



Lab Ref: 300185920
Order No: 400234240
Police Ref: 64679/03
OP. TELIC

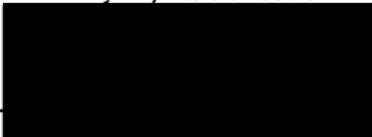
Witness Statement

Statement of Peter George BROOKES, B.Sc.
Age of Witness (if under 18) Over 18
Occupation: Forensic Scientist - Forensic Science Service, London Laboratory.

This statement, consisting of 5 pages each signed by me, is true to the best of my knowledge and belief and I make it knowing that, if it is tendered in evidence, I shall be liable to prosecution if I have wilfully stated in it anything which I know to be false or do not believe to be true.

(Criminal Justice Act 1967, s.9, M.C. Act 1980, 5A (3A) and 5B; M.C. Rules 1981, R.70)

Dated the 9th day of March 2004

Signature 

I am a forensic scientist specializing in the examination of firearms, ammunition and related items. I have worked continuously in this field for over 25 years at the establishment formerly known as the Metropolitan Police Forensic Science Laboratory.

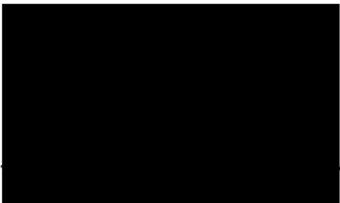
On 1st August 2003, I took possession of the following items which had been submitted to the Laboratory under the reference number 300185920. They were in sealed packages and described on the submission form in this way:-

PH/4 RIFLE 5.56MM SERIAL NO: UN 93 A342604

PH/8 RIFLE 5.56MM SERIAL NO: UN 91 A190388

AHA/2 BULLET FRAGMENTS

NSF/2 EMPTY BRASS CASING BATCH NO: RG 02

Signature 



Continuation of Statement of .. Peter George BROOKES, B.Sc.

I have examined these items with the assistance of a trained colleague whose contribution is listed on the attached Forensic Examination Record. I have identified that document as item PGB/1.

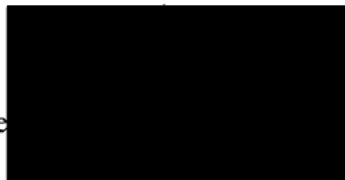
Items PH/4 and PH/8 each consisted of a L85 A2, 5.56 millimetre Nato calibre, British Service issue self loading rifle. Both were equipped with open, or iron, sights.

PH/4 carried the serial number UN 93 A342604 and, when I received it, was fitted with an issue carrying sling. The number N183, possibly a unit-applied identification number was written on the weapon in a number of locations. When I examined the breech face of the bolt, the gas effected parts and a bore wipe taken from the barrel of this rifle, they all appeared to clean. There was no indication that the rifle had been extensively fired since it was last cleaned.

PH/8 carried the serial number UN 91 A190388. It had also been marked with the numbers 47 and 26, again possibly unit identifications. No sling was present but this weapon was fitted with a combined light and laser sighting system, attached to the right side of the hand guard. When I received this rifle, the breech face of the bolt, the gas effected parts and the bore were all fouled through firing.

Both of these rifles were in full working order and I test fired each one several times. In addition I recovered bullets and cartridge cases that I fired in them, for microscopic examination.

AHA/2 consisted of a quantity of bullet fragments. One was a steel core from a rifle bullet. It was the correct style and size to be the mild steel core from the nose of a 5.56

Signature 



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millimetre Nato calibre, SS 109 rifle bullet. Such a core is present in this style of projectile to improve ballistic performance rather than to provide increased penetration. A plain cartridge, or ball round, of this calibre ammunition is a composite projectile consisting of a jacket of copper alloy around a lead and mild steel core. Since the steel core I examined would not have been in contact with the barrel from which it was fired, it was not suitable for comparison purposes.

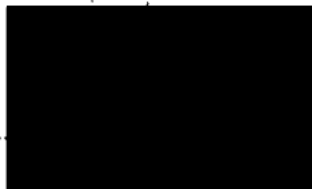
This item also contained two fragments of bullet jacket, both of which had been marked by the bore through which they had been fired. I microscopically compared them with bullets that I had fired from the rifles submitted. I found good agreement between marks left on one of the fragments, the largest one, and those left on bullets fired from the rifle PH/4.

The largest jacket fragment in item AHA/2 was part of a bullet that had been fired from the rifle PH/4.

In addition, I found indications that the smaller fragment had also been fired from that rifle, due to similarities in the markings. However, in the case of this fragment, there was insufficient agreement to make a positive identification. This similarity was present on a feature not represented on the larger fragment, therefore both jacket fragments may have been from the same bullet.

NSF/2 was a fired 5.56 millimetre Nato calibre cartridge case from ammunition produced at the Royal Ordnance Factory, Radway Green, in 2002. It was discoloured and damaged around the neck. Again I microscopically compared marks left on this case during firing with those on cases that I fired in the two rifles submitted. I found strong indications that this case was fired in

Signature





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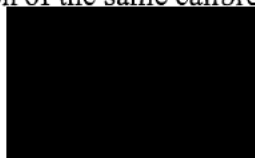
the rifle PH/4.

Having established a link between the largest bullet jacket fragment in item AHA/2 and the rifle PH/4, I proceeded to determine if there was any possibility of that rifle being inadvertently fired through some mechanical fault. The rifle was equipped with a manually operated safety catch, consisting of a cross bolt located just ahead of the trigger. This safety catch was in full working order. I found that the force on the trigger required to discharge the rifle was rather heavy, even for a service issue rifle. I found no tendency for the rifle to discharge through being jarred, dropped or roughly handled.

CONCLUSIONS

- Both of the rifles PH/4 and PH/8 were in full working order.
- The largest bullet jacket fragment in item AHA/2 was fired from the rifle PH/4.
- There were indications that the smaller of the two bullet jacket fragments in item AHA/2 was also fired from the rifle PH/4. It, and the steel core present, could have been part of the same bullet from which the larger fragment originated.
- There were strong indications that the cartridge case, item NSF/2 had also been fired in the rifle PH/4. However, I cannot rule out the possibility of it having been fired in another weapon of the same calibre.

Signature





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- There was no tendency for the rifle PH/4 to be discharged accidentally due to any mechanical fault.
- The rifle PH/8 was fouled through firing whilst, in the condition I received it, the rifle PH/4 appeared to be quite clean. Despite that, it was rifle PH/4 that was conclusively linked with item AHA/2, the fragments, and appeared to have fired item NSF/2 the cartridge case.

At the conclusion of this examination I signed the item labels and resealed the packaging.

A full record of the work I have done, and which has been done under my direction in this case, is available at the Laboratory.

The currently known dates when I will not be available to give evidence in court are listed on the reverse of page one in the original, signed, statement.

Signature



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Forensic Examination Record

This form relates to the internal document FSS-GS-191

Client Ref: **64679/03**
OP.TELIC

Laboratory Reference: **300185920**
Order Reference: **400234240**

Identifying mark for this document: **PGB/1**

NOTE: *Work was carried out by trained assistants using established procedures. A full record of the contribution made by assistants is contained in the case file, which comprises notes made at the time of the examination.*

Number of assistants used: **1**


If assistants used please state:

Name:	Brief details of work done:
Miss Anita Tamber B.Sc. (Hons)	Drew items from exhibit stores. Noted packaging. Opened packaging. Noted items.

Criminal Justice Act 1967, s.9; Magistrates Court Act 1980, 5A(3A) & 5B; Magistrates Court Rules 1981, R, 70:

I identify this exhibit as that referred to in the statement made and signed by me.

Name (BLOCK CAPITALS): **P. BROOKES**

Signature: 

Date **9th March 2004**

For court use only:

R. v.	
Exhibit No.	
Signed: _____	Date: _____
Justice of the Peace/Clerk to	Court



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Disclosure Index

(Reference Document Nos : FSS-GP-133 and FSS-GS-191)

Laboratory Reference: **300185920**

Order Reference: **400234240**

R v

*A tick (✓) in the column to the left of the Description list indicates that such material is in the possession of the FSS, a cross (×) that it is not.

FSS USE		CPS USE	
	DESCRIPTION		COMMENTS
✓	Laboratory submission forms		
×	Scene information supplied		
✓	Records of continuity of items		
✓	Dates of examinations		
✓	Details of packaging and sealing of items		
×	Records of material not examined		
✓	Records of work carried out in the laboratory		
×	Draft Statements		
✓	Documentation of procedures and technical methods		
×	Databases and surveys		
✓	Records of work done by assistants and checkers		
×	Intelligence information		
×	Records concerning other suspects		
×	Records concerning <i>modus operandi</i>		
×	Case conference notes		
✓	Notes of conversations and correspondence with police IOs		
×	Notes of conversations and correspondence with the CPS		
×	Confidential commercial information		
✓	Administration details, e.g. Case costings, invoices etc		
×	Other (specify), use continuation sheet if necessary		

(D = Disclose to Defence)

Reporting Officer

P.BROOKES

Officer in Case

**SGT
BAMFORD**

Reviewing lawyer

Date of completion **9/03/04**

Date

CONTINUATION SHEET USED

Yes

×

No

✓