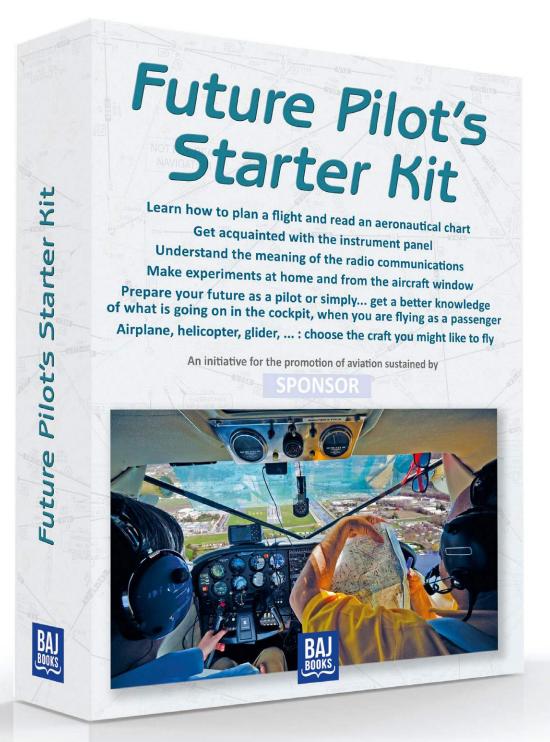
An invitation to step into the fascinating world of flying



The most comprehensive compendium of information and tools available to the aviation enthusiast and prospective pilot



The kit

This kit aims to reach those who are attracted by aviation and introduce them to this mixture of science, technology and art that is flying, without being limited to a mere theoretical presentation.

For the first time, a comprehensive information folder and a complete set of computing and plotting instruments are made available to the general public, giving anyone who is interested in flying a chance to understand and identify with the job of a pilot.

This kit is even more appealing to those who have plans in becoming a pilot. It offers an easy, pleasant and multi-level introduction to the principal topics of a flight course.

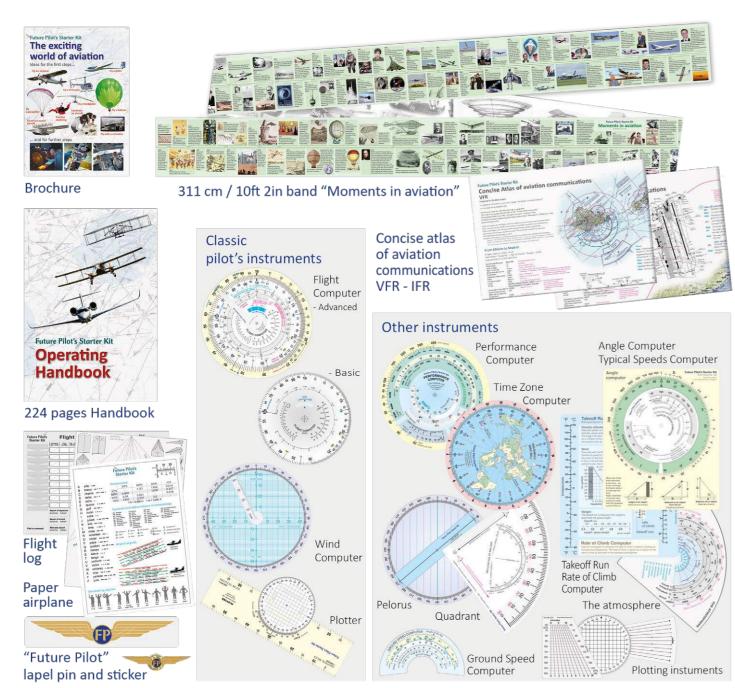
Many concepts and instruments are explained through practical examples and true stories of famous flights of the past. Not only to show how problems of navigation have not changed throughout history, but also to honor those pilots who accomplished epic acts of heroism or came up with ingenious solutions to get out of a critical situation. A task they often accomplished by relying only on their competence and courage and on some basic instruments, exactly as the ones included in this kit.

Modern aviation is based on communication. For this reason, the kit contains the Concise Atlas of Aviation Communication and a chapter in the Handbook explaining the jargon used by pilots and air traffic controllers.

The Moments in Aviation band transmits a sense of pride of becoming the heirs of a long and glorious tradition.

A Flight Log template is supplied to be photocopied and used for flight planning exercises.

The kit also includes a lapel pin and sticker with the "FP" (Future Pilot) logo, a way for every aviation enthusiast to reveal his/her passion.



The exciting world of aviation - Sample pages

20 pages 89 illustrations

This brochure illustrates all the possible ways of learning to fly. It also gives an idea on how to start a career in aviation.

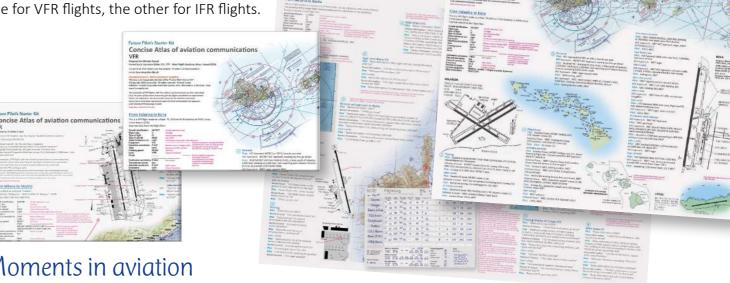
re Pilot's Starter Ki The exciting world of aviation

Contents Your first steps in aviation Fly an airplane Fly a helicopter Fly a glider Fly a hand glider or a paraglide Practice skydiving Flv a balloon Fly with a flight simulator Construct model aircraft Construct or restore an aircraft Careers in aviation Aviation organizations



Concise atlas of aviation communications

Examples of real-life radio communications in two 34 x 48 cm (13 x 19 in) sheets, one for VFR flights, the other for IFR flights.



Moments in aviation

The history of aviation in a 311 cm (10ft 2in)





Operating Handbook - Table of contents



224 pages 776 illustrations

The Handbook deals with the principal subjects of a flight course and offers additional technical and historic information about flying and the world of general aviation.

It includes instructions for the use of the instruments of the kit.

Interesting stories and curiosities are presented in 46 separate "boxes". They show the reader how vast and various is the field of aviation, through the description of many interesting adventures lived by famous pilots of the past.

A few technical themes (in red in the Table of contents) are also treated separately, in specific boxes.

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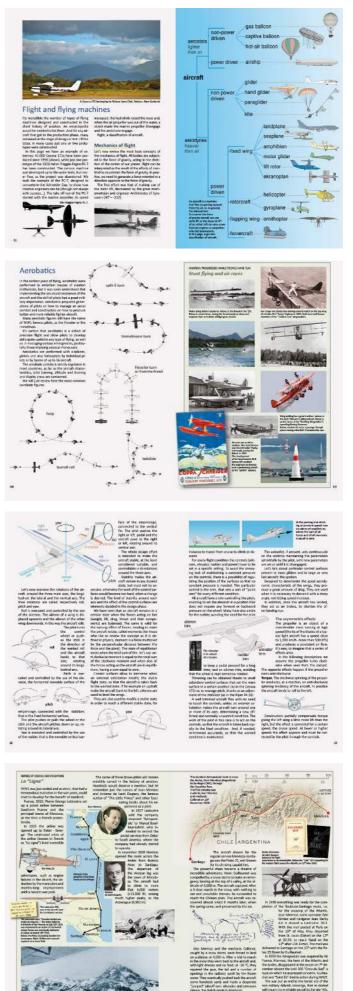
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Future Pilot's website

The kit will be supported by a website, proposing news, additional information, discussions and updates.

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The instrument panel





















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Computing and plotting instruments

A "retro", but useful

and highly educational technology

The kit includes the most classic of pilot's instruments, the Flight Computer and the Plotter, and other instruments, useful for obtaining information of interest for the pilot and making experiments.

The slide rules of the kit are "analog computing instruments". They are the product of an ancient technology, but possess excellent qualities and for this reason are still used in aviation, even in today's era of electronics and automation.

Slide rules don't need any maintenance nor a source of energy and work always and in any condition.

The data input is made through a single movement of the fingers and the answer is immediately readable. They are ideal tools on board of an aircraft. where everything has to happen quickly.

In addition, by using the slide rule, the Future Pilot plays a very active role in manipulating numbers important for planning and conducting a flight. This is why slide rules have a high educational value.

And finally... it's cool to be able to use a slide rule !

Classic pilot's instruments



It's the classical computing instrument, used by aviators of all epochs to plan a flight and make in-flight calculations. It allows to make multiplications, divisions, conversions of unit measures and computations with time. distance, speed and fuel consumption.

Flight Computer

Basic inner disc A simplified "inner disc" is supplied, to let the beginner become familiar with the instrument by steps.

Wind Computer

nents of the wind.

The data allow to

compute the wind

the ground speed.

Speed Scale

correction angle and

In the back, the Wind







Other instruments



Plotter It allows to measure angles and distances on maps and to plot routes.





Performance Computer This instruments is helpful in simulating situations of the highest importance for the safety of flight.

Climbs and descents Knowing the altitude, the speed and the rate of descent, the range can be determined Various computations can be made for climbs

Turns Knowing the speed and the angle of bank, the radius and the diameter of turn can be determined

Load factor and stall speed in turns Knowing the speed and the angle of bank, the load factor and the stall speed can be determined

Ground Speed Computer To compute the ground speed or the size of an object on the surface.

Time Zone Computer It lets you know the time at any place on the Earth, given the time in another place. It allows to compute the "Zulu Time" at any

The atmosphere The characteristics of the Standard Atmosphere are shown. The distance of the horizon is indicated in relation to the height of the observer. Angle Computer To make computations with angles. Typical Speeds Computer

For a rough compu-

tation of the typical

speeds to adopt while

flying light aircraft. **Takeoff Run** Computer **Rate of Climb** Computer tion of these parameters while

> They allow to measure angles respectively in the vertical and horizontal plane. Used with the Angle Computer, they let us make interesting experiments such as the determination of the latitude and the remote measurement of distances and the dimension of objects.

Protractor **Course Corrector** Ground Speed Meter

Realized on transparent plastic film, they are used to make measurements on maps.

The author

Cesare Baj was born in 1950 in Milan and obtained his private pilot license in 1970 at the Aero Club Como flight school, on Lake Como, Italy.

In 1980 he became involved in the management of the school, by far the most important training facility for seaplane pilots on the European continent.

Over the years, he has been appointed Ground Instructor, Head of Training, Class Rating Instructor SEP Land / SEP Sea,



member of the Board of Directors and served as president of the Club for 12 years.

During five decades of water flying he has been flying more than 30 types of seaplanes in three continents, including a few vintage seaplanes. He organized complex expeditions and opened to seaplane operations dozens of water surfaces all over Europe.

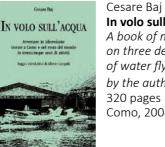
Cesare Baj is the author of several aviation books. Among which, one of the most used manuals on how to fly seaplanes : "Seaplane Operations", whose original edition is in Italian, also translated into French.

He manages the purchase of seaplanes in the USA and Canada and provides consultancy to private pi-

Books on aviation by the author



Seaplane Operations Basic and advanced techniques for floatplanes, amphibians and flying boats from around the world 448 pages, 1,420 ill. Como, 1998-2023 Other editions : in Italian and French



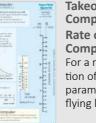
In volo sull'acqua A book of memoirs on three decades of water flying by the author 320 pages Como, 2004

A manual on how to fly Lake amphibians 450 pages, 859 ill. Como, 2004

Cesare Bai



Navigation A book and 30 instruments for those who practice orienteering sports



For a rough computaflying light aircraft.

Quadrant Pelorus

lots, operators, aviation authorities and Universities in Europe and the Far East.

He is an aviation photographer and, as a pilot, an expert in shootings for the movie and advertising industry.

He is the Field Director for Italy of the Seaplane Pilots Association and a member of the Disciplinary Commission of Aero Club d'Italia, the national federation of Italian flying clubs. He is also a member of the IFFR,

the International Fellowship of Flying Rotarians.

Ceare Baj has a parallel professional life in the editorial field. He started as a science writer and has been working for over 30 years in publishing houses as an editor and manager.

In the '80s and '90s he designed and produced dozens of scientific educational products and various kits for amateur astronomers.

It is clear from his experience both as a pilot and as a manager in the field of information and media, that Cesare Baj is on the right track to accomplish his beloved mission : promoting flying in every possible way all over the world.





I Lake dalla A alla Z

Cesare Bai Volare a Como The history of aviation in the province of Como, Italy 2 volumes - 968 pages, >1,500 ill. Como, 2010

Some of the kits designed and produced by the author





Sundials A book on how to construct sundials. It includes 28 instruments



Planetarium A special astrolabe designed upon the Rojas projection. It includes 30 sky maps



Mathematicus The aame of Mathematics A board game studied in col laboration with the Bocconi University, Milan

«If you are thinking of earning your pilot certificate, or simply interested in aviation, Cesare Baj's **Future Pilot's Starter Kit** is perhaps the most engaging body of work on the market today. It has everything: aviation history, piloting procedures, cockpit equipment, aerodynamics – and even a paper airplane. Anyone wanting a complete introduction to flying can't afford to be without it.»

> **Thomas A. Horne** "AOPA Pilot Magazine" editor-at-Large "Turbine Pilot" editor

Future Pilot's Starter Kit

Learn how to plan a flight and read an aeronautical chart Get acquainted with the instrument panel Understand the meaning of the radio communications Make experiments at home and from the aircraft window Prepare your future as a pilot or simply... get a better knowledge of what is going on in the cockpit, when you are flying as a passenger Airplane, helicopter, glider, ... : choose the craft you might like to fly

An initiative for the promotion of aviation sustained by



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