

HERITAGE NETWORK



HUNSDON AIRFIELD **Hunsdon, Herts.**

(HN598)

Archaeological Monitoring Report



THE HERITAGE NETWORK LTD

Registered with the Institute of Field Archaeologists as an Archaeological Organisation

Archaeological Director: David Hillelson, BA MIFA

HUNSDON AIRFIELD Hunsdon, Hertfordshire

HN598

Archaeological Monitoring Report

Prepared on behalf of Ropemaker Properties Ltd

by

Alison Hudson, BEd

Report no. 384

December 2006

© The Heritage Network Ltd

11 FURMSTON COURT, ICKNIELD WAY, LETCHWORTH SG6 1UJ
TEL: (01462) 685991 FAX: (01462) 685998

Contents

	Summary.....	Page i
Section 1	Introduction.....	Page 1
Section 2	Fieldwork	Page 2
Section 3	Discussion	Page 6
Section 4	Schedule of site visits	Page 7
Section 5	Sources consulted	Page 7
Section 6	Illustrations....	following page 8
Appendix 1	Black and White photographic log.....	Page 9
Appendix 2	Digital photographic log.....	Page 10

The cover photograph shows a view of the Stanton-type air raid shelter (Area 6), looking SE

Acknowledgements

The fieldwork for this project was carried out by David Kaye and Alison Hudson. The report text and illustrations were prepared by Alison Hudson, and the report was edited by David Hillelson.

The Heritage Network would like to express its thanks to Ropemaker Properties Ltd; David Holmes, Savills; MRS Environmental Services; and Debbie Priddy, Inspector of Ancient Monuments, English Heritage, for their co-operation and assistance in the execution of this project.

Summary

Site name and address:	Hunsdon Airfield, Hunsdon, Hertfordshire		
County:	Hertfordshire	District:	East Hertfordshire
Village/town:	Hunsdon	Parish:	Hunsdon / Eastwick
Planning reference:	n/a	NGR:	TL 42655 13915
Client name and address:	Ropemaker Properties Ltd c/o Savills 136 London Road Chelmsford Essex		
Nature of work:	Conservation & preservation	Former land use:	WWII airfield
Site Status:	SAM 32450	Reason for investigation:	Requirement of Scheduled Monument Consent
Position in planning process:	n/a	Project brief originator:	English Heritage
Size of affected area:	c.168Ha	Size of area investigated:	n/a
Site Code:	HN589	Other reference:	n/a
Organisation:	Heritage Network	Site Director:	David Hillelson
Project type, methods etc...	Monitoring	Archive Recipient:	Hertford Museum
Start of work	14/06/06	Finish of work	02/10/06
Related SMR Nos:	32450 areas 03,04,05,06 08,09,10,11,12,13,14	Periods represented:	Modern
Oasis UID:	heritage1 - 17109	Significant finds:	None
Monument types:	6 Hunsdon-type hexagonal pillboxes; 1 Cantilever pillbox; 1 Stanton-type air-raid shelter; 2 ammunition stores; 2 sleeping shelters; 1 type 22 hexagonal pillbox; battle headquarters; 2 slit trenches		
Physical archive:	None		
Previous summaries/reports:	n/a		

Synopsis:

In order to meet the requirements of the Scheduled Monument Consent (SMC) for remedial works at Hunsdon Airfield, Hunsdon, Hertfordshire, the Heritage Network was commissioned by the owners to monitor clearance works on a series of structures which form part of the WWII airfield defences.

The works were being carried out as a result of recent vandalism on the site and included the clearance of all debris from within the structures, the fitting of secure doors, shutters and fences (as appropriate), and the emptying of the slit trenches, and backfilling with clean material.

A total of nine site visits were made: two prior to the start of the clearance works in order to make a photographic record of the present condition of the structures, and seven to monitor and record the clearance works. The structures were cleaned by hand using shovels and brushes. The majority of the debris was left on site but some of the larger elements were removed by the clearance company.

The structures in ten defined areas were cleaned and found to contain mainly redeposited soil, modern building debris and items of modern rubbish. Some graffiti, contemporary with the structures' wartime role, was observed and recorded, and a fragment of newspaper from 1947 was collected.

The battle headquarters in Area 13 was found to be flooded and no clearance works were undertaken.

1. Introduction

1.1 This report has been prepared at the request of Messrs.Savills, acting on behalf of Ropemaker Properties Ltd, as part of a programme of archaeological monitoring and recording of clearance and remedial works to a series of structures which form part of the Hunsdon WWII airfield defences in Hunsdon, Hertfordshire.

1.2 The airfield defences form part of a Scheduled Ancient Monument (SAM 32450), and the archaeological work was a requirement of the Scheduled Monument Consent (SMC) for the project granted by the Department of Culture, Media and Sport (DCMS) (ref. HSD 9/2/7857) under the *Ancient Monuments and Archaeological Areas Act 1979 (as amended) Section 2*. The extent of the archaeological work has been defined in a *Design Brief* prepared by English Heritage's *Inspector of Ancient Monuments* for the region, acting as archaeological adviser to the DCMS (ref. DP n/d).

1.3 Hunsdon Airfield. is located to the south-east of the village of Hunsdon, centred on NGR TL 42655 13915 (Figure 1). Of the fourteen separate areas of protection which form the scheduled monument, eleven are covered by the present project. They include six Hunsdon-type pill-boxes (of a design unique to the site), a standard Type-22 pill-box, a cantilever pill-box, a Stanton-type air-raid shelter, two sleeping shelters, a battle headquarters building, and a number of associated ammunition stores and slit trenches (Figure 2).

1.4 The clearance and remedial works have been carried out as a result of recent vandalism on the site, in order to meet the owner's responsibility under Health and Safety legislation. They include the clearance of debris from within all the structures, the fitting of secure doors, shutters and fences (as appropriate), and the emptying, and backfilling with clean inert material, of all the slit trenches.

1.5 The aim of the present project has been to identify, recover and record any structural or personal artefacts associated with the use of the site as a wartime airfield in accordance with current regional research agenda (Brown and Glazebrook, 2000).

1.6 The present report describes the findings of the monitoring programme, and is intended, together with the deposition of the site archive with Hertford Museum, to complete the requirements of the Scheduled Monument Consent.

2. Fieldwork

TOPOGRAPHY AND GEOLOGY

2.1 The site lies on a plateau between the river Ash and the river Stort. The ground is at approximately 75mOD and slopes up gently to the north. The land is mostly given over to arable farming with two wooded areas, one to the north and one to the south of the site.

2.2 The drift geology consists of chalky till of the Hanslope Association (Soil Survey of England and Wales 1983) overlying London Clay.

METHODOLOGY

2.3 The timetable for the fieldwork followed the clearance company's schedule. Two site visits were made prior to clearance to photograph the structures. Seven site visits were made to monitor the clearance of the structures, and record any identified archaeological features and artefacts.

2.4 The clearance was undertaken by hand and spoil and debris from the clearance was inspected for archaeological artefacts.

2.5 The project was carried out in accordance with the approved *Project Design*, current health and safety legislation, and the appropriate IFA and ALGAO guidance documents.

MONITORING AND RECORDING

Clearance of structures

2.6 The Scheduled Monument consists of fourteen separate areas of protection, eleven of which lay inside the boundaries of the airfield and were covered by the present project (Figure 2). Areas 3, 4, and 14 contains a single Hunsdon-type hexagonal pill-box, Area 5 contains a cantilever pill-box, Area 6 contains a Stanton-type air-raid shelter, Areas 8, 9, and 10 contains a Hunsdon-type hexagonal pill box with associated ammunition store and slit trenches, Area 11 contains two sleeping shelters, Area 12 contains a Type-22 hexagonal pill-box, and Area 13 contains a battle headquarters building. Areas 1, 2, and 7 lay outside the present boundaries of the airfield and were not included in the project.

2.7 Areas 3 and 4 are located in the north eastern part of the site. Both contain a single hexagonal concrete and brick Hunsdon-type pill-box (Plate 1). The structures are entered via a low L-shaped tunnel with anti-ricochet brickwork (Plate 2). The single internal chamber has a maximum width of 4m, a central Y-shaped anti-ricochet partition, and a corrugated ceiling (Plate 3). The pillboxes contained dumped soil and modern building debris. No artefacts contemporary with the structures' wartime role were observed or recorded.

2.8 Area 5 is located in the northern part of the site, and contains a cantilever pill-box. The circular structure consists of a sunken brick-lined chamber with a diameter of 5.5m, approximately 1.5m below ground level, roofed with a concrete dish supported by a central pillar. There is a gap between the dish and the chamber wall that affords a 360° firing capability (Plate 4). The northern half of the concrete dish had collapsed into the chamber making access to the structure difficult. The metal gun mounting rail, running around top of

the chamber was still evident (Plate 5). The pill-box contained dumped soil and modern rubbish. Some miscellaneous iron objects, that appear to be agricultural in origin, were collected but not retained.

2.9 Area 6 is located to the west of Area 5, and contains a Stanton-type air-raid shelter. The shelter was constructed of prefabricated concrete panels bolted together with an escape hatch (now removed) in the eastern end (Plate 6). The shelter was approximately 9m in length and contained modern building debris and items of modern rubbish. Two metal objects, an iron bracket and a coach bolt, were retrieved from the structure but were not retained.

2.10 Area 8 is located in Black Hut Wood, at the north western end of the site. The area contains a Hunsdon-type pill-box of the type previously described, a semi-sunken brick and concrete ammunition store and two brick-lined slit trenches. The interior of the pill-box exhibited the remains of machine gun mounting pivots in some of the apertures (Plate 7), and 13 small corroded metal canisters (identified as CO₂ gas cylinders) and a length of iron pipe were observed but not collected. The two trenches were both approximately 21m long, one zigzag and the other straight. A two-metre section of the zigzag trench was cleaned, and found to consist of a concrete base sealed by a build up of soil approximately 0.15m in depth (Plate 8). No artefacts contemporary with the structure's wartime role were observed or recorded.

The ammunition store lies some 50m to the south east of the pillbox and trenches (Plate 9). It measures approximately 4 x 3m and has three small window openings in the northern elevation. An iron ladder leads to an escape hatch in the north western corner of the ceiling. The floor was under approximately 5cm of water (Plate 10). The store contained modern scaffolding and a considerable number of corroded metal canisters. No artefacts contemporary with the structure's wartime role were observed or recovered.

2.11 Area 9 is located at the eastern end of Black Hut Wood, and contained a Hunsdon-type pill-box of the type previously described and associated slit trenches (Plate 11). The pill-box contained six corroded metal canisters and a section of flanged lead pipe (not retained). A large iron bracket was observed but not collected. The trenches were completely infilled with dumped soil and were not cleared.

2.12 Area 10 is also located at the eastern end of Black Hut Wood, approximately 50m to the north east of Area 9. It contained an ammunition store. The brick and concrete structure is similar to the one in Area 8, with three small window openings and an escape hatch in the south western corner (Plate 12). It contained dumped soil, modern building debris and items of modern rubbish, and there was modern graffiti on the western wall. No artefacts contemporary with the structure's wartime role were observed or recovered.

2.13 Area 11 is located in the south eastern part of the site, within a small wood, and contains two brick-built, flat-roofed sleeping shelters (Plates 13 & 14). The interior of the shelters are divided into bays that could accommodate up to six bunks, and the steel brackets that supported the bunks were still apparent (Plate 15). The shelters had no windows and ventilation was provided by air bricks spaced at intervals along the walls and an air extraction system, the ducting for which was still visible running along the ceiling (Plate 16). Both buildings contained original cable ducting, some light fittings and the remains of an electrical junction box. The eastern building had a porch at each end, whilst the larger western building had a porch at the northern end only. A large amount of debris and modern rubbish was

discovered within the structures, including large metal sheets and containers, which were observed and recorded but not retained. A small glass screw-cap bottle, and some metal objects including an aluminium spray head, an oil can and a door handle were retrieved from the shelters but not retained. A newspaper fragment dated 16th November 1947 was collected from the eastern shelter.

2.14 Area 12 is located to the south of Area 11, and contains a brick and concrete Type 22 hexagonal pill-box (Plate 17). The pill-box is entered via a brick built tunnel (Plate 18). The single chamber has six gun apertures and a central Y-shaped anti-ricochet partition. It contained dumped soil, modern building debris and items of modern rubbish. No artefacts contemporary with the structure's wartime role were observed or recovered.

2.15 Area 13 is located in the southern part of the site, and contains the battle headquarters building and surrounding slit trenches. The concrete building was mostly underground, with an observation tower extending above ground, and was entered either by steep stairs at the eastern end or through a narrow rectangular opening adjacent to the observation tower (Plate 19). The subterranean areas of the building were flooded with water and were not examined or cleared due to health and safety considerations.

2.16 Area 14 is located in the western part of the site, and contains a further Hunsdon-type brick and concrete hexagonal pill-box. The remnants of machine gun mounting pivots were observed in two of the gun apertures. The interior Y-shaped anti-ricochet partition revealed the graffiti: 'NO SMOKING', 'RAF HUNSDON', and 'HOME SWEET HOME'. These are likely to be contemporary with the war time use of the building (Plates 20 - 22).

FINDS CONCORDANCE

Recovered finds

Building	Building type	Object	Size (mm)	Comments
SM 32450-05	Cantilever pill-box	Iron plate	L 150, W 55, D 8	Parallelogram with two drilled round holes for bolts
SM 32450-05	Cantilever pill-box	Iron strip	L 100, W 20	Part of a longer strip snapped at both ends
SM 32450-05	Cantilever pill-box	Iron ring	Centre diam 25 object diam 37, D 15	Inside surface threaded
SM 32450-05	Cantilever pill-box	Iron mount	L 80 max, 65, min W 70 max, 43 min	Wedge shaped with a drilled hole in each side and a rectangular opening in each end.
SM 32450-06	Stanton-type air-raid shelter	Iron Bracket	L 148 W 37 D 5	Rectangular, with drilled hole towards the top, bottom is split. Flanged cable tie
SM 32450-06	Stanton-type air-raid shelter	Coach bolt	L150, top diam 17 shaft diam 7	Hexagonal iron bolt with nut and two washers at bottom end
SM 32450-08	Hunsdon-type hexagonal pill-box	Metal gas cylinder	L 85, W 25 max	Modern gas cylinder possibly for paintball gun
SM 32450-08	Hunsdon-type hexagonal pill-box	Metal gas cylinder	L 75, W 25 max	Corroded part of modern gas cylinder possibly for paint ball gun
SM 32450-09	Hunsdon-type hexagonal pill-box	Metal pipe	L 225, W 25 max	Flanged iron pipe
SM 32450-11	Western sleeping shelter	Oil can	L 123, W 70, D 45	Tin contained Plus-Gas rust prevention formula.
SM 32450-11	Western sleeping shelter	Door handle	L 140, knob W 45 shaft W 5	Fe shaft with bakelite knob

Building	Building type	Object	Size (mm)	Comments
SM 32450-11	Western sleeping shelter	Metal spray head	L125, W 130 max	Screw-on adapter for cans or bottles with spray head mechanism. Possibly farm equipment
SM 32450-11	Eastern sleeping shelter	Glass bottle	L 65 diam 44max	Small screw top bottle. No external markings
SM 32450-11	Eastern sleeping shelter	Newspaper fragment	L 107, W 70 max	Fragment from News of the World Sunday 16 th November 1947

Non-recovered finds

Building	Building type	Object	Size (mm)	Comments
SM 32450-08	Ammunition store	Steel scaffold poles		Recently deposited
SM 32450-09	Hexagonal pill-box	Metal bracket	L 830, W 280 max	Rusted iron bracket
SM 32450-11	Eastern sleeping shelter	Metal sheet	L 850, W 400	Possibly part of paraffin heater, marked J Harper Heat
SM 32450-11	Eastern sleeping shelter	Riveted metal sheet	Base L 870, W 270, D 50, Side L 630, W 270	L shaped with attached wire lead, drilled holes and ridges possibly part of paraffin heater.
SM 32450-11	Eastern sleeping shelter	Arc shaped metal sheet	L 850, W 500	One of three rusted sheets possibly part of paraffin heater.
SM 32450-11	Eastern sleeping shelter	Three sectioned sheet	Main L820, W530 Side L 630, W 270	L shaped, rusted with attached wire lead, part of paraffin heater
SM 32450-11	Eastern sleeping shelter	Metal oil tank	L 450, W 300, D 60	Corroded, possibly tank for paraffin heater, marked J Harper Heat
SM 32450-11	Western sleeping shelter	Metal oil drum	L 430, Diam 280	Corroded, marked with Shell logo and Shell super T.O.U. (Tractor Oil Universal)
SM 32450-11	Western sleeping shelter	Metal sheet	L 850, W 540	Rusted, part of paraffin heater
SM 32450-11	Western sleeping shelter	Metal three sectioned sheet	Main L 820, W 530 End L 250, W 530	Rusted possibly part of paraffin heater

Discussion

2.17 Since the decommissioning of the site in July 1947, there has been an accumulation of debris in the structures, including dumped soil, modern building rubble, and items of modern rubbish. A number of metal and iron objects were recovered during the clearance, which are likely to be agricultural in origin and not contemporary with the structures' wartime role. A fragment of newspaper that has been dated to 10th November 1947, was recovered from the eastern sleeping shelter.

2.18 The eastern and western sleeping shelters included groups of metal sheets which are likely to have formed the casings for paraffin heaters used to heat the buildings. An oil tank and one of the sheets was labelled 'J Harper Heat', which is likely to refer to J Harper and Co Ltd of Willenhall, Staffs., a firm of iron founders which manufactured paraffin heaters during the first half of the 20th century.

2.19 More recent artefacts include a number of small corroded metal cylinders, discovered in the structures in Black Hut wood in the north of the site, which were initially identified as possible shell casings, but later confirmed to be CO₂ gas canisters probably associated with the site's recent use for paintballing activities.

Recommendations

2.20 Given the small size of the assemblage from the site, its fragmentary nature, and the fact that most of the material is of recent origin, no further work on it is proposed and the majority of the assemblage is proposed for discard.

3. Discussion

3.1 When it was opened in May 1941, Hunsdon airfield consisted of 448 separate huts and buildings, and was originally intended as a satellite landing field for nearby North Weald. It then became home to the 85 Nightfighter Squadron which flew black painted Hawker Hurricanes. The surviving airfield defences form part of a Scheduled Ancient Monument (SAM 32450). The clearance of debris from within the structures and the fitting of secure doors, shutters and fences, is intended to limit public access to the structures, protect them from further vandalism, and preserve them in their present condition.

3.2 The clearance of the debris from within the structures revealed one area of graffiti, in the pill-box in Area 14, and the remains of fixtures and fittings such as machine gun mountings, gun rails, and paraffin heaters, which are contemporary with the site's operational use between 1941 and 1947. No unusual or unexpected artefacts contemporary with the structures' wartime role were noted, although a fragment of the News of the World, dated Sunday 16 November 1947, was recovered in a readable condition.

Conclusion

3.3 The clearance of the structures revealed mainly dumped soil, modern building debris and items of modern rubbish. A few artefacts, contemporary with the operational use of the structures, were observed and collected.

3.4 Subsequently, there was an accumulation of various objects and debris suggesting that the structures were used as a dumping ground for waste material and old farm equipment.

3.5 Most recently the site has been used as a base for paint ball activities and debris associated with this was found in a number of buildings on the northern side of the site.

Confidence Rating

3.6 In the course of the fieldwork, conditions were generally acceptable for the identification of features and larger artefacts, and for their recording. There are no circumstances which would lead to a confidence rating for the work which was less than High.

4. Schedule of site visits

Date	Staff	Hours	Comments
14.06.06	DGK	8	Photograph Areas 3 -11
15.06.06	DGK	4	Photograph Areas 12 - 14
18.07.06	AJH	6	Examine site, clearance of structures in Areas 04, 14
19.07.06	AJH	8	Clearance of structures in Areas 05, 06, 12
31.07.06	AJH	7	Clearance of structure in Area 11
01.08.06	AJH	7	Clearance of structures in Areas 08, 09, 10
01.08.06	DJH	3	Site meeting with police and Royal Logistics Corps
02.08.06	AJH	6	Clearance of structures in Areas 03, 08
03.10.06	AJH	3	Check final clearance of structures in Area 11

5. Sources consulted

Brown, I. et al, 1996 *20th Century Defences in Britain: An Introductory Guide* Council for British Archaeology

Brown, N. & Glazebrook, J. 2000, *Research and Archaeology: a framework for the eastern counties, 2. Research agenda and strategy*. East Anglian Archaeology

DCMS, 2002, *Schedule of Monuments, ref. 32450*. Department of Culture, Media and Sport.

English Heritage, 1991, *Management of Archaeological Projects*

Evans, J., 2002, *J Harper and Co Ltd, Iron Founders in A Gazetteer of Lock and Key Makers*. www.localhistory.scit.wlv.ac.uk

Gurney, D. et al, 2003, *Standards for Field Archaeology in the East of England*. ALGAO (EER)

Hillelson, D, 2006, *Hunsdon Airfield, Hunsdon, Herts*. Project Design: Archaeological Monitoring. Heritage Network.

Priddy, D. 2006, *Archaeological Brief*. English Heritage

Sharp, D. 2006, *RAF Hunsdon*. <http://merlinsroared.tripod.com>

Smith, G., 1999, *Hertfordshire and Bedfordshire Airfields in the Second World War*. Countryside Books

SSEW,1983, *Soil map sheet 4: Eastern England*. Soil Survey for England and Wales

6. Illustrations

Figure 1	Site location
Figure 2	Site layout
Plate 1	Area 4 Hunsdon-type pill-box, looking north
Plate 2	Area 4: Hunsdon-type pill-box, L shaped entrance & anti-ricochet wall
Plate 3	Area 3: Hunsdon-type pill-box, anti-ricochet partition & corrugated ceiling
Plate 4	Area 5: cantilever pill-box looking north-west
Plate 5	Area 5: cantilever pill-box interior showing metal rail
Plate 6	Area 6: Stanton air-raid shelter
Plate 7	Area 8: Hunsdon-type pill-box, machine gun mounting pivot
Plate 8	Area 8: cleaned section of slit-trench looking south
Plate 9	Area 8: ammunition store looking north
Plate 10	Area 8: ammunition store, northern elevation showing window openings
Plate 11	Area 9: Hunsdon-type pill-box looking north
Plate 12	Area 10: ammunition store, escape ladder and hatch
Plate 13	Area 11: eastern sleeping shelter looking north
Plate 14	Area 11: western sleeping shelter looking north
Plate 15	Area 11: eastern sleeping shelter, sleeping bays
Plate 16	Area 11: eastern sleeping shelter, ventilation duct and electrical trunking
Plate 17	Area 12: Type-22 pill-box looking west
Plate 18	Area 12: Type-22 pill-box, entrance
Plate 19	Area 13: battle headquarters looking south-east
Plate 20	Area 14: Hunsdon-type pill-box, graffiti
Plate 21	Area 14: Hunsdon-type pill-box, graffiti
Plate 22	Area 14: Hunsdon-type pill-box, graffiti

Appendix 1

Black & White Photographic Log

Film No.	Frame No.	Area	Description	Facing	
283	14	SM 32450-03	Hunsdon-type hexagonal pill-box	N	
	15	SM 32450-03	Hunsdon-type hexagonal pill-box	N	
	16	SM 32450-03	Hunsdon-type hexagonal pill-box	E	
	17	SM 32450-03	Hunsdon-type hexagonal pill-box	E	
	18	SM 32450-04	Hunsdon-type hexagonal pill-box	W	
	19	SM 32450-04	Hunsdon-type hexagonal pill-box	W	
	20	SM 32450-05	Cantilever pill-box	W	
	21	SM 32450-05	Cantilever pill-box	W	
	22	SM 32450-06	Air-raid shelter	NE	
	23	SM 32450-06	Air-raid shelter	NE	
	24	SM 32450-06	Air-raid shelter	SE	
	25	SM 32450-06	Air-raid shelter	SE	
	26	SM 32450-08	Hunsdon-type hexagonal pill-box	SW	
	27	SM 32450-08	Hunsdon-type hexagonal pill-box	SW	
	28	SM 32450-08	Slit trench	SW	
	29	SM 32450-08	Slit trench	SW	
	30	SM 32450-08	Slit trench	SW	
	31	SM 32450-08	Slit trench	E	
	32	SM 32450-08	Slit trench	E	
	33	SM 32450-08	Zig-zag trench	NE	
	34	SM 32450-08	Zig-zag trench	NE	
	35	SM 32450-08	Ammunition store	NE	
	36	SM 32450-08	Ammunition store	NE	
	37	SM 32450-09	Hunsdon-type hexagonal pill-box	N	
	291	2	SM 32450-09	Hunsdon-type hexagonal pill-box	N
		3	SM 32450-09	Hunsdon-type hexagonal pill-box	SW
		4	SM 32450-09	Hunsdon-type hexagonal pill-box	SW
		5	SM 32450-10	Ammunition store	NE
		6	SM 32450-10	Ammunition store	NE
		7	SM 32450-10	Ammunition store	SW
		8	SM 32450-10	Ammunition store	SW
		9	SM 32450-11	Sleeping shelter	N
		10	SM 32450-11	Sleeping shelter	N
		11	SM 32450-11	Sleeping shelter	W
		12	SM 32450-11	Sleeping shelter	W
		13	SM 32450-11	Sleeping shelter	N
		14	SM 32450-11	Sleeping shelter	N
15		SM 32450-11	Sleeping shelter	SE	
16		SM 32450-11	Sleeping shelter	SE	
17		SM 32450-12	Type-22 hexagonal pill-box	W	
18		SM 32450-12	Type-22 hexagonal pill-box	W	
19	SM 32450-13	Battle headquarters	NW		
20	SM 32450-13	Battle headquarters	NW		
21	SM 32450-13	Battle headquarters	SE		
22	SM 32450-13	Battle headquarters	SE		
23	SM 32450-14	Hunsdon-type hexagonal pill-box	SE		
24	SM 32450-14	Hunsdon-type hexagonal pill-box	SE		

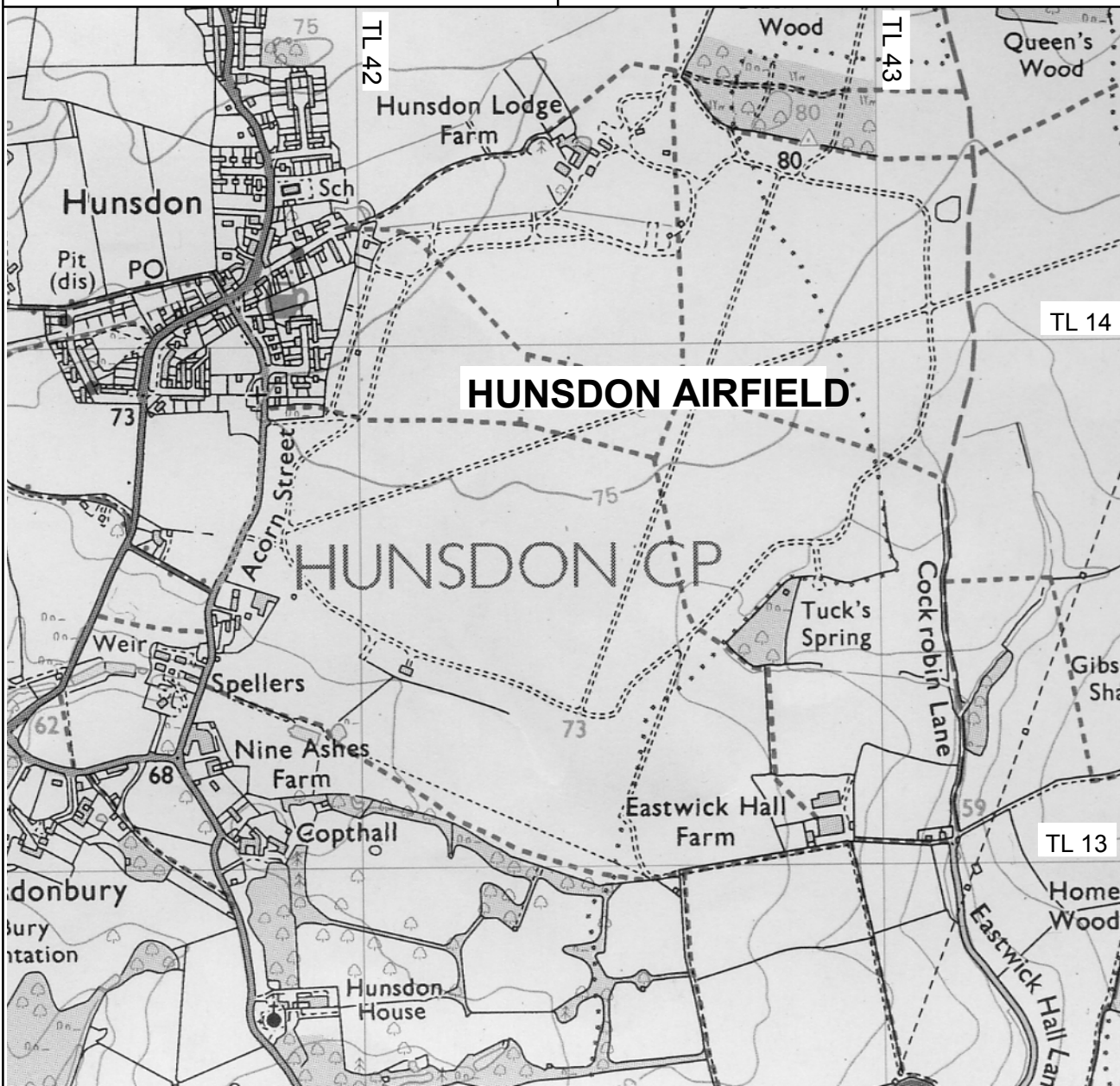
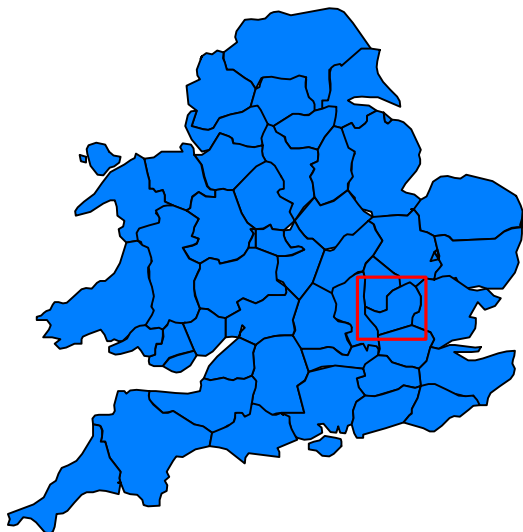
Appendix 2

Digital Photographic Log

Frame No.	Area	Description	Facing
D01	SM 32450-03 Hexagonal pill-box	Exterior	NW
D02		Exterior	SE
D03		Entrance way	
D04		Interior entrance way anti ricochet wall	
D05		Interior entrance way	
D06		Interior gun aperture detail	
D07		Interior gun aperture detail	
D08		Interior general shot	
D09	SM 32450-04 Hexagonal pill-box	Exterior	N
D10		Entranceway	
D11		Interior entrance way anti ricochet wall	
D12		Interior corrugated ceiling detail	
D13	SM 32450-05 Cantilever pill-box	Entrance way	
D14		Exterior	NW
D15		Entrance way detail	
D16		360° firing aperture detail	SE
D17	SM 32450-06 Air-raid shelter	Interior pre-clearance	E
D18		Exterior	NE
D19		Exterior	SE
D20		Interior post clearance	E
D21	SM 32450-08 Ammunition store	Exterior	N
D22		Exterior	W
D23		Exterior entrance way	
D24		Interior north east elevation	NE
D25		Interior north west elevation	NW
D26		Interior metal ladder leading to escape hatch	
D27		Interior north elevation	N
D28	SM 32450-08 Hexagonal pill-box	Exterior	E
D29		Entrance way	
D30		Interior entrance way anti ricochet wall	
D31		Interior gun aperture	
D32		Interior gun aperture detail	
D33		Interior central Y shaped wall	
D34		Interior corrugated ceiling detail	
D35		Interior metal casing for gun aperture	
D36		Gas cylinders	
D37	SM 32450-08 Slit-trench	Pre-clearance	SE
D38		Pre-clearance	NE
D39		Pre-clearance detail	
D40		Cleared area detail	E
D41		Cleared area detail	S
D42	SM 32450-09 Hexagonal pill-box	Exterior	N
D43		Exterior	SW
D44		Interior central Y shaped wall	
D45		Interior entrance way	
D46		Interior gun aperture detail	
D47		metal door bracket	
D48	SM 32450-09 Slit-trench	Filled in slit-trench 1	

Frame No.	Area	Description	Facing
D49		Filled in slit-trench 2	

Frame No.	Area	Description	Facing
D50	SM 32450-10 Ammunition store	Exterior entrance way	W
D51		Interior metal ladder and escape hatch	
D52		Interior North elevation	N
D53	SM 32450-11 Sleeping shelters	Exterior	E
D54		Exterior	N
D55		Exterior	W
D56		Exterior	N
D57		Exterior	E
D58		Exterior	W
D59		Interior western shelter south entrance	W
D60		Interior western shelter south entrance electricity junction box detail	
D61		Interior western shelter NW elevation	NW
D62		Interior western shelter NE elevation	NE
D63		Interior western shelter SW elevation	SW
D64		Interior western shelter SE elevation	SE
D65		Interior western shelter wall bracket detail	
D66		Interior eastern shelter sleeping bays	
D67		Interior eastern shelter sleeping bay	
D68		Interior eastern shelter sleeping bay wall bracket	
D69		Interior eastern shelter air duct and electricity conduit	N
D70		Interior eastern shelter air duct and ceiling light detail	
D71		Interior eastern shelter ceiling light detail	
D72		Arc shaped metal sheet	
D73	Rusted metal sheet in three sections		
D74	L shaped metal sheet		
D75	Oil can detail		
D76	Three section metal sheet		
D77	SM 32450-12 Hexagonal pill-box	Exterior entrance way	
D78		Internal general shot	
D79	SM 32450-14 Hexagonal pill-box	Central Y shaped wall graffiti detail	NW
D80		Central Y shaped wall graffiti detail	NE
D81		Central Y shaped wall graffiti detail	SE
D82		Central Y shaped wall graffiti detail	SW



Site Location

Scale 1:12500

Reproduced from the Ordnance Survey with the permission of the controller of Her Majesty's Stationery Office, Licence no.AL10001486

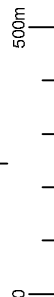
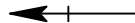
Figure 1



Hunsdon Airfield
HN 598

Site Layout

- Area 3: Hunsdon-type hexagonal pillbox
- Area 4: Hunsdon-type hexagonal pillbox
- Area 5: Cantilever pillbox
- Area 6: Stanton-type air-raid shelter
- Area 8: Hunsdon-type hexagonal pillbox + ammunition store
- Area 9: Hunsdon-type hexagonal pillbox + ammunition store
- Area 10: Hunsdon-type hexagonal pillbox + ammunition store
- Area 11: Sleeping shelter
- Area 12: Type 22 hexagonal pillbox
- Area 13: Battle headquarters
- Area 14: Hunsdon-type hexagonal pillbox



Reproduced from the Ordnance Survey
with the permission of
the controller of Her Majesty's Stationery Office
Licence no. AL100014681

Scale 1:10,000

Figure 2

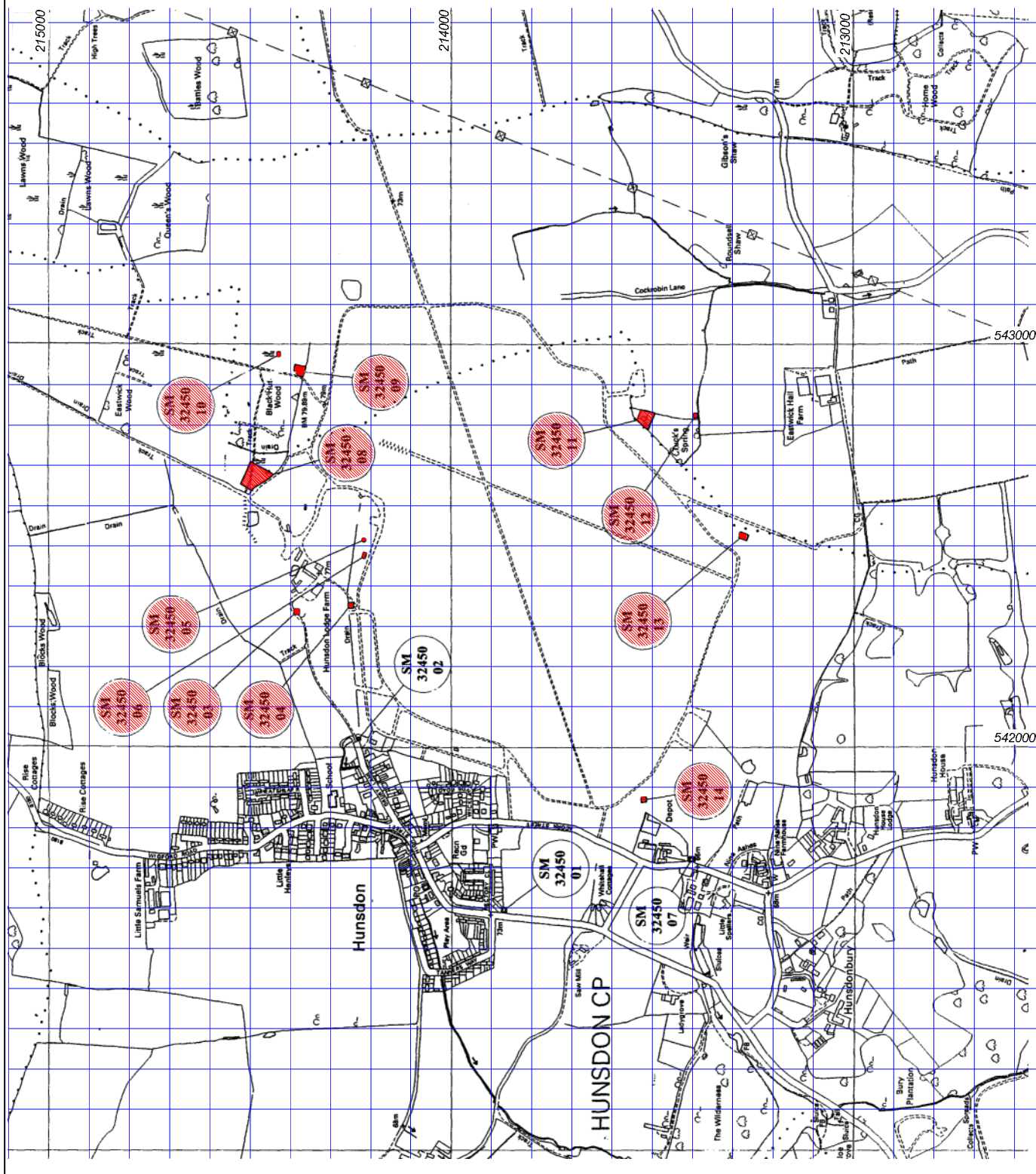




Plate 1: Area 4, Hunsdon-type hexagonal pill-box, looking north



Plate 2: Area 3, Hunsdon-type hexagonal pill-box, entrance way and anti-ricochet wall



Plate 3: Area 3, Hunsdon-type hexagonal pill-box,
Y shaped anti-ricochet partition and corrugated ceiling



Plate 4: Area 5, cantilever pill-box, looking north-west



Plate 5: Area 5, cantilever pill-box interior showing metal rail



Plate 6: Area 6, Stanton air-raid shelter showing bolted panels and remains of removed escape hatch



Plate 7: Area 8, Hunsdon-type pill-box interior showing remains of machine gun mounting pivot at top of aperture.



Plate 8: Area 8, cleaned section of slit-trench looking south



Plate 9: Area 8, ammunition store looking north



Plate 10: Area 8, ammunition store, northern interior elevation showing window openings



Plate 11: Area 9, Hunsdon-type pill-box, looking north



Plate 12: Area 10, ammunition store, escape ladder and hatch



Plate 13: Area 11, eastern sleeping shelter, looking north



Plate 14: Area 11, western sleeping shelter, looking north



Plate 15: Area 11, eastern sleeping shelter, sleeping bays



Plate 16: Area 11, eastern sleeping shelter, detail of air duct and electrical trunking



Plate 17: Area 12, Type-22 pill-box, looking west



Plate 18: Area 12, Type-22 pill-box entrance



Plate 19: Area 13, battle headquarters, looking south-east



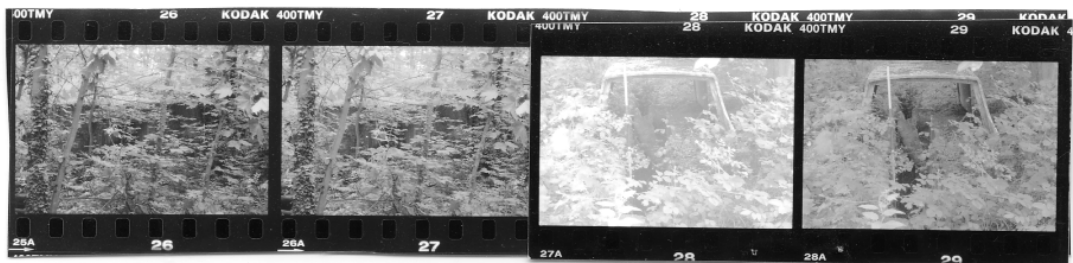
Plate 20: Area 14, Hunsdon-type pill-box, graffiti on anti-ricochet wall

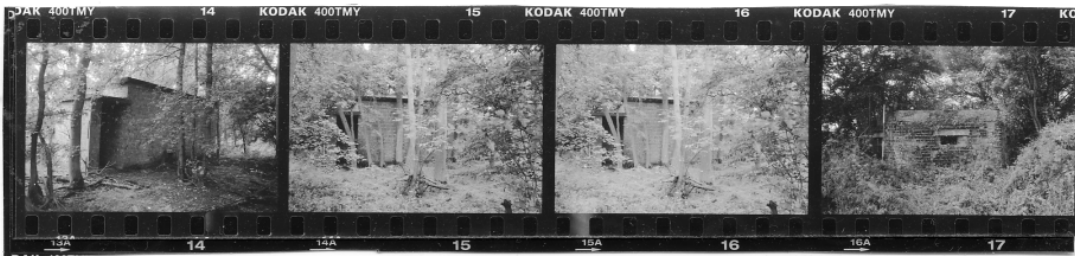
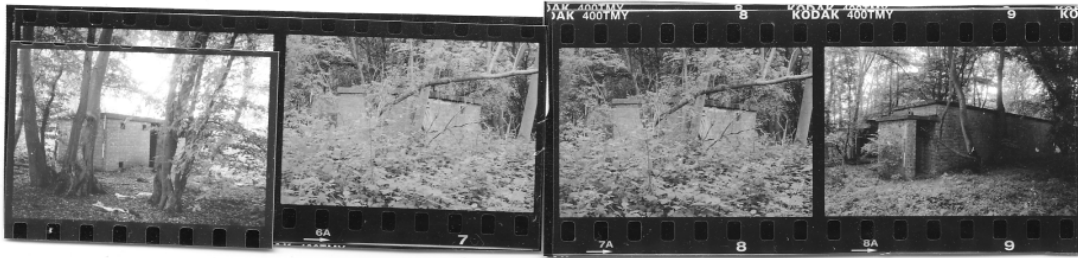


Plate 21: Area 14, Hunsdon-type pill-box, graffiti on anti-ricochet wall



Plate 22: Area 14, Hunsdon-type pill-box, graffiti on anti-ricochet wall







HN598_D01.jpg



HN598_D02.jpg



HN598_D03.jpg



HN598_D04.jpg



HN598_D05.jpg



HN598_D06.jpg



HN598_D07.jpg



HN598_D08.jpg



HN598_D09.jpg



HN598_D10.jpg



HN598_D11.jpg



HN598_D12.jpg



HN598_D13.jpg



HN598_D14.jpg



HN598_D15.jpg



HN598_D16.jpg



HN598_D17.jpg



HN598_D18.jpg



HN598_D19.jpg



HN598_D20.jpg



HN598_D21.jpg



HN598_D22.jpg



HN598_D23.jpg



HN598_D24.jpg



HN598_D25.jpg



HN598_D26.jpg



HN598_D27.jpg



HN598_D28.jpg



HN598_D29.jpg



HN598_D30.jpg



HN598_D31.jpg



HN598_D32.jpg



HN598_D33.jpg



HN598_D34.jpg



HN598_D35.jpg



HN598_D36.jpg



HN598_D37.jpg



HN598_D38.jpg



HN598_D39.jpg



HN598_D40.jpg



HN598_D41.jpg



HN598_D42.jpg



HN598_D43.jpg



HN598_D44.jpg



HN598_D45.jpg



HN598_D46.jpg



HN598_D47.jpg



HN598_D48.jpg



HN598_D49.jpg



HN598_D50.jpg



HN598_D51.jpg



HN598_D52.jpg



HN598_D53.jpg



HN598_D54.jpg



HN598_D55.jpg



HN598_D56.jpg



HN598_D57.jpg



HN598_D58.jpg



HN598_D59.jpg



HN598_D60.jpg



HN598_D61.jpg



HN598_D62.jpg



HN598_D63.jpg



HN598_D64.jpg



HN598_D65.jpg



HN598_D66.jpg



HN598_D67.jpg



HN598_D68.jpg



HN598_D69.jpg



HN598_D70.jpg



HN598_D71.jpg



HN598_D72.jpg



HN598_D73.jpg



HN598_D74.jpg



HN598_D75.jpg



HN598_D76.jpg



HN598_D77.jpg



HN598_D78.jpg



HN598_D79.jpg



HN598_D80.jpg



HN598_D81.jpg



HN598_D82.jpg