



Luc Trullemans Meteorologist





Luc will be in charge of meteorology for our flight. Luc is a highly accomplished meteorologist with over 30 years of expertise (See achievements below). Luc will study forecast conditions prior to the flight and advise Deborah & Mike when weather conditions for the launch and en-route align.

Luc's achievements...

On May 3, 1986, he observed an unconventional cloud in the sky corresponding to the plume of the Chernobyl disaster announced by the Soviets on April 28, 1986. He then uses a weather model to try to determine the origin he places in the Kiev region.

1990: Kilimanjaro (Tanzania-Kenya). Weather router of the aeronautical team (Verstraeten) which flew for the first time in a hot air balloon over the crater of Kilimanjaro in Tanzania (December 1990).

1992: The Transatlantic with Chrysler 1. Weather router of the team (Verstraeten-Piccard) that won the first (and so far still only) transatlantic balloon race (Bangor, USA - Peque, Spain in September 1992)

1997-1999: Around the world with Breitling orbiter.

Breitling Orbiter 1 weather router (Verstraeten-Piccard, January 1997) (Château-d'Oex, Switzerland - Mediterranean)



Breitling Orbiter 2 weather router (Piccard-Verstraeten-Elson, January 1998) breaking the flight time record of the time (Château-d'Oex, Switzerland - Myanmar in 9 days)

Breitling Orbiter 3 weather router (Piccard-Jones, March 1999) that finally managed the first non-stop round-the-world balloon flight. Also holding the absolute record for the duration in flight of any aircraft combined. (Château-d'Oex, Switzerland - Dakkla, Egypt, after a full tour in 20 days and 19 hours). It was the eighteenth attempt in the world.

2000: North Pole with the Britannic. Weather router of the Britannic (May-June 2000), Rozière balloon, with on board the English mountaineer / pilot David Hempleman who, from Svalbard (Spitsbergen), flew over the ocean and the Arctic plateau in 136 hours approaching 20.6 km from the geographic North Pole in an open wicker pod before returning to the pack ice north of Spitsbergen.

The Transatlantic with Lorraine Region. Weather router of the balloon rozière Région Lorraine which ensured the first French crossing (Lajoie-Houwer) of the North Atlantic in 146 hours (September 2000)).

2001: Transatlantic record with the Maxi catamaran Playstation. Weather router of the sailboat, the catamaran Playstation with Steve Fossett as skipper, smashing the absolute record of the crossing of the Atlantic in 4 d 17 h 28 min (October 2001).

Record tour of the Isle of Wight with the Playstation. Weather router of the sailboat Playstation (Steve Fossett) breaking the absolute record of the circumnavigation of the Isle of Wight in 2 h 33 min 55 s (November 9, 2001).

Record crossing the Channel with the Playstation. Playstation weather router (Steve Fossett) breaking the absolute record for crossing the widest part of the English Channel (Cowes-Saint-Malo) in 6 h 21 min 44 s (December 10, 2001).

2002: Belgian and French distance records in hot air ballooning. Weather router of the Belgian hot air balloon (pilots: Simeons Benoit-Simonson Walter) smashing the Belgian distance record: from 280 km to 502.3 km in 9h18 (Saint-Hubert to Haut Plessis, Brittany, February 16, 2002). A second hot air balloon, piloted by the LEYS



brothers from the Lille region, flew in "tandem" with the Belgian hot air balloon and thus broke the France record on the same day with a flight of 448.4 km in 8h24.

March: Sailing record: Cowes (Isle of Wight)- Fasnet (southern Ireland)-Plymouth. Weather router of the maxi catamaran Playstation, with skipper Steve Fossett, beating by more than 5 hours the record of Loïk Peyron with Fujicolor 2 (1999) by covering the 605 nautical miles in 35 h 17 min 14 s.

June: Balloon flight around the world in the southern hemisphere. Weather router for solo flight with Rozière balloon (the Spirit of Freedom) and non-pressurized capsule around the globe (southern hemisphere: with departure and arrival in Australia) with Steve Fossett (USA).

2003 (September): Gordon Bennett Aeronautical Cup with The Little Prince. Weather router of the gas balloon Le petit Prince (Jean François and Vincent Leys who won for the third time and definitively the Gordon Bennett Cup, starting from Arc-et-Senans with new landing in the south of the Algarve.

2002-2003-2004: three successive victories in the America's Challenge. Router of Richard Abruzzo (USA) in this American championship of gas balloon, in Albuquerque.

2005 (February-May): weather routing of Maud Fontenoy which connects to the Lima train (Peru) in Tahiti (Polynesia).

September: Gordon Bennett Cup. Weather router of the gas balloon piloted by Benoit Simeons and Bob Berben who win the Gordon Bennett Cup for the first time, departing from Albuquerque with landing in Newfoundland after a record flight of 3,425 km.

2007 (July): Toshiba Transatlantic Challenge. Routing of a helium-filled balloon 1000 m over the Atlantic with David Hempleman Adams as pilot and setting a new world record for this type of balloon: 4,370 km, old record = 3,425 km.

1999-2008: Seven Gordon Bennett Cup wins. Seven wins out of nine in the routing of four different teams (F, USA, B, UK)) in the Gordon Bennett (world championship of gas balloons).



2009: Routing and security of the Earthchallenge raid. Record raid of 4 Belgian microlights from Sydney to Brussels.

2010: Routing of the French balloon flight Rozière over the Arctic Ocean. April 2010: after a take-off in Spitsbergen, a landing in Yakutia (Siberia), 121h30 flight and 3,130 km traveled, Jean-Louis Étienne succeeds in the first crossing of the Arctic Ocean in a balloon, which is also alone.

26-hour non-stop flight of the HB-SIA (Solar Impulse) prototype. Meteorological support for several test flights in Payerne (CH) and the record flight on 8 July 2011 of 26 hours over Switzerland. He also routed the first international flight of the Solar Impulse solar plane between Payerne (Switzerland) and Brussels on May 13, 2011. It was selected to route its second flight, on 11 June 2011, between Brussels and Paris-Le Bourget.

In 2013 he routed the Solar Impulse from west to east over the United States and won for the 8 times as a router the Gordon Bennett Cup with the crew France 1 with Vincent Leys and Christophe Houver as drivers.

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