B737 6/7/8/900 Mechanical & Avionics Course – T1+T2

Duration	30 Days
Objectives	Upon completion of the course, the trainee shall be able to: • Perform all maintenance tasks on the systems and up to the level listed in the related regulatory document. • Ensure safe certification of line and base maintenance, inspections and routine work according to the maintenance manual and other relevant instructions and tasks as appropriate for the type of aircraft, for example: troubleshooting, repairs, adjustments, replacements, operational and functional checks.
Course capacity	Standard class : 12 trainees
Target population	Technical personnel associated with line and base maintenance activities. Maintenance Certifying Technicians – Mechanics + Avionics, who are holders of a basic license or equivalent and who seek type qualification on the aircraft.
Prerequisite	Personnel must be familiar with turbine powered transport aircraft and digital electronic equipment, and must have the knowledge and/or experience required for maintaining turbine powered transport aircraft. Preferably, the trainee is holder of a valid basic licenses of category B1 and B2 or equivalent. For the difference courses, the trainee must be qualified on the source aircraft. Student should be able to read, write and communicate at an understandable level in English language.
Language	English / French
Course location	Sabena technics training Brussels, Belgium or Customer site.
Description	This is a mechanics/electrics/avionics course according to ATA 104 level III for all systems. This course provides theoretical knowledge to line and base maintenance technicians having experience on multi-engine jet transport aircraft and digital techniques. It describes all the systems, sub-systems and components in detail, as well as the operational and functional tests of all systems (mechanics and avionics) according to the requirements defined in the related documents for Certifying Staff. It includes the use of the operational documentation to ensure that the trainee is able to correctly diagnose failures and take the necessary corrective action. For each ATA chapter the trainee must demonstrate by knowledge examination a detailed understanding of the listed systems, their operation and maintenance.
Note	Upon customer request and depending on training location, an aircraft visit for a general familiarization and major component location may be included.
Documentation	• General Familiarization Training Manual • CBT auto run CD-ROM if applicable • Abbreviation Booklet • AMM/ASM extracts (according to subject) • Cockpit Panel drawings

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