

TAB I

Original is A UK
document - NOT Included

FOIA Ex 1 (FGI)

TAB J

Original is a UK
document - NOT Included

FOIA Ex 1 (FGI)

TAB K

1:31:47 30
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1:31:50 179
1:37:34 IFF TAN 2

1:56:33 13
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CONFLICT ID: AF
RECOMMEND ID: AF

ORIGIN:

SAFE VEL:
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CONDITION:
MODE: 4 1 3
SOURCE: NOT INT NOT INT
PRIORITY: 1 3

MODE: 4 1 3
SOURCE: NOT INT NOT INT
PRIORITY: 1 3

TAB L

SWORN STATEMENT

For use of this form, see AR 190-45; the proponent agency is ODCSOPS.

PRIVACY ACT STATEMENT

AUTHORITY: Title 10 USC Section 301; Title 5 USC Section 2951; E.O. 9397 dated November 22, 1943 (SSN).
PRINCIPAL PURPOSE: To provide commanders and law enforcement officials with means by which information may be accurately identified.
ROUTINE USES: Your social security number is used as an additional/alternate means of identification to facilitate filing and retrieval.
DISCLOSURE: Disclosure of your social security number is voluntary.

1. LOCATION Camp New Jersey, Kuwait	2. DATE (YYYYMMDD) 2003/03/27	3. TIME 1100	4. FILE NUMBER
5. LAST NAME, FIRST NAME, MIDDLE NAME [REDACTED]	6. SSN [REDACTED]	7. GRADE/STATUS O2/1LT	
8. ORGANIZATION OR ADDRESS C BTRY, 5-52 ADA			

9. I, [REDACTED], WANT TO MAKE THE FOLLOWING STATEMENT UNDER OATH:

[SEE ATTACHED 33 PAGE TRANSCRIPT]

10. EXHIBIT	11. INITIALS OF PERSON MAKING STATEMENT [REDACTED]	PAGE 1 OF _____ PAGES
ADDITIONAL PAGES MUST CONTAIN THE HEADING "STATEMENT OF [REDACTED] TAKEN AT _____ DATED _____		

THE BOTTOM OF EACH ADDITIONAL PAGE MUST BEAR THE INITIALS OF THE PERSON MAKING THE STATEMENT, AND PAGE NUMBER MUST BE BE INDICATED.

INFORMATION DR US WITNESSES

We are here because AOC 1 Gp RAF has convened a Board of Inquiry (BOI) to investigate the accident involving Tornado ZG710 that crashed on 23 Mar 03. We are the members of that BOI. I have been issued Terms of Reference. The main requirements are for me:

- to investigate the circumstances;
- determine the cause or causes of the accident, and;
- investigate any other relevant issues.

The following comments are designed to help you in case you are unsure of your exact legal position.

1. The BOI have a duty to ask questions to find out exactly what happened at the time of the accident being investigated and during the sequence of events leading up to it. It is not the purpose of the BOI to find negligence or apportion blame. You are not bound by the Air Force Act 1955 (UK) and Queens Regulations. Therefore, you may be reassured that your evidence to the BOI is not admissible against you in disciplinary proceedings brought under the Air Force Act 1955 (UK). You may, if you wish, elect to be represented, at your own expense, whilst giving evidence before the Board. You do not have to answer the Board's questions if you prefer not to do so.
2. You should be aware that the evidence received by the Board, including your statement, could become available at a future date to the Next of Kin (NOK) of those killed in the accident. It sometimes happens that an accident investigated by a BOI subsequently becomes subject to proceedings in the Coroner's Court and/or civil proceedings for compensation in either the High Court or the County Court in England and Wales (or the appropriate Court elsewhere). You should be aware that your evidence before the BOI could, in certain cases, become available to the parties to those civil proceedings and if you are called to give evidence by either party you may be questioned on the contents of the statement you made to the BOI. Any evidence you give before the BOI should be as full and frank and accurate as possible.
3. If you are affected by the findings of the BOI in any way, you should be aware that the NOK may have sight of the BOI and may decide to pursue separate civil action.

Everything that is discussed at this BOI is in confidence and is treated accordingly. Consequently, when you leave us I have to remind you that anything that you have heard or discussed with us should not be discussed outside this Inquiry.

I have to take formal evidence from you for use by this BOI. All evidence given to this BOI will be given on oath.

[BG Lennox made the following open statement to 1LT [REDACTED]

The general nature of the proceedings is that this is a combined investigation of the United States it is an AR 15-6, Board of Officers, conducting an investigation. This is directed by the Commander of CENTCOM, and the Commander of the Combined Forces Air Component Command, General Mosley, and it is appointed by MG Bromberg, the Commanding General of the 32nd AAMDC. The United Kingdom Board of Inquiry, Air Force pursuant to the rules of 1956, directed by the Air Officer Commanding in the First Group of the RAF, conducted simultaneously following the rules of each countries services. A separate Accident Investigation Safety Board, under the provisions of 385-40, will be conducted by the Safety Office of the Combined Forces Land Component Commander, at the direction of the Commander CFLCC, will also take place. You will be asked questions again by another board, but that's a Safety Board for separate purposes. A different focus, or terms of reference will be for each board, but there's a common goal of determining the facts and circumstances surrounding the incident. There are some different procedures that I will explain. For the United States there is no Initial Rights Advisement. For the United Kingdom an Initial Advisement of Rights will be given. To rationalize procedures the United States representatives will each administer an oath to each of you at the start of testimony on behalf of both boards. So, there will be a statement given at the start that will cover both boards. The United Kingdom representative will provide you with an advisement detailing your rights as to their board. They have separate rights, and Wing Commander [REDACTED] will explain that to you when I'm done. You will receive a Rights Advisement from a United States Board Representative if you're suspected of a violation. I do not suspect you of an offense

under the UCMJ, and I do not intend to advise you of your rights under the provisions of Article 31, of the UCMJ, at this time. Your unit's advised you of your rights in the past, or in the conduct of their initial inquiry. While you made a statement during that initial inquiry, you're not compelled to make a further statement, but the board would be then compelled to rely on your past statement alone if you chose to do that.

Do you have any questions? It's pretty complicated.

Are you sure?

A: No, sir. [Answer from 1LT ██████████]

Okay, I'm going to turn it over now to Wing Commander ██████████

[Wing Commander ██████████ read the following statement, "Information For U.S. Witnesses", which will be inserted at this point in the record.]

[END OF PAGE]

[1LT ██████ did not have any questions about the statement read by Wing

Commander ██████

[1LT ██████ was sworn and her testimony before the board follows]

Q: Questions asked by BG Lennox.

A: Answers by 1LT ██████

Q: Describe in your words uh, a little bit about your training uh, to do the job as a TCO, and uh-- let me do this first, a little bit about your training and background that prepare you to be a TCO.

A: OK, Um, Well basically we have our levels that are TABLE qualifications and we have to basically-- there's a TABLE 4 and a TABLE 8, and there's also a TABLE 12. But in order to be qualified to sit behind the seat, behind the scope you have to be TABLE 8 certified. So, um, when I got to the Battery, this battery, Charlie Battery, I started going over basically to get my TABLE 4 qualification because I was due for another one. That consisted of studying the TSOPS, studying 44-85, just basically going over questions, going over procedures, going over rules of engagement, self-defense criteria, and what not, and, um. Ya know, I studied for that and everything until I felt comfortable, until my Battery trainer felt comfortable for me to take the test. Once that was completed then we began to run through TABLE 7 training which is basically a series of air battles, air scenarios, ready for action drills as far as what you do at scud Alert, what you do at scud launch, and we went through this for a few weeks until he felt and my crew felt that we were comfortable enough to go ahead and go through with the evaluation. So I went ahead and we trained and what not, and then we were able to get evaluated. At that time, the evaluator looked at an air battle, our ability to do a March Order and an Emplacement of the system. And, um, if at anytime we had failed that he would have gone ahead and said, well, ya know, go ahead and do some retraining and I'll come look at you again. We were able to do it, I was a first time go. So, and at that time it was getting very close to our deployment, peoples equipment was getting railheaded and basically a few weeks later we ended up deploying. So, um, it was right around the time that my crew got TABLE 8d that we were getting ready for our deployment. The Battalion trainers were given strict guidance as far as like, you need to make sure these crews are qualified and go through the proper procedures before--if they are going to be qualified before we get deployed. All in all, I said I would have--I've had a couple months training prior to, prior to deployment.

Q: Did you receive additional training after you got in theater, because you were training on a PAC 3 equipment back home, and now you came here on PAC 2 equipment? Did you receive any additional training when you got here?

A: Yes, we got a little more training, and whatnot, as far as having a fourth man in the van who was a little more experienced and um, a lot of that came to the majority was like, as far as system maintaining. You know, what do we do if we get this type of fault, ya know, what are the procedures, what is that fault actually cause as far as the system, how is it downgraded and whatnot, so we did have--since we've been here, not every single time, but I would say at least 75% of the time we've had like a fourth man in van, basically there just in case we get faults or something happens with the system that we're not familiar enough to how to fix it or how to troubleshoot it in order to get that working again, and what not.

Q: What was your confidence level, were you TABLE 8 qualified the first time, you came over here and had some additional training, what's your confidence level?

A: I felt very confident, as far as being behind the scope and ID'ing, ya know, looking at tracks, and knowing the criteria, and knowing the rules of engagement, knowing my self-defense criteria and uh, being familiar enough with like ACOs and SSTOs and how those work with the entire system and how you fight the fight. So, I felt very comfortable, but, as far as being behind that scope and what not, the parts that as--as far as maintenance was the one thing that I felt I was lacking on, as far as what faults actually are not necessarily --just little faults, like, you know, what does this do, and getting more familiar with that and, no, nobody said that a [REDACTED]

Q: The procedures you followed, do you think they were the normal procedures?

A: I think they were the normal procedures, I can look back and say that I might have maybe waited longer is what I would say is maybe I could have done differently and what not--I mean you know I don't know how I can--my actions--I made the decisions that I've made and I'll have to like live with that basically, and there's a lot of things I could have said that I would have done but it is not gonna' help it out now.

[Questions from LTC [REDACTED]]

Q: Questions by LTC [REDACTED]
A: Answers by 1LT [REDACTED]

Q: You talked a little about your training, you got assigned to the Battalion when?

A: I've actually been in the battalion for a year, but under circumstances, um--I've kind of moved batteries, and I was in---

Q: Can you tell me about-- you were assigned to a Battalion, and you were assigned where?

A: I was assigned to Echo Battery.

Q: And your position was?

A: I was the Fire Control Assistant Platoon Leader, and um--I TABLE 4d in that Battery and there was another LT ahead of me who needs a TABLE 8. So he was gonna' TABLE 8 and then I was gonna' TABLE 8, but right after he basically got TABLE 8'ed, and they were gonna' start on my training, the decision was made to move me to HHB to be their XO.

Q: Do you know why they made that decision?

A: Um--all I know is that HHB needed an XO, the commander needed an XO, um--I don't know why I was chosen, um-- it was the Battalion Commander's decision and what not to move me over there. And he was also weighing with the idea of possibly making me a TD in the 3 shop. So I actually TABLE 4 Bravo in the ICC--.

Q: OK, let me be clear about that, ok. Lets go back, you were in E Battery, and you took your TABLE 4 Alpha written test in E Battery---

A: Yes.

Q: You took your TABLE 4 Bravo in the ICC, is that what you are saying?

A: Yes.

Q: Just for the sake of everybody here, she took the written test in the Battery, but she actually took the practical exam in the ICC. So you were the HHB XO?

A: Yes.

Q: So tell me a little bit about the time you spent getting ready to do a practical exam in the ICC.

A: Well, basically it was about the time between me going out to--the equipment was actually--this was during all the Ls classes, the upgrade classes, so the equipment was out at AMI. For, oh gosh I do not even know how long, um--but, it was basically my time, bouncing my time and duties as an XO and also going out and training with [REDACTED] out at the ICC and he was running me through air battles and what not--and also with a TDA who had been in the ICC for a while because they needed more TD's. So we were running through TAB's, we were running through the different functions, because obviously the ICC is different than the ECS.

Q: Did you take another 4 Alpha test for the ICC?

A: No, they said I was still in tolerance with my um-- as far as uh-- my TABLE 4 Alpha.

Q: So as far as you know, in the Battalion, the 4 Alpha test for a TD is the same as a 4 Alpha test for a TCO?

A: Yes, as far as I know. Because on both, they do ask questions about the ICC, regardless of whether you are in a line Battery or whether you're in the ICC, you have to know a lot of the same questions, even about radar, just being on the other end of the ICC, what I've been told is that even though you do not have the radar, you have all these other Batteries you are in control of and so you need to be familiar with what happens if their launcher goes down, what happens if their radar goes down and what not, and be able to give them guidance as well. How to like fix that for them to come back up. So I took that test, and, but, after that they pulled up other lieutenants from different Batteries to be TD's.

Q: And that was about what time frame?

A: That was around um-- September. I took the test in August sometime, and then in November, they made another decision to move me to C Battery, because C needed basically another LT, and they had switched, there was a LT in C, and he, they basically flip flopped our positions. So I moved down there, and once I got down there, it was about the time I needed to take another TABLE 4, the commander wanted me to TABLE 8. Be able to become a crew in the van, so that is when I started training and studying for my TABLE 4 test, started training in the van with my crew. That is how I have progressed.

Q: So you had to retake the TABLE 4 Alpha test?

A: Yes.

Q: The first time you took the TABLE 4 Alpha did you pass the first time?

A: Yes, I did.

Q: Do most of the people pass the first time, the TABLE 4 Alpha?

A: Um, I would say it's ----

Q: Just your personal knowledge of those who are friends.

A: Of those friends who have taken it, there are a few who don't pass the first time. Some who have to like take it a second time and what not, and ya know, there's numerous --. there's like numerous like 500 questions that could possible be asked. I mean, so, the knowledge is --.they have to have is very vast. And they only pick, I believe it's 40 questions, um, for the actual test. But you still--it could be any questions so you have to know a lot of information.

Q: So in November you took the TABLE 4 Alpha test again.

A: Yes. It would have been--I can't remember exactly----

Q: It doesn't need to be exact----

A: The beginning of December, the end of November, beginning of December.

Q: And so, in December you started TABLE 5 training?

A: Yes. I mean basically we started-- my crew had been identified, we started going in the van, running through TAB's, running through TAB entries, running through ready for action drills, ya know, basically building up to the TABLE 8.

Q: And how much time in December, with all the other things going on in December, the Alert orders, do you think you got to spend doing that? Just a rough magnitude.

A: Geez, probably a couple weeks. Around there, a couple weeks. It was basically half day training on the week days and then we would do weekend training too.

Q: And who's primarily conducting that training?

A: It was our Battery Trainer, um, LT [REDACTED]. He was primarily the one who was conducting that training along with another TCA, experienced TCA who was conducting, ya know, both had eyes on my TCA and myself and my 31.

Q: And how does your unit or your Battery determine that you're ready, that you completed TABLE 5 and you're ready to move on?

A: They basically just, I mean they run us through evalu--- like what they get is like kind of from like EMO esTABLishes and everything and how they evaluate what criteria they look for and what not, and things that are timed and everything as far as [inaudible] also things where you get cut points for certain things in an air battle that you don't follow right, they basically get the criteria from EMO. So, he was following that criteria as far as evaluating us and uh, and determining whether we were ready to get evaluated by Battalion.

Q: So as far as you know, how many times did your tactics trainer give you a mock evaluation one or more times?

A: Yes, we pretty much built up to that. I can't tell you how many times, I can't remember how many times he gave me a mock evaluation, pretty much every time he ran through something on basically some level it was a mock evaluation. He was always evaluating us to see how--as far as to evaluate our training.

Q: OK, I'm just trying to draw a little bit of a distinction between sitting there with you and watching the simulations that are helping this training and that being a little bit

different than, OK, we walk in today, I am going to give you a test to see where you are at. Did he ever do it like that?

A: It's not really----it's not really like I'm going to give you a test, it was basically like we'd run through scenarios and we'd do that everyday repetitively and what not, and during those scenarios he would be evaluating us. So it was never like any day, 'OK, today you guys are getting tested, or I'm going to be evaluating you' -- he would evaluate us every time we were in the van. Any mistakes he would notate down what he saw, what we were doing wrong, what we needed to improve on.

Q: Did you have a timeline imposed on you by your commander to be TABLE 8?

A: Uh, they wanted us to be TABLE 8'd before basically when the time crunch was coming down, at first they didn't think our Battery was going and then, ya know, well maybe you are now, ya know--.from my understanding they wanted us to be TABLE 8'd before we went ahead and deployed-----

Q: So when did you find out about that?

A: Well, I didn't--it was kind of, nobody ever really told me, but it was something I knew needed to happen. You know, I knew I needed to get TABLE 8'd, and whether we were going to be deployed, or whether we were going to the field, that was something that needed to happen. As far as like a timeline, like you will be TABLE 8ed by this time, timelines are put out. They wanted me to be TABLE 8'd by the end of February, but with the training and the things kind of changing within the Battery, um--other Batteries having to train on our equipment as well as us, things, like we sort of had to develop a schedule to where we could work around other Batteries, as well as develop our own crews and what not. that is basically what we kind of did. There was really no set, you will TABLE 8 by this, but at the time winded down and we were getting closer, I knew that um--if we weren't up to the standard that we needed to be, and you know, Battalion and my Battery trainer did not think we were up to that standard, it would be, well you guys will just get more training. If that has to be weekend training, you know, extra training, its whatever they thought was necessary for us to bring us up to the level, to the standard we need to be at.

Q: OK, so this, the realization that, I mean, there was a perception that by the end of February you needed to get TABLE 8'd - I understand that. When did that perception dawn on you?

A: Really, probably I knew it was coming when, as soon as I went to the Battery. Like I was moving to a line Battery, you know?

Q: That it needed to be by the end of February?

A: Not by the end of February. We probably discussed it in the end of December before I took my TABLE 4, when they wanted me to be able to be TABLE 8'd. It was nothing set in stone, you know it was something to shoot for.

Q: So normal discussion in the Battery?

A: Yeah, discussion as far as training goes to the whole Battery.

Q: And that was in December, sometime in December--

A: Um-Hum, sometime in December.

Q: Now in January, your Battery, did it have any other missions it was involved in?

A: Um, as far as what missions?

Q: Uh, didn't you have part of your Battery deploying--

A: Part of my Battalion was deploying.

Q: Was there any involvement with you supporting those deployments?

A: Yes. We were involved in supporting as far as use of our equipment for these Batteries to go ahead and run through an MRX and everything, and to um--help support us and D Battery to help support the three other firing Batteries with their MRX. So basically using our equipment to do some training on it as well.

Q: So A Battery, B Battery, and E Battery all began deploying, do you remember roughly when?

A: I believe they began deploying in mid January.

Q: So mid January is when they started using your equipment?

A: I would say yeah, around mid January is when they started using it.

Q: And do you remember how long that went on before they actually deployed?

A: I'd say, for all three, probably a week. They were using two Battery's equipment, they were not just using ours as well. It was us and D.

Q: Well how much time did you get to spend on the equipment the last two weeks of January, just out of curiosity?

A: Um, basically what we had worked out is that, uh--those Batteries would use it in the daytime, as far as, you know, the normal duty day hours, maybe until like 1500. And at that time my crew and I would go ahead and hop on the equipment and use it until maybe like 2000 or 2-100. So--

Q: So you did get like 2 or 3 hours in at night?

A: We would get probably like from 1500 to like 2-100, or however we wanted because it was our equipment.

Q: Was your Battery also supporting activities out at White Sands?

A: Yes. We were supporting activities out at White Sands um--so we actually, the equipment I trained on for some of that time was not our Battery's it was D equipment that I was training on, because theirs wasn't occupied or in use.

Q: So let me be clear about this. There was one Battery's equipment supporting the training of all 5 batteries?

A: No, no, our Battery's equipment was used prior to our getting the live fire mission.

Q: And that was?

A: We got the live fire mission the end of January, like the 22d I believe our equipment had to be at White Sands, and everything so prior to that, our equipment was, 2 Batteries equipment was being used to support other Batteries as well, it was supporting my training as well, too.

Q: Were you involved in White Sands?

A: No, I was not. It was another Lieutenant in our Battery.

Q: Who was it?

A: It was Lieutenant [REDACTED]

Q: So you then got TABLE 8 certified, when?

A: I TABLE 8 certified in the first couple of weeks of February, I can't remember the exact date. But it was around February.

Q: Could you describe for me just how, in general, how than evaluation is conducted?

A: Basically its uh--you have your--

Q: Let me be clear. How it's conducted, and was yours done in any way different than normal?

A: No it was not. It was, you have your march order and placements, um--and you have your air battle. So my training wasn't conducted any differently, or evaluation I should say, wasn't conducted any differently than anyone else's evaluation.

Q: Ok. So you march ordered and placed the entire Battery?

A: No, no, it was just the system. It was stand-alone.

Q: Stand alone meaning that--

A: Meaning that it's just, we march order and placed the ECS, and we had to go ahead and bring in our launchers.

Q: You did have to bring in the launchers?

A: No, the launchers were already in place, but you go in the van, and you have to bring the launchers in the van.

Q: Ok, and is that the normal way a TABLE 8 is done in your Battalion?

A: Um--for a stand-alone TABLE 8, yes.

Q: And who did the certification?

A: It was Lieutenant [REDACTED]. He is the Battalion EMMO.

Q: And you passed the first time?

A: Yes.

Q: Would you describe, you're in C Battery now. Just tell me a little bit about all of the duties you have as a Lieutenant.

A: Um-- was coming to C Battery because I had not gotten a lot of Platoon Leader time, they wanted to see if they could get me some more Platoon Leader time. Um--so I was put as HQ Maintenance Platoon Leader and what not. At the same time they did not have an XO, either, and with that Platoon leader slot, because you had, you have a lot of HQ people in your platoon, and I kind of, well the duties were divided up between lieutenants as far as XO duties. But as far as updating slides, and basic XO duties, I covered down on because I was experienced at it I did well in HHB, I didn't mind helping out the Commander, um, doing that for her.

Q: So you were the XO, you were the HQ Platoon Leader--

A: Kind of, yeah.

Q: As the Commander got overwhelmed, you were the XO.

A: Yes, well I covered down on, because I was familiar with it.

Q: Did you have any other extra duties?

A: Um-- I was also our Battery UMO. So that TABLE

Q: So did you get any formal training for that?

A: No. Um-- actually, nobody, well very few people for our Battalion had a lot of formal training for the UMO.

Q: So when you Battalion started deploying, was there a lot of emphasis being put on figuring out how to be a UMO?

A: Um, I already had some experience when I was in HHB, I was the UMO there, too. So it wasn't, as far as covering down onto another Battery. I already basically knew what I had to do. And if I had any questions, there was the Battalion UMO who I could go to

and ask questions, and you'd get answers for as far as what requirements they needed to have for us for deployment.

Q: Well let's talk a little bit about uh--just as we were ramping up for this operation, and the emphasis became focused here. Some of the things from a tactical and operational standpoint you and your unit may have begun to focus on. Did you go into any special tactics seminars, training programs before you deployed over here?

A: Yes, my Battalion had the training with you and Mr. [REDACTED] as far as, um--the PAC 3, concerning the type of threat that we could encounter in theater here, uh--from Iraq, and uh--you know concerning how the system, the coverage that the system could provide, its weaknesses and strengths, and what not, and how we were gonna' take that all in together to provide the best air defense coverage that we could for the mission that we were given.

Q: Could you describe, that was one on a Saturday morning, what is your understanding first of what the threat was to you over here at that point of time, taking that class and everything else that your Battalion had been talking about. What was your understanding of the threat?

A: They say it was a TBM, a TBM threat was my understanding. And different types of scuds that TBM said he possessed. TBM Aphas, AL SAMOUD, Ababils, the FROGS, the Al Husseins that he had and what not, and you know how our system engaged those types of threats.

Q: Let me be clear and help you through. There is enemy capabilities and there is what we think the enemy might do. What did you understand the enemy might be capable of doing against your Battery? Was it just TBMs?

A: Um--I can't say for sure, I think so.

Q: That's ok. That's fine. Do you recall thinking that there was an air breathing threat?

A: I don't recall thinking that, actually. I can't remember if that was mentioned or not.

Q: How about Cruise Missile threat. Did you think. Do you recall any classes about Cruise Missile Threats. Did anybody give you that?

A: Um--possibly Cruise Missile threat, once again I'm not--I'm not absolutely sure.

Q: Ok. How about uh-- [REDACTED] Did you have in your mind at all any capabilities about [REDACTED]

A: I wasn't. I'm not sure if that was ever brought up.

Q: Ok. What uh--what kind of concerns did you have, if your understanding was pretty much TBMs, let's kind of focus on that for a second. What did you, uh--what were your

concerns about TBMs in terms of how you were going to fight this battle with skills you needed to have, or what the system was going to do for you, or not do for you, what?

A: Um--I knew that the concerns-- I knew that there was possible uh--with the PAC 3 system there's possible, with [REDACTED]

[REDACTED]. So I knew that there was that possibility. But as far as anything else--

Q: That was caused by--what causes that?

A: [REDACTED] it was something in how-- I'm not sure if it was the radar--

Q: That's fine if you don't remember.

A: Yeah, I can't remember. But um, as far as, I mean, I really didn't have any doubts in the system, or the type of air defense coverage it could provide.

Q: Lets just talk about a couple of things specifically.

A: Ok.

Q: There is probably a lot more going on here that you can spit out with all these people staring at you, so just. Um-- Al Husseins, the long range TBM. What do you remember about Al Husseins?

A: I remember those um--that was actually, I believe [REDACTED] and what not. And that um--there was different things with the keep out altitude as far as engaging that um-- you know, to where it could uh--it could like disseminate like if you were to put chemicals on those war heads as far as disseminating, um--the chem threat in the atmosphere.

Q: Well what about, I might have missed it. What did you say about engagement altitude?

A: It was that the keep out altitude was, I can't exactly remember what was said about that, but um-- I knew that there was differences as far as uh--the keep out altitude to where that, you know the TBM is--It would be engaged, the Al Hussein would be engaged. There was some differences.

Q: Differences than what we normally default--

A: Yeah, that we would normally default the system.

Q: Then we were going to have a different keep out altitude--

A: Yeah, I believe so, for the Al Husseins was gonna' be different for the um--for the PAC 3 system.

Q: Ok. Um--how about the AL SAMOUD. Anything you remember about the AL SAMOUD--

A: Well, AL SAMOUD I know that you um--you allow nominal override--

Q: Why?

A: Uh--because basically it is [REDACTED]

Q: Ok. Um--are there, do you remember the ranges that AL SAMOUDs can attack from?

A: Um-- [REDACTED] I'm not positive. I know we have the ranges posted inside the van, but I cannot remember off the top of my head.

Q: Do those ranges have any impact on how the system performs that you need to be aware of, or that you recall being taught?

A: [REDACTED]

Q: Ok. How about the uh, the ABABIL, do you recall that missile?

A: Actually--

Q: You met one recently and you met it quite well.

A: Actually, I think I'm sorry, it was the ABABIL, that was the one. I mixed up the [REDACTED]

I remember that now. Um--but, uh--so, basically everything [REDACTED]

Q: Ok. Um, that would be on the [REDACTED], you recall uh--any relationship between them?

A: Um--I know they are both TBM's, they are categorized as the same type of TBM.

Q: So an ABABIL and an AL SAMOUD will always be classified [REDACTED], is that what you said?

A: Um--well that, yeah, yeah, that is the general classification that I know that they have been given [REDACTED]

Q: Well, when you say classification, are you talking about just how we describe it in a book, or are you talking about what the system does?

A: Well I'm not sure how we determine our classifications, but I know that I've been taught that AL SAMOUD [REDACTED] and that an ABABIL [REDACTED] That's just how either we give them those types of classifications because that is how our system calculates you know, what type of TBM they are.

Q: So as far as you recall in your training, uh--an ABABIL, or an AL SAMOUD will always be classified in the system, on the track end data TAB, you know that little spot where it says classification--

A: Um--hm.

Q: will always be classified as [REDACTED]

A: Well, I don't want to say always. I mean, I guess, yes.

Q: I am just trying to, you don't have, I am just trying to draw what you know about that threat coms, what your expectations are, because if it, if it [REDACTED] comes in, what if a [REDACTED] comes in? What--

A: I mean, I have been told that, basically how the system classifies it is just basically the system is doing math. And how it is calculating speed and how it is coming in toward the asset, like diving or what not, trajectory, and all that. And that, basically the system is doing math, and that is how it calculates certain types of [REDACTED] or [REDACTED] and that um--but just because something is classified as a [REDACTED], does not mean that that's not an AL SAMOUD to an ABABIL, its just doing a math problem, basically--when it comes in.

Q: So uh--and ABABIL could be classified as a [REDACTED]? Is that what you just said?

A: Um--I guess so. It just depends on how it is flying and what uh--how the radar or how the system is um--calculating all the information to determine that classification.

Q: Do you know in general what might cause it to go from a [REDACTED] to a [REDACTED]?

A: No. I don't know what in general might cause it to do that.

Q: What, just out of curiosity, what are, for everybody here, can you tell us what the various classifications are that you were trained to--

A: Well I know um--we were told that FROGS and AL SAMOUDs--

Q: No not threats, but--

A: Threats

Q: What other various system classifications are there?

A: Oh, well there is um-- [REDACTED]

Q: Ok. do you recall any particular threat to, lets go back to the alphaville and where it could be a [REDACTED], it could be an [REDACTED], are there any other classifications that you recall in your training that a [REDACTED] that an ABABIL or and AL SAMOUD could be classified?

A: I--no. I have always been told generally that we have blanketed them as [REDACTED]. Now I don't know, like I have never, so I don't know like, I wasn't familiar with the system changing classifications on it, but just as a blanket statement, that they were just classified as [REDACTED], and this how I was taught.

Q: Ok. Um--the uh-- [redacted] for example has [redacted]

A: [redacted]

Q: Ok, what about uh--and I am just kinda' get through this just to understand your decision process as to support and understand. Um-- [redacted]

A: Um-- [redacted]

Q: [redacted]

A: [redacted]

Q: [redacted]

A: [redacted]

Q: And as far as your normal operation here, which search--

A: [redacted]

Q: Ok. Lets talk a little bit about um--where--what are the procedures that you're supposed to be following right now? Where do you get those procedures from if I asked you to reference self defense criteria, where does that come from? What is governing how you conduct your duties in the van?

A: [redacted]

Q: The South West Asia TSOP?

A: Well, yeah, I mean you get it from--what do you mean, which TSOP?

Q: Who published the TSOP that you are talking about?

A: 32D AAMDC.

Q: Well is it the same one you studied back in Fort Bliss?

A: Um--I know certain things change when you get to um-- when you get into um--in Southwest Asia. That, as far as FORSCOM and um--criteria in Southwest Asia criteria.

Q: Can you give us an example?

A: [REDACTED]

Q: Ok. Where, if I asked you to go and get this for me, written, where would you go to get the self defense criteria?

A: The self Cri-- I would go um-- to the TSOP.

Q: The FORSCOM TSOP?

A: Yes, but I know also changes come down, um-- in that you get every day from the SPINS or what not, or as far as like, not necessarily having to do with like self defense, but just umm--just changes to threat, um-- you know, how you engage, and what not--

Q: Just to use the example we've been talking about, are the uh--self defense criteria, have they been changed by the SPINS, or are they what is in the TSOP?

A: No. not that I am aware of. I mean self defense criteria uh--have remained the same.

Q: Ok, so just out of curiosity, just give me a couple of, like [REDACTED]

A: As far as what type of--

Q: As far as self defense criteria

A: As Far as an ABT?--

Q: Correct.

A: [REDACTED]

Q: [REDACTED]

A: [REDACTED]

Q: So why don't you give me a feel for what you see your job as a TCO to be. What are the things that you need to do to be successful.

A: The things that I need to do to be successful is um--to um--basically the correct entries for the TAB's, you know, know how to check TAB's to see if they are correct or not, um--so that if there is any mistakes, that you can fix those. Um--to know, you know, the rules of engagement, to know what is considered self defense, to know you know what link up procedures are, what hostile criteria is, what is considered a true friend, what is considered an assumed friend, how we determine those um--how we get a true friend, how do we get an assumed friend, um--and what not, and basically the book answer is you know, friendly protect which covers a wide spectrum of things that you need to know, and you also need to be um--the way I see it, you also need to kind of be well knowledged like in your TCA's job as well, as far as making sure your equipment is functioning properly in order for you to, you know, track those targets or, and if he'd be engaged you know, a target, make sure that your launchers, you know are working properly. Make sure your radar doesn't have any faults that um--could cause, you know, could basically downgrade how you're performing your mission, and what not.

Q: OK, well lets uh--kind of skip ahead to the night in question. Um--you went on duty at what time?

A: Um--that night I went on duty at 2300.

Q: 2300 local --

A: 2300 local time, yes.

Q: And could you describe, just briefly, what the crew change over procedures are?

A: Um--crew change over procedures are--you come in, the out briefing crew usually kind of runs down the events that happened in their shift, and if any significant events happened on the previous shift, um--you know, you as, ok, so as far systems are concerned,

[REDACTED] You know as far as like you have to fix, you know, is there anything wrong with the launchers, you know as far as the faults that you have, launchers not coming in, launchers need refueling, um--also you know, um-- is there anything that, certain suspense time that was given down by higher that you must meet, um--as far as something is gonna' change, Ok, the ACO, let me give you an example, the ACO is changing at this time, you know make sure you, or the SSTO is gonna' change, you know just make sure that if there are any changes, that you need to do and the TAB's or in the system, that you do that. Or if in the system, that you do that. Or if there is any information that has come down, you know we're no longer doing this, like we're no longer, I don't know, we are no longer an example, engaging IPOUTs. You know just pertinent information that you need to know. And then once you get into that seat, that is when you verify, uh--you go through the TAB's, you make sure the TAB's are correct, uh-- you uh-- you know make sure that your, all the switch indicators that you need to have, you console is basically configured correctly, and what not, so--

Q: OK, do you have a checklist that you go through?

A: Um--yes, we do have one posted in the van, which probably has a little bit, yeah, so-- you go through it and you check off things--

Q: Do you log it into a log that you've done that, you've changed over?

A: Not, yeah you log it in that so and so's crew has just come on and done change over. Now um--for the most part, we do not log in every single thing that we do, but, um-- certain things um, as far as with the equipment, as far as when faults appear, and also when

[REDACTED] when you know, just so that I know it [REDACTED] has happened, sometimes where the whole [REDACTED]

Q: Ok, um--do you remember now, during that crew change over, lets just start with the equipment. Were you briefed about any equipment problems?

A: Basically, from when I came in on shift that night, um--there was nothing out of the ordinary that was going on with the equipment, going on scope, you know as far as what the radar was tracking, um--it was from what I knew it was a, for lack of a better word, average, or nothing was out of the ordinary that had happened with the crew before mine, as afar as prior to my change over.

Q: Um--do you recall, you may not, and uh--I would imagine in your log that there is a SAM status report that is reflective of your status at that time. Is that correct?

A: Yes, yes.

Q: Yeah, can we get a copy of that sometime?

A: Definitely.

Q: Do you recall uh-- anything that was non operational, or operational at the time?

A: Um-- nothing new, I believe there has been so many changes with our launchers, but I believe at that time there was still one launcher down, um--

Um-- there was, what else was on that SAM stat rep, uh-- basically there are no new faults, there is nothing that had popped up like oh now we're getting a hard whatever fault. There was nothing no fault that had popped up like that.

Q: Um--your embedded data recorder, what was the status of that?

A: Oh yes, that was the other thing, that had been touch and go the entire time we've been here. Sometimes it works, sometimes it didn't. After it would run, but it wasn't recording, so our Warrant was troubleshooting that, he thought he got it working again, because we actually had an EDR coming into us, but that was given out to another Battery, that was North, that was Echo Battery. So we put another one on order, um-- Echo Battery had, and we were gonna' receive that one as soon as it came in. So, you know, as far as the EDR, it was running, we were not sure if it was recording, or not.

Q: Ok. Um-- was there a tape in it then, if you weren't sure?

A: Um--there wasn't a tape in it at that time, the last tape was actually the day before the war, we had our first scud launch, um-- I had a tape in there, and I ejected it and what not, I am not sure if there was anything on it, but when I ejected it, and we tried to put another tape in, it just kept spitting it out. The EDR just went kaput.

Q: Alright, how about, you say when you change over, you validate TAB's. How do you do that?

A: Um-- basically, go through, I guess I say a series of TAB's. You check, you know all the, check um, go through, I don't want to say every TAB, but I'd say the majority of the TAB's, you go through TAB 1, TAB 5--

Q: Is it a certain number that you go through from your SOP?

A: Um-- we actually don't have it written, every single, I mean, we don't have, yes we do it is not written out, but that is how we've always trained is that those are the TAB's that you go through, and everything.

Q: Ok, for the benefit of everybody else, the TAB's are how we initialize the system, the condition we put it in, the threats, uh--how we're going to engage what missiles we have, its—

A: Yes.

Q: Ok, how about the IFM TAB's. Why don't you talk about those?

A: Um those TAB's are, you have um--you have your TAB one, you have your um-- basically uh-- you have your TAB 6 which is probably one of the main ones—

Q: What is a TAB 6?

A: TAB 6 you have um-- if you're in auto IFFing, basically you authorize that TAB 6.

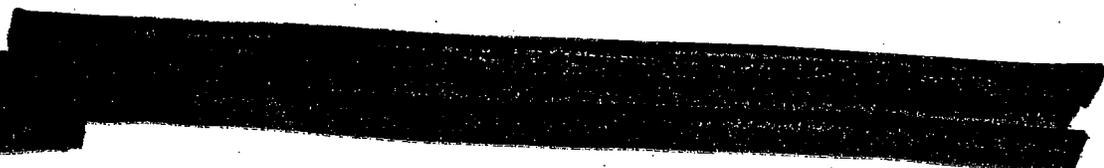
Q: And were you auto IFFing?

A: 

Q: And you were in Alert state 2 at the time?

A: Yes. We were in Alert state 2. So and then you also—

Q: Alert state 2 just means TBM search. It is battle stations, but TBM search. In Alert status 1, is Battle Station and ABT search.

A: 

Q: Were the codes properly configured—

A: Yes—

Q: everything was good there—

A: 

[REDACTED]

Q: So not only was the TAB alright, but you saw friends—

A: Yeah, we saw friends, and we saw no fault in the fault data TAB.

Q: And you had hard copy. At least one of those because I have seen that—

A: Yes, yes. So you were seeing, and as far as what I, the previous crew, if something like that happened, um-- that would be like you know pertinent information that the crew before me would have to say, "hey, we're not seeing true friends, we don't know what the problem is, its not either loading the codes or--" so [REDACTED]

[REDACTED] Um--whatever, however we may be able to do that and everything. We would have our system maintainers out there.

Q: Ok, [REDACTED]

A: [REDACTED]

Q: [REDACTED]

A: [REDACTED]

A: [REDACTED]

Q: [REDACTED]

A: [REDACTED]

Q: [REDACTED]

[REDACTED]

A: Yes, yes I checked TAB 73, they were not loaded—I'm not absolutely [REDACTED]

Q: So the previous crew did not have them loaded?

A: the previous crew did not have them loaded as well—

Q: So this was uh, when was your duty before that?

A: The duty before that was, I was on from 1100 to 1500, and—

Q: Were they loaded then?

A: I--I, no. I didn't, they weren't. I can't remember [REDACTED] not.

Q: Ok, uh, so as far as you know, how was that going to get resolved?

A:

[REDACTED]

[The Board recessed.]

[The Board resumed and 1LT [REDACTED] the witness was reminded that she was still under oath, and her testimony continues as follows:]

[Questions by CW3 [REDACTED]]

[Answers by 1LT [REDACTED]]

Q: I want to direct into that night, and that decision making process. I want to get a better idea of that. Why did you authorize your TCA to engage that track?

A: [REDACTED] um--I saw that it was basically coming towards our asset, coming down on our asset, and my, basically it was self defense, was what was going through my head as far as that track being that close to us, and um-- coming down towards our asset.

Q: I have the benefit of knowing how large your asset is. Would you agree it is rather large? It is a large asset, right?

A: Yes, [REDACTED]

Q: What is the real danger of an [REDACTED] If an [REDACTED] strikes the earth, is that your danger? Is that self defense?

A: No, um-- an [REDACTED] basically is [REDACTED] and it is something that is coming, well it seeks radiation.

Q: So the [REDACTED] threatening your asset, is that the best terminology to use? What is the [REDACTED] actually threatening?

A: The [REDACTED]

Q: Right. So you see this [REDACTED] on your scope, what makes you think it is a [REDACTED]

A: Um--

Q: Why not another radar? You said that the asset is very large, I am sure that there are other sensors in the area. What made you think, in your mind's eye, that this is an immediate threat to you in this Battery?

A: [REDACTED]

Q: Is there a criteria of [REDACTED] that you're--what's the measuring stick? When you see the [REDACTED] on the scope, you validate some information about the [REDACTED] you determine if that [REDACTED] is threatening, non threatening, what is that criteria?

A: Um--well, you evaluate um--its um--it's speed, um-- its heading, um--but from what I have been taught is that um--for self defense, [REDACTED] are considered something that are self defense.

Q: Did you evaluate the track speed and heading before making the decision to engage?

A: I did, yes. I did evaluate the speed and um--and I saw, I mean, I did, I did evaluate the heading. I saw that it was coming towards us, basically, and even though the speed was initially higher when it actually dropped as it was coming toward us.

Q: So just trying to get you a little on the criteria, what is the speed criteria? If it is below the speed, it is not an [REDACTED] if it is above the speed, it is an [REDACTED], or vice versa. What is the criteria?

A: [REDACTED]

Q: So did you make a conscious evaluation that this is the speed this guy is going, and it falls within that window?

A: Yes.

Q: How fast was this [REDACTED] going?

A: Initially it was going, [REDACTED]

Q: [REDACTED]

A: Yes.

Q: Roughly how [REDACTED]

A: Its I can't remember the conversion off hand—

Q: Were you able to remember the conversion that night?

A: Yes. Um--yes.

Q: Where is this criteria of how to judge a friendly [REDACTED] versus a threatening [REDACTED]. Where--where is this information posted? Where is it available to you?

A: As far as friendly versus—

Q: I don't want to say a friendly [REDACTED], I don't think there is such a thing, but a threatening and a non threatening. Where is this criteria that you base your judgment on to engage or not engage. Where is that information available to you?

A: Um-- well it is available in the TSOP. But I never remember really going over or training with that information in depth.

Q: [REDACTED]

A: [REDACTED]

Q: Is it fair to say that you let your higher be aware? Give them situational awareness?

A: Yes, you make them aware of the situation that you're in.

Q: [REDACTED]

A: Um---

Q: [REDACTED]

A: [REDACTED]

Q: Sure, That's quite like TBM's. Who is the engaging authority for TBMs? Do you need to call over to a launcher section to say, hey can I engage a TBM? You don't—

A: [REDACTED]

Q: [REDACTED]

A: Yes.

Q: [REDACTED]

A: [REDACTED]

Q: And that is well documented?

A: Yes.

Q: I think what might not be so well documented is who is authorized to engage an [REDACTED] but that is my opinion. [REDACTED]

A: [REDACTED]

Q: [REDACTED]

A: [REDACTED]

Q: Is it [REDACTED]

A: [REDACTED]

Q: [REDACTED]

A: Yes.

Q: Did you believe you were engaging an aircraft that night?

A: No, I did not.

Q: What did you think you were engaging?

A: I thought I was engaging an [REDACTED]

Q: Did you that night, do you now think you had the authorization, the authority to engage an [REDACTED]

A: Well, repeat the question again.

Q: Right, do you have the authority to engage and [REDACTED] You as the TCO?

A: [REDACTED]

Q: Ok How much activity do you think was on the scope. Would you consider it a light night, a medium night, a heavy night? Was there a lot of aircraft on your scope that night.

A: Basically it kind of went in waves, but I would say it was generally a medium night, it wasn't light, but it wasn't heavy, as like maybe previous nights before where we were seeing actually a lot of the cruise missiles going north, and a lot of aircraft going north, and what not. But I would say it was a medium, probably a medium, yeah medium night, I guess.

Q: Right. But all that traffic going north, you could pretty much say, "That's going away from me, that is not a threat." Is that correct?

A: Yes, that was previous night, there was a lot of traffic.

Q: Did you notice any other aircraft in the immediate vicinity of where the [REDACTED] appeared, to be detected on your scope?

A: Um--not that I can recall. I mean there was a few aircraft, probably like a couple, like that weren't that far away from it, but um-- I noticed that, yeah, there was maybe a few aircraft that was somewhat away from that [REDACTED]

Q: I am speculating, with my past experience, and you tell me if I am right, that there was not an aircraft that you felt launched an [REDACTED] at you. Is that fair?

A: [REDACTED]

Q: In the event that you did see a [REDACTED] what are some of the actions that you would take?

A: [REDACTED]

Q: [REDACTED]

A: [REDACTED]

Q: But as you said, you did not see an aircraft that gave you the indication that there was an [REDACTED]

A: No. I didn't actually see anything.

Q: [REDACTED]

A: Um--basically, in the heat of the moment, you know, I was trying to think of everything I could possibly do to, you know, and [REDACTED] you know, I just was trying to um-- to, you know in the heat of the moment that's just something I did. I can't explain why, I just did.

Q: Did it go through your mind that this might be an aircraft, [REDACTED]

A: Um--possibly, yeah, that it could have, you know, I don't know. I can't really answer that, clearly.

Q: It was more of a reaction—

A: Just a reaction.

Q: Questions from BG Lennox.

A: Answers by 1LT [REDACTED]

Q: When the track appeared on the scope, the one that you engaged? What was the symbology that came up?

A: The symbology was, [REDACTED]

Q: [REDACTED]

A: [REDACTED]

Q: And you had not seen that track, to your knowledge, you or the TCA, seen that track in any other form before that?

A: No, I hadn't seen that track previously.

Q: So it didn't have any [REDACTED] symbology—

A: [REDACTED]

Q: Could it have been on there as an ABT, and because you were turned away you did not see it change, and your TCA might have been paying attention to something else? Or are you pretty confident that it wasn't on there?

A: I am pretty confident that it wasn't on there. Um-- pretty sure that from what I saw it just kind of like popped up.

Q: I think we've confirmed, I want to make sure, [REDACTED]

A: Yes. It might have [REDACTED] because I can't [REDACTED]

Q: [REDACTED]

A: Yes. I'm not absolutely sure that [REDACTED]

Q: Can you give me a feel for how long you felt like, you said the target popped up [REDACTED]

A: Yeah, within, I would say, because there is [REDACTED] but [REDACTED] so between like to point at the bottom where, you know, the scope goes down, and where you are at to where the [REDACTED] range ring is, I would say it was about [REDACTED] between that.

Q: Can you give me a feel for what you thought that night, the time between when an [REDACTED] would show up at that point, and when it would hit your radar, how much time you had to operate under?

A: Um-- [REDACTED] I'm not sure, though, like how long--

Q: Is it safe to say that the [REDACTED] symbology that you've never seen on your scope before. Let me ask this way. You have never seen [REDACTED] symbology, you said, on your scope before in real life.

A: No. Yes, that is true.

Q: Did that raise you apprehension, did you, did it cause any reaction?

A: Well--

Q: Make you worry?

A: It brought my defenses up, I guess, is the best way of saying it, to see something like that, because it wasn't a TBM, and it wasn't, you know, I mean, yeah, because I've never seen an [REDACTED] you know, on scope before.

Q: Ok. Did you happen to notice what the time to last launch was at all before looking at the hard copy while you are going through this process. Do you have to check that?

A: Um-- I didn't check it probably as close as I should have. I thought that we didn't maybe have as much time as we actually did.

Q: Ok. Ok. When you, in training, when you had [REDACTED] on the scope, if you can recall specifically going through the training with [REDACTED], did you have any feel for how fast they close in on the target, or what some of the characteristics were of the [REDACTED] that you saw in training?

A: Usually, mostly [REDACTED] that I saw in training, from what I can remember, for the most part were a higher speed track. You know something that would go [REDACTED] knots, maybe [REDACTED]. Some [REDACTED] You know, basically its just a faster moving track.

Q: Do you remember anything else about them, like their altitude, or anything else in training?

A: The altitude was something that like, obviously their altitude is continuously dropping, so nothing too specific about the altitude.

Q: Was this track descending in altitude?

A: Yes, it was descending.

Q: Everybody has an operations order for every mission, and your Battery has an operations order for the mission you are doing. Have you seen that operations order? Had a chance to read it?

A: Um--I have read an operations order, but as far as like I know like there's a lot of FRAGO's that come down, and what not, and you know things change and get updated, and I haven't read the operations, I mean to say that I have read the most updated version, I would have to say no. But I have like, you know read something as far as general to what--

Q: How about the SPINS that come down?

A: The SPINS I know, I have looked through the and everything, but I know usually uh-- maybe a more, uh----

Q: How do the spins come down to the Battery? Does somebody in particular go and get them, and—

A: Well usually from what I know is that you get the SPINS every day, but that, that kind of hasn't because of lack of vehicles, or you know, time, or you know we don't actually get a hard copy, or you know necessarily updates every day, as far as—

Q: Do they come over Fm, or—

A: Um, I would think that they would, but I haven't you, know as far as—

Q: You don't personally get them.

A: Me personally get them, no I haven't.

Q: So you get briefed on them during shift change over, somebody else gets them?

A: That is something that the last shift, um--the shift that gets them usually it is their job to post them or make sure that every crew is informed of the SPINS.

Q: I want to follow up a little bit on [REDACTED] question earlier about system problems with radar or the ECS. Were you aware of any problems with the radar or the system that night that might have affected how air breathing targets are transmitted on the scope, or any—

A: No, I wasn't aware, like I said I hadn't seen any faults that would cause that to be the ABT identification to be graded, and you know I checked like the operator's sets, like we had go's on ABT, [REDACTED] and what not.

Q: Are there any other problems with the radar, the system that you are aware of?

A: Um-- I know that since probably a few days ago, um--this was after the event. I am not sure of the day after or the day after that, but, you know, I know that we are, have been getting a star ECCM, like um, an intermittent fault basically. It'll pop up for like a couple of seconds.

Q: It didn't happen until after the event?

A: No, yes, but it wasn't going on at that time.

[Questions by LTC ██████████]
[Answers by 1LT ██████████]

Q: I just wanted to clarify one thing, you saw the target pop up just inside ██████████ kilometers, do you remember about where it was when you engaged it?

A: Um--it was, when I engaged it, it was, the tip of it, I am not sure how much of it, but it was already coming over into our asset. Like as far as like in our asset goes out, I guess, geez, probably like ██████████ or what not, but it was already starting to come over onto our asset on the scope.

Q: It was coming straight south towards—

A: It wasn't coming straight south, it was mainly coming mainly more, yeah south, you know what, actually I can't...I don't know, I can't remember how it was coming. I just know it was coming toward our asset.

Q: Uh, one other thing is, after you engaged, did you watch the target, the engagement and the target until the ██████████

A: Yes.

Q: Did the target continue to go straight along the path it was on?

A: Yes it was.

[Questions from Wing Commander ██████████]
[Answers by 1LT ██████████]

Q: I just have one question, you said previously that you have never seen an ██████████ track before out here, but are you aware of any colleagues or any other Batteries, any other ██████████

A: Um-- I was only aware of one other Battery, and they were, I believe it was E Battery, I am not sure which battery it was, but I believe they saw, um-- they tracked, uh it was a track and ██████████

[The witness, 1LT ██████████ was warned and temporarily excused subject to recall]

[END OF PAGE]

SWORN STATEMENT

For use of this form, see AR 190-45; the proponent agency is ODCSOPS

PRIVACY ACT STATEMENT

AUTHORITY: Title 10 USC Section 301; Title 5 USC Section 2951; E.O. 9397 dated November 22, 1943 (SSN).
PRINCIPAL PURPOSE: To provide commanders and law enforcement officials with means by which information may be accurately
ROUTINE USES: Your social security number is used as an additional/alternate means of identification to facilitate filing and retrieval.
DISCLOSURE: Disclosure of your social security number is voluntary.

1. LOCATION C/5-52 ADA	2. DATE (YYYYMMDD) 20030323	3. TIME 0724 local	4. FILE NUMBER
5. LAST NAME, FIRST NAME, MIDDLE NAME [REDACTED]	6. SSN [REDACTED]	7. GRADE/STATUS 1LT	
8. ORGANIZATION OR ADDRESS C/5-52 ADA			

9. I, [REDACTED]

WANT TO MAKE THE FOLLOWING STATEMENT UNDER OATH:

On 22 MAR 03 I saw a track classified as an [REDACTED] on scope. It appeared on the scope just before 300002 MAR 03 I could not say the exact time. The [REDACTED] appeared within [REDACTED] of our defended asset and was headed straight towards the asset. I [REDACTED] the track. It was coming in fast directly on [REDACTED] our asset. I hand copied the TRK AMP DATA Tab and called to B/2-1 that we had [REDACTED]. I gave my TCA permission to bring launchers to operate and to [REDACTED] engage that [REDACTED] I treated it as a self defense threat. There was no time to log in the 1594. The track was ided as hostile with [REDACTED]. After launch I hand copied msi inventory. My crew and I started calling up reports to higher, the LT and hot crew

My rights have been read to me.

10. EXHIBIT	11. SIGNATURE OF PERSON MAKING STATEMENT [REDACTED]	PAGE 1 OF 1 PAGES
ADDITIONAL PAGES MUST CONTAIN THE HEADING "STATEMENT _____ TAKEN AT _____ DATED _____"		
THE BOTTOM OF EACH ADDITIONAL PAGE MUST BEAR THE INITIALS OF THE PERSON MAKING THE STATEMENT, AND PAGE NUMBER MUST BE INDICATED.		

STATEMENT OF _____

TAKEN AT _____

DATED _____

9. STATEMENT (Continued)

AFFIDAVIT

I, LT _____, HAVE READ OR HAVE HAD READ TO ME THIS STATEMENT WHICH BEGINS ON PAGE 1, AND ENDS ON PAGE 1. I FULLY UNDERSTAND THE CONTENTS OF THE ENTIRE STATEMENT MADE BY ME. THE STATEMENT IS TRUE. I HAVE INITIALED ALL CORRECTIONS AND HAVE INITIALED THE BOTTOM OF EACH PAGE CONTAINING THE STATEMENT. I HAVE MADE THIS STATEMENT FREELY WITHOUT HOPE OF BENEFIT OR REWARD, WITHOUT THREAT OF PUNISHMENT, AND WITHOUT COERCION, UNLAWFUL INFLUENCE.

WITNESSES:

ORGANIZATION OR ADDRESS

ORGANIZATION OR ADDRESS

INITIALS OF PERSON MAKING STATEMENT

Subscribed and sworn to before me, a person authorized by law to administer oaths, this _____ day of _____ at _____

(Signature of Person Administering Oath)

(Typed Name of Person Administering Oath)

(Authority To Administer Oaths)

SWORN STATEMENT

For use of this form, see AR 190-45; the proponent agency is ODCSOPS

PRIVACY ACT STATEMENT

AUTHORITY: Title 10 USC Section 301; Title 5 USC Section 2951; E.O. 9397 dated November 22, 1943 (SSN).
PRINCIPAL PURPOSE: To provide commanders and law enforcement officials with means by which information may be accurately
ROUTINE USES: Your social security number is used as an additional/alternate means of identification to facilitate filing and retrieval.
DISCLOSURE: Disclosure of your social security number is voluntary.

1. LOCATION C/S-52	2. DATE (YYYYMMDD) 2003 03 23	3. TIME 1243	4. FILE NUMBER
5. LAST NAME, FIRST NAME, MIDDLE NAME [REDACTED]	6. SSN [REDACTED]	7. GRADE/STATUS 1LT	
8. ORGANIZATION OR ADDRESS C/S-52			

9. I, [REDACTED], WANT TO MAKE THE FOLLOWING STATEMENT UNDER OATH:

Q: DID YOU HAVE [REDACTED]
A: NO [REDACTED]
Q: WHY NOT
A: WE HAVE NEVER [REDACTED] FROM THE ILL AT 2-1 [REDACTED]
Q: HOW DO YOU [REDACTED]
A: TAB 73. [REDACTED]
Q: WHAT IS [REDACTED]
A: [REDACTED]
Q: DO YOU DO CREW CHANGE OVER BRIEFS?
A: YES, CHECKLIST IS POSTED IN THE VAN. [REDACTED]
Q: WOULD IT SURPRISE YOU TO KNOW THE UNIT WAS [REDACTED]
A: YES. [REDACTED]
Q: HAVE YOU LOOKED AT TAB 73 SINCE BEING ATTACHED TO 2-1?
A: I HAVE BUT I HAVE NOT SEEN [REDACTED]
Q: HAVE YOU ASKED FOR [REDACTED]

10. EXHIBIT	11. INITIALS OF PERSON MAKING STATEMENT [REDACTED]	PAGE 1 OF <u>6</u> PAGES
ADDITIONAL PAGES MUST CONTAIN THE HEADING "STATEMENT _____ TAKEN AT _____ DATED _____" THE BOTTOM OF EACH ADDITIONAL PAGE MUST BEAR THE INITIALS OF THE PERSON MAKING THE STATEMENT, AND PAGE NUMBER MUST BE INDICATED.		

STATEMENT OF

LT [REDACTED]

TAKEN AT

C/S-FL

DATED

23 MAR 03

9. STATEMENT (Continued)

A: NO, I DIDN'T THINK WE WERE GETTING THEM FROM 2-1. [REDACTED]

Q: CAN YOU EXPLAIN THE PROFILE FOR AN [REDACTED]?

A: TRACK, [REDACTED], AND EVALUATE THE TRACK, [REDACTED] WILL SEE [REDACTED] SYMBOLOGY, [REDACTED] IS HIGH SPEED TRACK BUT THERE ARE ALSO SLOW SPEED [REDACTED]

Q: WHAT MADE YOU THINK THIS TRACK, 28, WAS AN [REDACTED]?

A: SYMBOLOGY, [REDACTED]; [REDACTED] INITIALLY WHEN I SAW THE [REDACTED] IT WAS GOING [REDACTED] AS IT WAS COMING FOR THE ASSET, IT CHANGED ITS SPEED, DECREASING RAPIDLY. IT WAS WITHIN [REDACTED] WHEN IT POPPED UP ON THE SCREEN. THE ALTITUDE WAS [REDACTED] WHEN I HAD COPIED IT. I CANNOT REMEMBER THE ALTITUDE WHEN I FIRST SAW IT. [REDACTED]

Q: WHY DO YOU BELIEVE IT WAS COMING TOWARD THE UNIT?

A: HEADING STRAIGHT FOR THE ASSET, CAMP UDARI, CAMP NJ AND CAMP NY AND OBSERVE RAIDERS [REDACTED]

Q: WHICH ASSET WAS THE ARM TARGETING?

A: IT DID NOT HAVE AN IMPACT POINT, CANNOT TELL YOU WHAT ASSET IT WAS WEADED FOR. [REDACTED]

Q: HAVE YOU EVER SEEN A COPY OF THE SPINS?

A: YES, THERE IS A BINDER IN THE ELS. [REDACTED]

INITIALS OF PERSON MAKING STATEMENT

STATEMENT OF LT [REDACTED] TAKEN AT C/S-62 DATED 23 MAR 63

9. STATEMENT (Continued)

Q: HOW MANY TRACKS WERE ON THE SCREEN WHEN THE [REDACTED] POPPED UP?

A: BETWEEN [REDACTED] NOT EXACTLY SURE. [REDACTED]

Q: DID YOU FEEL OVERWHELMED BY THE NUMBER OF TRACKS?

A: NO [REDACTED]

Q: WERE YOU SEEN A [REDACTED] BEFORE?

A: NO [REDACTED]

Q: HAVE YOU SEEN [REDACTED]?

A: YES, IT APPEARS AS TBM SYMBOLS, BUT THE TRACK IS IN LOW BRIGHT ON THE SLOPE INSTEAD OF HIGH BRIGHT. [REDACTED]

Q: HOW DID THE [REDACTED] APPEAR?

A: HIGH BRIGHT. [REDACTED]

Q: HOW MANY TRACKS WERE IN THE AREA WHERE THE TRACK - [REDACTED] POPPED UP?

A: [REDACTED] FEEL OF TRACKS. [REDACTED]

Q: HOW FAR WAS THE CLOSEST TRACK?

A: 2 FINGERS AWAY [REDACTED]

Q: DID YOU SEE ANY SEPARATION?

A: NO IT JUST POPPED UP. [REDACTED]

Q: DID YOU SEE TRACKS IN THE AREA MOVING OUT OR COMING BACK?

A: NO, NO PATTERN, [REDACTED]

INITIALS OF PERSON MAKING STATEMENT [REDACTED]

STATEMENT OF

LT [REDACTED]

TAKEN AT

C/S-52

DATED

23 MAR 03

9. STATEMENT (Continued)

Q: HOW LONG BETWEEN WHEN YOU SAW THE [REDACTED] AND WHEN YOU ENGAGED?

A: CAN'T TELL THE EXACT TIME, [REDACTED] AGAIN AND LOOKED FOR IT TO DMP OFF. IT WAS WITHIN [REDACTED], AND IT CAME TOWARDS US. I WAS IN X2. [REDACTED]

Q: DID YOU GET A [REDACTED]

A: I DID NOT GET A [REDACTED] BUT WE HAVE NOT BEEN GETTING THAT WITH TAMS EITHER. [REDACTED]

Q: [REDACTED]

A: [REDACTED]

Q: DID YOU GET BRIEFED ABOUT THIS THREAT HERE IN THEATER?

A: NO, THERE WAS NO THREAT. [REDACTED]

Q: DO YOU STILL BELIEVE YOU ENGAGED AN [REDACTED]

A: YES. [REDACTED]

Q: FROM TRACK AMP DATA WHAT DOES [REDACTED]

A: IT MEANS [REDACTED] THE TRACK IS NOT THREATENING YOUR ASSET [REDACTED]

Q: WHAT DOES THE [REDACTED]

A: BASICALLY HOW MANY SECONDS YOU HAVE TO ENGAGE THE TRACK. [REDACTED]

Q: WHAT WAS THE TLK WHEN YOU FIRED?

A: [REDACTED]

INITIALS OF PERSON MAKING STATEMENT

[REDACTED]

STATEMENT OF LT [REDACTED] TAKEN AT C/5-52 DATED 23 MAR 03

9. STATEMENT (Continued)

Q: WHEN WAS THE HARD COPY MADE?

A: IT WAS WITHIN [REDACTED] THE TCA ENVELOPE THE TRACK [REDACTED]

Q: [REDACTED]

A: [REDACTED]

Q: [REDACTED]

A: [REDACTED]

Q: WERE YOU ABLE TO GET TRACK AND DATA ON THE TSM?

A: YES, SAW IT WAS TSM A, BUT I WAS LOOKING FOR THE BIP AND IP OUT OR NOT. [REDACTED]

Q: WHO SAW THE [REDACTED] FIRST?

A: MY TCA. [REDACTED]

Q: WHAT WERE YOU DOING WHEN WE IDENTIFIED THE [REDACTED]

A: [REDACTED]

Q: DOES YOUR TCA [REDACTED]

A: YES, [REDACTED]

Q: DO YOU CHECK HIM?

A: NO, I JUST LOOK AT MY SCREEN. [REDACTED]

INITIALS OF PERSON MAKING STATEMENT [REDACTED]

9. STATEMENT (Continued)

Q: [REDACTED]

A: [REDACTED]

Q: [REDACTED]

A: [REDACTED]

Q: DID YOU GET THE [REDACTED] TO [REDACTED]

A: YES AND I WOULDN'T GET [REDACTED]
I WAS READ MY RIGHTS. [REDACTED]

AFFIDAVIT

I, LT [REDACTED], HAVE READ OR HAVE HAD READ TO ME THIS STATEMENT WHICH BEGINS ON PAGE 1, AND ENDS ON PAGE 6. I FULLY UNDERSTAND THE CONTENTS OF THE ENTIRE STATEMENT MADE BY ME. THE STATEMENT IS TRUE. I HAVE INITIALED ALL CORRECTIONS AND HAVE INITIALED THE BOTTOM OF EACH PAGE CONTAINING THE STATEMENT. I HAVE MADE THIS STATEMENT FREELY WITHOUT HOPE OF BENEFIT OR REWARD, WITHOUT THREAT OF PUNISHMENT, AND WITHOUT COERCION, UNLAWFUL INFLUENCE, OR UNLAWFUL INFLUENCE.

WITNESSES:

ORGANIZATION OR ADDRESS

ORGANIZATION OR ADDRESS

[REDACTED] (nt)
Subscribed and sworn to before me, a person authorized by law to administer oaths, this _____ day of _____ at _____

(Signature of Person Administering Oath)

(Typed Name of Person Administering Oath)

(Authority To Administer Oaths)

INITIALS OF PERSON MAKING STATEMENT
[REDACTED]

STATEMENT OF

1LT [REDACTED]

TAKEN AT

Camp New Jersey

DATED

2003/03/27

STATEMENT (Continued)

[Large diagonal line indicating the end of the statement]

AFFIDAVIT

I, [REDACTED], HAVE READ OR HAVE HAD READ TO ME THIS STATEMENT WHICH BEGINS ON PAGE 1, AND ENDS ON PAGE [REDACTED]. I FULLY UNDERSTAND THE CONTENTS OF THE ENTIRE STATEMENT MADE BY ME. THE STATEMENT IS TRUE. I HAVE INITIALED ALL CORRECTIONS AND HAVE INITIALED THE BOTTOM OF EACH PAGE CONTAINING THE STATEMENT. I HAVE MADE THIS STATEMENT FREELY WITHOUT HOPE OF BENEFIT OR REWARD, WITHOUT THREAT OF PUNISHMENT, AND WITHOUT COERCION, UNLAWFUL INFLUENCE, OR UNLAWFUL INDUCEMENT.

WITNESSES:

[Blank lines for witness information]

[REDACTED]
Subscribed and sworn to before me, a person authorized by law to administer oaths, this 5 day of April, 2003 at [REDACTED]

[REDACTED]
(Signature of Person Administering Oath)

[REDACTED] MAJ, JA
(Typed Name of Person Administering Oath)
Assistant Staff Judge Advocate 320AAMDC
(Authority To Administer Oaths)

INITIALS OF PERSON MAKING STATEMENT

TAB M

SWORN STATEMENT

For use of this form, see AR 190-45; the proponent agency is ODCSOPS

PRIVACY ACT STATEMENT

AUTHORITY:

Title 10 USC Section 301; Title 5 USC Section 2951; E.O. 9397 dated November 22, 1943 (SSN).

PRINCIPAL PURPOSE:

To provide commanders and law enforcement officials with means by which information may be accurately identified.

ROUTINE USES:

Your social security number is used as an additional/alternate means of identification to facilitate filing and retrieval.

DISCLOSURE:

Disclosure of your social security number is voluntary.

1. LOCATION Ali Al Salem, Kuwait		2. DATE (YYYYMMDD) 2003/03/28	3. TIME 1300	4. FILE NUMBER
5. LAST NAME, FIRST NAME, MIDDLE NAME [REDACTED]			6. SSN [REDACTED]	7. GRADE/STATUS E4/SPC
8. ORGANIZATION OR ADDRESS C BTRY, 5-52 ADA				

8. I, SPC [REDACTED], WANT TO MAKE THE FOLLOWING STATEMENT UNDER OATH:

[SEE ATTACHED 20 PAGES OF TRANSCRIPT]

10. EXHIBIT	11. INITIALS OF PERSON MAKING STATEMENT [REDACTED]	PAGE 1 OF _____ PAGES
ADDITIONAL PAGES MUST CONTAIN THE HEADING "STATEMENT OF _____ TAKEN AT _____ DATED _____"		

THE BOTTOM OF EACH ADDITIONAL PAGE MUST BEAR THE INITIALS OF THE PERSON MAKING THE STATEMENT, AND PAGE NUMBER MUST BE INDICATED.

[BG Lennox made the following open statement to SPC 

The general nature of the proceedings is that this is a combined investigation of the United States it is an AR 15-6, Board of Officers, conducting an investigation. This is directed by the Commander of CENTCOM, and the Commander of the Combined Forces Air Component Command, General Mosley, and it is appointed by MG Bromberg, the Commanding General of the 32d AAMDC. The United Kingdom Board of Inquiry, Air Force pursuant to the rules of 1956, directed by the Air Officer Commanding in the First Group of the RAF, conducted simultaneously following the rules of each countries services. A separate Accident Investigation Safety Board, under the provisions of 385-40, will be conducted by the Safety Office of the Combined Forces Land Component Commander, at the direction of the Commander CFLCC, will also take place. You will be asked questions again by another board, but that's a Safety Board for separate purposes. A different focus, or terms of reference will be for each board, but there's a common goal of determining the facts and circumstances surrounding the incident. There are some different procedures that I will explain. For the United States there is no Initial Rights Advisement. For the United Kingdom an Initial Advisement of Rights will be given. To rationalize procedures the United States representatives will each administer an oath to each of you at the start of testimony on behalf of both boards. So, there will be a statement given at the start that will cover both boards. The United Kingdom representative will provide you with an advisement detailing your rights as to their board. They have separate rights, and Wing Commander Cockram will explain that to you when I'm done. You will receive a Rights Advisement from a United States Board Representative if you're suspected of a violation. I do not suspect you of an offense



under the UCMJ, and I do not intend to advise you of your rights under the provisions of Article 31, of the UCMJ, at this time. Your unit's advised you of your rights in the past, or in the conduct of their initial inquiry. While you made a statement during that initial inquiry, you're not compelled to make a further statement, but the board would be then compelled to rely on your past statement alone if you chose to do that.

Do you have any questions? It's pretty complicated.

Are you sure?

A: No, sir. [Answer from SPC [REDACTED]]

Okay, I'm going to turn it over now to Wing Commander [REDACTED]

[Wing Commander [REDACTED] read the following statement, "Information For U.S. Witnesses", which will be inserted at this point in the record.]

[END OF PAGE]

[REDACTED]

We are here because OOC 1 Gp RAF has convened a Board of Inquiry (BOI) to investigate the accident involving Tornado ZG710 that crashed 23 Mar 03. We are the members of that BOI. I have been issued Terms of Reference. The main requirements are for me:

- to investigate the circumstances;
- determine the cause or causes of the accident, and;
- investigate any other relevant issues.

The following comments are designed to help you in case you are unsure of your exact legal position.

1. The BOI have a duty to ask questions to find out exactly what happened at the time of the accident being investigated and during the sequence of events leading up to it. It is not the purpose of the BOI to find negligence or apportion blame. You are not bound by the Air Force Act 1955 (UK) and Queens Regulations. Therefore, you may be reassured that your evidence to the BOI is not admissible against you in disciplinary proceedings brought under the Air Force Act 1955 (UK). You may, if you wish, elect to be represented, at your own expense, whilst giving evidence before the Board. You do not have to answer the Board's questions if you prefer not to do so.
2. You should be aware that the evidence received by the Board, including your statement, could become available at a future date to the Next of Kin (NOK) of those killed in the accident. It sometimes happens that an accident investigated by a BOI subsequently becomes subject to proceedings in the Coroner's Court and/or civil proceedings for compensation in either the High Court or the County Court in England and Wales (or the appropriate Court elsewhere). You should be aware that your evidence before the BOI could, in certain cases, become available to the parties to those civil proceedings and if you are called to give evidence by either party you may be questioned on the contents of the statement you made to the BOI. Any evidence you give before the BOI should be as full and frank and accurate as possible.
3. If you are affected by the findings of the BOI in any way, you should be aware that the NOK may have sight of the BOI and may decide to pursue separate civil action.

Everything that is discussed at this BOI is in confidence and is treated accordingly. Consequently, when you leave us I have to remind you that anything that you have heard or discussed with us should not be discussed outside this Inquiry.

I have to take formal evidence from you for use by this BOI. All evidence given to this BOI will be given on oath.

[SPC [REDACTED] did not have any questions about the statement read by Wing
Commander [REDACTED]

[SPC [REDACTED] was sworn and his testimony before the board was as follows:]

Q: Questions by BG Lennox.

A: Answers by SPC [REDACTED]

Q: I think first that it would be pretty useful if we get a little background and find out about a little bit your role on the crew, and your training. You are a TCA on the crew?

A: Yes, sir,

Q: And what's your job as a TCA?

A: Equipment control, and engagement control.

Q: What's that mean. What's equipment control mean?

A: Controlling the [REDACTED], and controlling all the TABS.

Q: [REDACTED]

A: Roger, sir.

Q: And what do you [REDACTED]

A: [REDACTED]

Q: [REDACTED]

A: [REDACTED]

Q: [REDACTED]

A: [REDACTED]

[REDACTED]

Q: Can you tell me a li [redacted] bit about your background. You're a [redacted]

A: Roger, sir.

Q: And how long have you been a TCA?

A: [redacted]

Q: So, where you another MOS before that?

A: Yes, sir.

Q: What MOS where you before?

A: [redacted]

Q: Okay. And you changed MOS, you went to school?

A: Yes, sir.

Q: And you graduated from school, and came to Charlie 552?

A: Roger, sir.

Q: And you were assigned [redacted]

A: Yes, sir.

Q: And you joined this crew [redacted] and started training?

A: Yes, sir.

Q: Okay. So, this is the first time you've ever been a TCA?

A: Yes, sir.

Q: And how do you feel about your training from [redacted] until now?

A: From [redacted] until now, we trained on [redacted] and [redacted] sir.

Q: [redacted] I think we were told [redacted] Does that sound right?

A: Yes, sir

Q: Okay. You were Tabled 8d as a crew with Lieutenant [REDACTED] and SPC [REDACTED]

A: Yes, sir.

Q: Okay. Do you remember being Table 8d?

A: Yes, sir.

Q: Was it hard, easy?

A: It was hard.

Q: It was hard?

A: Yes, sir, especially training up to Table 8, sir.

Q: And do you feel like you got enough training in order to be certified?

A: Yes, sir.

Q: Okay. Are you pretty comfortable in your job, and confident that you know what you're?

A: Yes, sir.

Q: Okay. Since you got over here, and put on this -- the other equipment that's out at the site -- the shortshop equipment, I think they call it. Have you got a chance to get comfortable with that equipment, and get trained on that equipment?

A: I had the chance to get comfortable -- I mean it's the [REDACTED]

Q: There more trouble with the equipment?

A: Roger, sir.

Q: [REDACTED]

A: Yes, sir. But ----

[REDACTED]

Q: Significant, or not r h?

A: As far as communications is different, a lot different.

Q: But, as far as being a TCA?

A: No, sir.

Q: Not much, okay. I would like to talk about normal procedures. [REDACTED]

A: Yes, sir.

Q: Does this get tiring?

A: No, sir

Q: [REDACTED] amount of time. You didn't feel tired at the end of [REDACTED] anything at all?

A: No, sir.

Q: Okay. How about being out there at that site. Is it pretty tough, we're you able to get enough rest?

A: I was able to get more than enough rest, sir.

Q: Good, good. Can you tell me a little bit about that -- the night before you all had the successful engagement against a TBM. Is that right?

A: Yes, sir.

Q: Okay. And that night there was an incident that happened down the road, and where you inside the van during that time?

A: Okay. We got a call telling us that there was a ground attack on Camp Pennsylvania so, the 31 called and let the CP know, and then we had a fourth member inside the van that was helping us troubleshoot our launchers. So, we let him know, and he alerted the [REDACTED] the front gate guards. I remember telling the 31 we was trying to remember -- trying to guess how it could have been a ground attack this far south. So, I was telling him it must have been an Air Insertion, because I remember back when I was in SHORAD we had to protect against Air Insertions. And he was saying that "no it couldn't have been", he didn't think that was an Air Insertion. He said it might have been TCN's. And we were trying to figure it out.

Q: Third Country Nationals, that might have been in the area that did it?

A: Yes, sir,

Q: So, what was the mood like in the van that night?

A: We were basically not sure of our security outside, because we wasn't out there ourselves. And my 31, Specialist [REDACTED] wanted to go out there to make sure everything was secure, but he couldn't because he was on the crew.

Q: Okay. How about your communications that night. Did you feel like you could talk to other people?

A: Since we've been there the communications wasn't that good. The -- especially when we were sending up very important reports. They-- sometimes they couldn't hear us, they couldn't understand us, we couldn't hear them, and we couldn't talk to anybody but our higher echelon which was Baton Rouge.

Q: Okay. That's Bravo 2-1, Baton Rouge?

A: Yes, sir.

Q: Okay. You made a statement that night, and there are some questions to follow it up, and it's pretty extensive. I'm going to ask you if you'd read this statement, and then kind of verify for us if this is what you said, and everything in there is right, okay.

A: Yes, sir.

[BG Lennox hands witness his written statement for him to review]
[Witness finishes reading statement and BG Lennox continues]

Q: Is there anything that you want to change from in here?

A: No, sir

Q: So, it's all true to the best of your knowledge and memory?

A: Yes, sir.

Q: What I'm going to do now if you would is just to talk through the entire engagement procedure that night that you followed from alert to engagement.

A: I received an alert, and I let my TCO know.

Q: What were you doing at the time that you received the alert?

A: [REDACTED]

Q: Okay.

A: [REDACTED]

Q: I'm sorry tell me -- just slow down for us a little bit if you don't mind.

A: Oh, sorry sir.

Q: Had you ever seen an [REDACTED] on the scope before ----

A: No, sir.

Q: ---- in real life?

A: No, sir.

Q: You've never seen a fake one?

A: No, sir.

Q: Okay. Had you been aware -- did anybody talk to you about the possibility of seeing [REDACTED]

A: No, sir.

Q: Anytime?

A: No, sir.

Q: So, now tell me slowly, and you have to put it into English for us what you did then, [REDACTED]

A: [REDACTED]

[REDACTED]

Q: Okay, which?

A: [REDACTED]

Q: [REDACTED]

A: [REDACTED]

Q: So, what are you thinking at this time?

A: [REDACTED]

Q: [REDACTED]

A: [REDACTED]

Q: [REDACTED]

A: [REDACTED]

Q: [REDACTED]

A: [REDACTED]

Q: How about Lieutenant [REDACTED] What was she doing while you were doing that?

A: [REDACTED]

Q: Bravo 2-1?

A: Yes, sir.

Q: Baton Rouge?

A: Yes, sir.

Q: [REDACTED]

A: Yes, sir.

Q: [REDACTED]

A: Yes, sir.

Q: [REDACTED]

A: Not that I remember sir.

Q: You don't remember?

A: No, sir.

Q: Okay.

A: [REDACTED]

Q: [REDACTED]

A: [REDACTED]

Q: So you felt like it was self defense?

A: Yes, sir.

Q: Is that -- without putting words in your mouth?

A: Yes, sir.

Q: [REDACTED]

A: [REDACTED]

[REDACTED]

Q: And what happened there?

A: It changed from a SCUD to an unknown before it got to the firing unit.

Q: Okay. I think I'm going to see if anybody else has any questions. LTC [REDACTED]

[Questions from LTC [REDACTED]

[Answers from SPC [REDACTED]

Q: Just a couple sir. That was really a good way to give us a feel for how close it was. Describing it in terms for our British friends. We can explain it a little later about what [REDACTED] missile. I just wanted to get a couple of things straight in terms of who was on when so that we can understand how you guys did your log and that. You came on at 2300 local or ZULU?

A: Local time sir.

Q: And is the log kept in local or ZULU?

A: Well, before we was keeping it in ZULU, but we noticed that some people wasn't -- some people in the van wasn't using ZULU time, so we were afraid they wouldn't know.

Q: Okay. So, that makes sense. So, one thing I would like you to give me a little read on is then at what looks like -- well what's written in the log kind of looks like 2110 which I assume is ZULU, maybe you can help me it.

[LTC [REDACTED] hands log to witness to review entries]

Q: You guys for clarification -- real quick, let me ask you this. Do you guys all come on to duty at the same time?

A: Yes, sir.

Q: The whole crew changes over?

A: Unless there is like a SCUD alert or something or we have intel we do like one at a time. We will change our one crew member from the bunker.

Q: Did that night when you came on duty. Did you all come on at the same time.

Q: Do you validate all TABS?

A: Yes, sir.

Q: How about the [REDACTED]

A: Yes, sir. I call -- check that TAB 73, and I told the TCO that there were [REDACTED]
[REDACTED]

Q: [REDACTED]

A: Yes, sir.

Q: They were in there your previous shift?

A: No, sir. After the ICC left I don't remember seeing -- after we had lost coms with the ICC I don't remember seeing them.

Q: And how before this event was it that the ICC moved out. Can you remember, about -- was it a few days, a week, two weeks?

A: If I had to guess, it would probably be about a week, sir.

Q: But it was at least a few days?

A: Yes, sir.

Q: Several crew changeovers?

A: Yes, sir.

Q: And so it probably was the case then at least from your perspective that there were [REDACTED]

A: Roger, sir.

Q: Colonel [REDACTED] wanted me to ask a little bit about -- so you can help educate -- just some of the procedures, for example, how [REDACTED]

A: [REDACTED]
[REDACTED]

Q: [REDACTED]

A: [REDACTED]

Q: [REDACTED]

[REDACTED]

A:

Q:

A:

Q:

A:

Q: The Area Air Defense Plan?

A: Umm ---

Q: Does that sound familiar?

A: The Area Air Defense Plan?

Q: Or the Air Space Control Order?

A: ACO? Yes, sir.

Q:

A:

Q:

A: No, sir.

Q: That's all the questions I have sir.

[Questions by CW3 ██████████]

Q: I just want to get a sense of what you've seen on the scope not just that night, but since you've been here. It has been some of the other guys that have said that you started your mission around the 3rd of March. ██████████
██████████

A: Yes, sir.

Q: So, ██████████

A: Yes, sir.

Q: Just looking and thinking ██████████
██████████

A: ██████████

Q: ██████████

A: ██████████

Q: ██████████

A: ██████████
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Q: ██████████
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██████████
██████████
██████████

██████████

A:

[REDACTED]

Q:

[REDACTED]

A: No, sir.

Q: That's it sir. No further questions.

[Questions by BG Lennox]

Q: Since you were talking about this SCUD alert I just wanted to -- [REDACTED] I just wanted to ask you a follow up question. You said it [REDACTED] this one?

A: Yes, sir.

Q: And was [REDACTED]

A: [REDACTED]

Q: [REDACTED]

A: Yes, sir. [REDACTED]

Q: And do you have any idea where that was in relationship to where you were at the time?

A: Where was the --

Q: [REDACTED]

A: [REDACTED]

Q: [REDACTED]

A: Roger, sir.

Q: It looks like there is an entry here, and then it says it just dropped off the scope. Is that what happened next?

A: Roger, sir.

Q: I see that entry. Did you report this at the time. Was it called to Bravo 2-1?

A: [REDACTED]

Q: Okay, okay good. Wing Commander [REDACTED] do you have any questions?

[Questions by Wing Commander [REDACTED]]

Q: I just have one question again it's [REDACTED]

A: Yes, sir.

Q: [REDACTED]

A: [REDACTED]

Q: Okay that's good thanks very much.

[The witness, SPC [REDACTED] was warned and temporarily excused subject to recall]

[END OF PAGE] [REDACTED]

STATEMENT (Continued)

[Large diagonal line across the page]

AFFIDAVIT

I, [REDACTED], HAVE READ OR HAVE HAD READ TO ME THIS STATEMENT WHICH BEGINS ON PAGE 1, AND ENDS ON PAGE [REDACTED]. I FULLY UNDERSTAND THE CONTENTS OF THE ENTIRE STATEMENT MADE BY ME. THE STATEMENT IS TRUE. I HAVE INITIALED ALL CORRECTIONS AND HAVE INITIALED THE BOTTOM OF EACH PAGE CONTAINING THE STATEMENT. I HAVE MADE THIS STATEMENT FREELY WITHOUT HOPE OF BENEFIT OR REWARD, WITHOUT THREAT OF PUNISHMENT, AND WITHOUT COERCION, UNLAWFUL INFLUENCE, OR UNLAWFUL INDUCEMENT.

[REDACTED]

WITNESSES:

MSG [REDACTED]
CFLLC-SJA
CAMP DOHA, KUWAIT APO AE 09304
ORGANIZATION OR ADDRESS

Subscribed and sworn to before me, a person authorized by law to administer oaths, this 5th day of April, 2003 at Camp Doha, Kuwait

[REDACTED]
(Signature of Person Administering Oath)

[REDACTED] MAJ, JA
(Type Name of Person Administering Oath)
Assistant Staff Judge Advocate 32d AAMDC
(Authority to Administer Oaths)

ORGANIZATION OR ADDRESS

INITIALS OF PERSON MAKING STATEMENT

[REDACTED]

PAGE OF PAGES

PRIVACY ACT STATEMENT

AUTHORITY: Title 10 USC Section 201; Title 5 USC Section 2951; E.O. 9397 dated November 22, 1943 (SSN).
PRINCIPAL PURPOSE: To provide commanders and law enforcement officials with means by which information may be accurately
ROUTINE USES: Your social security number is used as an additional/alternate means of identification to facilitate filing and retrieval.
DISCLOSURE: Disclosure of your social security number is voluntary.

1. LOCATION C/S-52	2. DATE (YYYYMMDD) 20030323	3. TIME 1415	4. FILE NUMBER
5. LAST NAME, FIRST NAME, MIDDLE NAME [REDACTED]		6. SSN [REDACTED]	7. GRADE/STATUS SPC
8. ORGANIZATION OR ADDRESS C/S-52			
9. I, SPC [REDACTED], WANT TO MAKE THE FOLLOWING STATEMENT UNDER OATH:			

Q: HOW LONG HAVE YOU BEEN A TCA -

A: 4 MONTHS, I TABLE CERTIFIED 2 MONTHS AGO.

Q: YOU SAW THE ARM FIRST - ACTUALLY THE ALERT?

A: YES [REDACTED]

Q: [REDACTED]

A: [REDACTED]

Q: [REDACTED]

A: [REDACTED]

Q: [REDACTED]

A: NOT AT THAT TIME [REDACTED]

Q: [REDACTED]

A: [REDACTED]

10. EXHIBIT	11. INITIALS OF PERSON MAKING STATEMENT [REDACTED]	PAGE 1 OF 7 PAGES
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ADDITIONAL PAGES MUST CONTAIN THE HEADING "STATEMENT _____ TAKEN AT _____ DATED _____"
THE BOTTOM OF EACH ADDITIONAL PAGE MUST BEAR THE INITIALS OF THE PERSON MAKING THE STATEMENT, AND PAGE NUMBER MUST BE INDICATED.

STATEMENT OF SPC [REDACTED] TAKEN AT C/S-52 DATED 23 MAR 03

9. STATEMENT (Continued)

Q: Were you in [REDACTED]

A: Yes [REDACTED]

Q: [REDACTED]

A: [REDACTED]

Q: Did [REDACTED]

A: Yes [REDACTED]

Q: [REDACTED]

A: NO, [REDACTED]

Q: HOW [REDACTED]

A: [REDACTED]

Q: [REDACTED]

A: [REDACTED]

Q: [REDACTED]

A: [REDACTED]

Q: [REDACTED]

A: [REDACTED]

Q: [REDACTED]

A: [REDACTED]

INITIALS OF PERSON MAKING STATEMENT [REDACTED]

STATEMENT OF Spc [REDACTED] TAKEN AT C/S-52 DATED 23 MAR 03

9. STATEMENT (Continued)

Q: [REDACTED]

A: [REDACTED]

INITIALS OF PERSON MAKING STATEMENT [REDACTED]

STATEMENT OF SPC [REDACTED] TAKEN AT C/S-52 DATED 23 MAR 03

9. STATEMENT (Continued)

Q: [REDACTED]
[REDACTED]

A: [REDACTED]

Q: [REDACTED]
[REDACTED]

A: [REDACTED]

Q: [REDACTED]

A: [REDACTED]

Q: [REDACTED]
[REDACTED]

A: [REDACTED]

Q: [REDACTED]

A: [REDACTED]
[REDACTED]

Q: [REDACTED]

A: [REDACTED]

Q: [REDACTED]

A: [REDACTED]

Q: [REDACTED]

A: [REDACTED]

INITIALS OF PERSON MAKING STATEMENT [REDACTED]

STATEMENT OF SPC [REDACTED] TAKEN AT C/S-52 DATED 23 MAR 03

9. STATEMENT (Continued)

Q: [REDACTED]

A: [REDACTED]

Q: [REDACTED]

A: [REDACTED]

INITIALS OF PERSON MAKING STATEMENT [REDACTED]

PAGE 6 OF 7 PAGES

9. STATEMENT (Continued)

AFFIDAVIT

I, SPC [REDACTED], HAVE READ OR HAVE HAD READ TO ME THIS STATEMENT WHICH BEGINS ON PAGE 1, AND ENDS ON PAGE 7. I FULLY UNDERSTAND THE CONTENTS OF THE ENTIRE STATEMENT MADE BY ME. THE STATEMENT IS TRUE. I HAVE INITIALED ALL CORRECTIONS AND HAVE INITIALED THE BOTTOM OF EACH PAGE CONTAINING THE STATEMENT. I HAVE MADE THIS STATEMENT FREELY WITHOUT HOPE OF BENEFIT OR REWARD, WITHOUT THREAT OF PUNISHMENT, AND WITHOUT COERCION, UNLAWFUL INFLUENCE

[REDACTED]
(Signature of Person)

WITNESSES:

ORGANIZATION OR ADDRESS

ORGANIZATION OR ADDRESS

Subscribed and sworn to before me, a person authorized by law to administer oaths, this _____ day of _____ at _____

(Signature of Person Administering Oath)

(Typed Name of Person Administering Oath)

(Authority To Administer Oaths)

INITIALS OF PERSON MAKING STATEMENT

[REDACTED]

9. STATEMENT (Continued)

AFFIDAVIT

I, Spc _____, HAVE READ OR HAVE HAD READ TO ME THIS STATEMENT WHICH BEGINS ON PAGE 1, AND ENDS ON PAGE 1. I FULLY UNDERSTAND THE CONTENTS OF THE ENTIRE STATEMENT MADE BY ME. THE STATEMENT IS TRUE. I HAVE INITIALED ALL CORRECTIONS AND HAVE INITIALED THE BOTTOM OF EACH PAGE CONTAINING THE STATEMENT. I HAVE MADE THIS STATEMENT FREELY WITHOUT HOPE OF BENEFIT OR REWARD, WITHOUT THREAT OF PUNISHMENT, AND WITHOUT COERCION, UNLAWFUL INFLUENCE, OR UNLAWFUL INDUCEMENT.

(Signature of Person Making Statement)

WITNESSES:

ORGANIZATION OR ADDRESS

ORGANIZATION OR ADDRESS

Subscribed and sworn to before me, a person authorized by law to administer oaths, this _____ day of _____, _____ at _____

(Signature of Person Administering Oath)

(Typed Name of Person Administering Oath)

(Authority To Administer Oaths)

INITIALS OF PERSON MAKING STATEMENT

PAGE OF PAGES

TAB N

TAB O

Exempt

FOIA Ex 1 (Nat Sec)

video &
cassette

Exempt

FOIA Ex 1 (National Security)

TAB P

Entire tab redacted.

FOIA Ex 1 (NS)

TAB Q

TAB R

TAB REDACTED

UK Provided Material

TAB S

Entire tab redacted.

TAB T

1. **Introduction.** The combat ready work-up syllabuses detail objectives for the training of sqn aircrew to CR status in the attack role-specialisation. It further incorporates enabling objectives in the skills of AAR, ACT, Communications and EW/Self protection along with those in the role of ML TIALD / LGB: these are all considered to provide essential capabilities for deployment on current operations.

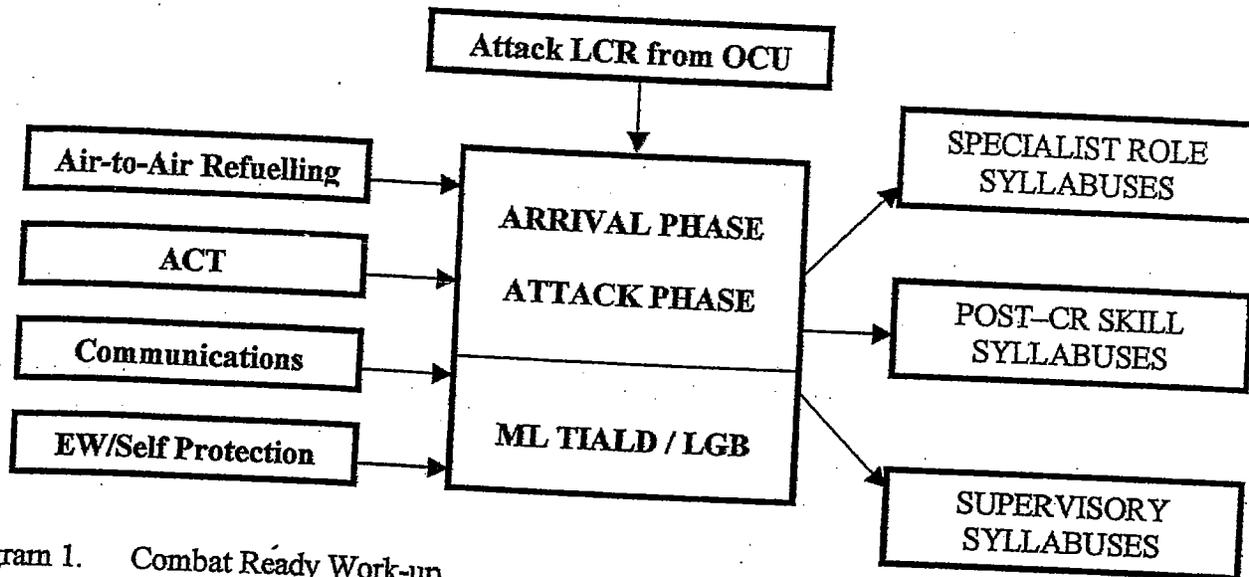


Diagram 1. Combat Ready Work-up.

2. **Phase Aims.** The aims of each phase are as follows:

- a. **Arrival Phase.** The Arrival Phase is designed to ensure that Tornado aircrew are prepared to commence further training on the GR4 having joined a new sqn and that they can demonstrate compliance with local procedures by day and night.
- b. **Attack CR.** The Combat Ready Attack Syllabus is designed to consolidate and build upon the OCU syllabus to produce aircrew that can conduct both Offensive Counter Air and Air Interdiction missions using unguided munitions, by day or night, from all levels, as a subordinate element within a 4-ship formation. Furthermore, they must demonstrate the ability to detect, analyse and react to hostile air and ground threats, air-to-air refuel by day and night, and display enough spare capacity to build a rudimentary air picture from all available sources.
- c. **ML TIALD / LGB.** The ML TIALD / LGB phase is designed to provide crews with the knowledge and skill required to plan and execute ML attacks employing PWII, PWIII and IPGB designated by either the TIALD pod or a third party. Utilising TIALD, crews must be able to perform both self and co-operative designation.
- d. **Enabling Skills.** To achieve Attack CR, crews must complete objectives that provide the skills required to undertake the following:
 - i. **Air-to-Air Refuelling.** The ability to receive fuel from drogue tankers by day and night.
 - ii. **ACT.** The ability to negate a hostile air threat through manoeuvre or by employing air-to-air weaponry. Additionally, this phase encourages confident ac handling.

Detection/Threat Tasks. The ability to detect, analyse and react to hostile air and ground threats. EW objectives are covered in the Attack CR syllabus.

iv. **Communications.** The ability to use communications to build situational awareness and direct tactics. Communication objectives are covered within the Attack CR syllabus.

e. **Post-CR Training.** Certain skills require greater experience than that provided during initial Attack CR training. Training in the following skills occurs during post-CR training:

i. **OLF.** The ability to conduct operations at OLF heights.

ii. **Manual EO Skills.** The ability to conduct night operations using EO sensors, without the assistance of TFR.

iii. **COMAO Integration.** The ability to conduct operations as part of a COMAO in a joint or combined environment. This training is to be accomplished on an opportunity basis during routine continuation training.

3. **Training Objectives.** Each syllabus contains training objectives designed to ensure that the skill or capability exists to meet the relevant Tac METL. The Sqn Cdr is responsible for efficient progression through all objectives by adjusting sortie numbers and profiles to suit both sqn and individual circumstances. Significant factors would include differing experience levels, previous performance, availability of assets and sqn commitments. Each phase contains a guidance syllabus to act as a framework for the Sqn Cdr and his sortie programming.

4. **Supervision.** Supervision of the CR work-up is the responsibility of the Sqn Cdr. Day-to-day monitoring of progression through each phase may be delegated to a flt cdr. In monitoring the work-up, the following guidelines should be considered:

a. **Completion of Phase.** Prior to entering a clearance onto an individual's Operational Status certificate (OSC) the sqn cdr is to be satisfied that the relevant objectives have been covered and that an individual's performance is at the required standard.

b. **Completion of Objectives.** The formation supervisor may clear objectives by annotating the training folder and is further responsible for ensuring that the sortie write-up accurately reflects the sortie aims and achievement.

c. **Sortie Write-ups.** An individual's training folder is to track progress through the objectives. Sortie write-ups are to be completed for all sorties where either progress towards or clearance of objectives is achieved.

5. **Assessment.** A specific check involving a selection of the training objectives is to be flown prior to the award of Attack CR status. An individual's performance on this, in combination with their overall training report must demonstrate satisfactory coverage of all objectives. CR checks are to be flown with an ACO in the formation. To ensure that the required level of airmanship has been attained, an individual is to be further assessed on his situational awareness, capacity, decision making and communication.

Annexes:

1. Sqn Arrival syllabus.
3. Combat Ready Attack Objectives.
2. Combat Ready Enabling Objectives - AAR & N TAC.
1. Combat Ready Enabling Objectives - ACT.
1. ML TIALD / LGB Syllabus.

ARRIVAL PHASE

Aim: The Arrival Phase is designed to ensure that Tornado aircrew are prepared to commence further training on the GR4 having joined a new sqn, from the OCU, and can demonstrate compliance with local procedures and TGRF SOPs by day and night.

FAMILIARISATION PHASE ENABLING OBJECTIVES		SIGNATURE	DATE
<i>The following enabling objectives are to be achieved prior to commencing flying on a new sqn.</i>			
Received an arrival interview including a review of the F5000 Series.			
Read Orders in compliance with GASO 0405.			
Received a briefing on local airspace, diversions, ATC and procedures.			
Received a briefing on the differences between a Tornado GR1 and GR4.			
<i>The following enabling objective is to be achieved prior to undertaking a land-away.</i>			
Obtain engineering clearance to perform an aircrew servicing.			

FAMILIARISATION PHASE OBJECTIVES		SIGNATURE	DATE	ENG
<i>All aircrew arriving from an OCU Main Cse are to complete Objective Fam A prior to commencing the flying syllabus. For other crews it is at the discretion of the sqn cdr provided that they are within currency requirements.</i>				
Objective FAM A	In the simulator, complete a local area familiarisation including ground operations, standard emergency procedures, and if required a GR4 familiarisation.			
Objective FAM B	In the simulator, complete a local area familiarisation, by night, including operation of FLIR and HOTAS.			
<i>All aircrew are to complete a mandatory arrival sortie crewed with an ACO. For pilots, GASO 0502 covers the specific ACO requirements.</i>				
Objective FAM 1	Demonstrate the ability to safely operate the Tornado GR4 by day and comply with Force SOPs in general handling and both routine and emergency instrument-patterns.			
Objective FAM 2	Successfully conduct a practise diversion from a simulated emergency, working effectively as a crew throughout.			
Objective FAM 3	Following a mandatory arrival check, be able to identify and comply with unit and sqn procedures.			
Objective FAM 4	Demonstrate the required handling skills to safely operate the Tornado GR4 by night in the local area and comply with Force SOPs in both routine and emergency instrument-patterns.			
Objective FAM 5	Completed a range familiarisation and demonstrated both safe weapon delivery profiles and correct completion of checks.			

COMBAT READY ATTACK OBJECTIVES

Aim: The Combat Ready Attack Syllabus is designed to consolidate and build upon the OCU syllabus to produce aircrew that can conduct both Offensive Counter Air and Air Interdiction missions using unguided munitions, by day or night, from all levels, as a subordinate element within a 4-ship formation. To achieve this, crews must demonstrate the ability to detect, analyse and react to hostile air and ground threats, air-to-air refuel by day and night, and display enough spare capacity to build a rudimentary air picture from all available sources. It does not incorporate training in COMAO, OLF or manual EO skills.

COMBAT READY ATTACK OBJECTIVES		SIGNATURE/DATE	ENG
Objective Attack-A	In the simulator, correctly set an appropriate RHWR program and interpret its indications. Demonstrate the ability to dispense both chaff and flares and initiate jamming.		
Objective Attack-B	In the simulator, correctly apply both the peacetime and the trial derived Farmer and Loaf manoeuvres in response to a ground threat.		
Objective Attack-1	Demonstrate consolidation of the OCU output standard as wingman of an unbounced pair.		
Objective Attack-2	Demonstrate consolidation of EW procedures on an EWTR incorporating FENCE checks and Mode 4 IFF.		
Objective Attack-3	Demonstrate appropriate and safe use of the peacetime LL OTM iaw SOPs.		
Objective Attack-4	Demonstrate appropriate and safe use of the peacetime ML OTM iaw SOPs.		
Objective Attack-C	In the simulator, demonstrate consolidation of the tactics required to defeat a F2 equipped fighter threat.		
Objective Attack-5	Demonstrate consolidation of the OCU output standard as leader of an unbounced pair and cope with an emergency arising from simulated battle damage.		
Objective Attack-6	Demonstrate the ability to fly safe, consistent and accurate range profiles, and as a minimum have completed 2 laydown, 2x5° dive and 2 loft passes.		
Objective Attack-7	Demonstrate consolidation of the OCU output standard as wingman of a bounced pair.		
<i>Completion of objectives 1-7 validates the OCU LCR status, crews can then, at the discretion of the Sqn Cdr, complete the ML TIALD syllabus along with relevant AAR and ACT objectives, and attack objectives 8, 10 and 11</i>			
Objective Attack-8	Demonstrate the ability to fly safe, consistent and accurate hi-dive and ML attack profiles, and as a minimum complete 2 Hi-dive & 2 ML laydown passes.		
Objective Attack-9	As lead of a bounced pair, demonstrate the ability to organise the domestic elements of the sortie, without error, and apply correct tactics in the air.		
Objective Attack-D	In the simulator, experience the tactics required to defeat a radar-equipped threat with either F1 or F3 capability.		
Objective Attack-E	In the simulator, demonstrate the ability to use HAVEQUICK and utilise information from AWACS or GCI broadcast to build situational awareness.		

CR ATTACK OBJECTIVES		SIGNATURE/DATE	ENG
Objective Attack-10	As wingman of a pair, use the RHWR to detect and identify a radar-equipped threat and then apply correct tactics to avoid the threat.		
Objective Attack-11	Demonstrate the ability to communicate using HAVEQUICK or secure radios and utilise information from AWACS or GCI based broadcast.		
Objective Attack-12	As leader of a pair, consistently apply appropriate tactics to complete an offensive mission against radar equipped threats.		
Objective Attack-13	As an element wingman within an unbounced 4-ship formation experience the formations and tactics involved during an offensive mission.		
Objective Attack-14	As an element wingman within a bounced 4-ship formation, maintain formation integrity and apply correct tactics during an offensive mission.		
Objective Attack-15	As an element wingman within a 4-ship, demonstrate the ability to successfully prosecute an attack sortie whilst undergoing affiliation training.		
<i>Prior to the award of CR Attack status, crews must pass a recognition test.</i>			
<i>Prior to the award of CR Attack status, the weaponry and EW elements are to have been completed</i>			
Combat Ready Check	Successfully demonstrate sufficient consolidation of the attack objectives either as lead of a bounced pair or as an element lead within a 4-ship.		

COMBAT READY ATTACK NIGHT OBJECTIVES		SIGNATURE/DATE	ENG
Objective Attack E	In the simulator, demonstrate the ability to maintain a timeline during a parallel track TFR based route, incorporating a TF-loft-TF attack at night.		
Objective Attack F	Demonstrate the safe regaining of track and timeline following TFR based evasion iaw current tactics.		
Objective Attack N1	Assist in the plan of pair's parallel-track mission, including a split and rejoin, and subsequently to safely fly the mission at night.		
Objective Attack N2	Lead all aspects of a pair's parallel-track mission, including a split and rejoin, and subsequently to safely fly the mission at night.		
<i>Prior to wearing NVGs aircrew must complete the NVG Cse at RAF CAM</i>			
<i>Prior to wearing NVGs aircrew must receive a EO Phase Brief</i>			
Objective Attack G	Identified the benefits of using the EO sensors to assist TFR operations and witnessed the hazards of EO flying in the simulator.		
Objective Attack N3	Gained increased situational awareness by successfully wearing NVGs during a night TF based sortie.		
Objective Attack N4	Successfully completed night laydown and loft manoeuvres at night with NVG assistance.		

COMBAT READY WEAPONRY & EW REQUIREMENTS

WEAPONRY REQUIREMENTS - COMBAT READY ATTACK (DAY)

*To count, bombs are to meet the qualification standards in column 2.
Shaded boxes indicate weaponry events to be completed for LCR validation.*

Laydown	100 ft Ph 1 75 ft Ph 2/3			3.	4.
Shallow dive	75 ft			3.	4.
Hi-dive	75 ft	1.	2.		
Mini loft	500 ft		2.		
Full loft	500 ft		2.		
ML laydown	1000 ft	1.	2.		

WEAPONRY REQUIREMENTS - COMBAT READY ATTACK (NIGHT)

Night laydown	1.	2.	One of which is to be on NVGs.
Night loft	1.	2.	One of which is to be on NVGs.
Night TF-loft-TF profiles	1.	2.	On or Off range

EW REQUIREMENTS - COMBAT READY ATTACK

EWTR Runs	1.	2.	3.	4.
Chaff	1.			
Flares	1.			
Completed an EW Assessment	Signature:			

RANGE FAMILIARISATION

*Prior to visiting a new AWR, crews are to receive a full range familiarisation brief and comply with STCAWROs.
Successful completion of an AWR familiarisation sortie is to be recorded below.*

	DATE	SIGNED
RAF Tain		
Aberporth	OCU Cse	N/A
RAF Donna Nook		
RAF Garvie		
RAF Holbeach		
RAF Pembrey		
RAF Wainfleet		
Vest Freugh		

GUIDANCE SYLLABUS:

COMBAT READY ATTACK

ATTACK CR DAY GUIDANCE SYLLABUS

Simulator Attack-A	Singleton. Consolidation of EW & OTMs.
Simulator Attack-B	Wingman. Range famil inc ML
Attack 1	No 2 Pair. EWTR, OTMs and Range
Attack 2	Lead Pair.
Simulator Attack-C	Consolidation of Evasion.
Attack 3	No 2 of 2 vs 1.
Attack 4	No 2 of 2 vs 1.
Attack 5	Lead 2 vs 1.
Attack 6	Lead 2 vs 1.
Simulator Attack-D	Intro to Affiliation.
Attack 7	No 2 of 2 vs Affil.
Attack 8	Lead of 2 vs Affil.
Attack 9	No 2 or 4 of 4 (No longer completed on the OCU)
Attack 10	No 2 or 4 of 4 vs 1.
Attack 11	No 2 or 4 of 4 vs Affil.
Combat Ready Check	Lead 2 vs 1 or element lead of a 4-ship.

ATTACK CR NIGHT GUIDANCE SYLLABUS

Simulator Attack-E	Wingman on a night pairs parallel-track sortie.
Night 1	No 2 Parallel Track Pair
Night 2	Lead Parallel Track Pair
Simulator Attack F (EO)	NVG introduction and FLIR integration.
Night 3	Singleton. Night TFR with NVGs. ATF 500ft SCH Crew-member LCR/CR EO.
Night 4	Singleton. Night TFR with NVGs. ATF 250ft SCH

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COMBAT READY ENABLING OBJECTIVES - AAR & N TAC

Aim: The Air-to-Air refuelling phase is designed to provide crews with the training to receive fuel from an airborne tanker by day and night in compliance with national AAR regulations.

CORE CAPABILITY AAR OBJECTIVE	SIGNATURE
Prior to completing an AAR sortie undertake the AAR receiver course.	
Prior to completing an AAR sortie receive an AAR phase brief.	
Prior to completing Night Tac formation receive the night TAC phase brief.	

CR ATTACK DAY OBJECTIVES		SIGNATURE / DATE	ENC
Objective AAR - A	Experience in the simulator the procedures involved when joining and operating around an RAF tanker by day, iaw ATP 56 and extant SOPs.		
Objective AAR - B	Experience in the simulator an RV Echo and subsequently to be able to identify the EMCON procedures involved during AAR.		
Objective AAR-1	Complete a day AAR sortie from a drogue-equipped tanker, iaw with force SOPs and crewed with an AARI(P).		
Objective AAR-2	Demonstrate the ability to conduct AAR operations in a safe manner.		
Objective AAR-3	Demonstrate the ability to organise all domestic aspects of AAR and safely conduct AAR operations during an allocated time period, preferably from an RV Echo and under EMCON procedures.		
Objective AAR-C	Experience in the simulator the procedures involved when joining and operating around an RAF tanker, by night.		
Objective AAR-4	Receive fuel from a drogue equipped RAF Tanker at night, with full RT and from an RV Alpha procedure. Conducted by an AARI(P), AARI at Sqn Cdrs discretion.		
Objective N TAC A	Experience in the simulator the procedures involved when joining and formatting on a Tornado iaw extant SOPs.		
Objective N Tac 1	Complete a night join and manoeuvring around a Tornado iaw extant SOPs. Pilot/pilot sortie.		
Objective N Tac 2	Complete a night join and manoeuvring around a Tornado, with the assistance of NVGs, iaw extant SOPs. Pilot/pilot sortie.		

COMBAT READY ENABLING OBJECTIVES - ACT

Aim: The ACT Phase is designed to consolidate the OCU Syllabus and produce a crew that are both confident in manoeuvring the Tornado within R to S limits and can apply ac systems and tactics in a positive and timely manner. Crews are to experience the principles of free and engaged tactics to aid situational awareness and tactical decision making in a multi-bogey environment.

CORE CAPABILITY ACT OBJECTIVE	SIGNATURE	ENG
Objective ACT-1 Demonstrate consolidation of the OCU ACT output standard as No 2 of the formation and crewed with an ACL.		
Objective ACT-2 Demonstrate consolidation of the OCU ACT output standard as formation leader and crewed with an individual with similar experience.		
Objective ACT-3 Identify and practise the principles of free and engaged fighter-tactics against a similar type ac.		

Completion of the ACT objectives clears crews to undertake DACT, conducted iaw TI 4/84.

SYLLABUS	LIMITATIONS/GUIDANCE
ACT 1	No 2 of a 1 vs 1. Crewed with an ACL.
ACT 2	Lead of a 1 v 1. ACL in the formation.
ACT 3	No 2 of the pair. 2 v 1 Crewed with an ACL.

Seq	OBJECTIVES COVERED	OUTLINE SCHEME	CREW	DATE	ENG

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ML TIALD / LGB OBJECTIVES

ML TIALD / LGB aim: The ML TIALD / LGB phase is designed to provide crews with the knowledge and skill required to plan and execute ML attacks employing PWII, PWIII and IPGB designated by either the TIALD pod or a third party. In execution, crews must be able to perform both self and co-operative designation.

TIALD/LGB ENABLING OBJECTIVES	SIGNATURE / DATE
Received a phase brief on TIALD functionality.	
Received a phase brief on LGBs and ground designation.	
Received a phase brief and demonstration of associated planning aids.	
Received a phase brief on the TIALD trainer.	

TIALD / LGB OBJECTIVES		SIGNATURE	TNC
<i>All crews are expected to make full utilisation of the TIALD trainer prior to the airborne and simulator exercises.</i>			
Objective TIALD A	In the simulator demonstrate the formation integrity and the communication skills required to undertake the 'shooter' role during ML ops.		
Objective TIALD B	In the simulator act as 'bomber' for both a co-operatively designated ML TIALD attack and a third party designated LL attack, employing PWII or PWIII.		
Objective TIALD 1	Demonstrate the ability to employ PWII and PWIII from LL or ML against a target illuminated by a third party.		
Objective TIALD C	Experience in the simulator the TIALD pod handling required for ML IR or TV fixing and targeting routines.		
Objective TIALD D	Experience in the simulator the symbology, techniques and procedures involved for both PW II and PWIII self-designated ML attacks.		
Objective TIALD-2	With guidance, plan a ML sortie employing TIALD, PWII and PWIII, incorporating usage of all planning aids.		
Objective TIALD-3	Demonstrate the procedures, co-operation and TIALD handling relevant to each cockpit to successfully prosecute a self designated attack profiles.		
Objective TIALD-E	Experience in the simulator the symbology, techniques and procedures involved for both PW II and PWIII co-operative designated ML attacks.		

TIALD OBJECTIVES		SIGNATURE	INC
Objective TIALD-4	Demonstrate the procedures, co-operation and TIALD handling relevant to each cockpit to successfully prosecute a co-operative designated attack, both as designator and bomber ac.		
Objective TIALD-5	Demonstrate in the simulator the procedures, co-ordination and TIALD pod handling required to successfully prosecute night ML attacks employing TIALD, PWII and PWIII.		
Objective TIALD-6	Demonstrate the ability to designate 2 DMPIs during a single attack run.		
Objective TIALD-7	At the planning stage, identify suitable loser options and, once airborne, demonstrate the flexibility to carry them out.		
<i>Objectives TIALD 8 & 9 are to be achieved when training opportunities allow and should not delay award of ML TIALD / LGB CR status.</i>			
Objective TIALD-8	Demonstrate the ability to employ IPGB.		
Objective TIALD-9	Demonstrate the ability to utilise Passover.		

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SPECIALIST ROLE SYLLABUSES

1. **Introduction.** The specialist role syllabuses detail objectives for the training of sqn aircrew beyond CR Attack status.

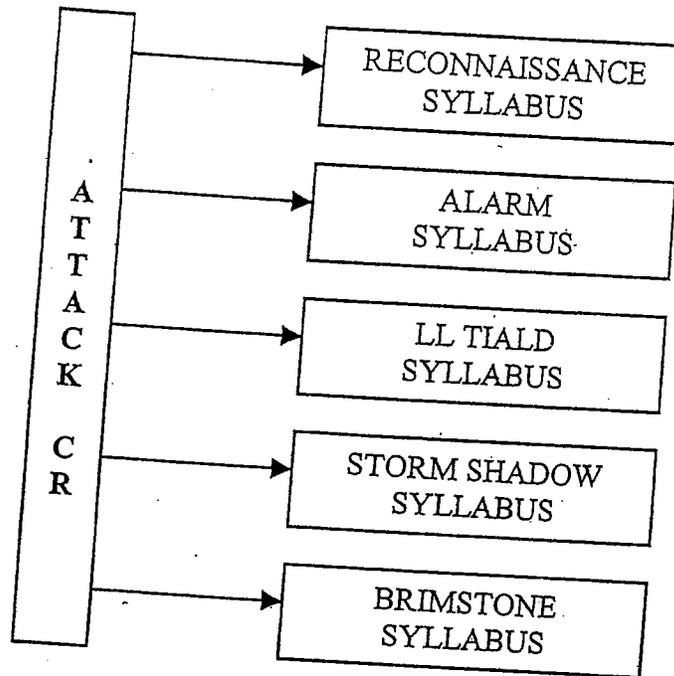


Diagram 1. Specialist Role Syllabuses.

2. **Phase Aims.** The aims of each syllabus are as follows:

- a. **Reconnaissance.** The Combat Ready (CR) Recce Syllabus, in combination with elements of the CR Attack syllabus, is designed to produce aircrew that can conduct Reconnaissance and Surveillance missions by day or night, as a singleton or as a pair, and in a potentially hostile environment. It directs the employment of visual and electronic means to locate, identify and track the activities and resources of opposing forces for possible attack or exploitation by other assets, and obtain data concerning geographic characteristics of a particular area.

- b. **ALARM.** The ALARM phase is divided into 2 phases. Limited CR (LCR) ALARM status confers the capability to employ ALARM as a means of self-support and should be available within all TGRF units. CR status is unique to specialist Sqns and involves undertaking SEAD and DEAD missions in support of a COMAO. Specific syllabus aims are as follows:

- i. The LCR ALARM phase is designed to ensure that aircrew are able to employ ALARM as a means of self-support. Launches would be against known sites in support of the formation's primary tasking.

- ii. The CR ALARM phase ensures that crews are able to undertake SEAD and DEAD tasking, employing ALARM, in support of COMAOs. Crews must demonstrate the flexibility in the air to adjust the sortie profile to ensure that appropriate ALARM coverage is provided to support COMAO ops against both pre-planned targets and using reactive tasking inputs. Crews must demonstrate the ability to use reversionary modes should it be necessary.

The LL TIALD phase is designed to progress TIALD skills practised at ML to include techniques and procedures required for efficient operation of the TIALD/LGB combination in the LL environment.

d. **Storm Shadow.** The Storm Shadow phase is divided into 2 phases. LCR Storm Shadow status confers the capability to release Storm Shadow using pre-planned mission data. CR status is unique to the specialist sqn cadres and includes the ability to plan a Storm Shadow mission including terminal manoeuvring and 2.5D target models on the TAMPA/SSMPA. Specific syllabus aims are as follows:

i. The LCR Storm Shadow phase is designed to ensure that aircrew are able to employ Storm Shadow on pre-planned mission data provided from external sources (eg: SSCMPF, SSCTF or CR Storm Shadow crews). Mission data would be provided to the crew, who would plan only the ingress to the launch area. They would be familiar with ac software and launch procedures, and have a basic understanding of capture criteria.

ii. The CR Storm Shadow phase ensures that crews are able to undertake Storm Shadow tasking, employing Storm Shadow in support of external tasking (eg: SS CMPF or SS CTF) or sqn 2.5D tasking. Crews will be nominated as sqn Storm Shadow cadre and be required to be familiar with all aspects of RAINDROP and TAMPA Storm Shadow mission. They would be familiar with all ac software and launch procedures, and have a full understanding of capture criteria. Crews must demonstrate the ability to use reversionary modes.

e. **Brimstone.** The CR Brimstone Syllabus, in combination with elements of the CR Attack syllabus, is designed to produce aircrew that can conduct Brimstone CAS and AI missions by day or night, as a singleton or as a pair, and in a potentially hostile environment. Crews will initially be capable of deploying Brimstone in support of pre-planned tasking from the JFACHQ. Additionally they should be capable where directed of employing visual, electronic and off-board sensor means to locate and target the armoured vehicles of opposing forces for possible attack. Due to limited software utility at ISD, crews will initially work up to LCR status to support pre-planned missions only, pending introduction of software standard Package 2 Part 2 TISMT 01 (P2p2 T1) which will support TOO attacks and the full CR syllabus.

3. **Commencement of Training.** Sqns may initiate specialist role training while undertaking the attack CR work-up, except where annotated in the relevant syllabus. However, specialist role training is not to impinge on progress towards achieving CR attack status. Award of specialist role CR status requires CR attack status to have been achieved.

4. **Annual Training.** To retain proficiency in specialist weapon roles, continuation training is required: the annual tactical training requirements are at Section 8.

5. **Currency Requirements.** To maintain currency in specialist weapon roles individuals are to have completed a specialist role sortie within the previous 3 months. Following lapse of currency, crews are to fly either an undemanding sortie or a simulator mission dedicated to refamiliarisation of the appropriate role techniques, procedures and resource management. Storm Shadow declarations provide for a cadre of CR crews with the remainder of the Force at least LCR. The 'cadre' CR crews will undertake 6-monthly certification whilst LCR crews will be certified annually, preferably prior to commencement of ops.

Annexes:

- | | | | |
|----|--------------------------|----|------------------------|
| A. | Reconnaissance Syllabus. | D. | Storm Shadow Syllabus. |
| B. | ALARM Syllabus. | E. | Brimstone Syllabus. |
| C. | LL TIALD Syllabus. | | |

TAB U

SWORN STATEMENT

Use of this form, see AR 190-45; the proponent agency is ODCSOPS

PRIVACY ACT STATEMENT

AUTHORITY: Title 10 USC Section 301; Title 5 USC Section 2951; E.O. 9397 dated November 22, 1943 (SSN).
PRINCIPAL PURPOSE: To provide commanders and law enforcement officials with means by which information may be accurately identified.
ROUTINE USES: Your social security number is used as an additional/alternate means of identification to facilitate filing and retrieval.
DISCLOSURE: Disclosure of your social security number is voluntary.

1. LOCATION Ali Al Salem	2. DATE (YYYYMMDD) 2003/03/27	3. TIME 0900	4. FILE NUMBER
5. LAST NAME, FIRST NAME, MIDDLE NAME [REDACTED]	6. SSN [REDACTED]	7. GRADE/STATUS 03/CPT	
8. ORGANIZATION OR ADDRESS C BTRY, 5-52 ADA			

9. I, CPT [REDACTED], WANT TO MAKE THE FOLLOWING STATEMENT UNDER OATH:

[SEE ATTACHED 33 PAGE TRANSCRIPT]

10. EXHIBIT	11. INITIALS OF PERSON MAKING STATEMENT [REDACTED]	PAGE 1 OF _____ PAGES
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ADDITIONAL PAGES MUST CONTAIN THE HEADING "STATEMENT OF _____ TAKEN AT _____ DATED _____"
 THE BOTTOM OF EACH ADDITIONAL PAGE MUST BEAR THE INITIALS OF THE PERSON MAKING THE STATEMENT, AND PAGE NUMBER MUST BE INDICATED.

[BG Lennox made the following open statement to CPT ██████████

The general nature of the proceedings is that this is a combined investigation of the United States it is an AR 15-6, Board of Officers, conducting an investigation. This is directed by the Commander of CENTCOM, and the Commander of the Combined Forces Air Component Command, General Mosley, and it is appointed by MG Bromberg, the Commanding General of the 32d AAMDC. The United Kingdom Board of Inquiry, Air Force pursuant to the rules of 1956, directed by the Air Officer Commanding in the First Group of the RAF, conducted simultaneously following the rules of each countries services. A separate Accident Investigation Safety Board, under the provisions of 385-40, will be conducted by the Safety Office of the Combined Forces Land Component Commander, at the direction of the Commander CFLCC, will also take place. You will be asked questions again by another board, but that's a Safety Board for separate purposes. A different focus, or terms of reference will be for each board, but there's a common goal of determining the facts and circumstances surrounding the incident. There are some different procedures that I will explain. For the United States there is no Initial Rights Advisement. For the United Kingdom an Initial Advisement of Rights will be given. To rationalize procedures the United States representatives will each administer an oath to each of you at the start of testimony on behalf of both boards. So, there will be a statement given at the start that will cover both boards. The United Kingdom representative will provide you with an advisement detailing your rights as to their board. They have separate rights, and Wing Commander ██████████ will explain that to you when I'm done. You will receive a Rights Advisement from a United States Board Representative if you're suspected of a violation. I do not suspect you of an offense

██████████

under the UCMJ, and I do not intend to advise you of your rights under the provisions of Article 31, of the UCMJ, at this time. Your unit's advised you of your rights in the past, or in the conduct of their initial inquiry. While you made a statement during that initial inquiry, you're not compelled to make a further statement, but the board would be then compelled to rely on your past statement alone if you chose to do that.

Do you have any questions? It's pretty complicated.

Are you sure?

A: No, sir. [Answer from CPT ██████████]

Okay, I'm going to turn it over now to Wing Commander ██████████

[Wing Commander ██████████ read the following statement, "Information For U.S. Witnesses", which will be inserted at this point in the record.]

[END OF PAGE]

██████████

filling shortages, replacing NMC equipment with FMC equipment, providing rail load teams, Maintenance Teams for MPA and conducting weapon ranges for individual qualifications. We also provided our equipment for MRXs for the deploying units, since their equipment was tied up for either rail load or MPA. [REDACTED]

[REDACTED] January we received an order to conduct a Live Fire mission. We stayed on the Live Fire until mid-February. We received the DEORDER on the evening of 10 February 03. We were informed that the possibility of Air Load was a possibility and plan and prepare for it. So we planned and prepared accordingly. This all changed and impacted our upload and MPA OPS. 1 week prior to leaving on Wednesday, the morning of MPA OPS we were informed we would be rail loading instead. We conducted MPA OPS til as late as the civilians would work, staged 90% of the equipment at the Rail Head. MPA took longer and we expected that, but we were doing the best we could. MPA went into the next day so we were sending vehicles from the MPA to the Rail Head. Thursday, Rail Loaded til dark, we got support from another unit on post. Friday, SRP'd. Saturday, inventoried and split the property book, POV Storage. Sunday, Closed the office areas and Motorpool. Monday, Closed the barracks. Tuesday we left.

Q: And NMC is Non Mission Capable?

A: Non Mission Capable, yes, sir. I returned from leave the first week of January, or right before January 1st, and we realized that Bravo and Echo, and then it was Alpha they had to do MPA OPS, Railroad OPS and so forth, and they were needing equipment when they went through MPA. I was augmenting them with either launchers, radios, or whatever it is that they needed.

Q: And these were obviously your predeployment checks?

A: Yes, sir. MPA, Motor Pool Preparation Area. During this time, the battery received an order to do a live fire around January the 19th in Socorro, New Mexico. So, the Battery was preparing to go to a live fire mission when it was reduced the down from a Battery [REDACTED]

[REDACTED] We stayed in that live fire throughout the time that we even got our DEORDER, because we were told that once a DEORDER came down that we would be taken off the live fire mission. But because the engagements were unsuccessful we had to stay on the live fire and the ADA testing. We were eventually taken off of that mission in February and I can go back and look at a calendar and get you the exact dates. But, I would say that we literally came out of the live fire and practically rolled into MPA Operations, and then to Railroad Operations, and then into an SRP. Then we closed out of our barracks, and then we prepared for deployment, and we were gone the next day.

Q: And then what happened when you got over here?

A: I asked what is our first priority, our first mission. Initially we were supposed to be augmenting with Delta on this system. Delta and my unit was going to switch out on this system up here for training. But, that all changed within 24 hours. And once we got here [REDACTED]

February the 27th, and we were told to be ready to assume mission by March 3rd on this site. So, on March, I'm sorry on March the 1st we did a Leaders Recon for this site to identify what resources we would need for this site, and we were limited in that Leaders Recon so we came back up the following day and then on March 3rd we assumed mission on this site.

Q: What's different about this equipment that's on this site, the equipment that belongs to you and your Battery?

A: I'm a PAC 3 capability Battery. This system right here is a CONFIG 2 system. It is not PAC 3 capability.

Q: So, your PAC 3 equipment is where?

A: It is actually being downloaded off of a boat right now. It just arrived in country today.

Q: What about this system. Where did this system come from?

A:

Q:

A:

Q:

A: This crew has been training on a PAC 3 system. All three Firing Crews have been trained under a PAC

Q:

A:

Q:

[REDACTED]

A:

Q:

A:

Q: And the crew in question, the team in question, are they experienced or are they new?

A: They just Table 8 certified, sir in February. And yes, sir, they are a fairly new crew. They were Battle Rostered in November. She Table 4rd in December, and her crew was training and Table 8 certified in February.

Q: For everybody's benefit would you describe what you mean by Table 4, and Table 8, what those mean?

A: Yes, sir.

Q: And?

A: Which is March Order and Emplacement and an Air Battle.

Q:

A:

Q:

A:

Q: Who certified them at the time in February. Do you certify -- does Battalion certify?

A: The Battalion certifies, sir.

Q: Could you tell us a little about since the start of the war, what the Battery has been doing leading up to this night?

[REDACTED]

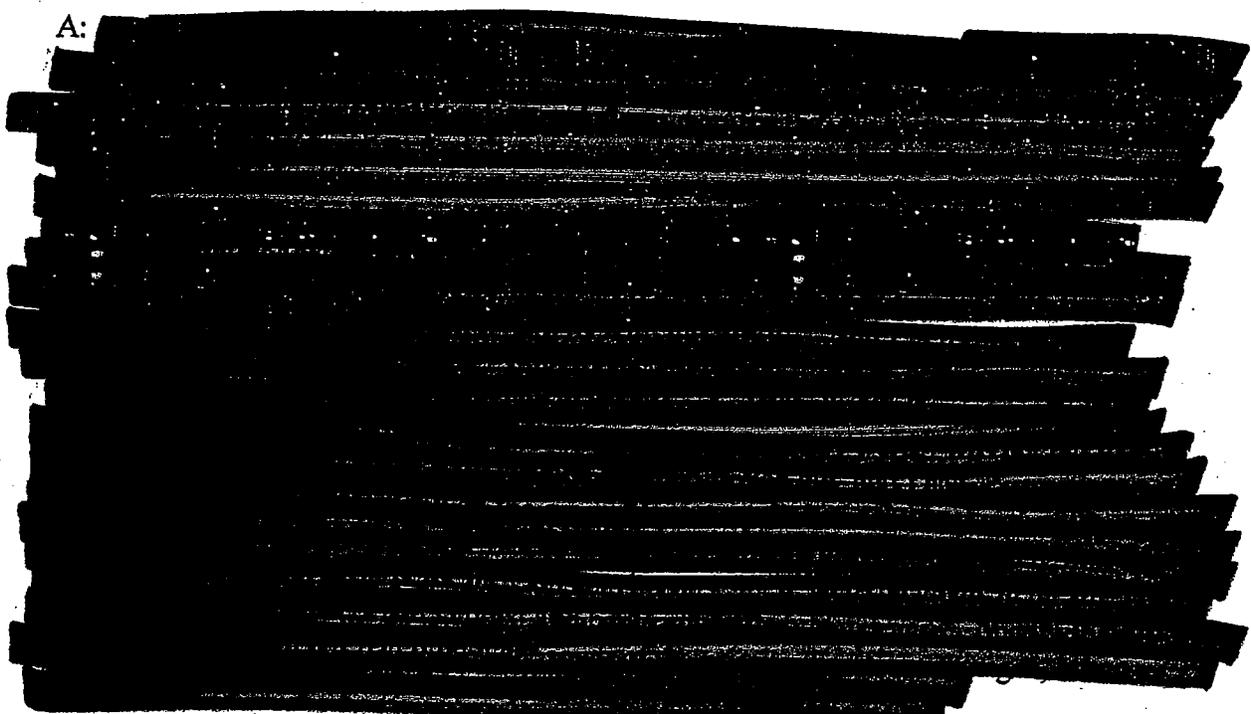
A: Um, the challenges that we've had for this mission is resources. We assumed on this site with literally the rucks on our backs. Because we not have any -- we didn't have any tools here for this site. Battalion was resourceing us with four vehicles, because we didn't have any of our own vehicles. We needed a "hot crew" vehicle, I mean we identified what we needed for this site, and battalion was resourceing us for the site. But it was also a challenge because all the resourceing as far as vehicles and even tools that we were getting were going to be pulled right back because 11th Brigade was -- we were going to be sliced back to 11th Brigade. So, everything that we were going to get from 552 went right back except for-- I would say like a small general mechanics probably toolkit, and a few other things. But, we got vehicles -- I want to say we got four vehicles from 5-52. We didn't have any TM's, electronic technical manuals. We were borrowing from other unit's manuals. Borrowing from other unit's tools, system tools, and in particular.

Q: Because your unit isn't -- because your unit equipment was in transit?

A: Yes, sir.

Q: You're operating this equipment temporarily?

A:



Q: Tell us about the day before if you would. You had your first engagement for this site.

A: When we did the first engagement prior to that I would say there was probably some -- in the back of probably -- almost everyone's mind, especially the non Air Defense



[REDACTED]

Q: [REDACTED]

A: [REDACTED]

Q: And what else happened that day. Can you tell us about the engagement?

A: [REDACTED]

Q: And 2-1 is your higher headquarters?

A: [REDACTED]

Q: [REDACTED]

[REDACTED]

A: Yes, sir. [redacted] was an early warning radio that we've had that 2-1 gave us. So, I go into the ECS and I ask the crew what happened, and they said there was a [redacted] TBM that one of the units, one of the firing units called down. And they did not know anything about that [redacted] track. So, we called the all clear. I go back outside to continue to work the force protection issue. Then I went to the CP to get an update on the INTSUM on the grenade attack, and I hear this loud "boom" go off. And I ran outside to find out what happened, and it was one of our own missiles that went off. So, I ran to the ECS. And when I ran inside the ECS--[Witness chokes up.]

Q: Okay, take your time.

A: [redacted]

[redacted] I told the crew "Great Job" patted them on the back and told her to get the report ASAP. Because we had already gone through one engagement and all the reports that you have to do and getting that engagement, all the data that needs to be collected, I told her, "That's your priority. Get me all the data, get your report, and I need it as soon as possible. I need it right now." And I said, "But don't take your eyes off the scope. I need you guys to stay focused." Because my um--my training um--doctrine is usually that [redacted] are usually accompanied, they're usually escorted. And I asked--I think I recall asking her if there was a separation, and she didn't see--she didn't know. I mean it's all kind of just foggy right now, but I remember wondering if there was a second -- um--a possibility -- I -- I was wondering if there was a possibility if another [redacted] was in the vicinity. So, I was more concerned about her being able to manage the Air Battle, to continue fighting through the Air Battle, and getting her reports. So, I came out and Major [redacted] called me and was asking me questions about what we hit. I told him it was an [redacted] And then at the same time we're dealing with what's going on outside, the accountability issue, sensitive items.

Q: Because of what you thought was a terrorist attack?

A: Yes, sir. We're still fighting that piece outside. Shortly thereafter, Colonel [redacted] called me to let me know that they were accounting for all friendly aircraft, and they were hoping that all friendly aircraft had been accounted for. And he asked -- and then I got a phone call from Colonel [redacted] to let me know that Lieutenant [redacted] crew needed to collect all their data, get their report together, and that she needed to come in and sit down and recollect--write statements about--about what happened. She was

[redacted]

coming off shift actual, because her crew changeover was at 0300, and this happened just shortly before 0300.

Q: That's a good question. How long are your shifts ordinarily?

A: Every shift is [REDACTED]

Q: And is that to long, or to short, the right amount of time. What's your opinion?

A: This is Captain [REDACTED] opinion, maybe we could do a little bit longer. Not much more. Because when we came into Theatre and we had to do [REDACTED] it was hard on our crews --on my crews. I talked with other fellow Battery Commanders, because I was dealing with these crews, I could already see that they had Battle Fatigue within the first four days almost. They had leadership challenges balancing TCO/Platoon Leader responsibilities. I had questions, taskings, and stuff for them to do, and I could see they were struggling with following up on tasking and duties. They were trying to juggle the van and their leadership responsibilities as a Platoon Leader outside the van. So, I talked to my Battalion Commander and I asked him if I could allow my crew at least [REDACTED] where they could pull and [REDACTED] for them to get a Battle Rhythm down for this so they could balance out their Platoon Leader responsibilities in the van. He approved for me to do it only a short time. It paid off, and we prepared them to go back to [REDACTED] And once they kicked back into the [REDACTED] they didn't have any more issues.

Q: You make it sound like and [REDACTED] Why is that?

A: [REDACTED]

Q: So, how would you characterize the crews. You talked about Battle Fatigue among others, how would you characterize your crews, and personal condition that night?

A: They were fine, sir. When we came into Theatre, and I was having that challenge with these crews I spoke with the other Battery Commanders, and they told me, "Yeah it's tough. It's tough on these crews." But, once they get through it, once -- at least, for at least four to five days, it will kick in and their body will become acclimated. And they'll begin to prioritize their sleep schedules, and a better rest cycle. And they told me that once they get that nailed down they will be fine. And I began to see that. So, it was -- it was new for us because we've never [REDACTED]

[REDACTED]

Q: Okay. Now I think what I would like to do is let others have an opportunity to ask questions about certain circumstances.

A: Yes, sir.

[Questions from LTC ██████████]

Q: Just a couple of things I want to clarify. The Configuration 2, to Configuration 3, you had no time to do any kind of training to ensure that your crews were -- had made the transition back to Configuration 2?

A: Roger, sir. Alpha 552 was on this site and we did a relief in place with them. There was no time for this crew to come up a day or two prior to that to get the difference between the Config 2, and the Config 3 system, and the limitations that they had.

Q: This particular group had they -- before we fielded PAC 3, and did that training for your Battery, had they been on Configuration 2 equipment, or had they always been on Configuration 3?

A: This current particular -- um -- Lieutenant ██████████ crew -- um -- well her in particular she would have been on Cofig 2 but very -- for a brief time. One reason why is because when she came into the unit -- to the Battalion, which would have been March of last year, or April last year she was in Echo Battery as an Assistant Fire Control Platoon Leader. She was in that Battery for maybe three months before she transitioned to go to HHB to be the Battery XO. So, she wasn't on the system very long. She went up to HHB as the Battery XO, and she came to me in Charlie Battery in November at which time I had already received my Config 3 radar.

Q: Do you know--is there, other than operational necessity, is there any reason why she spent three months in a tactical unit and then got pulled out to be an XO, and then got moved back to you. Are there any extenuating circumstances that caused that?

A: At the time sir, I was the Adjutant, she was in Echo Battery, and Lieutenant ██████████ can probably explain in more detail what was explained to her, why she was going to be moved from that tactical unit to HHB.

Q: Okay so went -- let me see if I got this right.

A: Yes, sir.

Q: She was in the unit about three months. Did she get Table 4 qualified in those three months?

A: I believe so sir. Yes, sir.

Q: So while she was in Echo Battery she was Table 4 qualified?

A: Yes, sir.

Q: And then she went to HHB to be XO?

A: Yes, sir.

Q: And when did she come to your unit?

A: In November, sir.

Q: Okay. When you got here was there anybody here external to the Battery that was here to help the crews make the adjustment, answer questions, continue required training while you were pulling the mission, or were you on your own?

A: [REDACTED] And I asked if there were any training issues and at the time there were no training issues that was brought to my attention. CW2 [REDACTED] Mr. [REDACTED] SFC [REDACTED] and SFC [REDACTED] came to the site numerous times to assist us. BN EMMO NCOICs for LS were the only ones who identified any deficiencies and those deficiencies were improper grounding and PMCS.

Q: Okay. Well, [REDACTED] was very different from Configuration 2 to Configuration 3 at best----

A: Yes, sir.

Q: So, so who helped your 31, your communications guy, to know how you're supposed to communicate in this configuration.

A: That would've been the CRG crew that was here on this site to include BN EMMO and Commo Chief, CW2 [REDACTED] and Mr. [REDACTED] and SFC [REDACTED]

Q: So, they helped train then that -- specifically this 31 Mike-- 31 Romeo they helped configure this particular equipment?

A: Actually sir, I'm not sure.

Q: You said that this crew Table 8d in February?

A: Yes, sir.

Q: You guys were tapped and you already described you were helping to push two Batteries out in the Battalion, you helped push the Battalion Headquarters, we had a

GEM firing going on, you got tapped to do that. We had the EDE experiment going on, and you got tapped to do that. A lot was going on. Then you said that this crew Table 8d in February. Where --where --she arrived at the unit and remember I'm trying to--when did her crew get through Table 4, then 5, 6, 7, and 8. If you could just run down the timeline of how we went to Table 5, how we went to 6, to 7, to Table 8, all that's going on and you've got the holidays in December.

A: Um--I would--I can give you a general run down, but for Table 5, 6, 7, Table 7, I could probably touch on a little bit, but I would say my Battery Trainer could probably give you a more detailed training plan that they went through. When she came to the Battery in November of -- we also had other TCA's that arrived the same time and Lieutenant [REDACTED] had them studying Table 4. He had study groups preparing all the TCA's and having everyone taking Table 4 tests. So, that was done -- she redid that by December, because I remember telling her she had 30 days to revalidate her Table 4, and she did it.

Q: She had to--she had to retake her Table 4?

A: Yes, sir.

Q: So why was that--if she was already Table 4, why did we have to redo Table 4?

A: Because sir, when she came to the Battalion in either March or April she took her Table 4 test in March -- I would say at least by May. That would have been the last time sir.

Q: And that would have been the last time since the timeline?

A: Yes, sir. And as a Commander with her being a TCO, and at the time I only had two Lieutenants in my Battery, prior to her coming to my Battery I only had two, and I'm authorized five. So, I had a Battery Trainer, and I had Launcher Platoon Leader. She came in and I made her the Support Platoon Leader, because she had already been an XO. She was a 2nd Lieutenant, she hadn't had much Platoon Leader time, so I put her in as the Support Platoon Leader, and had her covering down XO responsibilities, because I didn't have a Battery XO. She was also was the UMO for the Battery. She had quite a bit.

Q: Did -- how long after -- did she go to Movement Control Officer School in that time frame. How did she get certified. Did she get certified?

A: Yes, sir. She's been through some training--I would have to ask for more information and-- would have to go back and look at the training records with regards to unit movement. She's had some training, but I know she needs more.

Q: She didn't go through the schools during -- between November and December?

A: No, sir. She wasn't in any school between November and now.

Q: I'm just trying to get a feel for really how much time she's had to----

A: For TCO.

Q: ---- to be a TCO.

A: Yes, sir.

Q: Now who--so--how--tell me how Table 4 certified your Battalion. Tell me the procedures and policies of Table 4 certification for your Battalion.

A: They have to take a Table 4, and there's a Bravo and a -- I'm forgetting the um--I'm forgetting -- there's several parts to a Table 4 it's not just a written exam. There's practical exam too that they have to perform.

Q: Who administers the written exam?

A: The Battalion does, sir.

Q: Is it to your knowledge, do you know is the test a -- are there multiple tests. Is it the same test for each new TCO that comes in?

A: No, sir. The test -- will differ, because they have a data base that will select random questions.

Q: Okay. So, how -- given all of that I guess I'd just like a little bit of appreciation for where did they have time between November with all of those things going on to actually spend the time to get ready to Table 8 in February you said?

A: Yes, sir. And actually sir, she Tabled 8d within one week. She prepared and studied as much as she could. There was challenge of using our own system-- because the system was tied up, we came up with a training plan and schedule and shared with D/5-52 ADA.

Q: Within one week of the other companies? She Table 8d within one week of --

A: There was -- she had -- she didn't have much time on the system between November and the time she Table 8d. From the date that she Table 8d certified, and I'd have to get that date from the Battery Trainer, one week prior to that is what she had on the system itself. Where he committed training and-- it was solely dedicated for her crew. And it was an intense training plan that he developed for her because we were facing the deployment. We only had two certified crews. He worked very hard. They worked very diligently too get certified.

Q: So, I guess I'm hearing something that probably makes perfect sense. Would you characterize her Table 8 as a normal process that TCO's go through?

A: Normal? No, sir. Most TCOs were training under a normal garrison and peace time environment.

Q: ---- because of the situation, you ----

A: We knew we were facing a real world deployment and her crew needed to get certified.

Q: ----facing all of that and you went into a combat -- you've got to get certain training level done in time in the time you had.

A: Roger, sir.

Q: Okay. Now, did you -- well first of all can you give me a kind of a run down of what you understand and remember of your command relationship where on arrival into Theatre?

A: When we arrived into Theatre we were under 552 as our Battalion Headquarters, and 31st Brigade being our -- they're higher headquarters.

Q: Okay. So, you were with your organic Battalion Headquarters?

A: Yes, sir.

Q: Then did that change. Did your command relationship change?

A: Yes, sir. I'd have to go back and look at the date right now, but I know that the date that 552 got their Movement Execution Order, we immediately became OPCON to 11th Brigade under 2-1 being our headquarters. 190900Z Mar 03 is the date we became OPCON to 2-1.

Q: Tell me -- just describe in general what kind of support that you were getting from 2-1 and higher brigade.

A: The very day that we became OPCON to 2-1, 2-1 brought down Master Sergeant [REDACTED] as well as a host of other representatives from their staff to identify what resources we need. They also brought in some resources for us and they told us we would be getting more support, but this is what they could provide us at the time.

Q: How about in terms of Operations -- Tactics and Operations. Was there support provided there?

A: As far as Tactics, sir, we were operating independent. So, you don't have the same

[REDACTED]

[REDACTED]

Q: And that's what I'm just trying to get a feel for. Did any Tactical Director, or Battalion, or Brigade EMO come to your site and try to help continue a-- some regimen of training or answer questions to make sure that your methods of operation an internal SOP's, internal SOP's were synchronized?

A: I do not recall a Tactical Director arriving that day with them. I do not recall a Battalion EMO coming with them, but I do recall a Warrant Officer coming with them who was probably a representative from the BRC.

Q: The BRC?

A: The Battalion Readiness Center.

Q: So, that was mostly a discussion about parts and support?

A: Yes, sir.

Q: [REDACTED] talking about?

A: [REDACTED]

Q: [REDACTED] - let's be a little specific. I just want to make sure I understand.

A: Yes, sir.

Q: [REDACTED], what kind [REDACTED]

A: Um--all I was aware that we were seeing [REDACTED] One of the TCO's informed me that he had seen [REDACTED]. I got with the other unit commanders in our -- at that time it was 552, Battalion EMO, and the BRC, and asked to inquire what are these [REDACTED]

[Questions by BG Lennox]

Q: [REDACTED]

A: Roger, sir.

Q: [REDACTED]

A: [REDACTED]

[REDACTED] Not that it was acceptable, but that basically this is what happening, and you deal with them. You call them in. You address them. You inform someone. So, they became, I would say [REDACTED] became something that's routine. Everyone is seeing them.

[Questions by LTC [REDACTED]]

Q: Okay. Let's -- I just want to capture a couple little points on that. So, your unit experienced [REDACTED]

A: Yes, sir.

Q: Could you describe to me as you became comfortable with the process that your [REDACTED]

[REDACTED] So, there is a process of evaluation ----

A: Yes, sir.

Q: ---- that a Tactical Control Officer goes through.

A: Yes, sir.

Q: Now, did your unit experience [REDACTED]. What they thought was [REDACTED]

A: I was not aware that one of my crews had experienced a [REDACTED] is my understanding that one of my crews has seen a [REDACTED] and it's not this crew. Um-- why he did not bring it up, maybe because of the [REDACTED] s that people are seeing and know and are aware of. And maybe his thought process was that while this [REDACTED] is the same as [REDACTED]. But, I think he only seen it once. Now I am aware the Bravo 552 seen [REDACTED] And this was before we assumed on this site.

Q: Who was the one who saw the [REDACTED]

A: My TCO, Lieutenant [REDACTED] told me that it was LT [REDACTED] Lieutenant [REDACTED] (B/5-52).

Q: [REDACTED]

A: No, sir.

Q: Did anybody ask you -- you weren't aware so obviously the next question kind of answers itself. Nobody called you [REDACTED]

A: Only after this.

Q: After this?

A: Yes, sir.

Q: Do you recall any -- do you know CW3 [REDACTED]

A: Yes, sir.

Q: Has he ever been on this site before this incident to your knowledge?

A: [Pause] CW3 [REDACTED] did not come to my site until 23 Mar 03. I don not know if he came prior to 3 Mar 03.

Q: I just wanted ----

A: ---- I would have to go back

Q: That's alright. On the night in question you mentioned that you walked into the van, and I assume it's Lieutenant [REDACTED] that's in the van, and that she just had [REDACTED] how did she know it was a [REDACTED] if you know?

A: It was from another firing unit sir. I don't know if it was Bravo 2-1, but someone called down SCUD launch, [REDACTED] in another firing unit. It was not ours.

Q: Okay. I don't want to put words in your mouth, I just want to understand the sequence of events. [REDACTED]

A: Yes, sir.

Q: And later it was clarified as [REDACTED]

A: Yes, sir.

Q: Is that correct?

A: Yes, sir.

Q: Do your lieutenants have a fairly standard Battle Rhythm. We talked about [REDACTED] Do you have a somewhat standard Battle Rhythm for them all, who for example, would put officers in your Command Post. How does the Command Post get manned on [REDACTED] What is the Battle Rhythm for your lieutenants?

A: In the Command Post, sir, I have -- I do not and XO since my XO is one of the gunnery crews in the van. So, in the Command Post [REDACTED]

Q: Okay. Go ahead.

A: [REDACTED]

Q: I was kind of wanting to focus on the TCO's. TCO's for example, where in their 24 hour period do they sleep. Is it right after being on the crew, right before being on the crew, is it that they all do it differently, is it just that they have a schedule.

A: Roger sir. They all manage their own sleep rest cycles based upon their positions. For example the XO is a gunnery crew. She's not covering down as far as XO duties in the CP so, her sleep cycle is going to probably be a little different then what Lieutenant [REDACTED] who is the Battery Trainer, and a Platoon Leader and serving as a TCO.

Q: Just to clarify Lieutenant [REDACTED] is also?

A: XO.

Q: XO?

A: Yes, sir.

Q: That is all I have.

[Questions by BG Lennox]

Q: Can I ask a follow up question. You said that the only time you remember anybody asking about [REDACTED] What was the answer?

A: [REDACTED]
[REDACTED] There was a comment regarding that um -- that the Warrant and I and uh-- I want to say uh--I don't know who I got the phone call from sir. I don't recall someone asked. I just remember someone asking me, and I don't remember who it was that was asking.

Q: I guess my point is [REDACTED]

A: Prior to the engagement?

Q: Yes. Do you recall?

A: I don't know sir. I would have to go back and look at the calendar right now.

Q: Okay. Wing Commander [REDACTED] do you have any questions?

[Questions by Wing Commander [REDACTED]]

Q: Captain [REDACTED], can I ask you how many Surface to Surface Missiles your Battery has engaged since the war started?

A: Three.

Q: Thank you. And you mentioned Lieutenant Colonel [REDACTED] asked you those questions about [REDACTED]. Do you believe Iraqi [REDACTED] to be a threat to your Patriot Battery. Is that your understanding that there is an Iraqi [REDACTED] threat in Theatre?

A: Not now sir.

Q: Did you believe there was one at the time of the incident?

A: Yes. The possibility, but not the major threat because my mission statement for this site when I first assumed it was that it was a TBM and ABT mission, priority being TBM.

Q: So, just to clarify that you also to your knowledge there was the potential of an Iraqi [REDACTED] threat?

A: The potential of an Iraqi ABT threat. An [REDACTED] particular was not specified.

Q: Okay. So again, just to clarify that, your understanding was that the Patriot warning you [REDACTED] a Patriot having an [REDACTED] track that could have been a Surface to Surface missile track. Do you understand my question?

A: Sir?

Q: [REDACTED]

A: Yes, sir.

Q: So, your understanding would be that a [REDACTED] track is an [REDACTED]

A: Roger, sir.

Q: Okay, thank you.

[Questions by LTC [REDACTED]]

Q: Just a little background. You've been in Patriot for how long?

A: For about eight years, sir.

Q: And you were a lieutenant where?

A: In Charlie 552, sir.

Q: So, you were TCO qualified there?

A: As a Second Lieutenant I did not get Table 8, I was a Table 7. Table 8 certification came. I was scheduled for Table 8, and our Battery failed a Battery Table 8. I didn't get and opportunity to get moved out for the Table 8 before I got moved up to the XO.

Q: Okay. Nothing further.

[Questions by CW3 [REDACTED]]

Q: You stated that you'd been in the Army for eight years now and you've pulled all your time in Air Defense?

A: No, no sir.

Q: How much time do you actually have with the Patriot system?

A: Um -- I spent one year as a Platoon Leader in a FORSCOM unit. I spent 18 months as a Battery XO in 6th Brigade, and then I went to the Advance Course. I came back and was a Battle Captain in S-3 shop for about a year, and then I went to be the adjutant for about six months, and then I assumed Battery Commander.

Q: So, your time in the van as a TCO would be approximately how long?

A: As a lieutenant about a year.

Q: About a year. Were you ever a TD -- you were not a TD at Battalion?

A: No. When I was on the system it was PDV 3.

Q: PDV 3. Is it fair to say that you know the duties of the crew members in the van. Do you know the responsibilities of a TCO, and those of a TCA, and those of the 31 in the van?

A: Yes.

Q: Not to say that you have to know their Table 8 specifics, but you know what their general responsibilities are right?

A: Yes.

Q: [REDACTED]

A: [REDACTED]

Q:

[REDACTED]

A:

[REDACTED]

Q:

[REDACTED]

A:

[REDACTED]

Q:

[REDACTED]

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Q:

[REDACTED]

A:

[REDACTED]

Q:

[REDACTED]

A:

[REDACTED]

[REDACTED]

Q: [REDACTED]

A: Say that again.

Q: [REDACTED]

A: [Pause]

[Statement by the Board President, BG Lennox]

It's okay for you to say "you don't know" if you're not sure.

A: I do know if you could just come back to me with that question.

Q: Sure. I'd be glad to restate, and try to be a little more clear.

A: [REDACTED]

[REDACTED] he was very shaken and we were concerned that we may be having another attack either in the air, or either outside. So, I was trying to get -- get her initial report of what happened. I told her to stay on the scope her, and her TCA to stay alert. I was going to go back outside and try to manage outside as well. And I didn't get the rest of those details on what that criteria -- how that [REDACTED] met all that criteria that night. And then I got the phone call that there was going to be -- that they were coming out to do an investigation and not to discuss it. So, I didn't -- even right now I still haven't discussed with her all those details regarding that.

Q: Right. This criteria -- where would this criteria be available to your crews right now. What book, or what manual?

A: 32nd AAMDC TSOP.

Q: So, if we were to go pull that manual that would explain the criteria under which the TCO would have the authority to----

A: Yes.

Q: Okay. Just a few questions on Intelligence Summary. I hear that you got an Intelligence Summary that night, and also that you believe that there was a possible of an armed threat in the area. You were specifically cognizant that you had a TBM threat in this area. You believe there to be an ABT threat in this area. Would it be fair to say that along with that ABT threat you thought there might be a possibility of an [REDACTED] threat as well?

A: Yes.

Q: [REDACTED]

A: [REDACTED] because I was -- because the mission that came down in the order that Charlie 552 will assume a TBM, and ABT mission for this site, um-- thought that there -- possibility of an [REDACTED] tell under the same thing as an ABT. If I had an Air Breathing Threat, then I also thought that the [REDACTED] -- the possibility of an [REDACTED] existing came under that same umbrella.

A: No.

Q: Do you know today any of that information. Do you know [REDACTED]

A: [REDACTED]

Q: [REDACTED]

A: [REDACTED] Because when -- outside we heard the loud -- she had already engaged and we heard -- we heard the alarm go off and the engagement. We thought it was a SCUD launch. We thought she launched at a SCUD. And it was until I got into the van that she told me it was an [REDACTED]

[REDACTED]

Q: I see.

A: [REDACTED]

Q: So, your actions after the engagement were based on a TBM?

A: Right.

Q: Not specifically an [REDACTED]

A: Right.

Q: You didn't make a conscious decision that this [REDACTED] might be carrying something so, I'm going to react to an [REDACTED]. You basically reacted to a TBM?

A: Right.

Q: Do you still today believe your mission has not changed. You're still have a ABT, and a TBM threat today?

A: We have a TBM only mission.

Q: TBM only. So, that's been modified since the incident?

A: Yes.

Q. Sir, that's all the questions that I have.

[The Board recessed.]

[The Board resumed and CPT [REDACTED] the witness was reminded that she was still under oath.]

[Questions by LTC [REDACTED]

Q: I just wanted to clarify. You talked about doing a Battle Short certification, Table 8 certification in February. Could you describe what that certification was exactly. How they conducted that, and how is that the same. Is that different from a normal Table 8?

A: Normally all TCO's, or all crews, gunnery crews that are going to certify together, all TCO's have 90 days to certify Table 8. Her crew had 90 days from November; however, because of all the tasking and the support that we were providing for the Battalion and the

system, our system, being tied up she did not have a full 90 days on the system. She had one week dedicated to her crew where they could get certified Table 8.

Q: More specifically I wanted to know "how is a Table 8 certification conducted?"

A: They do March Order and Emplacement, and then they go into an Air Battle. They have to do system validation, and then they go into an Air Battle.

Q: And did they do that for this February?

A: Yes, sir.

Q: And she was certified by whom?

A: By Battalion. I want to say Lieutenant [REDACTED] I would have to get with the TCO.

Q: That's fine. That's all.

[Questions by BG Lennox]

Q: And when you say March Order, and Emplacement, they have to March Order the Battery. The Fire Control folks. They have to act and physically move. They have to emplace the Battery. And then you have to start it up from scratch. And then you fight a simulated battle on -- so the simulations show on the scope and you have to show a level of proficiency. Is that what you meant. I just doing that to help clarify?

A: Yes, sir. But, her Table 8 actually involved being just the big four.

Q: Okay.

A: Being the big four.

Q: Being moved. So [REDACTED]

A: Yes, sir.

Q: Okay.

A: We had launchers that were available, but the whole Battery did not -- it was not a collective Table 8.

[Questions by CW3 [REDACTED]]

Q: Ma'am, just one more question on the threat. You're in a TBM role and you're aware that -- first, [REDACTED]

A: Yes, FROG 7's, the ABABIL's, the ALSAMUD's, and the AL HUSSEINS.

Q: [REDACTED]

A: No, however, I will say that it has been brought to my attention that there [REDACTED]

Q: [REDACTED]

A: Yes.

Q: [REDACTED]

A: [REDACTED]

Q: [REDACTED]

A: [REDACTED]

Q: [REDACTED] Thank you, sir.

[Questions by BG Lennox]

Q: I just have a few other questions. Because you're in a PAC 2 system in a PAC 3 Battalion. [REDACTED]

A: [REDACTED]

A: [REDACTED]

A: [REDACTED]

[REDACTED]

Q: So, there is a way to get at it, but it is time consuming is what you're trying to say.

A: Yes, sir.

Q: Okay. When you Tabled 8d this crew in February, is it designed around the PAC 3 system, or a PAC 2 system, and then what differences -- are you aware of differences between the two that might make a difference?

A: They Table 8d on a PAC 3 system. Differences, it would be system capabilities, that would be the differences. However the "Ready for Action" drills are pretty much the same.

Q: And in this specific case are there differences that would lead you -- because you're using the PAC 2 system are there differences in this particular case that might make a difference. In this engagement that took place. Are there differences between the two systems that might have lead to a different -- to something being down differently. Does that make sense. Are you aware of any or not?

A: No, sir. I would say the challenge right now would be the communications with are higher element, and the time that it takes to deconflict that track. That's the challenge right now.

Q: Okay

A:

Q:

A:

Q:

A:

Q:

A: Say again, sir.

Q:

A: Yes, sir.

Q: Thank you. [REDACTED]

A: Yes, sir.

Q: Is there at anytime procedure to call to the Command Post and ask for help in a situation maybe to find another TCO that's on duty, or to ask you for assistance or something like that?

A: Say again, sir.

Q: [REDACTED] I guess I'll phrase that another way. Is there another way [REDACTED]

A: [REDACTED]

Q: Can you give me some examples. [REDACTED]

A: [REDACTED]

Q: [REDACTED]

A: [REDACTED]

[Questions by LTC [REDACTED]]

Q: Back to the night right after the event you went into the van. You talked about focus on the scope get your reports did you ask anything about how she came to the decision to engage. Did she get permission, etcetera. Did you ask any questions about that?

A: Are you talking about the [REDACTED] sir?

Q: The [REDACTED]

A: When I had walked in she was saying, "It was an [REDACTED] It was an [REDACTED] ma'am", she said that it was heading directly at us. She said it was headed right for us. And it was coming right at us. And I asked her, I said, "Where did it come out of, where did you see it pop up?" And she said, "Right here", she was pointing at the screen.

Q: Could you tell where she was pointing about where that was. How far away from the unit?

A: She told me -- while I was standing in there in MOPP IV,-- she pointed at the screen it looked like it was [REDACTED] out.

Q: Okay.

A: And I asked her, "Are you sure", and she said, "Yes".

Q: Did you ask anything [REDACTED]

A: I believe that I did sir. I'd have to -- I'm trying to recollect, but I remember just -- things happening so fast for her in that van that she was telling me -- because I noticed she [REDACTED] When I got ready to go out of the van [REDACTED] and when I got ready to go out of the van I turned around because I was talking to her [REDACTED] and it dawned on me [REDACTED]

Q: Okay.

A: So, I don't recall specifically asking her about that.

Q: Okay. That's all.

[Questions by BG Lennox]

Q: Okay, I'm going to ask Wing Commander [REDACTED] if you'd like to make any final remarks.

[Comments by Wing Commander [REDACTED]]
Thank you for your help this afternoon it has been most appreciated. Again what we spoke about before if you would pass that on to your troops, but our deepest commiseration as well to you, your families and friends back at Fort Bliss over the experiences of the last week as well. Please pass that on to everyone back there as I won't have the time to be able to go around. I greatly appreciate it. Thank you.

[Questions by BG Lennox]

Q: Captain [REDACTED] thanks very much. This -- longer interview than I thought, but what you have told us has been helpful, and we sure appreciate how candid you've been with us, and sharing your thoughts regarding the entire incident. So, thanks very much.

[The witness, CPT [REDACTED] was warned and temporarily excused subject to recall]

[END OF PAGE]

We are here because AOC 1 Gp RAF has convened a Board of Inquiry (BOI) to investigate the accident involving Tornado ZG710 that crashed on 23 Mar 03. We are the members of that BOI. I have been issued Terms of Reference. The main requirements are for me:

- to investigate the circumstances;
- determine the cause or causes of the accident, and;
- investigate any other relevant issues.

The following comments are designed to help you in case you are unsure of your exact legal position.

1. The BOI have a duty to ask questions to find out exactly what happened at the time of the accident being investigated and during the sequence of events leading up to it. It is not the purpose of the BOI to find negligence or apportion blame. You are not bound by the Air Force Act 1955 (UK) and Queens Regulations. Therefore, you may be reassured that your evidence to the BOI is not admissible against you in disciplinary proceedings brought under the Air Force Act 1955 (UK). You may, if you wish, elect to be represented, at your own expense, whilst giving evidence before the Board. You do not have to answer the Board's questions if you prefer not to do so.
2. You should be aware that the evidence received by the Board, including your statement, could become available at a future date to the Next of Kin (NOK) of those killed in the accident. It sometimes happens that an accident investigated by a BOI subsequently becomes subject to proceedings in the Coroner's Court and/or civil proceedings for compensation in either the High Court or the County Court in England and Wales (or the appropriate Court elsewhere). You should be aware that your evidence before the BOI could, in certain cases, become available to the parties to those civil proceedings and if you are called to give evidence by either party you may be questioned on the contents of the statement you made to the BOI. Any evidence you give before the BOI should be as full and frank and accurate as possible.
3. If you are affected by the findings of the BOI in any way, you should be aware that the NOK may have sight of the BOI and may decide to pursue separate civil action.

Everything that is discussed at this BOI is in confidence and is treated accordingly. Consequently, when you leave us I have to remind you that anything that you have heard or discussed with us should not be discussed outside this Inquiry.

I have to take formal evidence from you for use by this BOI. All evidence given to this BOI will be given on oath.

PRIVACY ACT STATEMENT

AUTHORITY: Title 10 USC Section 301; Title 5 USC Section 2951; E.O. 9397 dated November 22, 1943 (SSN).
PRINCIPAL PURPOSE: To provide commanders and law enforcement officials with means by which information may be accurately
ROUTINE USES: Your social security number is used as an additional/alternate means of identification to facilitate filing and retrieval.
DISCLOSURE: Disclosure of your social security number is voluntary.

1. LOCATION C/5-52 ADA	2. DATE (YYYYMMDD) 20030323	3. TIME 1020 L	4. FILE NUMBER
5. LAST NAME, FIRST NAME, MIDDLE NAME [REDACTED]	6. SSN [REDACTED]	7. GRADE/STATUS O3/ACTIVE	
8. ORGANIZATION OR ADDRESS			

9. I, CPT [REDACTED], WANT TO MAKE THE FOLLOWING STATEMENT UNDER OATH:

At approximately 2330 SFC [REDACTED] came into the CP to inform us that Camp PA had just received a small arms Grenade Threat or attack. He was unsure I went to the ECS w/ PVZ Miles. Prior to going to the ECS - I told 156 to get everyone [REDACTED]. As we started to move everyone out of the tents. We discussed it would be better [REDACTED] on [REDACTED]. ECP had been augmented w/ additional soldiers. All other soldiers were placed in the bunker for cover + concealment. I went from bunker to bunker to check on soldiers + found some soldiers without their flak jacket so I sent them back - 2 by 2 to secure their flak jacket. In the mean time around 0030, we heard the horn blast [REDACTED] indicating Seed launch. I waited for about 10 minutes and went to CP. SGT [REDACTED] informed me he did not hear anything over the TACSAT so ^{we} went to the ECS. They told me it was a [REDACTED] and nothing else appeared on the scope - nothing hostile. I informed [REDACTED] about the discrepancy of the message he ETO gave us, told her to clarify if it was an attack or threat. Her ETO called 8/2-1 AOA & he said it was an attack. In the mean time 156 was working the Force Protection issue. I told her to battle lock the door, we would knock hard 2 times for her crew to recognize it was us at the door. I went back outside + gave the all clear from NBC, but directed for the unit to stay in [REDACTED] all non-mission essential personnel to stay in the bunkers, maintain IFPs, Abing Guards. I called 2/44 AOA BN S2 and asked for an IWSAM. I was told that Camp PA had been attacked by small arms grenades. The enemy had broken into the perimeter through the concertina + threw a grenade into a tent injuring a LTC. I requested for additional SEC FOR ^{Home} LTC [REDACTED] 144 AOA BN CDR. I went back out and checked the perimeter and told 156 about the CAMP PA incident to ensure our

10. EXHIBIT	11. INITIALS OF PERSON MAKING STATEMENT [REDACTED]	PAGE 1 OF <u>3</u> PAGES
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ADDITIONAL PAGES MUST CONTAIN THE HEADING, "STATEMENT _____ TAKEN AT _____ DATED _____"

THE BOTTOM OF EACH ADDITIONAL PAGE MUST BEAR THE INITIALS OF THE PERSON MAKING THE STATEMENT, AND PAGE NUMBER MUST BE BE INDICATED.

STATEMENT OF CPT [REDACTED] TAKEN AT C/5-52 ADA DATED 23 MAR 83

9. STATEMENT (Continued)

perimeter was not broken. I went into the CP again and called the Major cell to ^{request} them to send a roving patrol outside the PATRIOT FAC SITE on the south end of the perimeter because my concern was the access road on the other side of the berm. But the telephone ^{had} a lot of static and they could not understand a word I was saying. At approximately 0230 or 0245 I went to the EDS again and told them we would do crew changeover, one crew member at a time. I came back to the CP to call 2/44 ADA for an updated INSTUM when I heard a loud boom. I then heard the [REDACTED] for scud launch. I ran to the EDS and LT [REDACTED] informed me that her crew hit an [REDACTED]. I was shocked and asked her did she hard copy the engagement & was she positive it was an [REDACTED]. She said yes I'm positive it was an [REDACTED] - yes she hard copied the engagement. I asked her where did it pop up? She said about [REDACTED] and it was heading directly for us. She said it came out of no where and it was moving fast. I told her crew to complete the reports ASAP and to stay alert in case we had another TBMA [REDACTED] attack. I told her crew that her crew was relieved as soon as her reports were completed & to have her crew report to the CP ASAP. In the meantime we had to get Accountability & GO2 MUST GREEN. I received a phone call from Mason [REDACTED] told him what happened. I also informed [REDACTED] at the time it appeared all friendly aircraft had been accounted for. Col [REDACTED] called to inform me to have Lt [REDACTED] crew write statements about the incident and to call him back, but [REDACTED] I couldn't get through on the cell phone. [REDACTED] called me back and asked if that was us - I told him yes. I told him that the [REDACTED] was headed directly toward our Radar and felt as though our site [REDACTED] has been targeted. He told me he was working the SEC 708 issue.

- Q. Do you feel confident about the capabilities of this crew?
- A. YES SIR
- Q. HAVE YOU HAD ANY [REDACTED] POP UP IN THE PAST?
- A. I was not aware of any [REDACTED] POPPING UP ON C/5-52 system. However, B/5-52 ADA SEEN ONE.
- Q. HAVE COMMS TO HIGHER BEEN AN ISSUE ON THIS SITE?
- A. SOMETIMES
- Q. WERE COMMS AN ISSUE DURING THE [REDACTED] ENGAGEMENT?
- A. EARLIER THEY WERE SOMEWHAT STAGY, BUT WE MADE SEVERAL ATTEMPTS TO CLARIFY THE CAMP PA GRENADE ATTACK MESSAGE.
- Q. WERE YOU [REDACTED]?
- A. NO, SIR

9. STATEMENT (Continued)

Q. [REDACTED]

A. NO SIR

I HAVE BEEN READ MY RIGHTS - [REDACTED]

AFFIDAVIT

I, CPT [REDACTED], HAVE READ OR HAVE HAD READ TO ME THIS STATEMENT WHICH BEGINS ON PAGE 1, AND ENDS ON PAGE 3. I FULLY UNDERSTAND THE CONTENTS OF THE ENTIRE STATEMENT MADE BY ME. THE STATEMENT IS TRUE. I HAVE INITIALED ALL CORRECTIONS AND HAVE INITIALED THE BOTTOM OF EACH PAGE CONTAINING THE STATEMENT. I HAVE MADE THIS STATEMENT FREELY WITHOUT HOPE OF BENEFIT OR REWARD, WITHOUT THREAT OF PUNISHMENT, AND WITHOUT COERCION, UNLAWFUL INFLUENCE, OR UNLAWFUL INDUCEMENT.

[REDACTED] (Making Statement)

WITNESSES:

Subscribed and sworn to before me, a person authorized by law to administer oaths, this _____ day of _____, _____ at _____

ORGANIZATION OR ADDRESS

(Signature of Person Administering Oath)

ORGANIZATION OR ADDRESS

(Typed Name of Person Administering Oath)

(Authority To Administer Oaths)

INITIALS OF PERSON MAKING STATEMENT

[REDACTED]

2. STATEMENT (Continued)

[REDACTED] Nothing Follows

AFFIDAVIT

I, CPT [REDACTED], HAVE READ OR HAVE HAD READ TO ME THIS STATEMENT WHICH BEGINS ON PAGE 1, AND ENDS ON PAGE [REDACTED]. I FULLY UNDERSTAND THE CONTENTS OF THE ENTIRE STATEMENT MADE BY ME. THE STATEMENT IS TRUE. I HAVE INITIALED ALL CORRECTIONS AND HAVE INITIALED THE BOTTOM OF EACH PAGE CONTAINING THE STATEMENT. I HAVE MADE THIS STATEMENT FREELY WITHOUT HOPE OF BENEFIT OR REWARD, WITHOUT THREAT OF PUNISHMENT, AND WITHOUT COERCION, UNLAWFUL INFLUENCE, OR UNLAWFUL INDUCEMENT.

[REDACTED] (Statement)

WITNESSES:

Subscribed and sworn to before me, a person authorized by law to administer oaths, this 6 day of April, 2003 at Ali Al Salem Airbase, Kuwait

ORGANIZATION OR ADDRESS

[REDACTED] (Signature of Person Administering Oath)

ORGANIZATION OR ADDRESS

[REDACTED] (Typed Name of Person Administering Oath)
CPT, JA (Authority To Administer Oaths)

INITIALS OF PERSON MAKING STATEMENT

[REDACTED]

TAB V

[REDACTED] Maj 11th Brigade

From: [REDACTED] Maj 11th Brigade

Sent: Sunday, March 23, 2003 4:32 AM

To: [REDACTED]

Subject: SPINs and TSOP

Sir, quickest way to send this to you. SPINs Instructions on [REDACTED] as well as TSOP Procedures for ID and Engagement of [REDACTED] and Independent Ops. We are assessing these NOW.

v/r

MAJ [REDACTED]

[REDACTED]