

ASTONFLY ADMISSION ASSESSMENT - ATP TRAINING

INTRODUCTION

The Astonfly assessment allows us to measure your cognitive abilities, your general knowledge and your level of mathematics/physics, which are essential to the success of your airline pilot training at Astonfly.

This assessment has been designed by Astonfly in collaboration with several airlines and developed by the European specialist in cognitive and behavioural assessments. The scale of results for each test has been set by doctors in neuroscience with long experiences in airline pilot assessments.

PROGRAMME

The assessment, which lasts a total of 2 hours and 10 minutes, is in English and is composed of three distinct parts:

- 1. Cognitive assessment** based on 10 activities (one of the following 9 activities will be repeated) to be completed in 60 minutes:
 - N-Back
 - Mental marbles
 - Dominos
 - Switch
 - Watch out, it's spinning
 - Mathematical errors
 - Fill-in-the-blank texts
 - Alternating between the two
 - It all depends on where you look
- 2. Aeronautical General Knowledge Assessment (MCQ)** of 30 questions to be completed in 10 minutes:
 - History of aviation
 - Technology of past and present day
 - Aircrafts
 - Airline companies
- 3. Mathematics and physics assessment (MCQ)** of 25 questions to be completed in 60 min:
 - Arithmetic : whole numbers, divisibility, powers, fractions, percentages, cross multiplication,
 - Geometry : surfaces and volumes, triangles, Pythagoras, angles, symmetry, homothety, translation, Thales, vectors,
 - Algebra : multiplication, 1st and 2nd degree equations, inequations, analysis, functions, derivatives,
 - Fluid mechanics : pressures, density, law of perfect gases,
 - Charts : reading charts,
 - Magnetism : magnetic and current fields, electromagnetic force,
 - Trigonometry : definitions, sine, cosine, tangent, arcsine, arccosine, arctangent, associated angles, transformation formulae, remarkable values of trigonometric functions, circular functions, angle-side relationships,
 - Electricity : direct current, intensity, potential, resistance, Ohm's law, power, alternating current, period and frequency, phase shift.

RESULTS

Your result will be sent to you by e-mail once your scores have been processed.

- **FAIL :**
You will be invited to retake the assessment after re-training. After two failed attempts, there is a 6-month waiting period before you can retake the entrance assessment.
- **PASS : MULTI AIRLINES**
You demonstrate a sufficient result to enter the Astonfly ATP Integrated / Modular course under the « Multi Airlines » label for a start within 12 months of the date of passing this assessment.
- **PASS : MULTI AIRLINES + RYANAIR MENTORED PROGRAMME**
You demonstrate a sufficient result to integrate the Astonfly ATP Integrated / Modular training under the label « Multi Airline » or « Ryanair Mentored Programme » and thus have the choice of your training course, for a start within 12 months following the date of passing this assessment.

