEBARS/CONTROLS
HandlebarsTag T2 (CR HI Bend) \$95
ThrottleVortex \$35
Steering StabilizerGPR \$425
Clutch leverStock
CablesMotion Pro \$29
GripsTag \$13
MISCELLANEOUS
Nerf barsAC Racing. \$190
Front bumperDuncan Racing
Chrome Bumper. \$170
Chromed by Pacific PlatingFootpegs, shift lever, brake lever, grab bar
PolishedReverse lever bracket
The state of the s

DJ: We ran it all day in 100-degreeplus heat and it never pinged once,
even though we had pump gas in it.
The power didn't fade and neither did
the clutch. I guess the DR clutch kit
and Maxima Premium 4 oil were doing
their job. Man, that was a hot day. It
was 109 in the shade at one point, and
we weren't riding in the shade! Another
thing that was nice about it was that
the handling and suspension were up
to the level of the engine.

LD: The shocks are the biggest single change in the handling. The stockers are set up for a general, easy ride. They aren't set up for anyone who's going to try to jump or hit whoops on it. The Elkas instantly give it a stability in the whoops, when turning or on jumps. It just gives you more confidence. Remember that kicker we were hitting? On the stocker you would have been thrown over the bars. The Elkas just put you over smoothly every time.

DJ: Without a doubt, the suspension was awesome. I kept looking for something to hit that would make it spike or kick—it just didn't happen. On more typical dune terrain, the Raptor felt incredibly smooth and plush. Even on the non-virgin sand, it felt flawless.

LD: Another important mod for fast, smooth duning is the GPR steering stabilizer.

DJ: That's right. Not only didn't the suspension kick me around, but even when hitting witches eyes with one wheel, the bars didn't get wrenched

were out of my hands. Everywhere I rode, I have felt both comfortable and completely in control of the proceedings. I also noticed the ergonomics were a bit roomier, with the taller Roll Design steering stem and Tag CR-Hi bars. I'm ome-5'10", and it felt just right for cruising.

Also, the ITP Sand Star tires were perfect. They dig in well enough for getting up the big hills, yet they're willing to get sideways for some roost throwing. Oh, and what's the deal with those cool Douglas wheels?

LD: The Quad-Rok wheels are a new item from Douglas. They're heat-treated cast aluminum alloy, rather than billet. They can be polished or powder-coated. You can powdercoat the middle and polish the outer or vice versa. It gives it a different look! □