



# Type Rating Training Organization (TRTO)

A Centre Of Excellence in Advanced Pilot Training





The famous "TUI smile"



# Courses offered by TUIfly Academy Brussels TRTO

- Type Rating Course Boeing 737 Classic
- Type Rating Course Fokker 70 / 100
- Multi Crew Cooperation Course Integrated with B737 and F70/F100 Type Rating Courses
- Type Rating Course Boeing 767
- Synthetic Flight Instructor Course Multi Pilot Aircraft (SFI – MPA)
- Type Rating Instructor Course Multi Pilot Aircraft (TRI – MPA)

## History of Jetairfly and its Type Rating Training Organization ( T R T O )

Jetairfly started operations in March 2004. It is a Belgian airline performing most of the production of flights for tour operator Jetair. For this purpose, it operates a fleet consisting of different types of aircraft amongst which the Fokker 100, Boeing 737 Classic (EFIS), Boeing 737 Next Generation and Boeing 767.

In March 2004, the decision was taken to launch the TUI Airlines Belgium T R T O. In August 2004 full JAR-FCL<sup>1</sup> approval was obtained by the T R T O. In December 2006 the name changed to “TUIfly Academy Brussels”.

The aim of TUIfly Academy Brussels is to provide high quality training to the airline’s Flight Crews as demanded by the high safety standards of Jetairfly. But next to this, advanced pilot training of the same level is provided to third party customers, amongst which some other airlines of the TUI-group. This includes Type rating Courses as well as Instructor Courses for multi pilot aircraft.

<sup>1</sup> Joint Aviation Regulations – Flight Crew Licensing



View (Belgium) taken from Boeing 737-800

# The Training Centre

The TUIfly Academy Brussels Training Centre is located in Diegem at the "Jethouse". Its convenient location close to the Brussels International Airport makes it easily accessible.

The modern classrooms are equipped with all devices necessary for professional instruction. This includes Computer Based Training (CBT) equipment, cockpit panels, etc.

## **The Training Centre :**

Jethouse  
Campinestraat 46  
1831 Diegem



Full Flight Simulator (FFS)

# Training devices and methods

## ■ Classroom lectures

Classroom lectures are given by experienced Ground Instructors, Synthetic Flight Instructors and Type Rating Instructors, all having acquired their experience and expertise in different airlines, or are Flight Crew Members / Instructors themselves at Jetairfly.

## ■ Computer Based Training (CBT)

This computer based tool allows the pilot to study aircraft systems. Through the interactive interface it will give the pilot a practical knowledge about systems as well.

## ■ Cockpit Trainer (CPT)

The Cockpit Trainer is used to give the pilot hands-on training in system panel operations. Cockpit flows, initial checklist procedures for normal and non-normal situations are trained.

## ■ Full Flight Simulator (FFS)

Aircraft handling skills are trained together with normal and non-normal procedures. Emphasis is placed on CRM<sup>2</sup> during this training. At the completion of this phase, a skill test is taken to confirm JAR-FCL standards are achieved. For FFS training TUIfly Academy Brussels cooperates with Sabena Flight Academy as well as CAE as providers for simulators.

<sup>2</sup> Crew Resource Management



Cockpit Boeing 737-800



Cockpit Boeing 737-800



# Type Rating Course B737

## ■ Unique concept – added value

To selected candidates, and limited to a number of pilots per year, Jetairfly will offer a contract of limited duration as First Officer to allow the pilots to build line experience on the B737. This added value will allow young and inexperienced pilots to function in the day-to-day line operations of an airline, thereby acquiring core competencies needed in a modern airline. By offering this module to young pilots, TUIfly Academy Brussels goes far beyond the goal of only training the pilot to the levels required to obtain a type rating – it means teaching him the profession with all its aspects involved.

## ■ Pre-entry requirements to the course

An applicant for the first Type Rating for a multi-pilot aeroplane type shall:

1. have at least 100 hours as pilot-in-command of aeroplanes
2. have a valid instrument rating (for multi-engine aircraft)
3. have passed the written theoretical knowledge ATPL exam (JAR-FCL)

Applicants not holding a certificate of satisfactory completion of Multi Crew Cooperation (MCC) shall follow the MCC course combined with the initial type rating.

## ■ Selection procedure

Candidates will be asked to send their curriculum vitae together with copy of licence, medical certificate, MCC-certificate, copy of theoretical ATPL exam results, copy of log-book and a motivation letter to the Human Resources department.

After this, candidates meeting the requirements will be invited for a conversation with a representative of Jetairfly's Human Resource Department together with an airline Training Captain. During this conversation the candidate's aviation background knowledge will be evaluated.

Finally an evaluation session in an aircraft or simulator will be organized, during which basic aircraft handling skills are evaluated. To be able to prepare for this evaluation, candidates receive a syllabus with all useful information beforehand.

## ■ Course contents

Following table gives a general overview of the course contents for a crew consisting of one Captain and one First Officer on the B737 Classic:

Phase	Device used	Content	Time in Hours	Days
Theoretical training	CBT	AIRCRAFT STUDY	46:10 / Trainee	15
		Quiz	2:00 / Trainee	
	CPT	6 sessions	18:00	
	FBS	2 sessions	8:00	
	Field trip	1 trip	3:00	
Synthetic flight training	FFS	20 sessions	40:00	10
Evaluation	FFS	1 session / trainee	2:00 / trainee	1
Automation	FFS	1 session	2:00	1
Base training	FFS	2 sessions	1:00 / Captain 2:00 / First officer	1
	Aircraft	1 sessions	1:00 / Trainee	1
<b>Total duration</b>				<b>29</b>

A training for a non-standard crew (e.g. 2 First Officers) will typically contain more sessions in order to achieve the same standards by the end of the training. For candidates who have not completed an MCC course, an extra 25 hours of theoretical knowledge training and exercises will be given prior to starting the type rating course.



# Type Rating Course

## B767 and F70/F100

Selection procedure prior to starting the B767 and F70/F100 type rating is similar to that of the B737 type rating course.

Detailed course contents can be requested at TUIfly Academy Brussels.

# Instructor Courses

Pre-entry requirements for Synthetic Flight Instructor (MPA<sup>3</sup>) and Type Rating Instructor (MPA) for the B737, F70/F100 and B767 are conform with JAR-FCL requirements. Courses are composed of following items:

- Following observer sessions on a number of existing type rating trainings
- Giving simulator sessions as TRI (A) under supervision of a Jetairfly instructor
- Following the "Teaching and learning" course. This includes giving a number of lessons in a classroom environment
- Giving a session as TRI (A) on a complete type rating course under supervision and to the satisfaction of a TRE<sup>4</sup> designated by the Belgian Civil Aviation Administration for that purpose.

<sup>3</sup> Multi Pilot Aeroplanes

<sup>4</sup> Type Rating Examiner



Company Headquarters - Oostende



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