

STUDENT HANDBOOK

WELCOME TO CUSTOMER TRAINING CENTER FRANCE



Training Information Check List

- ✓ Check that class description meets your requirements
- ✓ Verify class dates via phone/email (listed below) or on web site
- ✓ Class times: 0900 – 1600
- ✓ Contact info: Email: training.center@safrangroup.com
 Phone +33 1 6414 8103 or +33 1 64 14 8035
 Off hour contact CSC +33 1 64 14 8866
- ✓ Map to CTC SAFRAN AIRCRAFT ENGINES Montereau location:
Aérodrome de Villaroche, chemin de Bassin, 77950 Montereau sur le Jard
(GPS: 48°36'49" North / 2°39'16" East)
- ✓ Valid Identification (ID card or passport or SAFRAN badge) to pass security check at SAFRAN entrance ; passport information will have been given at least 2 weeks beforehand via the registration form
- ✓ Hotel can be booked by CTC with discounted rates, choice between four hotels
- ✓ Transportation from CDG airport to CTC: 105€ - 140€ by taxi
- ✓ Transportation from Orly airport to CTC: 70€ - 90€ by taxi
- ✓ Transportation from hotel to CTC : car (free parking), public transport or shuttle (on demand only) from one of the 4 recommended hotels
- ✓ Cell phones are allowed at CTC facilities, but photo/video use is prohibited
- ✓ Your laptop computer is welcome in class but has to be reported to SAFRAN security
- ✓ Free WiFi access on request
- ✓ Safety shoes are required – can be provided at facility
- ✓ Money to be exchanged to Euros before arrival – avoid 500€ bills
- ✓ If translator required, this is of customer responsibility

WELCOME TO CFM CTC

The CFM Customer Training Center (CTC) is a world-class training facility located 50 kilometers southeast of Paris, France. The state-of-the-art building consists of administrative offices, LEAP & CFM engine shop bays and classrooms.

Adjacent to SAFRAN's Product & Customer Support, the CFM Training Center - through its experienced instructors- delivers Maintenance training for LEAP 1A/1B, CFM56-3/-5/-7 EASA Part147 approved.

CTC is fully responsible for CFM56-5 maintenance and shop training. More than 1,200 students per year, CFM Customers and SAFRAN employees, receive ATA 104 technical training which can be also customized to their needs - or delivered at customer's site under certain conditions.

CTC Subject Matter Experts keep close contact with SAFRAN/CFM Product Support Engineers to enhance training courses with the latest technical upgrades and modification. CTC course developers and graphics contribute to high quality Computer Based Training presentations that are shown within classrooms during theoretical sessions.

Our mission is to enhance product support by providing world-class engine maintenance training for you, our customers. We will do all we can to insure that the time you spend with us is time well spent.

Training Team:

Jean-Paul Brun	CFM56 Shop
Maryvonne Charon-Lepeltier	CFM56-7B Line Maintenance
Eric Garret	CFM56-5B & LEAP-1A Line Maintenance
Marc Leclercq	CFM56-5A/B/C/7B & LEAP-1A Line Maintenance
François Lutz	LEAP 1B & CFM56-2/-3 Line Maintenance
Bruno Mattielli	LEAP-1A Line Maintenance
Laurent Ricoeur	CFM56-7B Line Maintenance
Jean-Do Scanu	All CFM56 Shop & CFM56-5A/B/-7B Line Maintenance

ENVIRONMENTAL HEALTH AND SAFETY POLICY

Customer Training Center is committed to protecting employees, students, contractors, visitors, the environment, and property from accidental loss.

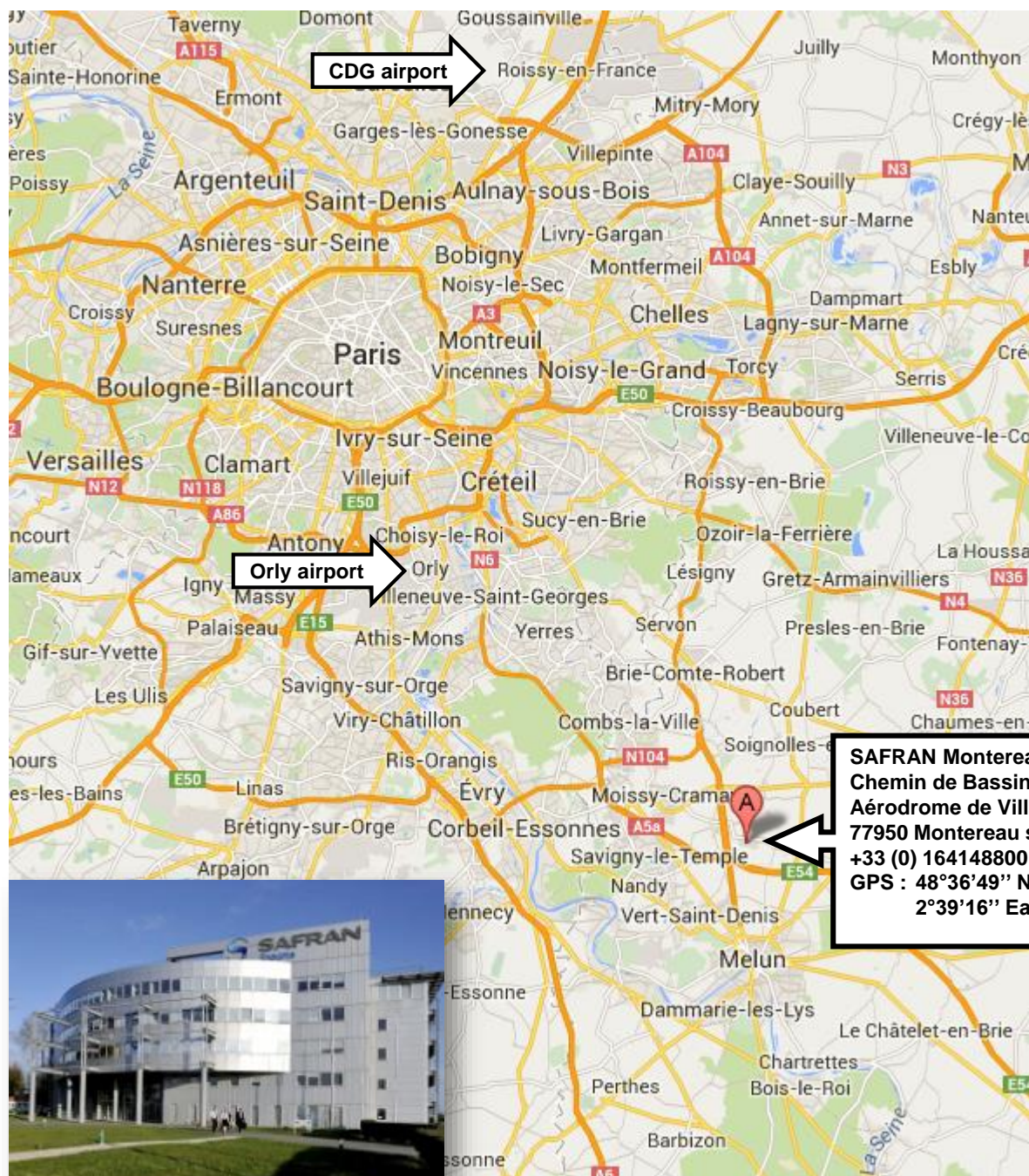
In fulfilling this commitment, we will work to provide and maintain a safe and healthful work environment. We will strive to eliminate any foreseeable hazards which may result in fires, security losses, damage to property and personal injuries/illnesses.

Accidental loss can be controlled through good management in combination with active employee involvement and appropriate support from EH&S professionals. Loss prevention is the direct responsibility of all managers and employees.

Customer Training Center management will comply with Transportation loss prevention requirements as they apply to the design, operation, and maintenance of facilities and equipment. All employees will perform their jobs properly in accordance with established procedures and operating philosophy.

We trust that all of you will join us in a personal commitment to loss prevention as a way of life.

SAFRAN MONTEREAU ACCESS MAP



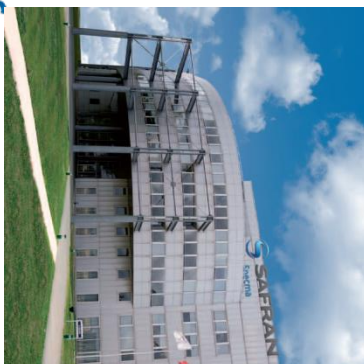
SAFRAN MONTEREAU ACCESS MAP



HOW TO GET TO SNECMA MONTEREAU BY PUBLIC TRANSPORT

- Via RER (Paris area commuter train)
 - From Paris Gare de Lyon, take RER line D to station Lieusaint-Moissy (35 mn)
 - At Lieusaint-Moissy station, take bus Sénart Express 51/55 (10 mn)

Bus every 20mn from 7:35 to 9:00 am to Snecma Montereau, and from 3:55 to 7:10 pm returning to Lieusaint-Moissy station in the afternoon
 Bus schedule available on www.transdev-idf.com

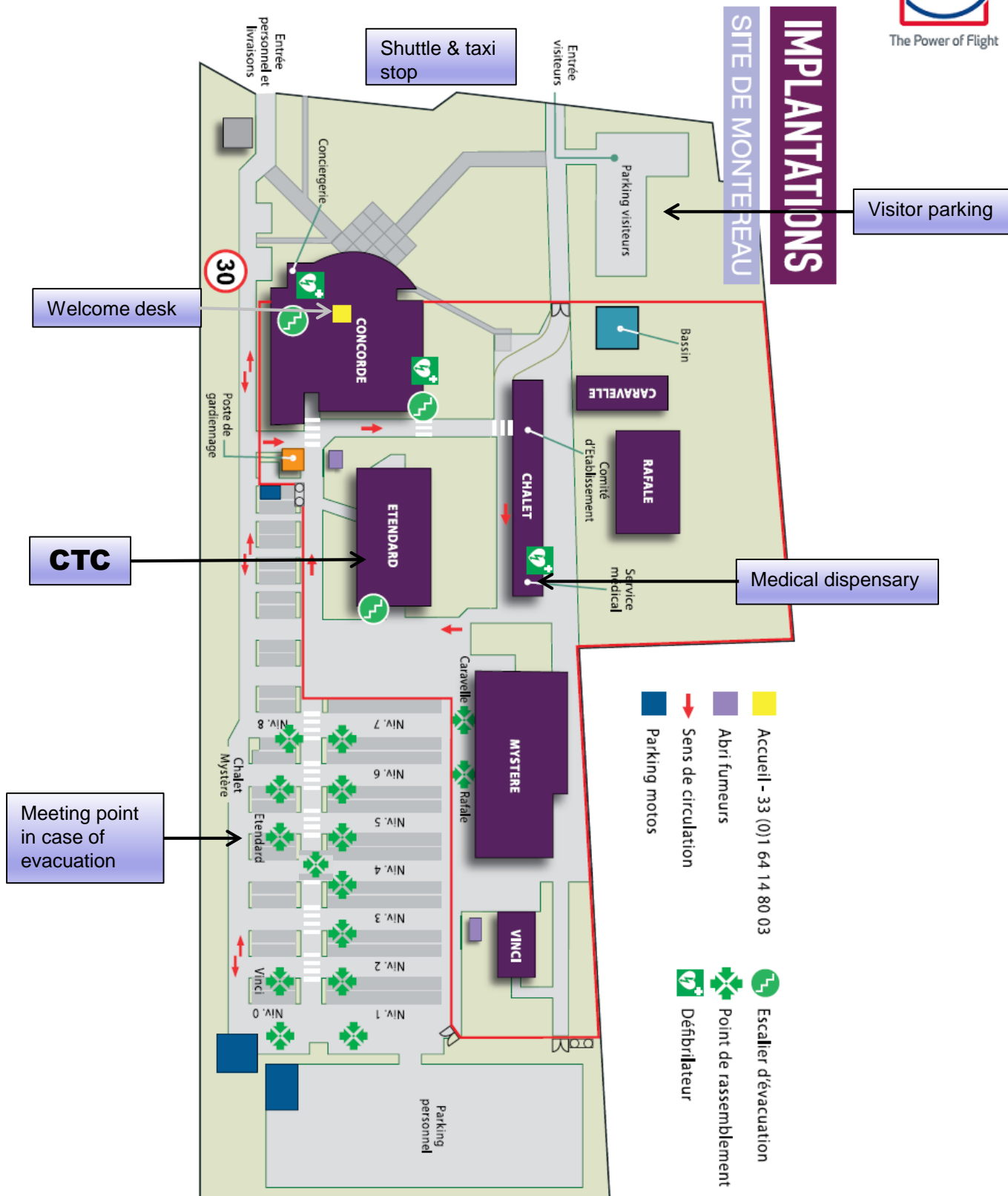


**Snecma
Montereau**



**Snecma
Villaroche**

SAFRAN MONTEREAU LAY OUT MAP



GENERAL INFORMATION

This brochure provides general information that will help you during your stay at the Customer Training Center (CTC), EASA Part147 approved. If you have questions that are not answered here, please do not hesitate to ask any CTC staff member.

Attendance Policy: 90% attendance is required for EASA Part147 certificate delivery. For other non Part147 courses, a training certificate will be delivered for 80% minimum attendance.

Class Times: Classes begin at 9:00 am and finish at 4:00 pm. The school building opens at 08:00 am.

Security Measures: You will have to show a valid ID with photo (ID card, residence card or passport) at SAFRAN welcome desk (Concorde, main building), where you will be given a student badge for the duration of your training. You then will be able to proceed to CTC (Etendard building). It is important that you return your badge and the plastic badge holder at the welcome desk when you leave on your last day.

Food Services: You can get lunch at SAFRAN cafeteria, Monday through Friday. Tickets for meal sold at 10 €uros each. Vending machines are located in the break area in CTC. Alcoholic beverages are not allowed on the premises of any SAFRAN facility.

WiFi: Free access to our WiFi network on request.

Money Exchange: You can exchange money at the airport or in Paris. We suggest you exchange money before leaving the airport, it cannot be done locally or at CTC. There is an ATM located in the Concorde building. Avoid coming with 500€ bills, most local shops don't accept them and it's difficult to make change on such a sum.

Medical Services: Limited medical assistance is available at SAFRAN dispensary located in Chalet building. The dispensary may refer you to a private physician or dentist or to a local hospital. Be aware that if you see a private doctor or dentist or enter a hospital, it will be at your expense. You are responsible for all expenses incurred outside SAFRAN plant's medical services.

Please inform your instructor if you need medical attention during class or if you are ill and cannot come to class.

GENERAL INFORMATION (Cont'd)

Parking: If you are driving to class, free parking is available. Be sure to comply with traffic and driving rules, speed limit is 30 km/hour.

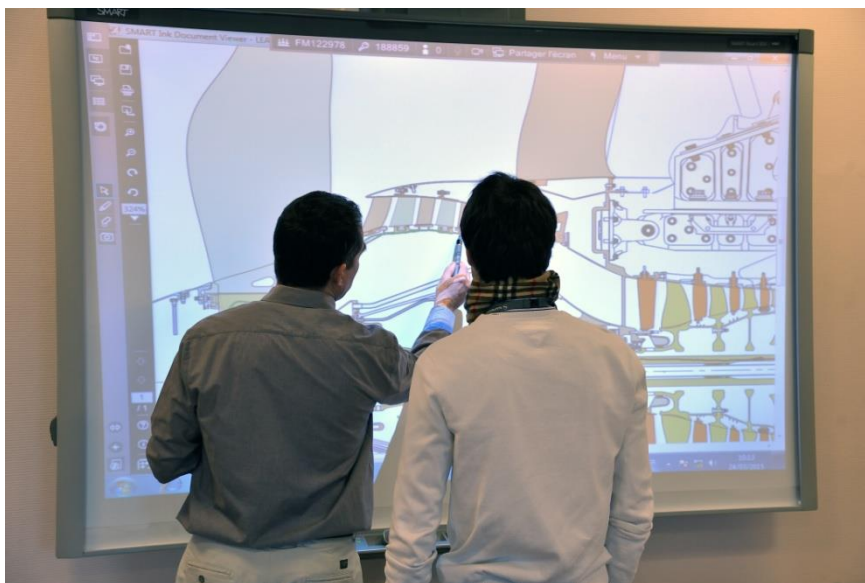
Schedule: Your class schedule will be provided to you during orientation on your first day of class.

Smoking: Smoking is permitted only in the smoking areas outside. No tobacco product use is allowed inside of the facility.

Training Material: Be prepared to carry the training material you receive during your classes. SAFRAN does not assume the responsibility for the shipping of the material.

Transportation: Transportation for commercial customers from the 4 recommended hotels to school and back can be arranged, your request must be made at the latest on the Wednesday preceding the training. All other local transportation is at your own expense.

Cameras: Photographs in the training center are prohibited. All requests are subject to approval by SAFRAN Security. Cell phones are allowed at CTC, but cell phone photos or videos are prohibited.



SAFETY RULES

The following is a list of general and specific rules that everyone must follow. Remember everyone is expected to know the rules. If you don't know the proper procedures, please ask your instructor.

1. Listen carefully when your instructor provides safety and environmental health information during your orientation and throughout your classes.
2. Read the Environmental Health and Safety policy on page 4 of this booklet.
3. Review the general shop practices listed at the end of this booklet.
4. Ask any safety/environmental health questions you may have.
5. Refer to your copy of the Chemical Product Information Training for Customer Technical Education Center Students, as needed.
6. Be aware of safety instructions before:
 - performing maintenance of equipment
 - operating equipment or machinery
 - using material or equipment which you have not used before.
7. Comply with posted safety rules in specific areas, whether working in, or passing through, an area.
8. Know the evacuation plan for your work area.
9. Report any unsafe conditions immediately to your instructor.
10. Identify eye wash stations.
11. Immediately call for aid with any fire, no matter how small (dial 15 or 18 on any SAFRAN office phone or +33 160598100 on a mobile phone).
12. At a minimum, substantial footwear is required by all individuals that enter the shop. Substantial footwear is defined as a shoe that completely encloses the wearer's foot. Thongs, clogs, sandals and similar footwear are not allowed. All employees, contractors and visitors that are performing work must wear safety shoes. Failure to comply with this requirement will result in removal from the shop area.

SAFETY RULES (cont'd)

13. Do not eat, drink or smoke on the shop floor.
14. Report all injuries and illnesses immediately to your instructor prior to going to First Aid for treatment.
15. Do not remove or make ineffective, guards or safety interlocks except in the course of maintenance. Such guards or interlocks must be in place before any machine or equipment is placed in service.
16. Report any electrical equipment and machinery that is not grounded.
17. DO NOT operate motorized material handling equipment.
18. Upon the event of a hazardous material spill, no matter how small, notify your instructor.



ENGINE MAINTENANCE PRACTICES FOR SHOP CLASSES

1. Follow all environmental health and safety directions and rules.
2. Return tools and fixtures to their designated storage place immediately after use.
3. Do not disfigure the engine.
4. Do not stand on the top hand rails of work stands.
5. Do not leave loose tools on the engine, floor or work stands.
6. Give ample warning before moving suspended loads.
7. Do not use force to remove or install engine parts.
8. Only one person will give hoist operator instructions.
9. Perform maintenance work on the shop floor only when an instructor is present.
10. Last fifteen minutes of the class day:
 - Place hand tools in proper boxes.
 - Return hand tool cabinets to designated storage area.
 - Return fixtures to designated area and align in an orderly manner.
 - Clean area around engine/module.

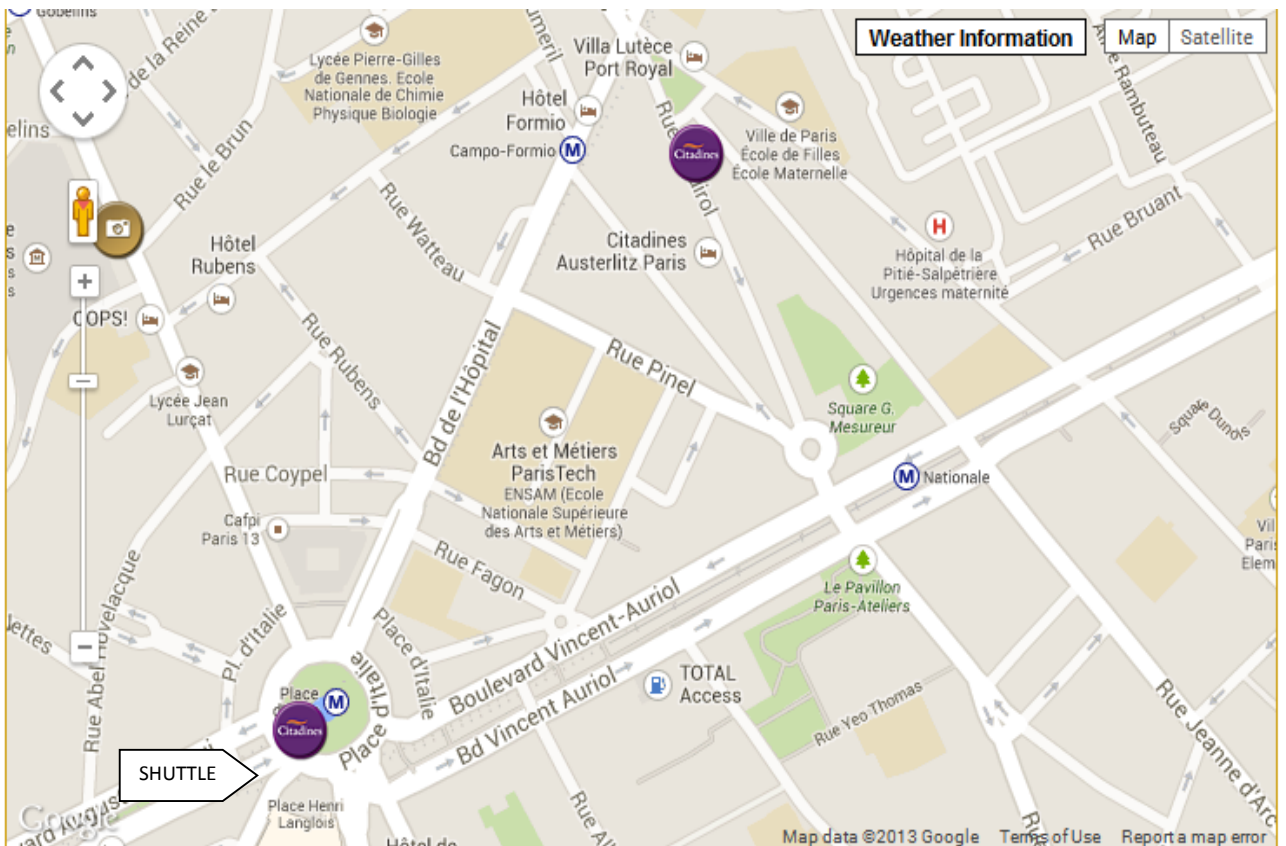


HOTELS WITH SAFRAN DISCOUNT 01/2017

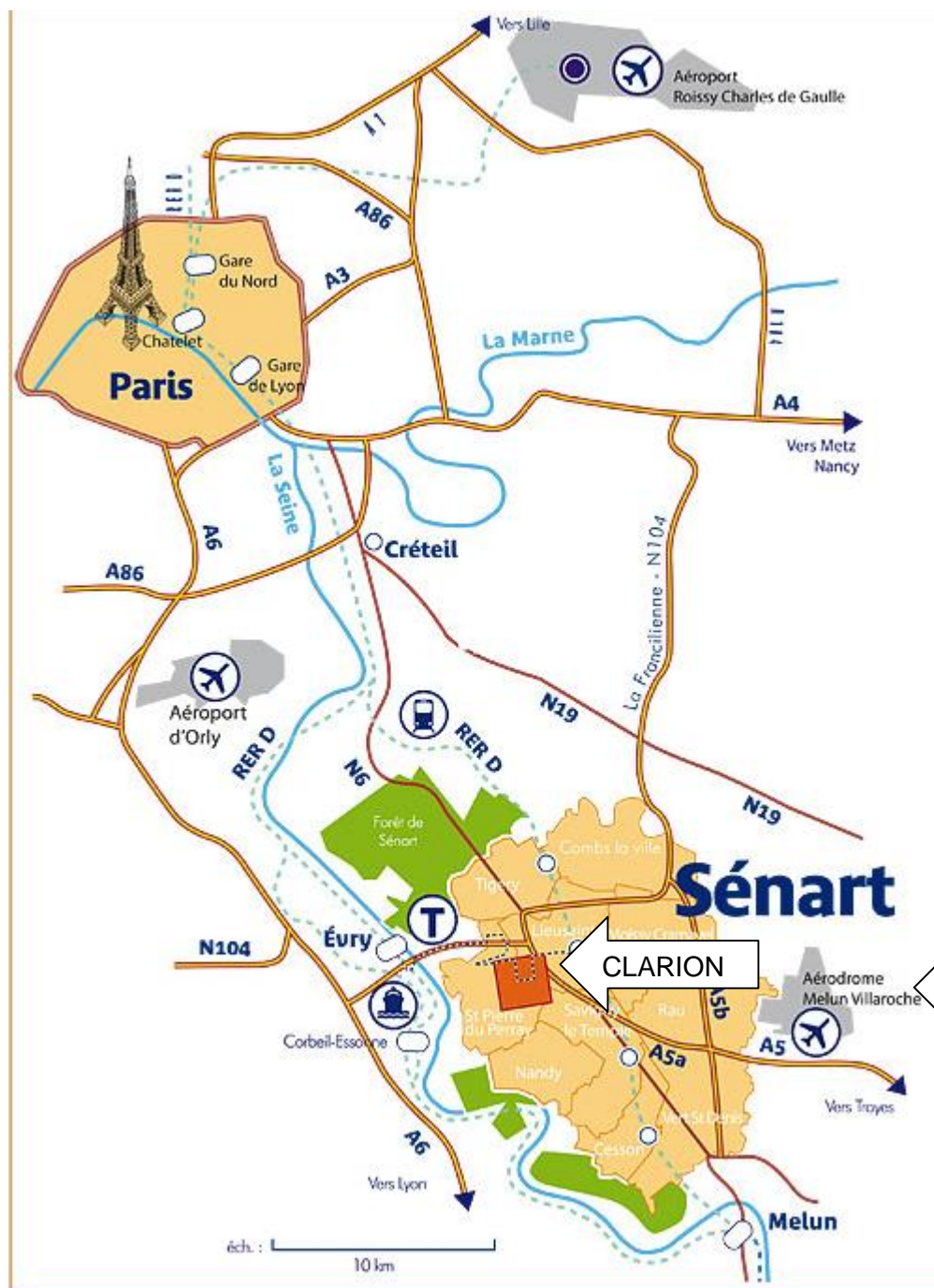
Transportation can be provided by SAFRAN from these hotels,
to be requested beforehand

<p>CITADINES*** Place d'Italie</p> <p>Shuttle pick-up 7:20/7:30 am</p>	<p>18 Place d'Italie 75013 PARIS Tel 33 (0) 1 43138500 Fax 33 (0) 1 43138699 www.citadines.com</p>	<p>Studio 126€* Apartment 176€</p> <p>*Breakfast included for 1p Discount rates if stay over 6 days</p>
<p>CITADINES*** Austerlitz</p> <p>Shuttle pick-up 7:20/7:30 am at Citadines Place d'Italie</p>	<p>27 rue Esquirol 75013 PARIS Tel 33 (0) 1 56615400 Fax 33 (0) 1 45865976 www.citadines.com</p>	<p>Studio 127€ Apartment 214€</p> <p>Breakfast 10€ not included Discount rates if stay over 6 days</p>
<p>RESIDHOME CLARION SENART****</p> <p>15mn drive from Training Center</p> <p>Shuttle pick-up 8:10/8:15 am</p>	<p>12 Trait d'Union 77127 LIEUSAINT Tel 33 (0) 1 64137200 Fax 33 (0) 1 64137900 www.residhome.com</p>	<p>Single room 105,50€ breakfast included Discount rates if stay over 6 days</p>
<p>IBIS STYLES***</p> <p>10mn drive from Training Center</p> <p>Shuttle pick-up 8:40/8:45 am</p>	<p>Z.A. Saint Nicolas 77950 RUBELLES Tel 33 (0) 1 64524141 Fax 33 (0) 1 64522600 www.ibis.com/rubelles</p>	<p>Single room 88€ breakfast included</p>

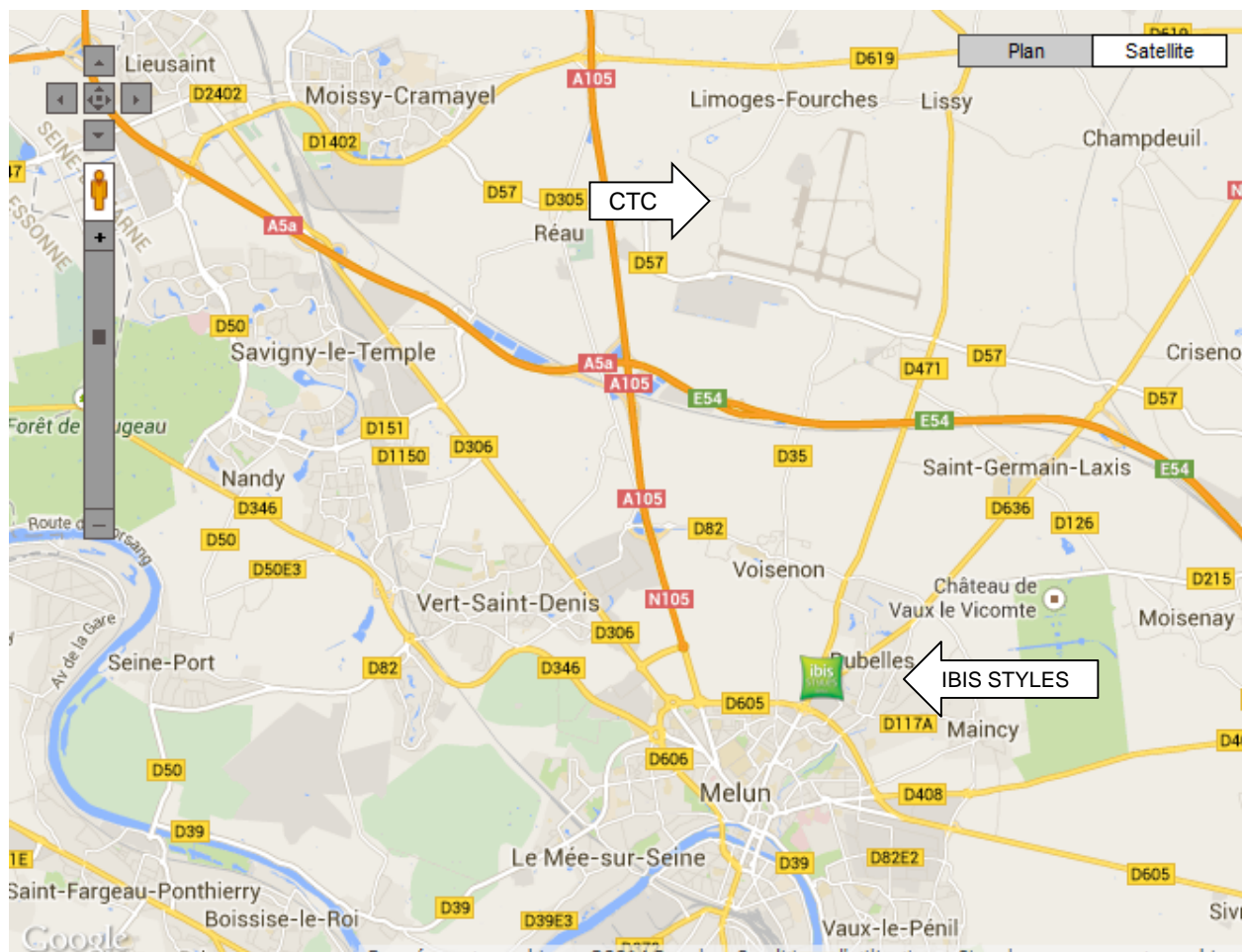
CITADINES HOTELS PARIS



HOTEL CLARION SENART



HOTEL IBIS STYLES RUBELLES



EASA PART 147 APPROVAL



DSAC

MINISTÈRE DE L'ENVIRONNEMENT, DE L'ÉNERGIE ET DE LA MER



Direction Générale de l'Aviation Civile

DIRECTION DE LA SÉCURITÉ DE L'AVIATION CIVILE

Membre de l'Union Européenne
(A Member of the European Union)

CERTIFICAT D'AGREMENT D'ORGANISME DE FORMATION A LA MAINTENANCE ET D'EXAMEN (MAINTENANCE TRAINING AND EXAMINATION ORGANISATION APPROVAL CERTIFICATE)

FR.147.0012

Conformément au règlement (CE) n° 216/2008 du Parlement Européen et du Conseil et au règlement (UE) n° 1321/2014 de la Commission actuellement en vigueur, et dans le respect des conditions énoncées ci-dessous, l'Organisme pour la Sécurité de l'Aviation Civile, partie de l'Autorité compétente de la France en vertu de l'arrêté du 22 février 2013 modifié (NOR: TRA1305327A), certifie :

(Pursuant to Regulation (EC) No 216/2008 of the European Parliament and of the Council and to Commission Regulation (EU) No 1321/2014 for the time being in force and subject to the conditions specified below, the Organisme pour la Sécurité de l'Aviation Civile, part of the Competent Authority of France according to the "arrêté" dated 22 February 2013 modified (NOR: TRA1305327A), hereby certifies:)

SAFRAN AIRCRAFT ENGINES

Centre de Montereau
Aérodrome de Villaroche
Boîte postale 1936
77019 MELUN CEDEX
HYDERABAD (INDE), Melun (77019)

comme organisme de formation à la maintenance conformément à l'annexe IV (Partie 147), section A, du règlement (UE) n° 1321/2014, agréé pour dispenser les formations et organiser les examens énumérés dans le domaine d'agrément joint et délivrer les certificats correspondants de reconnaissance aux stagiaires en utilisant les références ci-dessous.

(as a maintenance training organisation in compliance with section A of Annex IV (Part-147) of Regulation (EU) No 1321/2014 approved to provide training and conduct examinations listed in the attached approval schedule and issue related certificates of recognition to students using the above references).

CONDITIONS :

1. Le présent agrément est limité aux tâches indiquées dans la section « domaine d'activité » du manuel des spécifications approuvé de l'organisme de formation à la maintenance visé à l'annexe IV (Partie 147), section A du règlement (UE) n° 1321/2014.

(This approval is limited to that specified in the scope of work section of the approved maintenance training organisation exposition as referred to in Annex IV (Part-147), section A of Regulation (EU) No 1321/2014)

2. Le présent agrément exige de respecter les procédures définies dans le manuel des spécifications approuvé de l'organisme de formation à la maintenance.

(This approval requires compliance with the procedures specified in the approved maintenance training organisation exposition)

3. Le présent agrément est valable tant que l'organisme de formation à la maintenance agréé respecte les dispositions de l'annexe IV (Partie 147) du règlement (UE) n° 1321/2014.

(This approval is valid whilst the approved maintenance training organisation remains in compliance with Annex IV (Part-147) of Regulation (EU) No 1321/2014)

4. Sous réserve du respect des conditions énoncées ci-dessus, la durée de validité du présent agrément est illimitée, sauf si l'agrément a auparavant été rendu, remplacé, suspendu ou retiré.

(Subject to compliance with the foregoing conditions, this approval shall remain valid for an unlimited duration unless the approval has previously been surrendered, superseded, suspended or revoked).

Date de délivrance initiale : 16/04/2003
(Date of original issue)

L'autorité de délivrance,
Le Président d'OSAC

Date de la présente révision : 19/07/2016
(Date of this revision)

N° de révision : 4
(Revision No)


Jean-Marc de Raffin Dournay

Par Délégation
Hugues Ricca

EASA PART 147 APPROVAL



DOMAINE D'AGREMENT D'ORGANISME DE FORMATION A LA MAINTENANCE ET D'EXAMEN (MAINTENANCE TRAINING AND EXAMINATION ORGANISATION APPROVAL SCHEDULE)

FR.147.0012

SAFRAN AIRCRAFT ENGINES

CLASSE (CLASS)	CATEGORIE (RATING)		LIMITATION (LIMITATION)	
Type/Tâches (Type/Tasks)	B1	T1	- Airbus A318/A319/A320/A321 (CFM56)	Engines only (Theoretical & Practical)
			- Airbus A319/A320/A321 (CFM LEAP 1A)	Engines only (Theoretical & Practical)
			- Boeing 737-600/700/800/900 (CFM56)	Engines only (Theoretical & Practical)
	C	T4	- Airbus A318/A319/A320/A321 (CFM56)	Engines only (Theoretical only)
			- Airbus A319/A320/A321 (CFM LEAP 1A)	Engines only (Theoretical only)
			- Boeing 737-600/700/800/900 (CFM56)	Engines only (Theoretical only)

Ce domaine d'agrément est limité aux formations et examens figurant dans la section « domaine d'activité » du manuel des spécifications approuvé de l'organisme de formation à la maintenance.
(This approval schedule is limited to those trainings and examinations specified in the scope of work section of the approved maintenance training organisation exposition)

Référence du manuel de l'organisme de formation à la maintenance :
(Maintenance Training Organisation Exposition reference:)

MTOE, 13, du 21/03/2016
(et révisions ultérieures approuvées)
(and later approved revisions)

Date de délivrance initiale : 16/04/2003
(Date of original issue)

Date de la présente révision : 19/07/2016
(Date of this revision)

N° de révision : 4
(Revision No)

L'autorité de délivrance,
Le Président d'OSAC



Jean-Marc de Raffin Dourny

Par Délégation
Hugues Ricca



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