



**To** CDS Subcommittee **Date** April 11, 2019

**From** Larry A. Hesterberg **Reference** 19-999/SMA-128 lth  
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tel: +1-240-334-2586

**Subject** **Meeting Announcement**  
**Cockpit Display Systems (CDS) Subcommittee**

**Co-Chairmen** Brian Gilbert, Boeing  
Sofyan Su, Airbus

**When** June 10-14, 2019 from 0900 to 1700

**Host** GE Aviation Systems is hosting the CDS Subcommittee meeting. They have made arrangements for the meeting space.

**Where** Meeting Location  
**GE Aviation Systems**  
Bishops Cleeve  
Cheltenham GL52 8SF  
United Kingdom  
*<https://www.geaviation.com/commercial/commercial-digital-systems>*

Point of contact:  
**Alex Lo**  
Tel: +44 (0)1242 66 1779 (Office)  
Email: *[Alex.Lo@ge.com](mailto:Alex.Lo@ge.com)*

Meeting attendees must RSVP to Alex Lo at the above email address before **June 3, 2019**, with a completed ePASS Information Gathering Form and, for European Union citizens, a Visitor Consent Form, for security and meeting logistics purposes. Both forms are included with this invitation as Attachments 1 and 2.

A map to GE Aviation Systems is in Attachment 3.

**Arrival Information**  
Please meet at visitor reception at 8:30AM. Attendees will need to present a valid photo ID (i.e., passport).

Visitor reception is only assessible via the main gate (south entrance as indicated by the marker on the Google Drive link in **Travel Information** below). If

driving, upon approach to the barrier at the main gate, please keep to the **left** lane and notify the security personnel that you are visiting. The reception building is on the left once you go through the main gate where there is visitor parking.

#### **Hotel**

There are several chain and independent hotels in the Cheltenham area, anywhere from 2 to 5 miles (3 to 8 km) from the meeting site. See Attachment 4 for hotel suggestions.

#### **Instruction**

Please notify ARINC Industry Activities of your intention to attend by registering online at: <http://www.aviation-ia.com/events/>

The meeting is open to all interested parties. Individuals requesting time on the agenda should contact Larry A. Hesterberg ([larry.hesterberg@sae-itc.org](mailto:larry.hesterberg@sae-itc.org)). Any material intended to be circulated prior to the meeting should be submitted before **May 27, 2019**. The agenda will be finalized one week prior to the meeting.

#### **Meeting Objectives**

The CDS Subcommittee will meet June 10-14, 2019 in Cheltenham, UK. The purpose of the meeting is to update ARINC Specification 661, Cockpit Display of User Systems per APIM 08-004C.

The meeting will cover content and actions concerning the following:

The CDS Subcommittee will review Draft 1 of **Supplement 8 to ARINC Specification 661: Cockpit Display System Interfaces to User Systems, Part 1, Avionics Interfaces, Basic Symbolology, and Behavior**.

Supplement 8 will add new material as follows:

- Widget Structure Meta Definition
- Updates to PictureBox for picture atlasing
- Super Layer clarifications and new material
- Multiple Value Animations
- Column widget
- Scroll Extension
- Other Miscellaneous items

The goal is to reach consensus on the content of material that will appear in Supplement 8.

**ARINC Project Paper 661: Cockpit Display System Interfaces to User Systems, Part 2, User Interface Markup Language (UIML) for Graphical User Interfaces.** The UIML will allow developers to specify the interface, look, and behavior of any the ARINC 661 building blocks.

ARINC Project Paper 661 Part 2 will include:

- Primitive for Hardware Specific device
- Creation of a glossary
- Meta data definition and Dynamic XSD toolkit
- Execution model

- Scripting
- Image resource
- Other Miscellaneous items

## **Travel Information**

The GE Aviation Systems facility is located in the northern end of the city of Cheltenham. Its location is marked on the map of Attachment 3.

The following Google Drive web address is a map of the Cheltenham area with hotels, local bus stops, and the GE Aviation Systems facility marked on it:

<https://drive.google.com/open?id=1Z6SgX82jm8vItpVNE7mgV0O2CVXavPii&usp=sharing>

### **Airports**

The nearest airports to Cheltenham are:

- Birmingham International Airport (51 mi/82 km)
- Bristol Airport (52 mi/84 km)
- Cardiff International Airport (81 mi/130 km)

Additionally, London Heathrow International Airport is 84mi/135km from Cheltenham and London Gatwick International Airport is 123mi/198km from Cheltenham.

Major car rental companies are available at all airports.

### **Public/Private Transit around Cheltenham**

If staying near Cheltenham town centre, the bus service is a convenient way of getting to the Bishops Cleeve campus. Travel time is approximately 10 to 15 minutes.

Bus routes D and E, operated by StageCoach, go from Cheltenham town centre to Bishops Cleeve. See web sites below for bus stops and times:

- <https://bustimes.org/services/d-hatherley-up-hatherley-lansdown-cheltenham-bisho>
- <https://bustimes.org/services/e-hatherley-up-hatherley-lansdown-cheltenham-bisho>

Taxi Services:

- Starline Taxis – <http://www.starlinetaxis.com/>
- Spa-Tax – <http://www.spa-tax.com/>
- Dial-a-cab – <https://www.taxicheltenham.co.uk/>
- Andycars – <https://www.andycarstaxis.co.uk/>

### **Visa Information**

Visas are required for citizens of certain countries to enter the UK. All attendees are strongly encouraged to check the UK visa policy for their country of citizenship and, if necessary, acquire a UK visa.

cc

SAI

# Attachment 1

**GE Aviation:  
Short Term Visitor - Privacy Notification and Consent**

To enable your visit to a facility owned or operated by GE Aviation, 1 Neumann Way Cincinnati, OH 45215, United States, a division of the General Electric Company, or one of its subsidiaries or affiliates (collectively "GE Aviation"), it is necessary for GE Aviation to collect and process personal information about you. This notice provides you with information about what data we require, how that data will be used and protected, and how long the data will be kept by GE Aviation.

**Personal Information**

The following personal data is required from you in order to establish the physical access credentials needed for your visit:

- (i) data about you, including your name, nickname, office address, office telephone, business mobile telephone, , country of citizenship and residency (necessary for access controls on export-controlled information);
- (ii) data about your employer, such as its name, address, telephone number, and a representative's name along with a telephone number and email address;
- (iii) the location of your visit and the length of your visit.

**Use of Personal Data.**

The above data is necessary in order for GE Aviation to comply with security and regulatory requirements including compliance with FAA and export/trade control requirements. This data is used for the following purposes:

- (a) security - activities to ensure the safety of workers, resources and communities, such as authenticating status to authorize access to GE Companies' resources and facilities including watchlist screening, identifying whether your employer is a competitor of GE, and whether it is organized to do business in the United States; and
- (b) business process execution and management (e.g activities to run the operations of the GE Companies, managing company assets, maintaining visitor records, data backup etc.)

GE Aviation will be the data controller for this processing. Your data will be accessible by your sponsor and GE Aviation Security Personnel but may also be accessible on an incidental basis by GE IT Systems Administrators. GE Aviation will maintain administrative, technical and physical safeguards to protect against unauthorized disclosure, use, alteration or destruction of the personal information you provide. Your personal data will be deleted within 2 years from your last visit to a GE Aviation facility.

**Information We Share**

As part of a global business, GE Aviation processes personal data on a centralized basis located in the US which may include sharing data with other GE Companies for administrative and business organisation purposes, for example server backup and systems administration. Any sharing of data within GE Companies is carried out in accordance with GE's Binding Corporate Rules (which you can

access on GE Websites) and with GE's internal policies to ensure that your data is properly safeguarded and only used for legitimate purposes in line with this notice.

We may share the above data with service providers we have retained to perform services on our behalf, for example IT system providers. These service providers are contractually restricted from using or disclosing the information other than for the above described purposes and only as necessary to perform services on our behalf or to comply with legal requirements and are required to put in place appropriate security measures to ensure an adequate level of protection under your local data protection legislation.

We may also be required to disclose certain of your personal data: (1) as a matter of law; (2) to protect GE Companies' legal rights (e.g., to defend a litigation suit); or (3) in an emergency where the health or security is endangered (e.g., a fire).

**Data Transfer Across National Boundaries**

We may transfer the personal information we collect on this site to other countries where we do business, but we will do so only for the purposes described above. When we transfer your information to other countries, we protect that information in compliance with GE's BCR as described here unless otherwise required by applicable laws.

**Data Maintenance and Inquiries**

You are permitted to inquire as to the nature of the personal data about you that is stored or processed about you by the GE Companies. To do so, you should contact the individual who sponsored your visit. In the event that any such data is inaccurate or out of date, you are entitled to request that the data be amended or deleted.

**Contact Us**

If you have any queries or concerns regarding this notice, please either contact your GE Aviation sponsor or GE Aviation's Privacy Administrator by email to [privacy.administrator@ge.com](mailto:privacy.administrator@ge.com)

**CONSENT**

I confirm that I have read and fully understand the provisions detailed above concerning the purposes for which personal data is required from me and the way in which GE Aviation process such data, and I consent to such processing.

Signed: \_\_\_\_\_

Date: \_\_\_\_\_

Printed Name: \_\_\_\_\_

**PLEASE RETURN THE COMPLETED FORM TO YOUR GE SPONSOR**

# Attachment 2

**\*THIS FORM IS TO BE USED IN CONJUNCTION WITH THE RELEVANT EU CONSENT FORM WHERE REQUIRED\***

Please complete the following form to allow your sponsor to request a GE badge via ePASS. This information will be governed by the same privacy actions as included on the visitor consent forms. Please call your sponsor if you have comments, questions or concerns. Asterisked \* items are required. Please print or type the information.

**General Information**

If you have previously been badged at the location you are currently requesting access to, when was the approximate month and year of your last visit? \_\_\_\_\_

**European Union Privacy Check**

\*Are you physically located in a European Union Country? Circle one: YES NO

Please note if you answer "YES", you will also need to provide your sponsor with a signed Visitor Consent Agreement.

Member states of the European Union include the following: Austria, Belgium, Cyprus, Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Poland, Portugal, Slovakia, Slovenia, Spain, Sweden, The Netherlands, United Kingdom.

In addition, the countries of Bulgaria, Croatia, Romania, Turkey, Norway, Russia, Switzerland, while not members of the EU, may have data protection laws in place that require consent be obtained for processing of personal data. Privacy laws in the EU require that individuals give consent prior to the processing of their individual personal data.

**Person Information**

\*Last Name \_\_\_\_\_

\*Legal First Name \_\_\_\_\_

\*Middle Name (if no middle name, please indicate NMN) \_\_\_\_\_

Known as \_\_\_\_\_

E-mail \_\_\_\_\_

\*Consent Agreement signed and submitted to sponsor?: Circle one: YES NO

**Location Information**

\*Work location (City, State, Country) \_\_\_\_\_

Work Phone \_\_\_\_\_

Dial Comn \_\_\_\_\_

Building \_\_\_\_\_

Floor \_\_\_\_\_

Column \_\_\_\_\_

Mail Drop \_\_\_\_\_

**Residency Information**

\*Nationality (Country of Citizenship) \_\_\_\_\_

\*Are you a Permanent US Resident?: Circle one: YES NO

\*If you are a Greencard holder, what was the issue date? \_\_\_\_\_

\*If you are a Greencard holder, what is the expiration date? \_\_\_\_\_



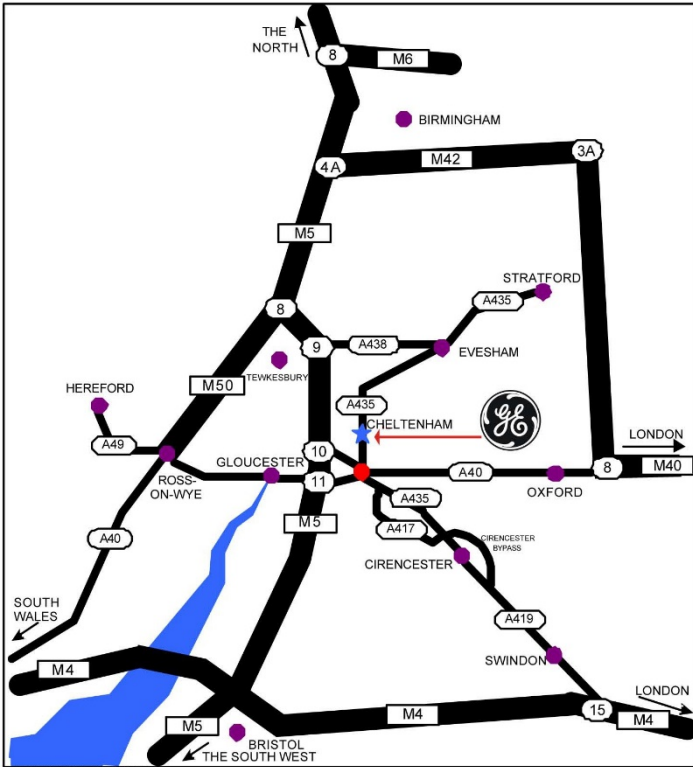
**Your Company Information**

\*Company Name \_\_\_\_\_

Company Branch Country \_\_\_\_\_

# Attachment 3

# DIRECTIONS TO BISHOPS CLEEVE CAMPUS



### From the West.

M5 to junction 11, A40 towards Cheltenham and follow signs to Swindon Village and Bishop's Cleeve .

### From Swindon.

A419/A417 Cirencester bypass to Cheltenham (East). Head for Cheltenham Town Centre and then follow signs for Evesham (A43S) and Bishop's Cleeve .

### From London.

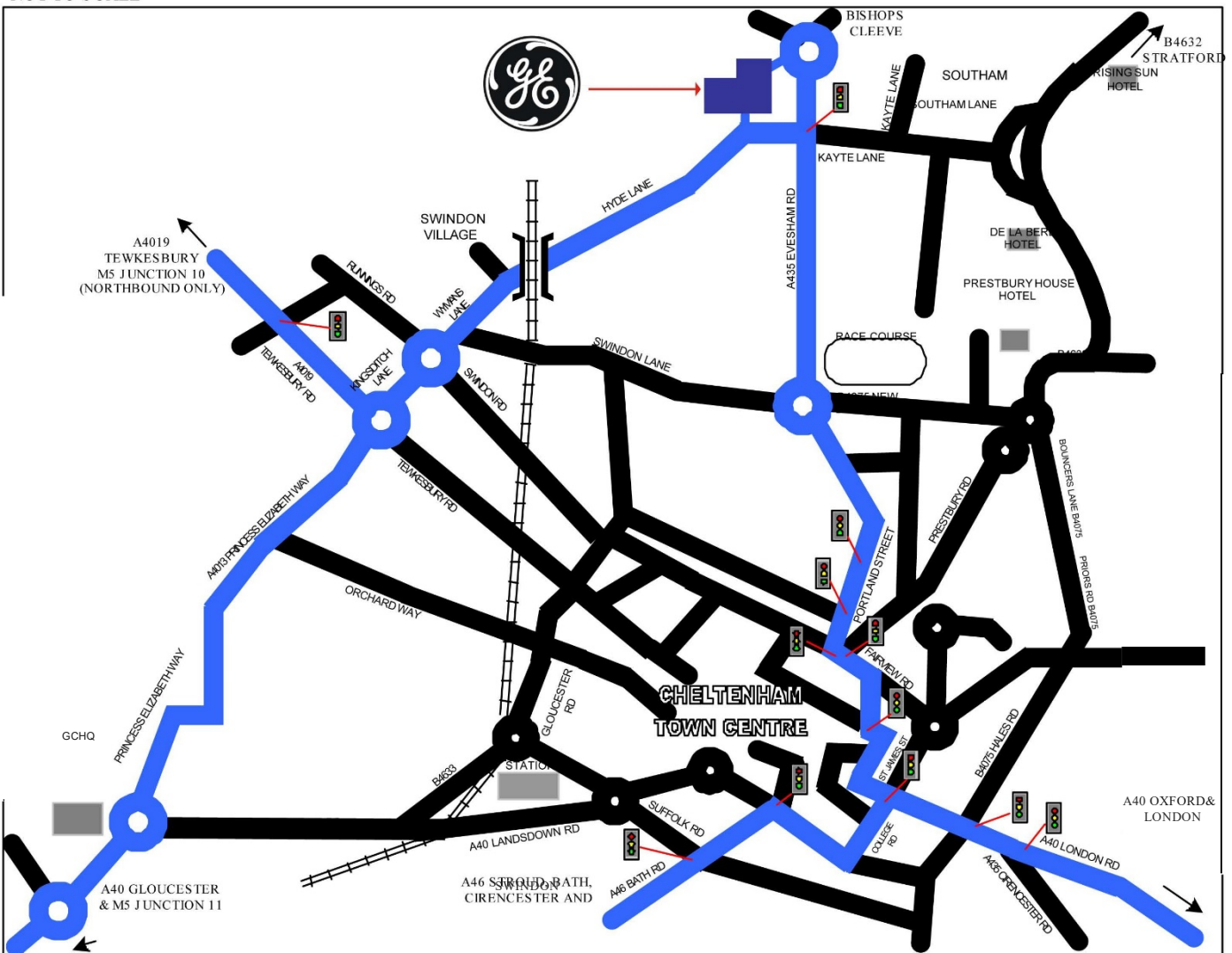
M40/A40 to Cheltenham. Follow signs for Evesham (A43S) and Bishop's Cleeve.

### From the North.

M5 to junction 10, A4019 towards Cheltenham and follow signs for Bishop's Cleeve .

### Public Transport.

Trains to Cheltenham (Landsdown) station.  
 Bus to Royal Well bus station and then by bus to GE Aviation, Bishops Cleeve.



# Attachment 4

**Accommodations:**

<b>Name</b>	<b>GBP per night</b>	<b>Website</b>
Clarence Court Hotel	£99	<a href="http://www.clarencecourthotel.com/">http://www.clarencecourthotel.com/</a>
The Cheltenham Townhouse	£86	<a href="https://www.cheltenhamtownhouse.com/">https://www.cheltenhamtownhouse.com/</a>
Premier Inn Cheltenham North West	£79	<a href="https://www.premierinn.com/gb/en/hotels/england/gloucestershire/cheltenham/cheltenham-north-west.html">https://www.premierinn.com/gb/en/hotels/england/gloucestershire/cheltenham/cheltenham-north-west.html</a>
Premier Inn Cheltenham Town Centre	£70	<a href="https://www.premierinn.com/gb/en/hotels/england/gloucestershire/cheltenham/cheltenham-town-centre.html">https://www.premierinn.com/gb/en/hotels/england/gloucestershire/cheltenham/cheltenham-town-centre.html</a>
Premier Inn Cheltenham Central (West/A40) Hotel	£69	<a href="https://www.premierinn.com/gb/en/hotels/england/gloucestershire/cheltenham/cheltenham-central-westa40.html">https://www.premierinn.com/gb/en/hotels/england/gloucestershire/cheltenham/cheltenham-central-westa40.html</a>
The Rising Sun Hotel	£66	<a href="https://www.greeneking-pubs.co.uk/pubs/gloucestershire/rising-sun-hotel/">https://www.greeneking-pubs.co.uk/pubs/gloucestershire/rising-sun-hotel/</a>
Travelodge Cheltenham	£58	<a href="https://www.travelodge.co.uk/hotels/84/Cheltenham-hotel">https://www.travelodge.co.uk/hotels/84/Cheltenham-hotel</a>
DoubleTree by Hilton Cheltenham	£91	<a href="https://doubletree3.hilton.com/en/hotels/united-kingdom/doubletree-by-hilton-cheltenham-GLOCHDI/index.html">https://doubletree3.hilton.com/en/hotels/united-kingdom/doubletree-by-hilton-cheltenham-GLOCHDI/index.html</a>
Best Western Plus Cheltenham Regency	£68	<a href="https://www.bestwestern.co.uk/hotels/best-western-plus-cheltenham-regency-hotel-84236">https://www.bestwestern.co.uk/hotels/best-western-plus-cheltenham-regency-hotel-84236</a>
Beaumont House	£83	<a href="https://www.willowboutiquehotels.com/">https://www.willowboutiquehotels.com/</a>