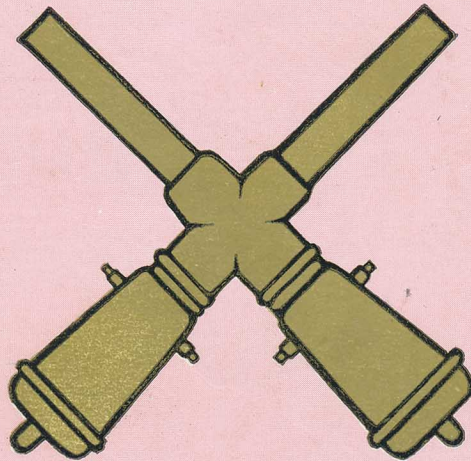
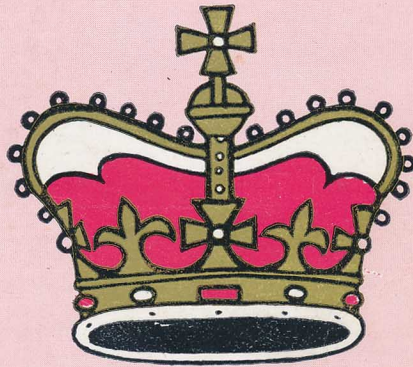
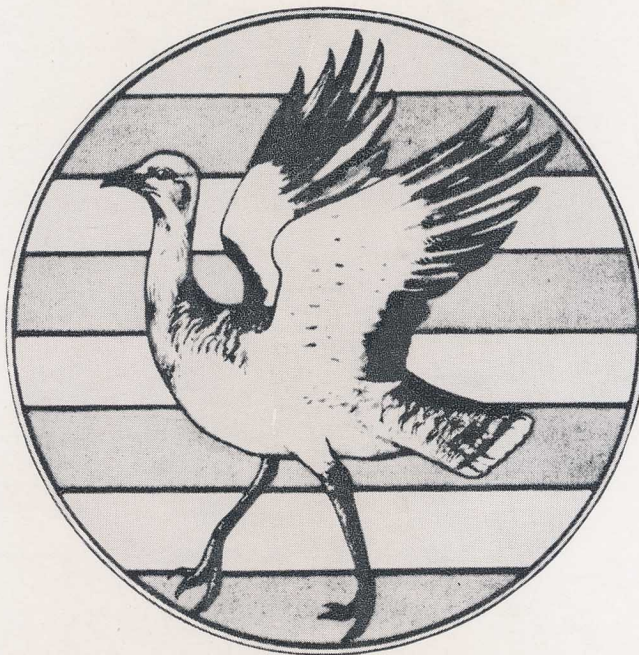


Artillery Day
Larkhill
1972



Souvenir Programme



The Royal School of Artillery was granted the use of the County Badge by the Wiltshire County Council in recognition of its 50th Anniversary celebrated in 1970.

PRICE 20p

After deduction of display expenses proceeds will be given to
Military Charities.

Artillery Day Larkhill 1972

Friday, 14th July

Salute taken by

Brigadier P. B. Foster, MC

Commandant The Royal School of Artillery

Saturday, 15th July

Salute taken by

General Sir Basil Eugster, KCB, KCVO, CBE, DSO, MC, MA

Commander-in-Chief, United Kingdom Land Forces



2nd Field Regiment – Artillery Day 1970

From a picture by Joan Wanklyn

FOREWORD

ALL of us at Larkhill wish you a very warm welcome to Artillery Day 1972.

Artillery Day is designed to show you, our visitors, something of the present day Royal Artillery. We shall not look back, nostalgically, to the past nor, prophetically, to the future. Our purpose is to demonstrate the equipments in service today and the soldiers who man them.

We shall give you some idea of the tremendous fire power, mobility and flexibility of our modern artillery. You will see the effect of these live shells bursting in the target area, but for reasons of safety we cannot bring these shell bursts any closer to you. You will also see Air Defence guns in action against aircraft. We cannot, of course, fire live ammunition so the guns will use 'break-up' shot. But otherwise all the shells fired are live.

The motto of the Royal Regiment of Artillery is 'Ubique', meaning 'Everywhere'. Gunners are stationed with the British Army of the Rhine, with the Strategic Reserve in England, in Hong Kong, Singapore and Gibraltar. Many regiments, some of whom are here today, have served as Infantry in Northern Ireland.

Our guns are our Colours and we take great pride in them. At the end of the firing demonstration, we shall invite the spectators to move forward into the arena and speak to the officers and men who have been firing, and to see their guns and equipment at close quarters. They will all welcome you, and your questions, and you will probably find somebody from the area in which you live. So don't hesitate to come forward when you are invited to do so, but NOT before, please!

We hope that you will enjoy your visit and find it interesting, and that you will perhaps learn a little of what we do in the Gunners and how we do it; and please come again next year. For any young men who may be interested in the challenge and interest of a career in the Gunners, there are full details and people to answer questions, in the main static display.

SOUVENIRS OF ARTILLERY DAY

On sale at the RAA Tent (Stand 18)

MODEL GUNS — plated and mounted on black base

25 Pounder	£3.07
105 mm Pack Howitzer	£3.07
Abbot 105 mm SP	£1.63
M109 155 mm SP	£1.63
Bofors Gun	84p
18 Pounder	£2.20

RECORDS OF THE ROYAL ARTILLERY BANDS

'RA Mounted Band'	£1.88
'Following the Guns with the RA Band'	£1.00
'Trumpet and Bugle Calls'	£1.00

50th ANNIVERSARY BROCHURE OF THE SCHOOL OF ARTILLERY

Fully illustrated historical record 25p

COLOURED POST CARDS

Royal Artillery equipments 3p

PHILATELIC SOUVENIR COVERS

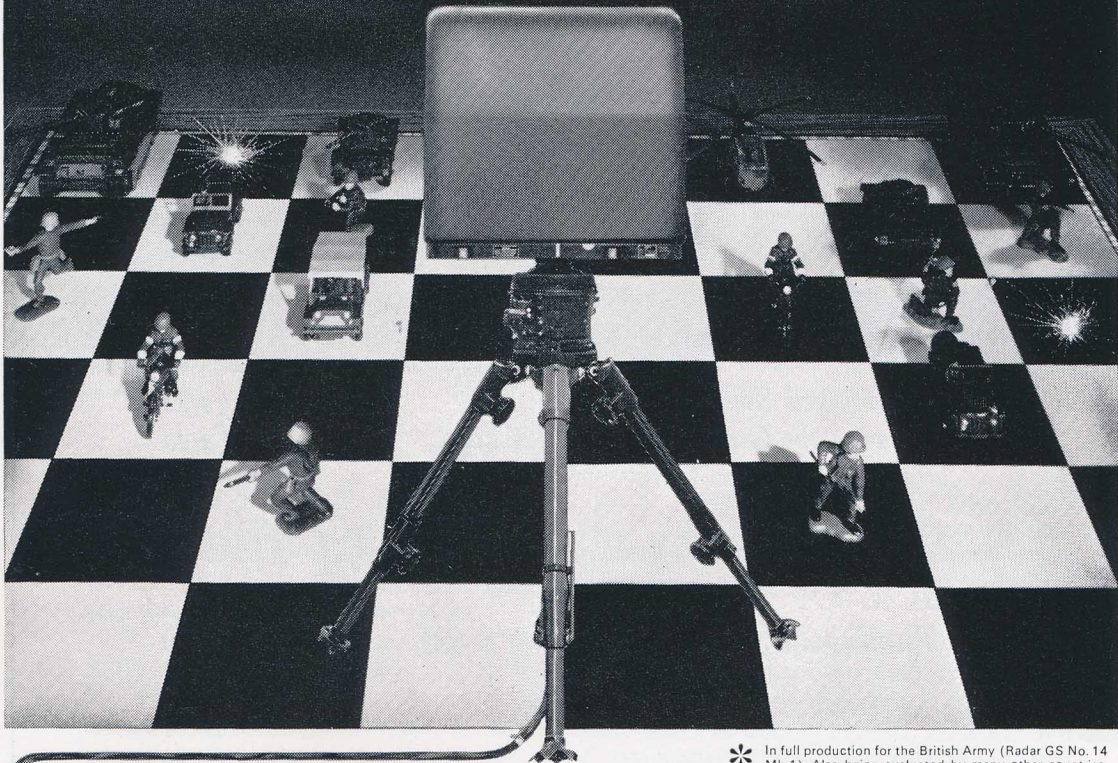
*Specially produced in 1970 to mark the
50th Anniversary of the School of
Artillery* 25p

Ash trays, Blazer Badges, Bracelet Charms, Brooches, Car Badges,
Cuff Links, Tankards, Ties and other items

*After deduction of display expenses proceeds will be
given to Army Benevolent Funds*

SURVEILLANCE

***ZB298 never misses a move**



* In full production for the British Army (Radar GS No. 14 Mk 1). Also being evaluated by many other countries.

24 hours a day detection, accurate location and recognition of moving men and vehicles in all weather conditions out to 10km

ZB 298 is a non-coherent X band pulsed doppler radar suitable for use in general and limited war, for internal security and for protection of frontiers, airfields, civil and military installations, etc.

Apart from its manportable use it can be simply mounted on and operated from within a wide range of vehicles.

☐ **QUICK TO DEPLOY** Ready for action in 2-3 minutes. Only seven discrete operations involved. 8 second warm up time.

☐ **SIMPLE TO OPERATE** Minimum number of operator controls (8). Only seven operations to detect, locate and recognise target in the worst case.

☐ **TWO MAN LOAD** but only one man needed for operating.

☐ **REMOTE OPERATION** of complete system from Display Unit.

☐ **CONFIDENCE CHECK FACILITY** Push-button control giving the operator an immediate and comprehensive check of radar performance, and confirmation of line of sight to target area.

☐ **RUGGED** requiring no additional protection or carrying case in transit.

☐ **SOLID STATE RELIABILITY** including visual display.

☐ **PAN-CLIMATIC USE** conforming to U.K. Defence Specifications.

☐ **OPTIONAL EXTRAS** Search arc indication. 1000 metre audio alarm facility.



Radar Head and Tripod weight 47 lb. (21.36 kgm)
Display Unit weight 19 lb. (8.63 kgm)

IMPORTANT No ground surveillance system can be complete and secure without TOBIAS (Seismic Intruder Alarm) for use when there is no line of sight e.g. dead ground or in periods of radio silence. Employing buried, passive sensors it has a similar range of applications to ZB 298. Now in service in the U.K. and other armies.
P.S. A Mark II version is now available.

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RANGE OF
MERCHANDISE
FEATURED IN THE
PLAYER'S FAMILY
CATALOGUE

UNDER THE AGE
OF 16 MUST
BE ACCOMPANIED

JP47C

Military Data Systems

**No need
to shout
any more**



Until recently, the only method of transmitting the artillery firing data to the individual guns of a battery was by verbal means.

Now that AWDATS (Artillery Weapon Data Transmission System) has been developed, the firing data produced by FACE (Field Artillery Computer Equipment) can be automatically transmitted and displayed at the guns, eliminating the need for "shouting" the data and the hitherto necessary checkbacks.

Each AWDATS consists of a digital coding unit situated at the command post, and a data display unit at each gun. Gun firing data from FACE is transmitted via the coding unit over existing radio or line equipment to the display units. This takes just $2\frac{1}{2}$ seconds for a six gun battery.

AWDATS has been developed and produced by the makers of FACE and will shortly be entering service with the British Army.

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planned technology*



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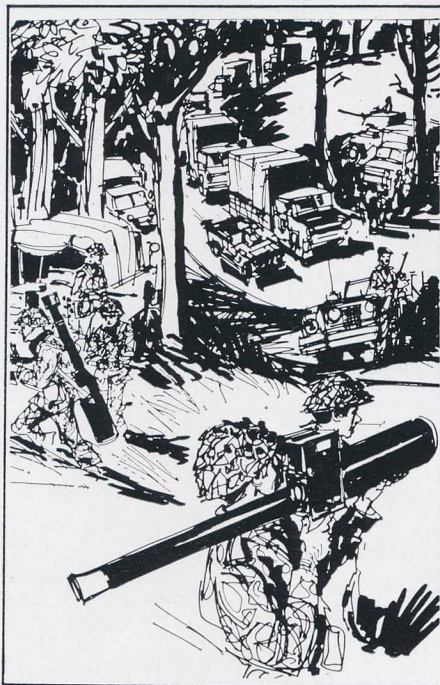


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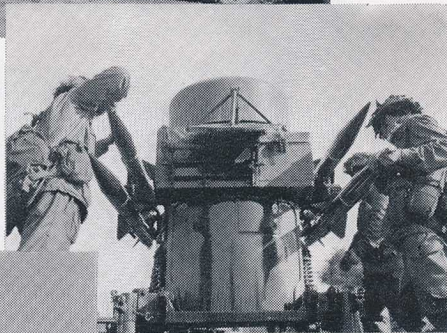


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high mobility

rapid deployment

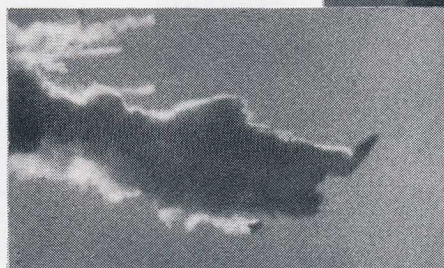


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total lethality

RAPIER... instant air defence

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GWE7

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make the
most of
fire
power**

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The new Ferranti PACER is the most convenient equipment yet developed for accurate measurement of projectile muzzle velocity in the field.

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Will operate from a 24-volt battery and can be deployed and used by one man.

Ready for instant use.

No warming-up period and no in-use adjustment.

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Actual muzzle velocity displayed in metres per second within two seconds of firing.

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Only 1 second radar emission per measurement.

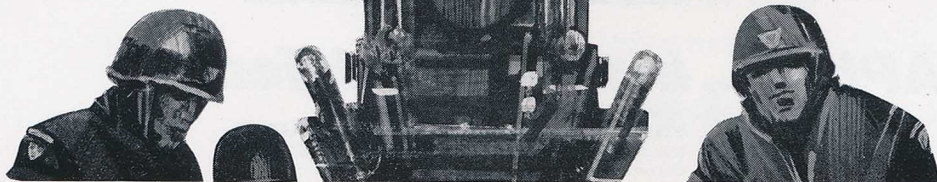
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The Ferranti Inertial Navigator operates effectively in all types of surface vehicles and provides vehicle position and heading to a very high degree of accuracy.

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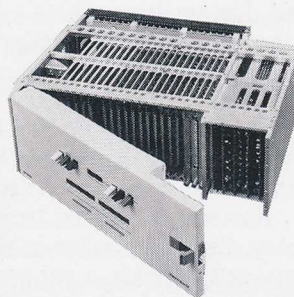
Computerised command/control systems

Ferranti capability in data handling and weapon control systems is equally applicable to land, sea and air forces. The FM1600 series of digital computers is already established with the Royal Navy as the basis for action information and fire control systems in ships and submarines.

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FERRANTI



The Royal Regiment of Artillery

ARTILLERY has played an important part on the battlefield since the Middle Ages, although the first two regular companies of Artillery in the British Army were not formed until 1716. Prior to this date 'trains of artillery' had been formed as and when required for specific campaigns and then disbanded.

The title Royal Regiment of Artillery was conferred in 1722 and the Regiment increased steadily in size until 1757, when it totalled twenty-three companies. In 1793, the first troops of Royal Horse Artillery were formed from picked officers and soldiers of the Royal Artillery, to provide the cavalry with close artillery support.

From the date of its formation the Royal Artillery played an increasing part in all the campaigns of the British Army and in particular distinguished itself at the Battle of Minden 1759, during the Great Siege of Gibraltar 1779–83 and in the Peninsular War. At Waterloo, in 1815, eight Troops of Royal Horse Artillery and five Brigades of Royal Artillery were engaged and played a decisive part in the great victory won that day.

In 1833, the Regiment was granted the motto 'Ubique' ('Everywhere') in place of all other Battle Honours. After the First World War, however, a number of batteries were awarded Honour Titles to commemorate particular acts of service. As you will see from the notes on the Regiments taking part in today's Main Arena Display, battery Honour Titles include both major and minor battles and also the name of the Troop Commander in respect of those batteries which fought at Waterloo, where Troops were known by the name of the Captain who commanded them.

During the First World War, the Regiment was greatly expanded and by 1918 there were over 2,000 batteries in existence, manned by well over half a million gunners from this country and the Dominions. The first anti-aircraft units were formed during this war.

In the Second World War, the Regiment expanded to such an extent that it comprised about two-fifths of the British Army and fought on all battle fronts. Field-Marshal Montgomery said of the Regiment – 'The contribution of the Artillery to final victory has been immense – they are terrific.'

Since then, the Regiment has seen active service in almost every trouble spot in the world in which the British Army has been engaged – Korea, Malaya, Cyprus, Aden, Borneo, Northern Ireland and elsewhere.

Today, though smaller in size, the Regiment is equipped, organised and trained to carry out as wide a range of tasks as at any time in its history. It is a far cry from the muzzle loaders of 1716 to the sophisticated guns, missiles and electronic equipments of the 1970s. The notes on the Regiments and Batteries taking part in Artillery Day testify that 'UBIQUE' is as appropriate now as it was when awarded nearly 150 years ago.



The Royal School of Artillery

A Short History

Origins

The Royal School of Artillery is descended from the School of Gunnery which was formed at Shoeburyness on 1st April, 1859. The artillery ranges at Larkhill were established in 1899 and the first camp erected in 1902 for use by practising units. It was not until 1912 that members of the instructional staff at Shoeburyness began moving nearer to the training areas being used by the field artillery.

The start of the First World War resulted in a large number of hutted camps being erected at Larkhill for units completing their training before going out to France. The Royal Horse and Field Artillery Section of the School of Gunnery and a new wartime Artillery School at Chapperton Down near Tilshead taught the field artillery units to shoot their guns.

By 1918, The Royal Horse and Field Artillery School had been established in Salisbury, and on the run-down of the Army after the Armistice, this School was amalgamated with the Chapperton Down School to form the School of Artillery at Larkhill. In 1921, the staffs of the Heavy and Siege Artillery Schools at Winchester and Lydd respectively were absorbed.

Inter-War Years

The new School was responsible for providing qualified field artillery instructors for the Gunnery Staff, to assist in the training of regular and territorial units, to carry out trials of new equipment, to stage artillery fire-power demonstrations and to write artillery training manuals. In 1926, all Young Officers joining the Royal Artillery on first commissioning from the Royal Military Academy, Woolwich, started coming to Larkhill to learn the rudiments of gunnery before joining their batteries. This important responsibility has continued to the present day with the arrival here in May of No. 77 Young Officers Course.

The School in 1926 was geared to deal with 40 officer students and 100 soldier students, employing a staff of 30 officers, 35 soldiers and a substantial number of civilians. During the summer, both regular and territorial units continued to use the Plain and ranges for their annual practice camps, assisted by the Gunnery Staff from the school.

At this time the equipment to be seen on the gun park and ranges included the 13, 18 and 60 pounders and the 4.5 and 6 inch howitzers. By 1938, the first 25 pounders had arrived at the School. This gun, which played such a prominent part in the Second World War, is still in use for course shooting purposes.

Between the wars, the garrison at Larkhill was slightly larger than it is today and consisted of four major units – the School, a field brigade, a medium brigade and a survey company. The School occupied two wartime hutted camps North of the Packway, which it continued to do until 1967. During the twenties, a number of brick married quarters were built, to be followed in the late thirties by the Garrison Church and officers' and sergeants' messes.

Second World War

During the Second World War, the scope of instruction and the number of students increased rapidly. The twelve-month Gunnery Staff Course was replaced by a short course of three months to meet the demand for instructors. In addition to field and anti-tank gunnery, instruction covered observation of fire from the air by Gunner pilots, co-operation with the RAF and the tactical handling of artillery units in the field.

By 1943, there were five instructional wings in the School: Gunnery, Survey, Tactics, Air and Equipment. The strength of the School rose to over 2,000, including 250 instructors and 1,300 students. The period immediately prior to the Normandy landings was one of intense activity. A number of important exercises and tutorials were held at Larkhill under the School's direction, to study problems likely to be encountered in France by the artillery units of 21st Army Group.

Post Second World War

In 1950, the School formed its own Signals Branch on the closure of the All Arms Wing at Catterick. The Survey Wing, renamed Observation Wing in 1946, was reorganised in 1952 as the Counter Bombardment Wing and assumed the additional responsibility for instruction in radar and electronic instruments. When the Green Archer mortar locating radar came into service in 1962, the Wing was renamed Locating Wing.

A Guided Weapons Wing was set up in 1957 to undertake instruction in surface to surface guided weapons. The first two guided weapon regiments in the British Army received their initial training at the School. With the decision not to replace the Corporal system with a new generation weapon, the Wing was merged with Gunnery Wing in 1965, who took over the teaching of Honest John.

In the early 1960s the decision to re-equip BAOR regiments with self-propelled guns created a considerable additional load on Gunnery Wing. By 1966, the following new equipments were being taught: The British Abbot and the American 155 mm and 175 mm guns. This programme also included the introduction of the FV 432 Tracked Command Post and the six-wheeled amphibious ammunition carrier Stalwart. In 1969, the next phase started with the arrival of the Field Artillery Computer Equipment (FACE) and the programme to convert all field artillery units to its use.

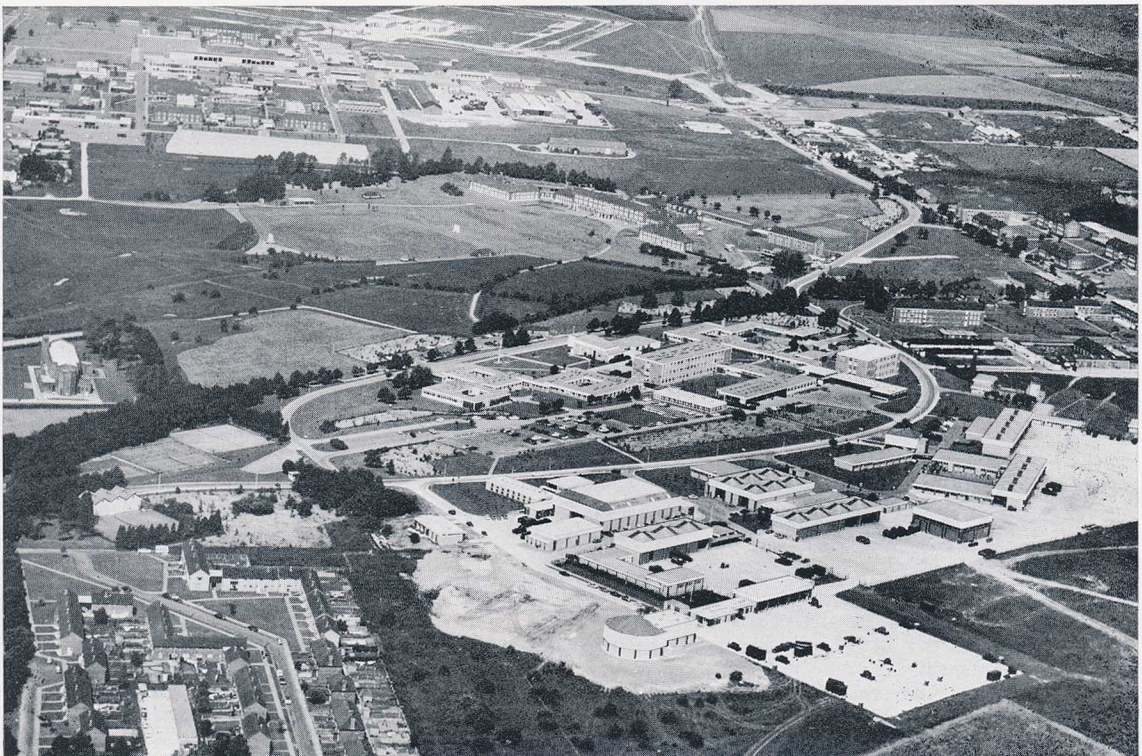
The Present

In recent years the appearance of Larkhill has been transformed by a major rebuild programme. As a result, the whole of the School is now accommodated in modern centrally-heated buildings and almost all the old huts, dating from the two World Wars have disappeared. New married quarters, County Primary School, RC Church and a full-size open air swimming bath, complete a very pleasant and comfortable place in which to live and serve.

1970 was a most significant year in the history of the School. It marked the 50th Anniversary of its establishment at Larkhill and the amalgamation with the School of Artillery, Manorbier, to form one School of Artillery with effect from 1st January, 1971. From the same date Her Majesty The Queen conferred the Royal title on the new School.

The School now comprises five instructional Wings – Gunnery, Air Defence, Tactics, Locating and Signals. The first four are headed by Colonels who are Chief Instructors, whilst the last named has a Lieutenant-Colonel from the Royal Corps of Signals. In addition there are the Administrative and REME Wings and the Young Officers Branch.

An aerial view of The School in 1971



MAIN ARENA

commencing

Event

1. **RA Bands**
The Royal Artillery (Mounted) Band and the Junior Leaders Regiment Band will play in front of the Grandstand under the direction of Captain G. E. Evans, ARCM, *psm*, RA.
2. **Opening Ceremony**
A General Salute will be sounded on the arrival of General Sir Basil Eugster, KCB, KCVO, CBE, DSO, MC, MA, Commander-in-Chief, United Kingdom Land Forces. Spectators are asked to stand when the Commander-in-Chief arrives and remain standing during the General Salute. On Friday, 14th July, the Salute will be taken by Brigadier P. B. Foster, MC, Commandant of the Royal School of Artillery.
3. **RA Foxhounds**
The RA Foxhounds were formed as Harriers in 1907 and converted to Foxhounds during the Second World War. They are the only remaining official military pack of foxhounds.
4. **Light Battery Parachute Drop**
G Parachute Battery Mercers Troop of 7th Parachute Regiment, Royal Horse Artillery, will be dropped by parachute from three Hercules aircraft.
5. **Air Landed Deployment**
An Andover aircraft will land on the airstrip in the arena to unload one 105 mm Pack Howitzer and its detachment provided by F (Sphinx) Parachute Battery.
6. **Helicopter Display**
The Blue Eagles are the Army's Helicopter Display Team from the School of Army Aviation at Middle Wallop. Their display is well known for its precision and skill.
7. **Free Fall Display**
The Black Knights of 7th Parachute Regiment, Royal Horse Artillery, will perform various manoeuvres in the air and attempt to land on the marker. On operations this technique can be used to land reconnaissance parties behind enemy lines. The team also includes members of 95 Forward Observation Unit, Royal Artillery.
8. **Deployment of Two Light Batteries**
F (Sphinx) Parachute Battery and 13 Light Battery deploy into the arena.
9. **Engagement of Low Flying Aircraft**
Two Bofors L40/70 guns of 12 Light Air Defence Regiment, Royal Artillery, will engage a low flying aircraft. As it would obviously be dangerous to fire live ammunition, they will be using 'break-up' shot.
10. **Falling Plate Competition**
Four Bofors L40/70 guns of 12 Light Air Defence Regiment, Royal Artillery, will take part in a competition to see which gun can knock over the target plates in the shortest time.
11. **Deployment of a Light Regiment**
3rd Regiment Royal Horse Artillery will deploy in the Arena.
12. **Two Fire Missions Battery**
Two batteries from the Junior Leaders Regiment, both situated outside the arena, will each engage by indirect fire a target which they cannot see.
13. **Two Fire Missions Battery**
F (Sphinx) Parachute Battery and 13 (Martinique 1809) Light Battery will engage the same targets from the Arena.
14. **Abbot Battery Drive Past**
The Battery Commanders and OP parties, command posts, Abbots, and Stalwarts of 159 (Colenso) Field Battery of 26 Field Regiment, Royal Artillery will drive past the front of the Grandstand. Abbot is the 105 mm Self-Propelled gun used by Close Support Regiments in BAOR. Stalwart is the military load carrier used to carry their ammunition.
15. **Deployment of a Medium Gun**
A 155 mm M109 Self-Propelled Howitzer manned by 17 (Corunna) Field Battery of 26 Field Regiment will deploy in the Arena. This gun fires a 95 lb shell, and is the standard equipment of the medium regiments in BAOR.
16. **Fire Mission Regiment**
3rd Regiment RHA will engage a target with variable time fuses (airburst).

PROGRAMME

at 2.00 pm

Event

17. Rapid Fire Competition

One gun each from 13 (Martinique 1809) Battery, D Battery and F (Sphinx) Parachute Battery will compete in turn and fire six rounds. The aim of the Competition is to achieve as many hits as possible in the target area in the shortest time.

18. Smoke Shoot

5th Light Regiment, Royal Artillery will demonstrate the effectiveness of White Phosphorous shells bursting on the ground to produce smoke.

19. Deployment of a M110 Heavy Gun

An 8 inch M110 Self-Propelled gun will deploy in the centre of the Arena. This is the gun with the large, short barrel and is in service in BAOR with our heavy batteries in a nuclear role.

20. Deployment of Abbot Battery

The Abbots return to the Arena and come into action to complete the family of self-propelled guns with which the Royal Artillery is currently equipped.

21. Fire Mission by M109

The M109 in the Arena will fire a demonstration of High and Low Angle shooting. Shells fired along different trajectories with a time interval between them will burst simultaneously on the ground.

22. Fire Mission by Medium Battery

5.5 inch guns manned by 16 (Sandhams) Battery, Royal Artillery, and deployed outside the Arena, will engage a target.

23. Deployment of Para-dropped Battery

The battery, which parachuted into the dropping zone earlier, will deploy in the Arena.

24. Fire Mission Regiment – High Explosive

3rd Regiment, Royal Horse Artillery, deployed in the Arena demonstrates the effectiveness of high explosive shells.

25. Fire Mission Abbot Battery

159 (Colenso) Field Battery engage a target by indirect fire using high explosive shells.

26. Fire Mission M110

The M110 engages a target on the horizon.

27. Abbot Shoot Against Tanks

The Abbot is also lethal in the Direct Fire role. They will demonstrate this by firing against tanks which they can see using squash head ammunition.

28. Fire Mission Division

All the guns of the Divisional Artillery engage one target on the orders of one OP officer. This shoot clearly demonstrates the devastating effect of a concentration of high explosive arriving at the rate of nearly five tons per minute.

29. BCs and OPs Deploy

The Battery Commanders' and Observation Post parties of 3rd Regiment, 7th Parachute Regiment, 13 (Martinique 1809) Battery and 159 (Colenso) Battery join their guns in the arena.

30. Honest John Firing

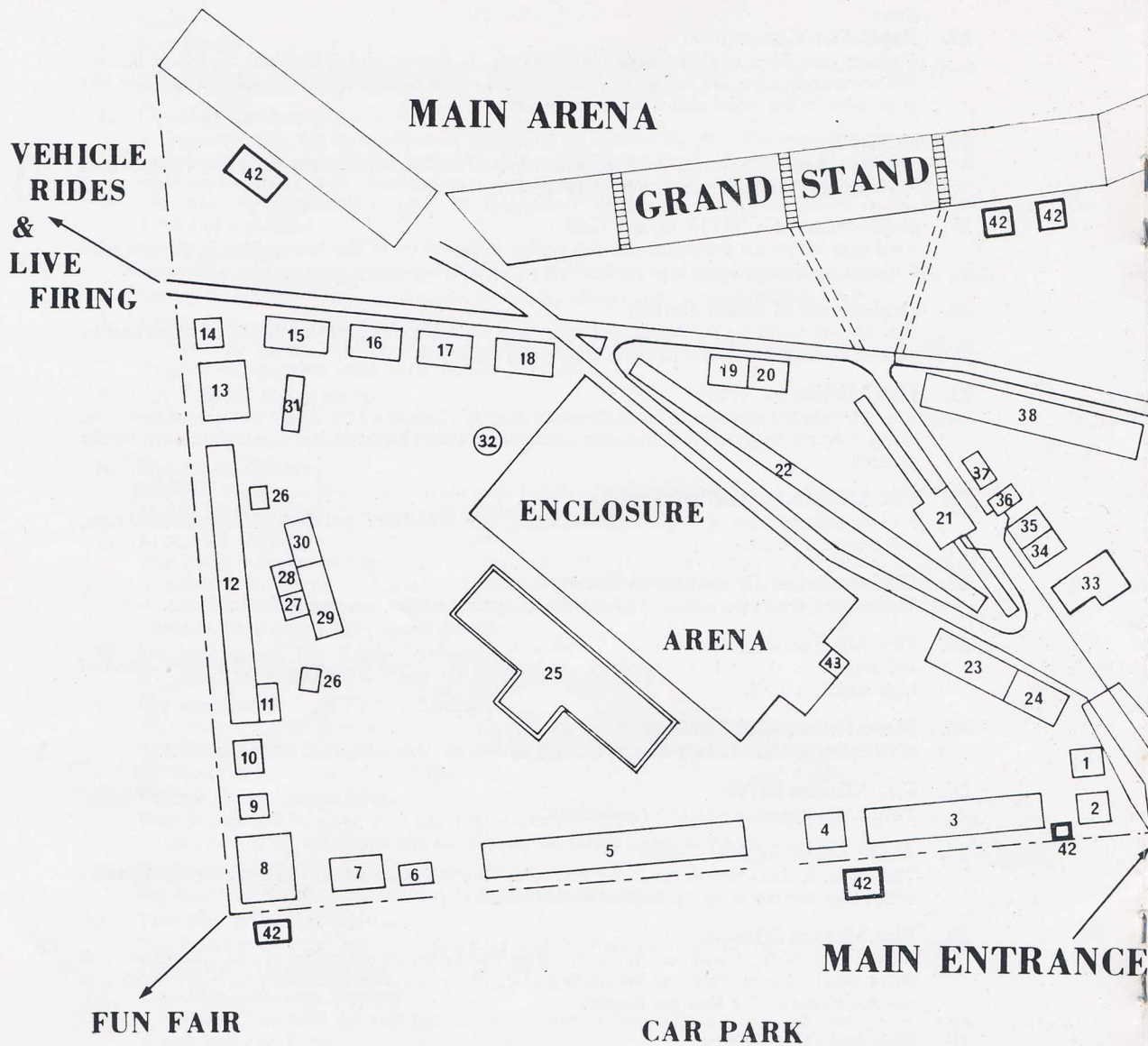
Honest John is a Free-Flight Rocket used to deliver a nuclear warhead onto a target. It is a mobile and reliable system and is currently in service with our missile regiments in BAOR.

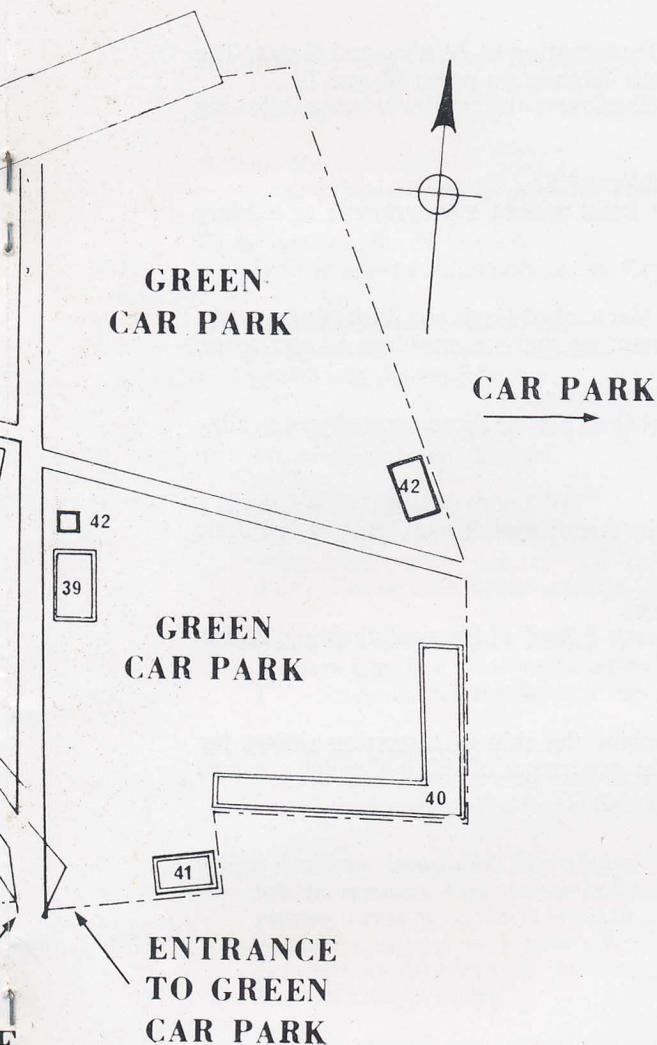
31. Fire Mission Regiment – Coloured Smoke

32. Audience Participation

Spectators are invited to move forward into the arena and speak to the officers and men who have been firing, and to see their guns and equipment at close quarters.

LAYOUT STATIC DISPLAY AREA





- 1 RSA SALES DISPLAY
- 2 ARMY FIRE SERVICE
- 3 REME WING DISPLAY
- 4 METHODS AND MEDIA DISPLAY
- 5 SIGNALS WING DISPLAY
- 6 WILTSHIRE CONSTABULARY (Road Safety)
- 7 AIR DEFENCE WING DISPLAY
- 8 BALLOON RACE
- 9 .22 RANGE
- 10 5.5 in. TUBE FIRING
- 11 29 COMMANDO LIGHT REGIMENT DISPLAY
- 12 COMMANDO DEATH SLIDE
- 13 PARACHUTE JUMP TOWER
- 14 CINEMA
- 15 PT ENCLOSURE (Trampolines)
- 16 RED CROSS POST
- 17 BOMB DISPOSAL
- 18 ROYAL ARTILLERY ASSOCIATION TENT
- 19 ST JOHN AMBULANCE POST
- 20 MUSEUM
- 21 VEHICLES OF THE ROYAL ARTILLERY
- 22 GUNS AND MISSILES
- 23 FIELD ARTILLERY COMPUTER EQUIPMENT DISPLAY
- 24 AMMUNITION DISPLAY
- 25 PUBLIC REFRESHMENTS
- 26 RECRUITING AND SOLDIER MAGAZINE
- 27 JUNIOR LEADERS REGIMENT DISPLAY
- 28 17 TRAINING REGIMENT DISPLAY
- 29 RA MOTOR CYCLE DISPLAY TEAM
- 30 289 PARACHUTE BATTERY
- 31 HELECOPTER
- 32 BAND STAND
- 33 SECRETARY
- 34 15 FIELD AMBULANCE DISPLAY AND FIRST AID POST
- 35 LOST CHILDREN COLLECTION POINT
- 36 AUTOMOBILE ASSOCIATION
- 37 WRAC DISPLAY
- 38 LOCATING WING DISPLAY
- 39 SERGEANTS' MESS
- 40 OFFICERS' MESS
- 41 OFFICERS' MESS BAR
- 42 TOILETS
- 43 COMMENTATORS' BOX

The Enclosure Arena Programme

DISPLAYS will take place in the Enclosure Arena starting at **11 a.m.** and **5 p.m.** The location of the Enclosure Arena is shown on the diagram on pages **18** and **19**.

The display programme lasts approximately 80 minutes and will include the following events:

Band of No. 1 Troop (Larkhill) B Battery Wiltshire ACF

The Corps of Drums, Bugle and Trumpet Band present a programme of military music and marching.

REME Vehicle Competition

Teams from the two Royal Electrical and Mechanical Engineers Workshops at the Royal School of Artillery compete in dismantling and reassembling a Land-rover.

Demonstration of the 105 mm Pack Howitzer (Saturday only)

289 Parachute Battery Royal Horse Artillery (Volunteers) demonstrate the versatility of the guns with which they are equipped.

Band of the Junior Leaders Regiment RA

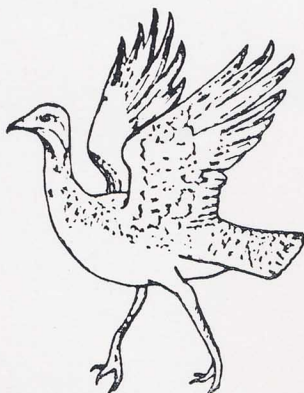
A musical display by the Junior Leaders in their Royal Horse Artillery full dress uniforms.

Army School of Physical Training (Saturday only)

A gymnastic display by members of the Army School of Physical Training, Aldershot.

Motor Cycle Display

The RA Motor Cycle Display Team combine the skill of formation riding, the comedy of some hair-raising clowns and the excitement of riding through a tunnel of fire.



Special Features

Air Defence Wing Display (Stand 7)

See the threat from the air and the new generation of Air Defence equipment to combat it.

Balloon Race (Stand 8)

Cash prizes of £10, £5 and £3. Tickets 5p each.

Guns and Missiles (Stand 22)

See the latest equipments of the Royal Artillery.

Historical Equipments (Stand 20)

A fascinating collection of guns, mortars and rockets from the earliest days of gunpowder to the modern era.

17 Training Regiment, Royal Artillery, Display (Stand 28)

Weapons through the ages.

Locating Wing Display (Stand 38)

Electronic training devices plus 'Electro-Magnetic Cannon', 'Pattern Drawing', and reflex tester – come and try your hand. Displays of Survey, Sound Ranging, Meteorology, Drone and Radar equipments.

Methods and Media Display (Stand 4)

Modern teaching machines used by the Royal School of Artillery – see yourself on TV – learn arithmetic the easy way.

REME Wing Display (Stand 3)

See the latest equipments and techniques used by the Royal Electrical and Mechanical Engineers at the Royal School of Artillery.

Royal Artillery Association Test (Stand 18)

See the replica Crown Jewels and buy Royal Artillery souvenirs. (These range from playing cards to silver models of guns presently in service, ball-point pens to ice buckets designed as drums.) Staff will be delighted to sign-on past and present Gunners as members of the Association and answer questions about it and the RA Charitable Fund.

Signals Wing Display (Stand 5)

Send and receive radio messages on the equipments in use today – see the future range of military communications equipment (use a radio to send a teleprinter message).

5.5 inch Tube Firing (Stand 10)

See how the breech of a medium gun operates and use the firing mechanism of an actual gun yourself.

.22 Rifle Range (Stand 9)

Fire .22 rifles on a realistic battle range.

Bomb Disposal (Stand 17)

A 'Do Not Touch Display' by 49 EOD Squadron, Royal Engineers.

Notes on the PARTICIPATING UNITS

3rd Regiment, Royal Horse Artillery

3RD REGIMENT, RHA, forms part of the Army's Strategic Reserve and has the task of providing direct artillery support to 19 Airportable Brigade based in Colchester. To enable it to fulfil this role, which demands that the regiment should be capable of moving anywhere in the world at short notice to give fire support, its three gun batteries, C, D and J (Sidi Rezegh), are each equipped with six 105 mm Pack Howitzers. This weapon, the Landrovers which tow it and the FACE computers which are used to control its fire, can be transported by aircraft or helicopter as well as by land.

During the past decade the regiment has seen service in Kenya and Aden as well as spending five years in BAOR. Since returning to England in mid-1970, however, it has had little opportunity to practise its gunnery, for it has spent a total of ten months in the past two years on Internal Security duties in Northern Ireland. There its tasks have ranged from patrolling the countryside of Co. Armagh and the border with Eire, dealing with riots in the Bogside and Creggan areas of Londonderry to countering the terrorist bombing campaign in South and Central Belfast.

The regiment returned from Ulster at the end of April and is currently in the middle of its last gunnery training season in England before it moves again. Early next year it leaves for the Far East and a two-year tour in Hong Kong.

5th Light Regiment, Royal Artillery

THIS Regiment's primary role is to provide close artillery support for 5 Airportable Brigade of 3rd Division with fire from eighteen 105 mm Pack Howitzers. The Gun Batteries have honour titles of K (Hondegghem), commemorating the defence of Hondegghem against a German Panzer thrust at a small village in Belgium prior to Dunkirk in 1940, P (The Dragon Troop) recalling distinguished service in the China War of 1840 and Q (Sanna's Post) an engagement in the Boer War where four Victoria Crosses were won by the Battery in a morning.

The Regiment is stationed at Bulford which is convenient for artillery practice on Salisbury Plain or worldwide deployment from neighbouring airfields. In 1970, 1971 and 1972 the Regiment put aside its guns to serve as an Internal Security Regiment on four tours to Northern Ireland, each time fighting to restore law and order in and around Londonderry city. All have maintained the standards of bravery set up by our forebears, earning many mentions in dispatches and Queen's Commendations for Brave Conduct during this campaign.

The Regiment returned from Londonderry two weeks ago to put down their small arms and retrain on the guns.

In the autumn the Regiment changes station to serve at Hildesheim, a town close to the Hartz Mountains in Germany, and changes to the heavy calibre self-propelled M107 175 mm gun to provide general support for BAOR. The Regiment's title becomes: 5th Heavy Regiment, Royal Artillery.



A 105 mm Pack Howitzer in action



7th Parachute Regiment, Royal Horse Artillery

7TH PARACHUTE Regiment, Royal Horse Artillery, is the only airborne artillery regiment in the Gunners today and therefore provides the close support for 16th Parachute Brigade. The Regiment is equipped with 105 mm Pack Howitzers which are moved into action by parachute or by more conventional means using helicopters and vehicles.

The Regiment with its three Batteries, F (Sphinx), G (Mercer's Troop) and I (Bull's Troop), returned from a four months' tour in Northern Ireland three weeks ago. Last autumn the Regiment spent six weeks on an exercise in Cyprus and during this winter it will be going to Malaysia on two separate exercises.

The Regiment is also represented today by its own Free Fall Display Team who are called the Black Knights. They have built up a nationwide reputation for their highly skilled performances in competition and at civilian and military displays. The team moves around the sky at speeds well in excess of 100 miles per hour before opening their parachutes at about 2,000 feet. The special parachutes used today enable the Black Knights to steer on to the target with great precision.

12th Light Air Defence Regiment, Royal Artillery

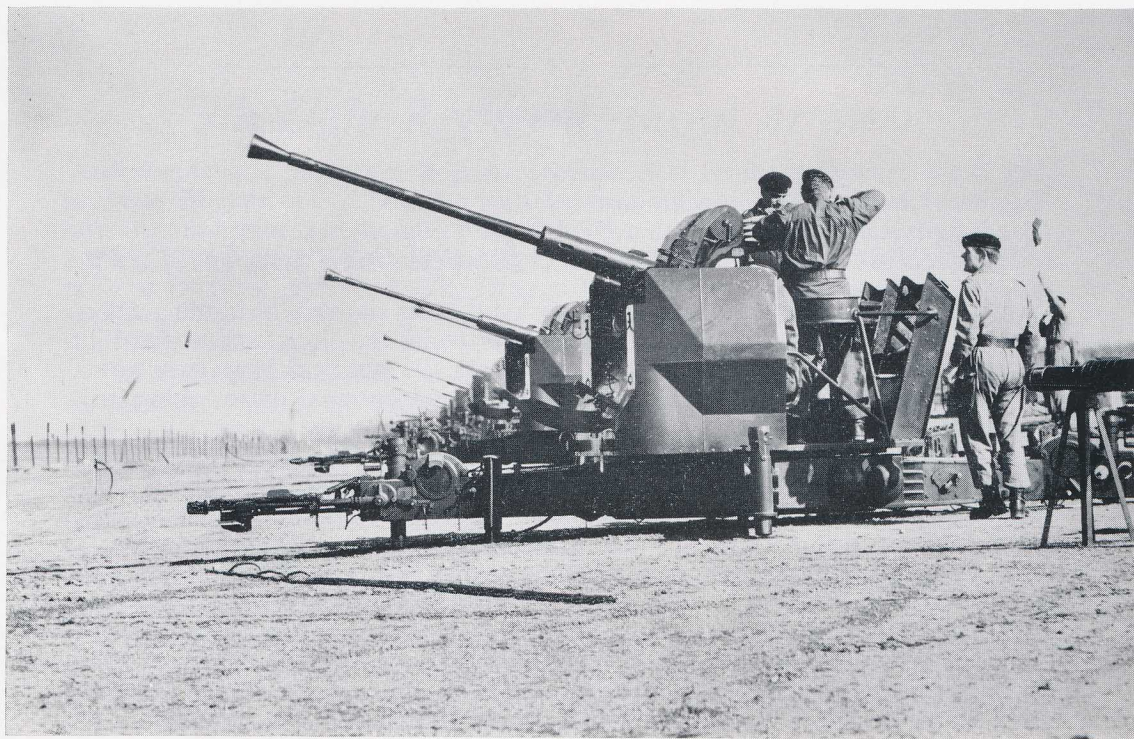
THE history of 12th Regiment dates from 1924 with the formation of 15th Field Brigade which served in India from 1926 to 1941. In 1938 the Regiment became 15th Field Regiment and during the 1939-45 war saw service in Iraq, Persia, Syria and Italy.

The Regiment was redesignated again in 1947, becoming 12th Anti-Tank Regiment and serving in Palestine, Italy, Egypt, Libya, Trans-Jordan and Trieste before a further change of role took place with the move to Germany in 1951 as 12th Light Anti-Aircraft Regiment. A tour in Malaya followed in 1963, which included operational service during the Indonesian confrontation campaign and the Regiment returned to BAOR in 1966.

In the summer of 1971 the Regiment joined 3rd Division to start its first period of continuous service in the United Kingdom since it was formed as an Anti-Tank Regiment in Palestine 24 years earlier and last September was picked to complete the first tour of London public duties carried out by a regular Gunner regiment. November saw the Regiment, in contrast, on the streets of Belfast at the start of a four-month operational tour on Internal Security duties.

The Regiment has now returned to Barton Stacey, but will be moving next month to a station new to Gunners, at Kirton-in-Lindsay in Lincolnshire, and in October it provides the first battery for conversion to the Rapier Guided Weapon System. A second tour of London public duties follows for the remainder of the Regiment in December.

The 40/70 guns of 12th Light Air Defence Regiment in action at Practice Camp





13 (Martinique 1809) Light Battery on exercise in Norway

26th Field Regiment, Royal Artillery

26TH FIELD Regiment is the Support Regiment to the Royal School of Artillery. The three Support Batteries are 16 (Sandham's), 17 (Corunna) and 159 (Colenso). The Regiment also has under command 13 (Martinique 1809) Light Battery which, together with part of Regimental Headquarters, is assigned to the Allied Command Europe Mobile Force. The role of this Force is to guard the flanks of NATO and it exercises regularly in Norway, Denmark, Italy, Greece and Turkey.

The Regiment is equipped with a variety of towed and self-propelled guns in order to carry out its many duties of providing artillery fire support for the Royal School of Artillery, the School of Infantry and the School of Army Aviation.

The Regiment was serving in BAOR until last summer, as the Close Support Regiment in 7th Armoured Brigade, and is now nearing the end of its first year at Larkhill.

Junior Leaders Regiment, Royal Artillery

THE Band of the Junior Leaders Regiment, Royal Artillery, appears, by tradition, in the full dress uniform of the Royal Horse Artillery. This is not one of the professional Gunner bands; its training has to be on a strictly part-time basis, since its members – any Junior Leaders who show aptitude – already have a full military and educational programme. The band has become a familiar and popular item at Tattoos and Shows throughout the country.

The fact that the Junior Leaders Regiment carries out a full programme of artillery training is emphasised by the participation in today's firing demonstration of a battery of 25 pounders manned by Junior Leaders.



An M107 175 mm long range self-propelled gun ready for action



The Royal Artillery Motor Cycle Display Team

THE Royal Artillery Motor Cycle Display Team, which is based at Woolwich, the home of the Royal Artillery, was adopted as the official display team of the Royal Artillery in 1961. Since that time the 30 members of the team, drawn from all ranks and regiments of the Royal Artillery, have thrilled countless thousands of spectators with their exciting performance.

The Grand Finale is probably the fastest display of formation riding in the world. Twelve of the most experienced members of the team ride at break-neck speeds, crossing and recrossing the arena in two and then four separate teams. At the conclusion of the display the team rides through the spectacularly dangerous Tunnel of Fire.

The leader of the team is Sergeant-Major T. Gledhill, BEM, who devises most of the events in the display. He is the rider who jumps over the 16 (and sometimes more) members of the team during the display.

Recently, Sergeant-Major Gledhill celebrated his tenth year as leader of the team by establishing a new world record. On 4th June, 1971, at the Royal Artillery Barracks, Woolwich, riding a BSA 441 cc Victor Grand Prix, he jumped over 41 men lying shoulder to shoulder. This jump established a new world record. The previous record was 34 men.

The Royal Artillery Mounted Band

THE Royal Artillery Mounted Band is one of the oldest staff bands of the British Army, formed as the Mounted Band in 1876 which was an amalgamation of the Royal Horse Artillery and the Royal Artillery Brass Band. The band became dismounted on 4th September, 1939 but has retained the title Mounted Band as a mark of its link with the Royal Horse Artillery.

Since the formation the band has gained a reputation for consistently high performances. Regular broadcasts with the BBC and extensive engagements at pleasure resorts have helped to establish the band as a most versatile combination being much in demand. The band has recently returned from a tour of duty in Germany, during which the band extended its popularity to a wide variety of audiences. The most memorable occasion was to perform for British Week in Vienna. The warmth of the reception given to the band by the Viennese was a true indication of the popularity of the band. The climax was a combined broadcast with the BBC Concert Orchestra from the Concert Hall in Vienna which was repeated by the BBC due to its great success.

It was a unique boast that the Royal Artillery Mounted Band was the only British band to produce a light orchestra in BAOR and as a result was much in demand throughout the zone. The orchestra therefore became first choice for all the Army benevolent concerts which included such stars as Anita Harris, Dicky Henderson and many others with the most popular being a very old friend of the Gunners and the Royal Artillery Mounted Band, ex-L.-Bdr. Harry Secombe.

The addition of orchestras in each band of the Royal Artillery is the result of a training system which requires every enlisted junior musician to study a stringed instrument in addition to a military band instrument.

The band has now settled in its new home at the Royal School of Artillery, Larkhill, in readiness to take on an extensive engagement programme in the United Kingdom which includes Tidworth Tattoo, Edinburgh Military Displays, Aldershot Tattoo and the Colchester Tattoo.

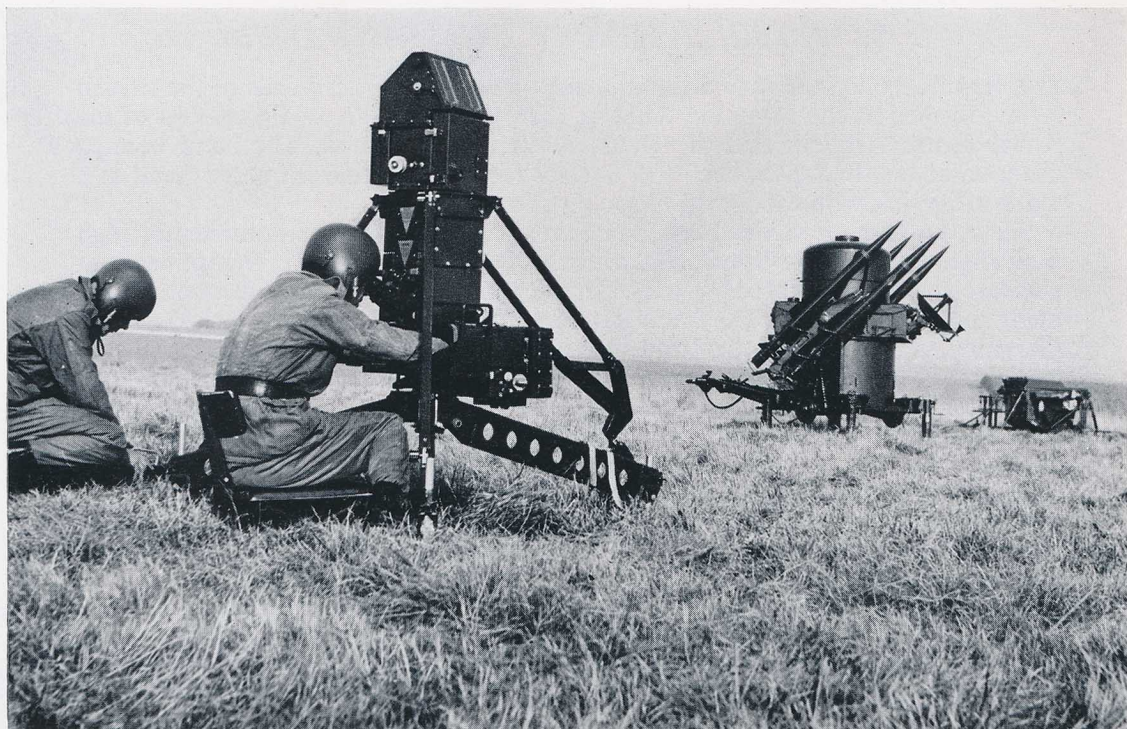


289 Parachute Battery, Royal Horse Artillery (Volunteers)

289 PARACHUTE Battery, Royal Horse Artillery (Volunteers) was formed on 1st April, 1967. Its role on mobilisation is to provide close artillery support for the Parachute Battalion of 44 Parachute Brigade (V).

The Battery is all parachute-trained volunteers who match the versatility of their 105 mm Pack Howitzers with their technical ability, toughness and stamina.

Training takes place throughout the year and involves parachute exercises for both men and equipment, firing the guns, and all the basic skills of the infantryman as well as the more demanding, combat survival and escape and evasion exercises.



Rapier – the new low level Air Defence missile system

No. 1 Troop (Larkhill) 'B' Bty, Wiltshire Army Cadet Force

THE 'Corps of Drums' of No. 1 Troop (Larkhill ACF) has been the highlight of many fêtes and carnivals within the area for several years. Their most privileged engagement being 'Artillery Day'.

Last year the band took first place in the ACF County Band competition, also their senior trumpeter, Bdr. P. Lynch, won the Bugle Competition and was awarded the Silver Bugle and Commandant's Bugle for the Best Sounder. Bdr. Ridgeway (same Troop) was a very close second.

September 1971 saw all percussion instruments out of operation due to boys joining the Junior Services. Since then new recruits have worked hard to achieve and maintain the standard of their predecessors.

Their average age is 14½ years. They train for two hours on two evenings a week, one evening being for band practice, the other for military and citizenship training.

There is an annual camp for 12 days, also there are week-end camps and courses throughout the year. Annual camp this year is being held at Okehampton in August.

All boys are welcome. If you are between the ages 13–18 years and are looking for adventure and comradeship, come and see us (Horne Barracks, Larkhill).



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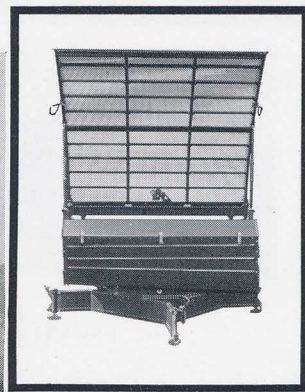
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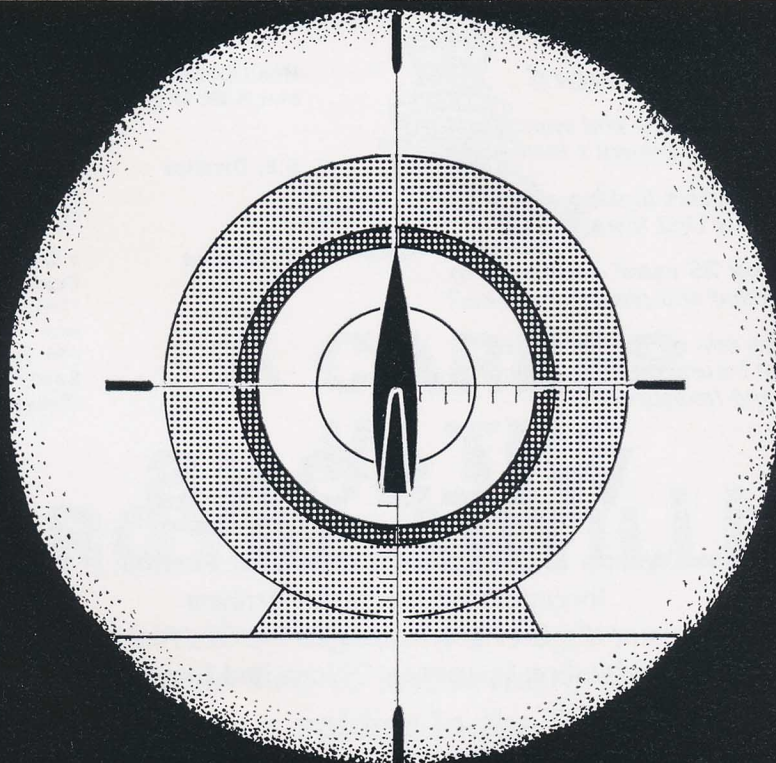
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
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A CAREER IN THE ROYAL ARTILLERY

Having seen the Regiment's display it may be that you would like to know more about a career as an officer or as a soldier in the Royal Artillery.

You can, of course, find out more from any member of the Royal Artillery present at Artillery Day or from the Recruiting Caravans in the Static Display Area. Their positions are shown on the plan on pages 18-19 of this programme.

Should you require further information please fill in the foot of this page, cut it out, fold it up as indicated and either hand it in at one of the Recruiting Caravans or drop it into one of the special post boxes on your way to the car parks.

I am interested in having further information about a career in the Royal Artillery as an officer/soldier*

**Delete as necessary*

Name _____

Address _____

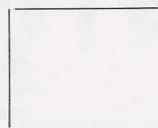
(BLOCK CAPITALS PLEASE)

2nd Fold

3rd Fold

Lt.-Col. R. Blowers RA
HQ Training Brigade RA
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Woolwich SE18

1st Fold



Tuck in

4th Fold

ACKNOWLEDGEMENTS

Grateful acknowledgement is extended to the following for their services :
St. John Ambulance Brigade, British Red Cross Society, Wiltshire
County Constabulary and the Automobile Association. Also to all those
who have helped to make Artillery Day such a success.



LOST CHILDREN

If you lose your children today please
go to the Lost Children Collection Point
where there is a Public Address System.

FIRST AID

There are two First Aid Tents
in the demonstration area. Their
positions are shown on the plan
on pages 18-19 of this pro-
gramme.



NOTICE

NO LIABILITY CAN BE ACCEPTED FOR ANY LOSS OR DAMAGE
TO PROPERTY, OR ANY INJURY TO ANY PERSON.

MAIN EVENTS

THE MAIN ARENA DISPLAY

STARTS AT 2.00 pm

See pages 16 and 17 for full details

THE ENCLOSURE ARENA DISPLAYS

START AT 11.00 am and 5.00 pm

See page 20 for full details