

A220



A220 Type Rating Course

Course Description

Situation: A pilot has never held the respective type rating before.

- All Flight Training Alliance type rating training courses are conducted in a traditional format, comprising theoretical training followed by systems integration and finishing with practical training and checking on a full-flight simulator.
- Theoretical training consists of CBT self-study lectures and several classroom sessions.
- This product sheet describes the "Entitlement Type Rating" as defined by Airbus/CSALP. Additional modules can be added to meet specific customer demand.

Full-flight simulators with following certification levels are used:

- Level C or higher.

Flight Training Alliance's type rating courses can be enriched with additional training as requested by the customer:

AWO	If the customer operates below CAT I minima, AWO (CAT II/III, AL) can be integrated into the entitlement type rating by adding one AWO simulator session. Additional AWO lessons are possible according to customer's demand.
PBN	PBN (RNP RNAV) is part of the entitlement type rating course.
ETOPS	If ETOPS competence is desired, an additional practical training lesson of four hours will be scheduled.
HGS	If the customer uses HGS, the HGS training is part of the entitlement type rating course. Additional HGS lessons can be scheduled according to customer's demand.
ZFTT	If a specific landing training is requested, an additional practical training lesson of four hours per crew (two per pilot) will be scheduled after the skill test.
LOFT	At least one LOFT lesson is part of the entitlement training course footprint. Additional LOFT lessons can be added to the course.
MCC	The type rating course can be combined with an MCC course. For details see the separate product sheet "MCC Courses."
Bridge Course	The Bridge Course enables inexperienced pilots (little flight hours or no experience in modern glass cockpit or FMS equipped aircraft) to successfully complete an A220 type rating course. The course is combined with the type rating course.

Aircraft Type

- Airbus A220-100 and A220-300 (BD-500)

Benefits

- Flexibility in content and volume beyond entitlement training course footprint is possible to meet specific customer requirements.
- All full-flight simulators for the Flight Training Alliance courses are manufactured by CAE, the global market leader for flight training devices and operated by well-respected training centres of FTA parent companies Lufthansa Aviation Training and CAE.
- High level of training expertise of instructors.

Course Goal

- The aim of each type rating training course is to achieve the type rating for the A220-100/300 in accordance with the relevant regulation (Europe: Aircrew Regulation Part-FCL.725).
- Note: One training course covers both, 100 and 300 variants. Level-A familiarization training is met by studying a handout describing the differences. Checking and currency levels are not applicable.

Prerequisites for (EASA) Student Pilots

Type Rating:	For the ZFTT
<ul style="list-style-type: none"> • English according to ICAO Level 4 • Valid ATPL or CPL and passed ATPL theoretical knowledge exam • Hold or have-held multi-engine IFR rating with PBN privileges • Previous MPA experience or MCC certificate • Previous Type Rating or advanced UPRT certificate 	The same as for the non-ZFTT course plus: <ul style="list-style-type: none"> • At least 500 total flight hours (if FFS is level D certified) or 1,500 total flight hours (if FFS is level C certified) on a similar aircraft type • Specific cooperation agreement between ATI and ZFTT operator

Training Documents

Every student pilot will receive the following documents and data electronically during the welcome session:

- Course syllabus
- Training record including all check forms
- A technical questionnaire in electronic format with more than 300 questions integrated in the CBT.
- Personal data for WBT-access
- Contact data (e-mail address and/or telephone number) for instructor assistance during the WBT-phase
- Course feedback form

Theoretical Training/ Systems Integration

- 114 hours of theoretical training is offered, comprising general operational matters, aircraft systems training and systems integration.
- Aircraft systems training (68 hours) is covered by an interactive state-of-the-art self-study CBT/WBT program (via web-based access on a laptop, at the crew's home base).
- General operational matters (e.g. type specific performance, weight & balance, proper use of manuals, QRH, MEL, SOPs) are learned during instructor-led classroom lectures (14h) followed by examination (2h)
- Systems integration is achieved by instructor-led training on a system trainer consisting of 5 sessions (20 h. in total) and the respective briefing and debriefings (10h) to enable full understanding of the technical features and required standard operating procedures to be applied for safe and economic operation of the aircraft type.
- Students can contact an instructor via e-mail or telephone throughout the theoretical phase.
- CBT/WBT courseware is available seven days/24 hours during the course.
- A theoretical examination concludes the theoretical part of the training, using a multiple-choice test. Minimum pass rate is 75%, which will be trained to 100% in an instructor lead test debriefing to ensure complete understanding of all topics.

Practical Training and Checking

- Practical training is performed entirely on Full-Flight simulators.
- The type rating course consists of 32 hours (8 x 4 hours) training per crew on a full-flight simulator. Additional training modules can be added at customer's discretion (see optional training modules on the front page).
- Each practical training is preceded by a 1.5-hour briefing and followed by a detailed debriefing by the instructor.
- Each type rating course finishes with a Skill Test on the FFS (4 hours per crew).
- Landing training is offered by Flight Training Alliance via a four-hour specific landing training mission on the FFS as an additional optional module.
- If a ZFTT course is intended, a special authorization by the relevant CAA and a specific agreement between the Flight Training Alliance' training organization and the customer airline are required, which have to be signed and approved prior to starting the type rating course.

Course Structure and Duration

Theoretical training & systems integration



- WBT/CBT self-study of aircraft systems, at the crew's home base; 10 days / 68 hours (excluded from the graphical representation)
- General operational matters (performance, weight & balance, SOPs, etc.); 14 hours
- Theoretical examination, ca. 2 hours
- Instructor-led systems integration using system trainer; 20 hours

Practical training



- FFS training missions; 32 hours (8 x 4h)
- Skill test; 4 hours

Self-study / WBT
 Classroom
 Training on FTD
 Practical training on FFS
 Theoretical test
 Practical test