

Embraer 135/145 maintenance training

Optimize the use of trainee time through
multimedia-based training

What we offer

Like all its courses, SAT's Embraer 135/145 maintenance training is specifically designed to be as flexible, practical and cost-effective as possible. As well as the full range of courses from level A to B1, B2, B1/B2, C, run-up, and practical training, our Embraer 145 technical training also offers the possibility of combining pilot and cabin crew training.

Our Embraer 135/145 maintenance training programmes make extensive use of media-based training to optimize the training time available and maximize the learning success. Needless to say, our instructors can also draw on extensive personal operational and troubleshooting experience with these regional jets, along with comprehensive teaching expertise. Our Embraer 135/145 maintenance training also extends to run-up simulator facilities.

Who it's for

SAT's Embraer 135/145 maintenance training courses are intended for line and base maintenance technicians holding the previous licence required for the course level concerned (A, B1, B2 etc.). Trainees must also have the knowledge and experience levels required for the corresponding EASA licences, or equivalent qualifications.

Our familiarization and refresher courses are designed for a wide range of addressees including maintenance staff, engineers, flying personnel, ground staff, authorities, management and quality assurance personnel.

Course extract for this aircraft type

B1/B2 type training for Embraer 145 aircraft

Our B1/B2 type training consists of both theoretical and practical level 3 training in the areas of electrical systems, airframe systems, powerplants and avionics systems, and fully complies with all EASA Part 147/Part 66 appendix III requirements in content terms. The practical training element covers parts & components, assembled units, MDS and avionics BIT procedures, and can also be offered separately within an EASA Part 145 context.

After completing their B1/B2 maintenance type training, the trainee should be able to:

- recall the safety precautions
- provide detailed descriptions of systems, structures and powerplants and their interrelationships
- use, interpret and apply appropriate documentation including the SRM and TSM
- identify special tooling and test equipment
- identify the locations of principal components
- correlate information from various sources for troubleshooting to maintenance manual level

- describe/perform the procedures for servicing
- describe/perform typical functional checks as per the AMM
- describe/perform removal/installation procedures unique to the aircraft type.

The above also requires a knowledge of the relevant manuals (such as the maintenance manual, the systems schematics manual, the wiring manual and the illustrated parts catalogue) and the requisite tooling and equipment.

E-learning: web-based training

Swiss AviationTraining makes comprehensive use of web-based training in the courses it provides. The online approach helps optimally utilize the trainee's time, enabling them to expand and refine their expertise where and when they wish. The web-based training option is available for various aircraft types such as the Embraer 135/145 and the Embraer 170/190 family and for a wide range of topics including electrical wiring interconnection systems (EWIS), winter operations, legislation and fuel tank safety.

Course overview for Embraer 135/145 (RR Corp AE3007A) including legacy types training

Course	Approval	Duration	Location
A	EASA	3 days + practical	Zurich / on-site
B1	EASA	22 days	Zurich / on-site
B2	EASA	19 days	Zurich / on-site
B1/B2	EASA	25 days	Zurich / on-site
C	EASA	5 days	Zurich / on-site
Level 2	EASA	15 days	Zurich / on-site
Continuation	N/A	1-5 days	Zurich / on-site
Refresher	N/A	1-5 days	Zurich / on-site
Familiarization	N/A	1-5 days	Zurich / on-site
Practical	EASA	10 days	on-site
Run-up	N/A	1-3 days	Zurich / on-site + simulator Zurich
Run-up refresher	N/A	1 day	Zurich / on-site + simulator Zurich

Like to know more? Feel free to contact us!

Swiss AviationTraining Ltd.
P.O. Box
CH-8058 Zurich Airport
Phone +41 44 564 5900
Fax +41 44 564 5700
info@swiss-aviation-training.com
www.swiss-aviation-training.com