

LARS

Lower Airspace Radar Service

What it means to you

WHAT IS THE NEW LARS?

London Area LARS is a radar-based air traffic information and alerting service for pilots of GA aircraft flying in the busy airspace below or around the London TMA. It will be run from Farnborough, building on the local LARS service already provided from there by NATS and TAG Farnborough.

WHY SHOULD I USE IT?

The London area airspace is amongst the busiest and most complex in the world – and flying through it is challenging. Even experienced pilots get it wrong sometimes and get too close to other aircraft or infringe controlled airspace. London LARS will give you much better awareness of other traffic in your vicinity, so that will help your safety and safety of others. Should you get into any difficulties we will have your details and can respond very quickly. LARS can also help you to avoid infringing controlled airspace.

WHEN CAN I USE IT?

The new service is being introduced in stages:

- ▶ **11-23 September:** the sector covering most of Kent, Surrey and Sussex, including the airspace around Gatwick, London City and Biggin Hill, will be open on **123.225MHz** from 10.00-16.00 local time. **It is vital that you use the service during this period.**
- ▶ **24 September:** the full operational hours (08.00-20.00 local time) everyday, will be introduced.
- ▶ **Early 2008:** the area over Essex, Hertfordshire and Bedfordshire including Luton and Stansted areas.

HOW MUCH WILL IT COST ME?

Nothing! There will be no charge for the service.

HOW DOES IT WORK?

The current LARS service will continue to operate on frequency **125.25 MHz**. From 24 September the new service will operate on frequency **123.225 MHz**. The frequency for the northern area will be published early next year.

- ▶ Just call "Farnborough Radar" on the above frequencies. If you have a transponder, please turn it on and select Mode C. That means we have your position and height information. Even if you don't have a transponder, please call us and listen out on the frequency, to alert other pilots of your presence.

WHAT SERVICE WILL I GET?

London LARS will provide a Radar Advisory Service, Radar Information Service or Flight Information Service. The exact level of service will depend on controller workload and weather conditions. You should be told which service you are receiving soon after you pass your details to the controller. If in doubt, please ask.

- ▶ For a full description of the new service please see the UK AIP ENR 1-6-3-1, at www.ais.org.uk

WHY ARE WE DOING THIS?

It's a win-win for all of us! We can help you to have a safe flight through some of the UK's busiest skies, whilst at the same time, avoid infringing controlled airspace used by the many commercial flights descending into, or climbing out of, the London area airports. You do still remain responsible for terrain clearance and separation from other traffic. The existing Farnborough LARS has prevented up to five airspace infringements in a single day and the new service will extend that important safety benefit over the wider London region.

FARNBOROUGH LARS: SECTORS 1 AND 2 CO-ORDINATES 29.08.07

8	DET	N5118.14	E00035.50
9	Spilsted Farm Strip	N5056.13	E00031.10
10	Beachy Head	N5043.54	E00014.55
11	Selsey Bill	N5043.13	W00047.27
12	S. Arc/Tangent Intersect	N5050.12	W00108.25
13	Arc 30nm radius from EGLF	N5116.33	W00046.35

(Farnborough ARP)

A	Intersect of line extended from NW corner of EGLL CTR to M40	J8A Services (N5144.23 W00106.18)	N5144.14	W00105.50
B	NW corner of EGLL CTR		N5136.11	W00041.33
C	Intersect of line produced by extending N boundary of EGLL CTR to the E.		N5136.02	E00022.41
D	Intersect of a line from OCK VOR/DME, extending N, to the S boundary of EGLL CTR.		N5120.14	W00025.50
E	OCK VOR/DME		N5118.18	W00026.50
F	Billingshurst VRP		N5100.54	W00027.00
G	Littlehampton VRP		N5048.46	W00032.47
H	Intersect of a line extending S from Littlehampton VRP.		N5043.25	W00032.47

