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**From:** [REDACTED]  
**Sent:** Monday, October 24, 2011 4:41 PM  
**To:** Dan Dubno  
**Subject:** Re: "Frickin' Laser Beams"

Thanks so much! I will look into these!

On Oct 24, 2011, at 12:06 PM, Dan Dubno wrote:

> A) Suggest you test several different types of pen-type lasers as I  
> =iscussed below to see how the effect works in the Carribean  
> =nvironment  
> B) Concerned that the atmospheric conditions may not have enough =articulates to really get the most amazing  
effect... the more pollen, =oisture, dust, crap in the air, the more amazing the beam looks ...and =he longer and cooler  
the beam goes.  
> c) Strongly suggest GREEN (about 200 mw ... which is a little stronger =han the standard laser pen <5mw ! :) because  
the beam is beautiful.  
> D) Since you are also interested in projecting the laser onto other =hings... the other island... water..perhaps other  
things on the Island =tc... then the super powerful BLUE laser (which is a staggering 1 WATT) =hould also be in the mix.  
> E) The handheld lasers that would fit in the sculpture are not =esigned to have external power... they use batteries...  
and the more =owerful blue laser only projects for perhaps 15 to 20 minutes before it =eeds to cool off. So figuring out  
how to power, control, and target the =asers is worth thinking about.  
>  
> TESTING THE CONCEPT:  
> I could lend you an assortment of lasers to test out the effect before =nstallation plans go further.  
>  
> Alternatively, you can go online and purchase a few of these =irectly... there are two good sources that are reliable:  
>  
> FOR THE BLUE LASER (and get the safety glasses, different lens kit,  
> =tc: WICKED LASERS:  
> =ttp://www.wickedlasers.com/lasers/Spyder\_III\_Pro\_Arctic\_Series-96-37.  
> html=> They have other lasers... you want at least a green 200 mw or  
> above... => Another source is (or was DEALEXTREME but I think they got  
> in trouble =elling lasers that exceeded the <5mw regulations.)  
>  
> Happy to play.  
>  
> Dan  
>  
>  
>  
>  
> -----Original Message-----  
> From: Dan Dubno  
> Sent: Friday, October 21, 2011 11:20 AM  
> To: [REDACTED]  
> Subject: Re: J. Epstein  
>

> Happy to help.

> I presume he wants to use this mostly around dusk...

>

> What is the main objective of the entertainment? Magical effect? =omething other?

>

> What color or colors are you interested in?

> Red is cheapest and most uninteresting; green most dramatic for the =ong beam that's visible... But more people have now become accustomed =o it; blue and purple are the more extraordinary...

>

> Most have never seen the more esoteric and lovely blue and purple.

>

> The problem is blue and purple are most dramatic when you show the =esulting beam when it is projected onto something... (The island =cross the way, for example.) Very cool... But the blue-purple beam =hrough the air is harder to see than green.

>

> The green beam is most dramatic and observable by glistening off dust, =oisture, pollen, etc.) In NY, the atmosphere is so dirty, you can see =he green laser clearly IN DAYLIGHT most days...and always at night. I'm =ot sure if St Jeff's atmosphere is as full of airborne particles...

>

> How far do you want it seen?

>

> Is there a "target" for the beam?

>

> Would he like to preset a whole bunch of black balloons, for example,

> =n the beach, and as the laser pans, it bursts one after another?

> Always =un, especially if the balloons are inflated with propane :)

>

>

> When would it be shown and for how long?

>

> Permanently installed?

>

> How would you want it controlled?

>

>

> I would be an idiot not to point out there is associated eye danger =ith all of these...directly proportional to the power and the type =sed. Especially if directly pointed in ones eyes, duh. Also, because of =eightedened hysteria, the beam has to be projected at an angle that won't =eem to be targeting boats or airplanes... People get as nutty-fearful =bout such things that they like calling in "authorities" at the drop of = hat. Just mentioning... You can look up the numerous police reports if =ou wish and you'll see what I mean... Even for a fellow who owns his =wn island... If the ray projected even appears to be targeting a pilot, =he FAA goes nuts..

>

> (OF course, I have some that can burn serious holes...because laser

> =anufacturing is an inexact science and some turn out more powerful

> than =ost. I used to have some guy going through hundreds to find the

> best =hich were much more powerful than the average.)

>

> As you can see, I'm happy to help. "Sharks with fricking laserbeams on =heir heads :)"

>

> Dan

>

> ----- Original Message -----

> From: [REDACTED]  
> Sent: Friday, October 21, 2011 10:33 AM  
> To: Dan Dubno  
> Subject: J. Epstein  
>

> Hi Dan! I have a quick question for you from Jeffrey. He has a sculpture of an archer on his island which over looks the sea and he wants to put a laser in it's bow to have a laser beam going out from the bow across the sky. He wanted to see if you could recommend a good type of laser to use for this? I tried to do some research on lasers, but it's quite confusing! Any input would be greatly appreciated! Thanks so much!

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