

Program Information:

Title: Adam Savage Presents Problem Solving: How I Do It

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Fora TV The World is thinking Well I'm gonna expose myself to you OC can see the the beach the the within the news that will lead to the north of that my kids would exist one day it water slide wipeout episode this week that is a little bit of a second so that was the water slide wipeout is a myth the YouTube video of some guys sliding down the slide fry hundred and twenty some odd fee to be entered into a tiny little swimming pool sitting arrives and we do this on we wanted to he was the most terrifying thing that we've ever done in our lives fine and I actually was so sore it made us busy two weeks later Jamie admitted to me that he was still sore for Jaime to admit any sort even once it's huge but couldn't do it like a week later it's completely unprecedented by that but it is absolutely you haven't seen it don't repeat it I think tomorrow is one of our best episodes we've ever done both teams it's one of my favorites we've ever done so I feel like I'm gonna read my talk you lovely people on my iPad had my new favorite way yes we do favorite way to give talks on me you can read the key word there really are so I used to play it pool place to play billiards quite seriously I played about two to three hours a day from each nineteen two aged twenty three and whatever nineteen eighty a really great player close get close to being really really good there is there's something in me to play a game really well the night I don't have to have to have this not as competitive spirit you have to have this sort of killer instinct really much Tony was the second huge store billiards in the middle twentieth century we must go he said that in order to be a good pool player you had to be willing to spot her grandmother spot means give her get anyone to get your grandmother forty nine points yet to be willing to give your grandmother of forty nine point lead in the game to fifty points it to be willing to give her a forty nine point lead and then you have to be willing to beat her I don't have that I don't have that moment I don't have that killer instinct um I competitive but I got as good as cool as I've got a bunch of other skills I got enough to see how truly good and excellent practitioner is not good enough to match many of you and I get a room full of skill collectors like knowing many know that once you start to learn something new start to really understand how a really good people are back and do it the start to see how it fits what you're doing there are some things in and pool someone once said that in order the utility in billiards and cool to see a ball into a pocket is only twenty percent of playing the game and it took me three years about a thousand hours of playing pool before it actually understood what they meant the theaters that I cut my teeth in San Francisco it's a skill it was a lot of Berkeley Rep climate Peter Eureka Theatre Beach Blanket Babylon travel on George to its performance works project our tow that ability to play well with others gives you tremendous amount of opportunity theater is all about the big picture literally the big picture it's about

what's going on onstage therefore walk prop should look pretty good the seen from about as far away so it could have been perfect if the prop is telling the story it's not that thing and of itself one works towards telling the story I never see the other thing that probably TV is indestructible I'd never cease to be amazed how actors destroyed welded steel things in one show despite seemingly him going at any rate the cogs in the nude scene of feeder need to talk to each other which is good because the people I've found are really talkative by nature and since the process and theater is about a zillion years old and is very little difference between the production of Hamlet today and production of Hamlet three hundred years ago because this process is sold as brutal secrecy which means that there's plenty of room to learn which is good for me because one of the things I've learned up till then was that that was good at learning skills and feeder I became like a sponge carpentry electronics freaking pull street lights at this mindset painting everything I could get my hands on I pointed towards I asked if I could try it sometimes I tried it for free until it had the skills to get paid to do it they reached out a press briefing that I wanted to wear Cedar as I've said before I talk quite graphically before Peter led to a job in film which is like the routes to roots in in some respects their differences there's more secrecy people are paler little more highly specialized they're bigger budgets which always means more micro managing and more stress but im still I've learned that this wide array of skills that I brought was an accident there's this thing that happened once they started doing special effects everything old man was a God that I got you something to pay the rent so I'm going to my coveted feeder that I come home and I'd make some sculpture or I'd make a robot or do something that I want to do and what I stared me in the rolling into into the film industry the special effects I just noticed after about six months to have made a sculpture and having spent time shifting my attention from skilled skill I knew that I could only focus my attention on one thing at the time and there came this point which I thought like I was making the transition from being a sculptor to working in special effects my calves apply to all of my creative skill in this new field and it was weird it was a departure I was willing to go with it has the money was really good and at twenty six years old I finally felt like I felt something that was a viable career something that I could actually call her rear I also made a promise to myself I wasn't going to say that I use to be an artist I know my mental processing site know what they do they know home court in the art to my makeup so I knew that the same thing was happening whether I was animating the ER for a commercial or I was making a sculpture now the output is different what is on making something apart for someone else small regard of the creative output of the problem solving for me the result that point was the same I was diving into this new career and I said I've never tasted it still produces the same bones being being moved around being being challenged it this gets into a deeper philosophical conversation but Artest problem solving bite suddenly in the film industry up like my creative energy all of these disparate skills came into focus each one became like an error in my quiver and not an expert I've never been an expert at any one of the skills that the total gave me this as I was fast I can innovate like it might change in direction on the fly I wanted challenges I've learned really fast I've said so this before but what I wanted to talk about today this is all introduction

to talking about problems so I wanted to talk a little bit about my process of problem solved there was to basically try to get everything as it has problems so on and Francis Bacon the teacher talks about this is a fantastic book called the brutality of fact he's one of the only artists I've ever read who actually can speak about things like truth and beauty and he doesn't mean these disparate out in the world concepts is actually talking about very specific ideas he has he talks about the barrier to keep a plea he says that every artist starts a project with a problem to solve any even if it's an abstract painter they speak they have some type of formalism they will apply to the canvas ends this problem solving when you embark upon you embark upon a goal you you go through a set of steps and wanted to talk about my set of steps so the first question I ask myself is what is the problem solving they love this seems trivial and simple you have to be super super clear about this if you've been given a problem to solve by someone else and you don't check to make sure you know what that price was at problem solving do this Uganda's from it the tissue of the person is given in the credit card really clear Cheney has this thing which he calls drilling the hole on the ass um it is a test that many in our shop have failed Jamie give somebody a piece of wood with an X drawn on and says please drill hole on the next you'd be amazed how many people have not been able to do that they come back with four holes well I thought needed to be this way for the comeback for the whole near the expert not quite it's it's unbelievably need to be clear but would probably sell second question and I got back and forth about which one of these is more important but in this order second question is what's the big picture and this is one that I've noticed that I'm not a lot of people ask some people ask if those people that ask you wanna know what the big picture is I always wanna work with them more where does the problem that I'm currently solving fit into a larger read myself and just a singular problem in and of itself or is what I'm doing going to fit into something bigger to fit in can you see the whole picture sometimes you can see the whole picture but you need to see how what you're doing is going to relate to other things otherwise it's not going to relate to other things in the case I keep asking the question can I see the whole picture turns me on a sleeve for the waterslide episode I do have a water slide was going to work in you are totally don't live in Adelaide on her we laid on the final it's actually pretty straightforward the probes to solve with the overall picture they were actually more like have you move fifty sheets of plywood in a reasonable period until the record to date I've had the crease down the ramp with salt et-cetera so in those cases I see the big picture Easley has held a small part to line up in another tight squeeze and as I go I keep asking the question I see the big picture now you keep on noticing I keep on noticing that as I keep on going back to when bigger and bigger parts of the picture how much time do I have is there a deadline now the maker faire is all about DIY tinkering working working on your own projects working on things you want I'd do a tremendous amount of that the night thrive on deadlines I find it if I don't have a deadline I don't get things done I'd want to give myself a challenge to find even if I'm doing something I might be doing something like I have to make forty of something as I'm doing forty of something I'm thinking of how long does it take me to

do this one oh three the half minutes ok three half minutes ago forty two times that can either that or how much time over the finish but for part of what if I can finish earlier am I going to make is their way to make this process go faster and I start doing the math I do in my head as I go becomes a sort of Zen meditation as I'm working but it's all braced against the clock in and actually also keeps me involved in the truck to be doing repetitive tasks is really difficult it's a key part in making anything and it keeps my mind on the total bill was like my kid myself those times those time constraints how am I doing that that's a key component of how blessed I feel and how much time do I have now how much do I have left where am I in terms that Goldman going to reach how precise might have to be this is actually a really big one how precisely what have to be the difference if I hand you important say to me six holes in it about six inches apart will one way to do is literally just an estimate and truly six holes and that takes about a minute another way is to go find a ruler and five it had been carefully made for the last minute ticket fifteen minutes and like I'm mostly at that point it depends upon how precise you have to be doing it the halls of repeats at nearly six inches or twenty them approximately every six inches and this also helps to do with how it's going to be seen as something that needs to fit with another party which case it does need to be precise it was something that can be really losing his seat no one's going to see that doesn't even matter another question I ask what I've written what is my rhythm and how does it fit into this project I have learned very very much in myself a workflow that I like I like to work fast I like to work fast and my crew knows intimately that I need to look for things so before I start a project I go everywhere the shop and I get every told the baby then I put it on the table the good of the material they haven't put it on the table and I get everything lined up so that I don't have to move once I'm in the slips months and rolling I wanna keep on rolling that's fine with that and if there's a product with the rhythms gonna get broken I want to know so I can I could actually anticipate this actually reach the level of absurdity when I was a mildly treated us to like magic the school gets to conceal my website their aluminum doctors facts and I filled them full of all the tiny tiny holes that you could use as a model maker and that the topping over about five hundred and fifty some of the schools and because I hate looking for anything even mostly boxes but managed to erase them so that I could reach and grab every single school without moving another to love the way I actually ended up referring to its first quarter retrieve ability in the end even reading over into my tool box was too much for impatient me and I put them on scissor lifts up about things that might share the word either side I was able just to work and work the kinks back and work move things and it made me fast and that's the way I like to work on broken like brush what of a resource resources come in several categories and they all bear on the what the problem they are solving is on the budget is there but you have control over it like you how much latitude to have if it's my money what is the project with me when I was starting out I actually was a whole class of jobs the night dead I would do the job for free for leading the league would be free but hey that's the

parts that I was using to be paid for on condition that I get to keep the opposite when I'm done and satisfied me on the waterfront decide you like special effects props for films I get to keep the school prop that the yen and they see the advantage to me is twofold one I love keeping things that I've built but to fight on to keep it the more invested in it and three I basically just getting someone else to pay he had learned how to work in process often on location Lincecum wherever here we are watching but it is large it's your money got to that location facility location is the place I'm working on solving this problem and help or hinder the process I've worked in some really tiny spaces Annabelle so you know sometimes the budgetary constraints we can afford the big space we have to work and smaller states but we only have X amount of time and I have learned over the years to examine closely those little trade offs because working in the smaller space may make tried to take more time to become more expensive has to work in a crappy states that it would be to invest in the front ends in a space it's reasonable when you take the above location in solving a problem for us on the show comes up all the time even the wet season that it's what's the temperature what is the weather we've now dealt with the icons I'm on Mythbusters were actually really looking at the Doppler radar for location to see how she is going to go we were doing that just last week and yet temperature humidity in model making and special effects their entire classes of prophecies that will screw you if the humidity is too high or too low even got a late watching paint dry got a super humid day to take stock and write very well but they're terrible baking process is that if it's too humid or to read it were to try to stop going to work people how many people to like that is the team big enough is the team today it seemed to be can be just as bad as the team not being big enough was them are alike is late we try to solve a problem after what's been working a full day or they fret on do I have all the skills necessary you I have all the skills necessary um and commensurate that you might have realistic understanding of what my skill level is the problem I'm about this off it seems weird that I'm scared but honestly fairly well let's put it really is I realized as I sat down wrote this last couple weeks this is a checklist to go through for every every project if I'm not very good at something is there enough time for me to get into debt to finish it for two at former down how long is that person going to take I'd two lessons in play pool from a former Hustler an illustrator and a bobcat its lived in my hometown you sexy friend like dad's for years before you hit the pool Hustler professionally for about twenty years and I grew up with a pool table in the house so I asked Bob to come over every known that did teach me something about pool and well kind of rocked my world he actually said that school is really really simple he says that when you get the crowd on the table you're only ask yourself if you really really simple questions you're thinking where is my cue going to hit the cue ball we're on the cue ball what is the cue ball with people going to hit the obstacle and whatever golf balls going to do after they collided he said if you can go into the crowd and answer all three of those questions every single time we go into the crowd you gotta be a great player I get it to be another year of playing with words from hell not only to the West but also helped terrifyingly difficult is to actually do something like that to ask those questions

every single time you do something it's a very difficult meditation on so while I'm working those that brought checklist of things that I've looked at him and I'm embarking upon solve the problem obviously all my posts to my probs on Mythbusters are our building problems with many of them are awesome narrative from swear were telling the stories we tell that story changes as you go because we're telling the story honestly and we often have to figure out where we are there but as we go there's a set of questions which are being asked constantly literally every five minutes these questions are being asked um how important is this particular study how important is it that I get it right it's true that word lightly have one bar of the special type of mint tea his mighty steed deteriorated I teach me for schools about music this is the stuff I might be able to improve leader so what I'm building is suspended for my solution am I missing something stupid am I being too clever which is another way of saying am I missing something stupid is there a simpler way which is another way of saying am I being stupid am I missing something stupid in my shoe or how what I'm doing fits into the larger picture this is actually but this was fourteen I have very different working styles but we both actually have the same mechanism which is we have to build something ever had before we can build in the world and sometimes the UK see the totality of what you're doing we just finished this Psalm repeating their road machine gun supposedly designed about twenty three hundred years ago in the device was so complicated that even I have to build a scale model and then we had the progress about three quarters the waitress building the full scum of a full week both fully understood the total machine that we also have experience with our bizarre with our process to know what we can and can't fight with the sweet dough it as we're going constantly taking this machine that were building and putting the parts that are going into the mental picture into that mental three D model what does the whole picture looks like now that I've sold this specific parts of India in the three questions I'm always asking are you how weird is this that fitted to the hole now that I've completed it am I missing something stupid and how does the whole look now but completed this task and how much time doing happen again I love setting an artificial goals if there is no specific deadline I love sitting even an artificial deadline like I wanna finish before I go to lunch I love finishing the forgotten ones that too I wanna pay what I'm making I wanna add some extra processor make it pretty much done I sometimes old race at the end of the party guests alike and painted it with little annoyed she wants her for that other I'll see what it described it this is not a linear process is due on the graphic goes all over the place and there is a part that I have learned that it doesn't the three quarter point in every project that I do about the seventy five percent mark I finished most of the work I can see the end it still seems kind of far away at that point in almost everything that I see that I worked on I've reached this point right thing I have no idea what I'm doing and it started will be it's been there forever he got really bad when I was at Industrial light Magic be working on something and you know I were quite quite fast life of buildings two or three times before I'm finished with the final thing Michael to begin of Iraq until the end of the water not be waiting for someone to come up and tell him the shoulder me like I said you go you have clearly have no like you what the hell you're doing but I've learned that the support of the process I've learned that even though I always feel like

that I have to actually address and intellectually is emotionally I always reach this point and I actually come to respect it is this part of it's kind of it on its intersection with a mystifying this process it's honestly every time I've been part of a private drive by I know how to do this I have screwed up every single product I sauntered into thinking I got this by ear and eye to eye and Mrs I talked about that last year the yen honestly this almost never this life this blogging your face in the air moment really yesterday I finished the project human things I've been working on my workbench for ten years when I finally finished them it's not like I go on yes I did I just really satisfied that don't actually like it much more quiet for so long um it's almost even sometimes a little bit sad it's a little bit sad to finish that project start to think maybe maybe it could be better maybe I should make the maybe they should be another one maybe maybe I need three baby someone I know wants one the big question is what's the next product and there is always another project thank you the the the the gods of extra time I don't like another half hour tonight the questions from the audience I take lessons from the others can we bring the house with the Blues when God thank you let's see there is a black cat what's that what's my favorite color my favorite color is international bio hazard orange who downloaded over their CD to man so we got a microphone isn't working yet for your arrival look around and find someone who looks like the guy that intelligent question it it for working with salty the mechanical devices my expertise is much more in mechanical devices home and that's what I've spent much more of my time doing that as far as problem solving so I have said for the Celtics the devices cuz they understand them more that's not to say don't love working electronics and doing complicated wind projects in my house it's just it happens less because I don't think in that realm as much yes it on the yet there's a good one each thank you pyramids of the stamp so when we were doing the duct tape for each episode if he would be too stuffy nose still in its so revealing that the bridge episode and we got it with these five lakhs of duct tape stretched across thirty feet in the shop and Cheney sitting on the saving of thirty four told us that stole my wallet light purple purple purple quilt the knees like although I'll get off that he goes to get off and the key getting off with them these dignified thing I've ever seen him do this so lovely like this and I'm thinking of that awesome TV that is a commercial break right there and she gets up and he goes on can you point the camera to me and he looks down the barrel the caverns his editors up please don't cut that into the show the guy behind him I go the today show I did a show that's funny he's like the Idol tickets that interesting but nobody honest it's a real liking to look at the beauties like that's what you're here for the yes us her he said well if we didn't visit was unclear in the episode the night of the bone to pick with the editors we actually went through a lot of trouble to figure out what the best lubricant for the slide was and it ended up being a mixture of ten percent dishwashing detergent to water which we sprayed on with the bugs prayer we found that any more detergent and that would make this bubbly spray which was shared between my legs and sprayed of my face like he needed setting the end of the water the wrong direction what's that I did lose the hundred dollar bet with Jamie over that um you know I was impulsive I thought that his idea our friend Jamie is like his be his mind is this amazing

thing where it doesn't take it off and can work without taking into account anything that its top four is really like it like Steve jobs talks about that the fresh mind of the Buddhist monk right Jamie is just the surest fresh money he says something like what than we could walk up and down the slide with a spritz bottle I'm thinking you are insane as tight as it didn't take her some form guided walk of the dumbest two hundred but slightly expert level you even think like that that ridiculous saw was a little bit mad that I said I'll give you a hundred bucks if that ends up being the way we do it they have a hundred bucks I was wrong well the next episode your goodness the adventure was hearing next week the next episode that were working on it so late this today Saturday ok yesterday today was in prison stripes and I was chasing him with the blood held through the woods we are reviewing the blood hound dog escape episode except this continues to convict and I get to dress up in the full cool hand Luke prison guard uniform with the sunglasses in everything I enjoyed it a little too much but next week we're taking awesome idioms idiom at it freezes Cheney is going to be finding out just how hard it is to take candy from a baby this it I will admit it's a little bit of a lightweight milk but we're still getting some some philosophical be kept that promise yet um we completed episode of Mythbusters in between six and eight days and then add the editors have to sift through like twenty five hours of footage is the cabbage roll it all the time the editor secure but twenty five hours of footage over a six week period cities usually about a form of flight time from what we shoot them what you see but that waterslide episode was shot back to get up read a half months ago the most was annoying right the most annoying project Billy goes back to the break separate there was this deep philosophical argument that Jamie and I have now offered in the arguments we have Ginny is advocating something that is unadorned and really elegant and simple like he just wants to know if it's fall is needed is in a long wall all he wants to nail the wall was like that they'll do well to be a special course you can see it with a narrow saying they let a bunch of frame around it like that but occasionally Jimmy gets a visual into its head as he did all the breaks the periphery wanted to make those little machines and no matter how much I said that the new Maddox we're going to be timed specific in the work going to hit a period is the precise enough to bring about the lethal harmonic in the structure no matter what I said he's kept on going to the front of somebody give them all these things for free the president of the dramatic stop the flow of all these actually does it use it we fought the whole time it was very healing for me to be part of that no cuts to a ballot six years later a year and a half ago team announced that the genie says he doesn't want to do something and I say well ok he says it's just not logical and I said to actually it's not that it's not logical it's that you don't like the idea is I will though it's not logical but sit on the upswing but if you don't wanna do it because it's not logical a fight but if you tell me don't like the idea that'll do like I think you don't like the idea of saying that something's your opinion you want the facts to support the years like he thought about it we came back a couple days later he was like you know I thought about the law I think you're absolutely right I think it was hiding behind logical and it was just my opinion of the class so nice as well so I

think Jenny like to think in a process or eat it with some he says he misses us driving application you know spring in our mother the car talking about everything he says well maybe there's a way we can avoid this in the future he says maybe you know maybe if there's a to spew we'll let the facts work themselves out and I said ok what's an example of the case in which the outcome might be different mini games one and whatnot I know that's not what he needs another blog know that this baby here and there it is now that fit the only example he can come up with what's one more key was wrong which was the breaks the fridge what I was like yes it was after this question what's up moving over here to these people don't have my favorite Mythbusters episode I have it says its lead balloon we made at fourteenth Street and later helium balloon that floated out of twenty eight pounds of of rolled lead no one's ever done it before the stove reason for anyone ever tried again it's completely pointless um but the Wii first of all the process of solving the problem was incredibly satisfying from a personal standpoint but I also think that the episode itself demonstrates the internal process between Jamie night the best of any episode and it's kind of additional explosions this note that the gross that happens it's really St Florida from them from an engineering standpoint it's a pretty personal problem it in me just that visual of being the first guys to make this balloon floated nothing but start a somewhat dated before you might be told that but it was with him that he was cheating we didn't she it's my favorites it thn it a treat the door I can think about a current science or math and I was young on the first career I thought that I wanted was actually to be an actor I tied with Woods I did some children's can I get some commercials when I was a kid I didn't really chill music video it's the worst one in the competition is stiff it's by far the worst illegal music video but I was actually absolutely a science a science geek I would say after school took away her science teacher ask questions about things he talked about in class today and I'm convinced it is stated the only reason I have seen your chemistry was because I stayed at school a talk chemistry teacher enough about physics we figured out a helmet in the nose of the physics will give a passing grade it the scariest moment of run Mythbusters was some sliding down the freaking water slide it didn't get any easier I'll tell you another story about the waterslide so here we do that first light rain falling off the edge in the second slide or go from half the cost will be better than the third slide was like freakin stunning of all like to go like this through the air landing my feet first roll high five each other feeling great next they have to use an evening and I love the AIPAC the customer it's cute I have been a jumps and the fun the last the beginning just didn't go that well and so with a total that well when you hit water from seventy feet way it hurts and you get an instant headache it's like getting hit by a car bed of tulips it doesn't kill you but it hurts and it sucks so did these two jobs and after both jobs I've gotta add to that much of the water was like forty five degrees so I crawl out of this freezing cold water this instant headache and I get my teeth on the second one then I dislike in a lot of pain my side as Christians that led to the west side of the kind of walked into the top of the rampant and waited for the third John and I start with Nader Nick comes out and he gives me the best pep talk have ever gotten my life he comes up and you can see that

I really like them hurt them and cranky and I don't wanna do this again because y'know what I would die it's starting to really saw any excess when they ask me questions going on says one can tell you anything about this next job just I don't think so I'm not kidding this is exactly what he said questions where are you a stop them cuz that's what I tell my guys in L a until all the supplemental in L a the data is read real thing he could be a working start many UNE that we can do to pieces you know how to do this it all happens in your head only thing you should be asking yourself when you glance is does my director one another John all see you at the bar in the job was perfect it was terrifying but it was perfect we are in I don't want to do something with a few stitches knit flat out no never in a million years other everyone thinks that that might be the case but in fact we've done so much reading as we are esoteric and and and potentially dangerous things we don't like about seven different you know day long lessons and stuck to the basic driving from cops and special effects guys the deal effectively tired to listen to this point we got all the skills and every time I get another skill the insurance company actually gets a little more relaxed but giving us the latitude to do something so I'll tell you almost pee but did anyone see this be a bust of story where we took the bus over so while the episode we actually had permission from the insurance company to be in the bus when it tipped over which I was dieing to do most kids do that in a six point harness of the following roll cage that was going to be the best thing ever yet and forcefully thinking like a producer I had to admit that we didn't have enough screen time in the episode that point so we had ours see the bus because we want there to strike down a little bit longer so we opted not to do that the south of the key he should understand that I'm in the the creative from the producers of Mythbusters is yet to capture him at the odd productions Jamie me and art director Alex the four of us they call it creative decisions of what we do there's not really anyone to discover don't know who can't do that if it's a great idea to hit screens the noble find a way to do it on what the hell was he was the things they think are boring like you know to get a good me a lot of road kill yes two things one Hubert his mustache will directly or indirectly does your eye has healed me is my eye that children can lead was not until broken it's not a philosophical decision to sleep yet another holding a position on that basis it to me it's a can of worms I don't feel like opening a very happy with the students have ever tested his mustache ID the one of his mustache theirs I think he led the club won out and put it in a bad weekend someone for an auction and the always lets you control your own duty with one of these I have excused for a which was really creepy is about to go do something and he looks around and he realizes you know we drive each other freaking crazy we'll get along very well does this not to say there's not a great respect between us and when push comes to shove the archive the only two guys that trust we trust the other more than almost anybody else we know what the others people up so he looks around for safely freezer for a heavy hit me like the old and it's like fifty years of skin feels better than this that it's like you can grow hundred thousand units with that yet so if you mention the tube is really like nice moment satisfaction when you complete something so my

question is what's the most satisfying my part to keep completed her talent you been able to overcome you know it's always the most recent one I mean it sounds trite to say that but any there's so many of them on the show there's my Ghostbusters Proton pack is unfinished but later the still unfinished my CF went to the fifth element and finished theirs I can just complete the prop their second Hellboy in the movie Hellboy in the opening of Hellboy to go to a museum and a stadium looks up some information in this POS full of trinkets and books and information and the rest of the revolutions he is actually sold on e Bay a couple about three years ago my boss soil the one that the head of the movie but it was and he didn't have any of the stuff and then over the last three years I've found the regional model makers who built all the stuff of the box and I actually hate them to make me a new set of everything that goes into that box and about a week ago I took delivery of the last object that fits into the box and now it's done that's my most recent set aside must satisfy project were there we go the teeny teeny I didn't see me remember I said I was working in feeders so I was working at the Berkeley repertory Theater in nineteen ninety three when woman warrior was being produced there and I was building a pair of its reputation and Peter be able to solve we are mechanical problems that no one else itself and what they needed and woman warrior was a ghost chair he didn't share that drove itself around the stage so I basically made a robot the chair on top and I was in the middle of making that when one of my coworkers for the bread with and worked for tea on the special effects commercial project and my friend Michael friends knowing that his girlfriend we get they spent the entire day telling Jane that he should hire and Jamie Colby of an extensive I've heard from these guys apparently I should bring you and you wanna bring some stuff to tell me and I waited a couple weeks later network for him for about five years after that desert problem that you haven't solved it keeps you up at night to stay up all my kids are lessons though they're not done it yes it'll be all sorts of things keep me up that night you wee wee wee we just were working on a whole new endeavor that Jamie and I and you know there's lots of things to think about with that Mythbusters and you know first Mythbusters that the world you know we've got a lot of stuff and one attacker with Lydia a Tory stage show we wanted to something very different from Mythbusters the Kerry side story to the initial lot of pieces and he tells moving around um I just got a new assistant and one of things I'm doing is completely overwhelming support guy with everything I can think of because this is a lot of moving parts that so putting on any given night it's usually when I'm not sleeping in the same bed as my wife whenever I'm at the hotel I basically don't sleep I just like if things go too so I'll try to sleep but get really tired of typing in the note full speed up the computer when a white way I've been sold for five in the morning so only to those willing to question one hr you ever able to make this twinkle all the way around the swingset to home a friend of mine named Ross is about fifteen feet back there in the yellow shirt to do it in his kindergarten and I don't believe has the right there without help without help me standing on the swing with it or where you do that just your blog hopping yes when I hit the top of the arc I sent straight down I'll just miss the point ok I'm really glad the list ah was the most embarrassing thing that happened

to you of where is the beginning I decided to train with a little way that hurts all the water slide episode and saw how hard can that woman and stress latex but that's just personal vanity of the most embarrassing thing you know that when one of those investors what I've been holding to an argument that I know it's crap but I'm cranky honestly this is where I feel most ashamed of myself and this person bears I can take in the if you've been watching the show for dinner we got up and said the hours at least fifty hours a week is me taking a fool of myself I'm not easily embarrassed but when I get really embarrassed by my behavior is what I get cranky in my judgment that were in the night I hold to some position that I don't really believe in because I'm cranky I just feel like no moving forward that's what I'm on I mean it's bad a bad hair the average Atlanta City Om yes there is movement when your team you is what the most sugary cereal right you moms all like no break nuts or Cheerios and like most of her shirt dress your mum says the box is more nutritious than cereal so we test we got some black lines can be set up a set of pages and we had one case with the mice are eating regular mouse and a dedication which isn't very happy in my reading for wimps the thirty eight in which the mice are eating these little melts the like the lives of cardboard that Jamie had made and things went fine for about oh about five days the genie was the one monitoring because when she was fifteen but I know he actually owns a pet store the local ball in Columbus Indiana so he was the one monitoring the the the the mice and it was Friday afternoon he's gone into the final pre weekend check it felt like a pretty good except for the the car door to my three vividly a little late there something was different about them they are the other two cakes Tom so he packs up his lights out of some week and the Monday morning the situation was very very different in that cage with a cardboard there were no longer three bites there was one of relief at last and the other two mice would like to wake up from a Chuck Jones commercial they look like the fat mouth numb like Court on the cob they were ahead of the tale of nothing but a rib cage and that to me so we really needed him killer I held him up to the cabin I see this is what happens when the lease with that and we thought it was really hilarious and discovery did not think it was very hilarious then but by that I discovered in the coastal areas I'd already got the rough cut on my computer today to get Mike showed it at college I think like Northern Michigan Tech or something like that that's the response of the discovery called up and we like to build a virtual bugger that's never going to see the light of day unfortunately but I can talk about it it's freakin larynx the army Adam back here for a minute to Target what is your favorite explosion my favorite explosion cheesy question but you better see also explosions to us this point are like the light winds the early part of sewers of explosions like this the fourth get a shot for snapshots of the rubble of the back end but it doesn't move the day of the black powder it's a little slower to push years of my semen thing is actually not technically an explosion it's hot water heaters I love being around with hot water heaters fail there is and I still two ways about it I hope you're never around the hot water heater that unintentionally failing I can't imagine ever being around the hot water heater that intentionally failing but if you are is one of the most satisfying he is the rubble but you could ever experience and then there's like the

fifteen seconds what you love the hot water heaters flight Scott what you see something after Mythbusters what I see myself doing at the Mythbusters yet has been questioned been asking myself the same thing before the Mythbusters I was a good special effects but the thing about special effects this is not a lot of shops in special effects there are fields to work on their commercials were caught which means that the jobs are piecemeal the work of what job then you're done now the industry pays well for that sort of inconvenience because no one works all the time and as a freelancer you actually get this brain um it's not for everyone it's not for everyone does it stressful whether Telstra Reykjavik of my deliverance coming in March where is the people's friend I don't know but the thing you get when you're a freelancer is what's next what's next what's next what's next what made you and you know he started playing skills also two different fields we're taking toys modification especially the museum replicas for pre favorite people I did all these different things with us to Mama making her career and honestly a week has gone by on the buses that I haven't thought about what I picture myself doing I'd really like communication by the communicator a car I love telling stories and I love doing this show if and when Mythbusters and repentance I feel that strongly and lastly to another show I was baking cakes I to know whatever it is gonna have to encompass that I have a job for body during the Queen Street in all not making it I almost went insane and actually had to quit his eye I have yet to be healed a reasonable amount of time otherwise I might get really cranky so all I can tell you is it involves probably more TV and probably more building day I last posted I'm going to your head and he got shot by the cattle drive how the car on that is one of the bits of relief it's a real low point of our show the cattle prod you don't overdo it is the so called Baghdad battery Cary Grant or even read of these clothes and get batteries for the sex and it was there a Ph know this it was the event producer who's no longer with the show the producers decided to hook up with electric fence to these two things which I was close to grab this was a hundred thousand volts that went through my heart it hurt like hell it is like getting smashed in the chest right to buy for on it really feels so close to dying that it's absolutely terrifying you can see that look of my face that quick expression of complete betrayal and three I was so mad my crew was so mad for me that there's a reason to still footage of me right after that no one would follow me that reduces the telco fulfilment in the crease it's true you were not followed what you did was wrong hands we're going to be let him have a few moments and I thought it through an alliance yes no pics we didn't really get it over family of the lessons we've all been working in each other's pockets for seven eight years now and we all see each other and are absolute worst of all sweater absolute best in it like a family baby really protected there is nothing to say one more thing about this which is people often won in OT me I'd break each other and the SEC is no big deal because he goes way too far away too quickly we've read what worked and studied it's funny the job glass of water and so once had but the next day and then you know I'm keeping of Deb's house until we get water from a fire you let me actually read all of us of the solvents so we have to have what we call afraid the top because otherwise it would we like nuclear powers when it comes to Frankie David had me riveted David Kay the the the the enemy over the date

of signing autographs for an hour from where the above are all signed autographs take pictures taken by so much ill see you next year