

  
**YOU CAN FLY®**

**40ms**

 **Łukasiewicz**  
Instytut Lotnictwa



The 40ms Company has obtained a European patent for a flight simulator in a wingsuit and ski jumping simulator.

The patent has been validated in several European countries.



## EUROPÄISCHES PATENT | EUROPEAN PATENT BREVET EUROPÉEN

Hiermit wird bescheinigt, dass für die in der Patentschrift beschriebene Erfindung ein europäisches Patent für die in der Patentschrift bezeichneten Vertragsstaaten erteilt worden ist.

It is hereby certified that a European patent has been granted in respect of the invention described in the patent specification for the Contracting States designated in the specification.

Il est certifié par la présente qu'un brevet européen a été délivré pour l'invention décrite dans le fascicule de brevet, pour les États contractants désignés dans le fascicule.

Europäisches Patent Nr.  
European Patent No.  
Brevet européen n°

Tag der Bekanntmachung des Erlasses auf die Erteilung des europäischen Patents  
Date of publication of the decision of the grant of the European patent  
Date de la publication de la décision de la délivrance du brevet européen

**EP3824978**

**12.10.2022**

### SKI JUMP AND WINGSUIT FREE FLIGHT SIMULATOR

Patentinhaber | Proprietor(s) of the patent | Titulaire(s) du brevet

40MS Spółka z ograniczoną  
odpowiedzialnością  
ul. Jasnągórską 45 lok. 10  
42-217 Częstochowa  
PL

  
António Campinos

Präsident des Europäischen Patentamts | President of the European Patent Office | Président de l'Office européen des brevets  
München, den | Munich, le 12.10.2022

URKUNDE | CERTIFICATE | CERTIFICAT



Prototype testing



Ski jumping flight phase



Wingsuit flight

## **Indoor skydiving** – History, Present, and Future of Wind Tunnels Worldwide

**1940** – The first research vertical wind tunnel at NACA (later NASA) – too small to lift a human.

**1964** – The first human “flight” in a vertical (military) wind tunnel.

**1982** – The first commercial vertical wind tunnel opened.

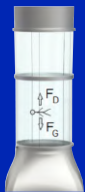
**2012** – 50 vertical wind tunnels worldwide.

**2024** – Over 220 vertical wind tunnels, including 120 in Europe, 60 in the USA, 40 in Asia and Australia, and at least 5 on passenger ships.

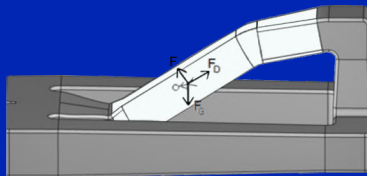
**2026** – **Opening of the first YCF Simulator in Stryków.**

**lata 2026 - 2034** – Construction of several proprietary YCF Simulators and licensing of franchised twin facilities.

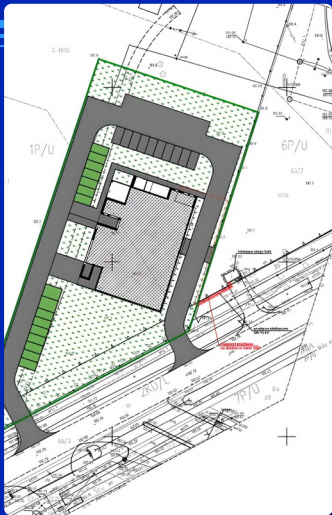
## Why Another Wind Tunnel for Flying?



**Traditional Tunnel** – Zero Gravity State: the airflow generates drag force that counterbalances the user's weight – you don't fall, but you cannot fly horizontally.



**YCF Simulator** – Gliding Flight: due to its tilt, the airflow generates both drag and lift forces – together, they balance the user's weight and enable controlled horizontal flight without descending.



## Land Purchase in the Stryków Municipality

### WYPIS

Kancelaria Notarialna  
Dominika Stec-Cekiera  
Notariusz  
ul. Dąbrowskiego 54 lok. 3, 42-218 Częstochowa  
tel. 34 347 00 13  
NIP 864 175 04 37

Repertorium A nr 13.529/2023

### AKT NOTARIALNY

Dnia osiemnastego grudnia dwa tysiące dwudziestego trzeciego roku (**18.12.2023 r.**) w Kancelarii Notarialnej w Częstochowie przy ulicy Dąbrowskiego 54/3 przed notariuszem Dominiką Stec-Cekierą, stawili się:

1. Tomasz Michał Kossowski, używający imienia „Tomasz”, imiona rodziców: Tadeusz i Janina, zamieszkały, jak oświadcza w miejscowości Częstochowa (42-202) ulica Wypalanki 55, legitymujący się dowodem osobistym serii i nr CBS426456 (Pesel: 69051803659), obywatel polski, „Stron Sprzedająca”;

2. Robert Piotr Porada, imiona rodziców: Henryk i Lucjanna, zamieszkały w miejscowości Częstochowa (42-202) ulica Mączna nr 85 legitymujący się dowodem osobistym serii i nr DBH631627 (Pesel: 72121700895), obywatel polski, działający jako pełnomocnik - na podstawie uchwały nr 4 Nadzwyczajnego Walnego Zgromadzenia objętego protokołem sporządzonym w tejże kancelarii w dniu dzisiejszym za Rep. A nr 13.525/2023 w imieniu i na rzecz **Spółki 40MS SPÓŁKA AKCYJNA z siedzibą w Częstochowie** (adres: ul. JASNOGÓRSKA, nr 45, lok. 10, miejsc. CZĘSTOCHOWA, kod 42-217, poczta CZĘSTOCHOWA, kraj POLSKA; REGON:



Architectural and construction design  
and building permit for the WINGSUIT FLIGHT  
AND SKI JUMPING SIMULATOR.



**Visualization of the YCF Simulator Building:**

Usable area: 1100 m<sup>2</sup>

Volume: 8800 m<sup>3</sup>

Height, length, width: 14m 35m 25m



## 40ms Joint-Stock Company

Paid-in share capital: PLN 5,350,000

From its own capital, the company has financed, among others:

Concept development at ILDT, patent at the European Patent Office (EPO),  
construction and testing of a 1:5 scale model at CTO, construction and testing of a 1:1 prototype at CTO,  
legal services, and certified auditors.

Additionally:

purchase of a plot in the Stryków municipality, architectural, technical,  
and construction design along with a building permit.

The company still has its own financial resources available.

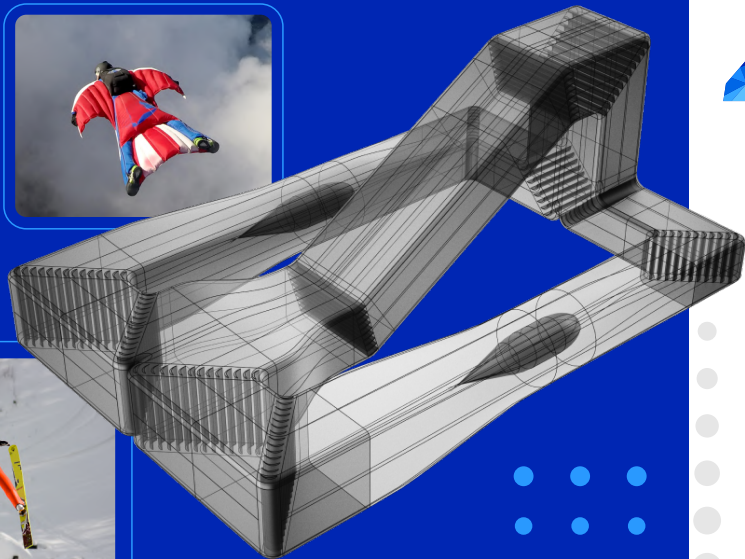
## 2023-2024

40ms S.A. meticulously prepares the construction process of the YCF Simulator.

In the process of collecting and verifying offers, key suppliers and contractors for the propulsion system,  
control, diagnostics, and facility automation were selected. A detailed construction cost estimate was prepared.  
An experienced substitute investor was chosen. **The construction time is estimated at 18 months.**

Considering the full CAPEX plus additional costs (insurance, training, certifications, inspections, management,  
customer suits and skis, staff, advertising and promotion, legal services, energy storage, author's supervision, etc.),  
**the total investment cost amounts to PLN 30 million.**





40ms

# 40ms Joint-Stock Company

## – Business and Development Plans

- Construction and launch of the first YCF Simulator in Stryków.
  - Stimulating demand by popularizing new sports disciplines, active recreation forms, and previously unavailable training opportunities for professional athletes.
- Establishing a network of at least several YCF Simulators in Poland and abroad.
  - Introducing extreme sports to the offer, leading to competition, the creation of sports clubs, and the start of league rivalries.
- Improving and developing the YCF Simulator product and the services offered through its use.
  - Developing and implementing new technical solutions – next-generation simulators – to increase attractiveness and expand the list of sports and recreational activities practiced within it.
- Expanding the offer to include, for example, aerodynamic testing of drones and gliders or training for paratrooper units.



**YOU CAN FLY®**

## Management 40ms S.A.

Tomasz **Kossowski** - President of the Board  
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tel. +48 602219273

Robert **Porada** - Member of the Supervisory Board

Scientific Support:  
dr. inż. **Leszek Wilczyński** - Management contract  
mail: leszek.s.wilczynski@gmail.com  
tel. +48 607038785

### Selected Achievements:

Three companies owned and managed by Tomasz Kossowski were included in the Forbes Diamonds 2024 and 2025 list.

### Completed Development Investments:

- Warehouse and logistics facility for DHL in Skawina – area: 1200m<sup>2</sup>
- Warehouse and office building in Częstochowa – area: 1800m<sup>2</sup>
- New office building in the center of Częstochowa – area: 1000m<sup>2</sup>



