### GLYCINE AIRMAN

Play it again Sam!



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Despite reasonable efforts the copyright holder of the picture on page 66-67 could not be located.

Due to the fact that it's a unique picture I took the liberty to place it in this book. The pilot in the picture is Captain E. Coker, US Air Force, at his north Vietnam 100 times mission. Ubon air base in Thailand 1967

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a 24 hour timeline of flight

play it again Sam!

by André Stikkers

photography by Eddie Boschma

Adr. Heinen

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#### Biel 2013

60 Years have passed since the birth of the Airman No.1 in 1953. And Glycine more than ever, burns its trail by creating distinctive timepieces predicated upon the unique Glycine Airman DNA. André Stikkers is a free-lance author. With his initiative to write the first edition of this book in 2010, he took us on a trip through the history of the Glycine Watch Company. It has been a pleasure to the talk to the author personally about our work, and while making our materials and information available to him, we also learned quite a lot about ourselves and predecessors, particularly Charles Hertig as well as Hans and Katherina Brechbühler.

We wish this book a wide distribution among the steadily growing circle of Airman enthusiasts. It is noteworthy of Mr Stikkers's ceaseless passion for his subject and attentive research. For the numerous lovers of the Airman family of watches, this careful recounting of its history – from past to present – will surely become an indispensable part of their collections.

All our heartfelt thanks go to André for this book.

Stephan and Nicole Lack



New old stock Felsa 692

#### I would like to thank

Eddie Boschma for his excellent photography and incredible skill with Photoshop I couldn't have done it without you!

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#### And

Stephan and Nicole Lack for making a third print possible.



Introduction

There are 24 hours in a day, a fact willfully ignored by almost every watch on earth. Making a watch showing all 24 hours instead of 12 is therefore a daring operation. To make a model that has already lasted sixty years is an extraordinary achievement. This book tries to unravel the flight path of the Glycine Airman through all 24-hour time zones. While traveling through time we see the Airman change shape, engines and captains to finally get back at its starting point to begin a mesmerizing new era. Never in the history of this particular model we have seen so much innovation and public response.

This book is an ode to the Airman Watch and this third edition is in memory of Samuel W. Glur.

André Stikkers



Today the stately villa at the rue Frédéric-Ingold 5 in Biel Switzerland once again is the residence of part of the Glycine Watch company. The place is still suffused with the grandeur of the old watch age. The glycine (wisteria) is growing against its wall and the green GLYCINE-ALTUS markings are still against the façade. These words in themselves represent the first of many misty historical facts. Two watch companies, Montres Altus S.A. and Manufacture D'Horlogerie Glycine S.A. merged around 1960. Why the name Altus was dropped to become a model name for a Glycine watch remains unclear.

In the 1920s, watches for the world's rich and famous were made in this villa. During its early history Glycine became famous for its small movements in priceless ladies watches. Around 1931 Meylan, founder of Glycine in 1914, presented the world with a well functioning self-winding watch of his own invention. Together with his officially tested and past chronometer it was not enough to keep the depression from the door. Glycine, however, survived and was one of the few participants of the Basel Fair in 1938. Charles Hertig Sr., owner of Glycine since 1953, made the company world famous with the Glycine Airman pilot watch that was launched in the same year.

In 1984 Hans Brechbühler took over the company from Charles Hertig Jr.. Hans's daughter Katherina teamed up with her father in 1992. This combination had the right ingredients to relaunch the mechanical watch and ultimately the Airman in 1998.

In 2011 Katherina handed the company over to its new owner the Altus Uhren Holding AG. Stephan Lack took over as CEO of Glycine Watch SA.



14

Glycine building around 1990



design and construction



workplace around 1920



Glycine 16 movement



Meylan automatic movement







old Basel Fair ad

First Generation



## GLYCINE - Airman



GLYCINE - The Chief

FOR THE NAVY

Lieber Kari!

Du wirst aus den Zeitunger gesehen haben dass Calcutta momentan einen politischen Tumult mitmacht.

This five page letter, written on airmail paper in 1953 marks the birth of the Glycine Airman.

The letter was signed: Hope to see you soon Dein Freund Sam.

Sam is short for Samuel W. Glur and the letter was addressed to Charles Hertig Sr. who took over Glycine in 1953. Samuel was already his most important staff member of the Altus Company. They had worked together for many years and formed an inseparable team. To control business traveling was essential in those days. The political tumult during his stay in Calcutta gave Samuel time to write a long letter to Charles in Biel. In it we find a detailed report on price development in the Far East. Market opportunities enriched with day-to-day life stories during the fifties. No Internet or ATM machines. No quartz watches either! The world was a big place but started to get smaller. On page 3 of Sam's letter he describes his meeting with chief-pilot Chat Brown during a flight from Bangkok to Calcutta.

This is a translation of an important part of his letter:

"During most of my journey from Bangkok to Calcutta I was seated at the place of the first Officer, next to the commander in a DC 4 from Thai Airways. The captain explained to me in detail what kind of watch pilots from all nations would actually need. According to him this watch is not on the market.

The specifics are:

Waterproof - Automatic - Calendar (CS F694 21jwls)

24-hour dial

Hour hand 1 x 360° revolution 24 Hour

Minute hand 1 x 360° revolution in 60 Min

Sweep second 1 x 360° revolution in 60 Sec

Outer dial, a rotating bezel with 24-hour division

More and more Greenwich Mean Time had become the standard flight time,



#### **OUTSTANDING FEATURES**

Highest precision twenty-three jewel movement

Automatic, selfwinding 380°

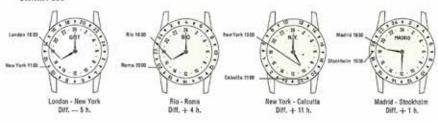
Unbreakable Mainsprin Shock-proof Incabloc Waterproof Hoavy stainless steel, rustproof case

Automatic Calendar Luminous hands and figures Patents pending

Guaranteed and serviced by the Glycine Watch Co.

Outer dial also available with 1-12a.m., 1-12p.m. numerals instead of 0-24 numerals

#### EXAMPLES



restored inside of manual 1953 white Airman

notice top right text: "outer dial also available with with 1–12 AM and 1–12 PM numerals instead of 0–24 numerals" page 16–17 shows the restored frontside of this extremly rare manual

Initially, the Glycine-AIRMAN was designed for
Air Lines Pilots who need schedule time (normally
Greenwich Mean Time), and local time, during
their professional activity. This watch meets however also with great success amongst business
and government executives during their numerous
trips, as it gives them their office time as well as
the time of their location. Seagoing people use it
even more frequently. It's operation is very simple
and the quality, described on next page, of highest
precision. It is the dual purpose 24 hour watch of
our modern time.



giving the pilot access to both time zones (GMT + Local time). "The Tissot Navigator is absolutely not the right watch for the job" explained chief pilot Chat Brown.

I believe we can build this watch without extra costs and sell it to Airline Companies that issue standard watches to their pilots. Think about it. "

"The team of designers in cooperation with civil and military pilots", a sentence Glycine always mentions in their history, suddenly comes to life in this letter!

After Samuel returned from his trip to the Far East, Glycine's first 24-hour watch was developed and launched in the USA. In the 1950s a new model was developed and presented within four months. At first there was only the white version with pencil hands and the PM/AM model. It was a success in the USA and further feedback provided the necessary adjustments to turn it into a world hit. It is most likely that around 1955 the black version with the famous arrow hand was presented in Basel. Rolex launched one of the first GMT watches with two hour hands in 1954. Glycine therefore was a trendsetter in the field of pilot watches. The Airman could display two time zones with just one hour hand and was therefore easily manufactured without extra costs for the consumer.

This background gives us a better understanding as to why this small watch, displaying only 24 hours, was sold in many tens of thousands in a 12 hour dominated watch world. It was the world getting smaller. The civil airlines and their growing number of passengers demanded a modern watch that was equipped with:

- -black 24-hour dial with luminous hands and markings for clear visibility
- -rotating bezel for setting a second time zone
- -hack second to synchronize time
- -date display
- -arrow hour hand
- -automatic movement
- -waterproof

In the twenty-five years that Airman Model 1 was in production, we can easily identify eighteen different models. Not mentioned in the following overview is the prototype and the black version of Airman PM/AM. I'm not hundred percent sure they are genuine (page 61).



#### Equipped with the 692 from 1953-1960 with red date:

- -Airman PM/AM noon model with even 0-24 numerals on bezel
- -Airman PM/AM noon model with even 2-12 and uneven 1-11 no. on bezel
- -Black Airman with pencil hour hand and even 0-24 numerals on bezel
- -White Airman with pencil hour hand and even 0-24 numerals on bezel
- -White Airman with pencil hour hand and 1-12 AM, 1-12 PM no. on bezel
- -Champagne Airman with pencil hour hand
- -Chief Türler with pencil hour hand
- -White Airman with arrow hour hand and triangle markings at 24 and 12
- -Champagne Airman with arrow hour hand and triangle markings at 24 and 12
- -Black Airman with arrow hour hand and triangle markings at 24 and 12
- -Airman special with triangle markings and dots
- -Airman special with 12 on top with black date
- -Airman AOPA

Most of these early models have small recessed dots in the bezel at the even hour numbers, as do the Models 5, 6, 8, 9, 10, 11, 22 and 26 from the fifth / sixth generation.

#### Equipped with the A. Schild 1700 / 1701 from 1960-1967 black date and dial:

- -Airman without triangle markings and dots
- -Airman special without triangle markings and dots
- -Airman Rotary
- -Airman with Glycine logo
- -Airman special with Glycine logo

#### Equipped with the A. Schild 1903, 2063 and 2163 from 1967–1978 black date and dial:

- -Airman with Glycine logo
- -Airman special with Glycine logo

Except for the late 1953 to the early 1955 models all the Airman of the first and second generation have the unique tiny hairspring that pops up at the 24 hour position when pulling the crown. This allows the second hand to come to a complete stop for precise time setting, i.e. hack (page 25 and 29). The model with an A. Schild 2163 has a modern second stop built into the movement.



pm/am noon

white with small hands







black with logo

The early Airman had two pencil shaped hands. The minute hand on these early models was equipped with a long tail. For a long time we thought that this tail had no apparent function. Vintage Airman specialist Bill Shaine from Massachusetts recently found a very rare early manual that clearly describes its purpose:

"The other feature is the long tailend to the minute hand. This facilitates lecture of local time where the difference between G.M.T. and local time is not a full number of hours. This applies to Bombay, Burma, Curação, Iran, Uruguay, Venezuela, and Island of Newfoundland."

In the course of time some of those locations adopted the full hour except Iran, India, Afghanistan, Nepal, Sri Lanka, Burma, mid Australia and Newfoundland.

Around 1955 the pencil hour hand got its characteristic arrow. The long tail switched hands and nowadays points to the opposite hour in the 24-hour scale and therefore functions as a mnemonic for those who still have to get used to the 24-hour scale. For a long period of time the famous hatched crown was the Airman's main crown. Probably Glycine started to use this crown around the time the Airman was equipped with the A. Schild 1701. Around 1965 the screwed back was replaced by the better, water resistant, pushdown back. This upgrade made the watch even more interesting for pilots and military servicemen. It became immensely popular among U.S. Air Force personnel. The Vietnam War was at its peak and in addition to USAF personnel, the ground troops started to wear the Airman instead of their standard issue watch. Around 1965 an Airman costed one hundred dollars and was sold with a Fixo-Flex expansion bracelet.

In 1964 Charles Hertig Jr. opened a sales and service center in the USA to offer movement-replacement and servicing for Glycine watches. In the same year Charles Sr. started up business with Zale's Company marketing Glycine watches in their non Zale outlets throughout the USA. Charles Jr. returned to Switzerland in 1965 after the death of his father. Werner Siegrist, who started to work for the Glycine Company in 1967, moved to the USA in the same year to offer better service to this growing American market. In 1968 he became manager of the Glycine Sales and Service center and thus played an important role in the success of the Glycine Airman in the USA.







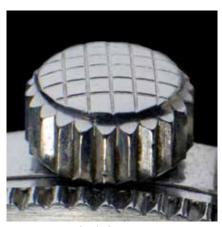
pushdown back



Felsa 692



A. Schild



hatched crown



hackmechanism



The great success of the Airman motivated Glycine to launch a second model in their bestselling Airman range. Charles Hertigs Sr.'s sudden death in 1965 had forced Samuel Glur to take his friends place as head of Glycine. The second generation Airman was most likely developed under his management.

#### The Airman SST

The year is 1967 and it was only six years previously that John F. Kennedy announced his support for "landing a man on the Moon and returning him safely to the Earth". It also marks an era of new technology and design that we see reflected in the way the watches were shaped and equipped.

SST stands for Supersonic Transport and we are led to believe that the mesmerizing engraving on the back of this new Airman model is a Boeing 2707. This ambitious project was canceled in 1971 before a prototype had been completed. The airplane on the Airman SST manual (page 26–27) however depicts a Concorde. Looking at all the pictures of Supersonic transports one is unable to determine which plane really was the inspiration source for this extraordinary back. It might well have been the Tupolev Tu–144. The Concorde and the Tupolev both had their first flight in 1968 and were hot news items during 1967.

One thing is certain. USAF pilots have put their marks on this watch. History tells us that pilots were consulted during the development of the Airman 1. The overwhelming success of the Airman under USAF personnel surely provided enough feedback material to use for developing a new model.

#### Characteristics that suggest this:

- -Dial is divided into a grey right side 24-12 AM and a black left side 12-24 PM, a division mainly used in Anglo-Saxon countries
- -The nickname pumpkin
- -The alleged Boeing 2707 on the backside

Although the Airman SST was a success it never surpassed its predecessor.

#### There are some factors to consider:

- -The Airman was still in production and with its immense popularity the Airman SST had a hard time competing with this classic watch.
- -The first digital watch was presented in 1970 and by 1975 mass production of LED watches in a plastic case reduced the price of a watch to less than ten dollars.



backside Airman SST



Airman SST



backside Airman SST



hackmechanism



Glycine Sport



Glycine GMT chronograph

By this time the traditional watch industries started to lose solid ground and fewer mechanical watches were sold. Traces of this radical event can still be found on the vintage watch market. Because of the stagnation of sales, cases produced for the Airman SST were used for a more mainstream watch with a 12-hour time display like the Glycine Sport.

The Airman SST was in production from 1967 until 1978 and was equipped with the following movements:

1967-1971 A. Schild 1903, 25 jewels

1971-1974 A. Schild 2063, 25 jewels

1974-1978 A. Schild 2163, 25 jewels

#### Airman SST chronograph 1968

In 1968 Glycine launched their first Airman chronograph, the famous Airman SST chronograph. When you find one for sale nowadays, the description will always state that this is an exquisite and rare watch. Each year the price goes up for this scarce and vintage timepiece. Some one hundred pieces of this hand wound chronograph were made and probably not even sold. This Airman came with its own manual and a traditional wooden Airman box. The original manual of this chronograph has yet to surface. Most likely it will look like the blue SST manual. The movement is a Valjoux 72. They all have model reference 399. 2119 but some also have a serial number. Due to the fact that the archives of Glycine were partly lost during a flooding no exact information is available, which only adds to its charisma. Its rare, mysterious, basic and clean design turned it into one of the most wanted vintage Airman watches. Recently Glycine obtained an SST chronograph for their own collection.

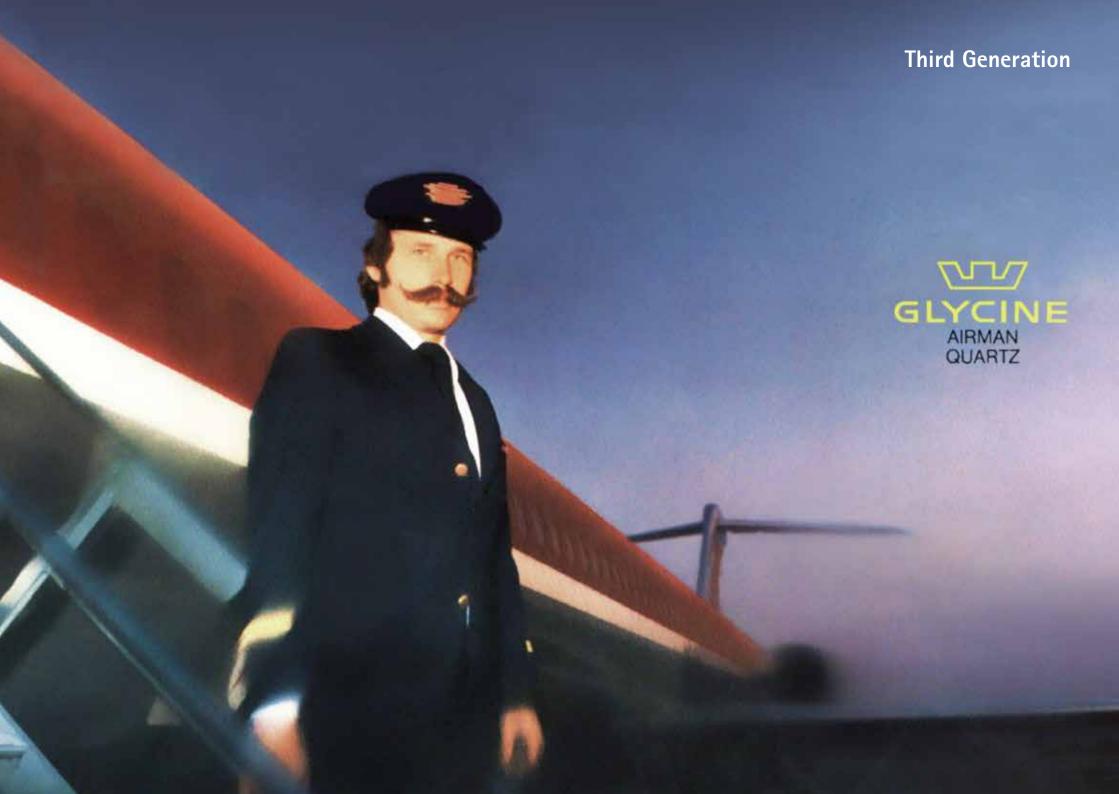
What was it that made this great looking watch so unsuccessful? There was, of course, the upcoming digital watch, but this is no reason for selling so badly. More important is the year 1969. Heuer, Zenith and Breitling all came out with their automatic chronographs with date display. They provided the new technology that we all longed for! As with the Airman SST the cases of the chronograph were used to make some mainstream GMT chronographs. In 2011 Glycine launched a replica of the SST chronograph (page 149).

GLYCINE

The sweep-second hand on the Airman SST chronograph at page 89 is not original.

30 31

Airman SST chronograph



In a way, the watch industry was one of the first commercial businesses to be "digitized". We now know that what once looked like a solid industry was wiped away by new technologies like quartz and LCD. Overnight a whole industry seemed to be lost forever. Glycine could not escape this fate.

Charles Jr. succeeded Samuel W. Glur, who died in 1974.

During this period many great manufacturers where pushed to the edge and some did not survive this unexpected global event and fell into bankruptcy.

The Airman quartz was launched in 1978 and it marks the end of the mechanical first and second generation Airman watches. For over twenty-five years tens of thousands fine mechanical Airman watches had been sold. When finding an old Airman in the dresser drawer of one's father, nine times out of ten it will start to run when shaken and keep excellent time. There is hardly any negative feedback to be found on these excellent watches and their quality extends well into the twenty-first century. The Glycine brand, and especially the Airman, was rock solid and it kept the Glycine Company afloat during these turbulent times.

Looking back in time one could easily dismiss this first quartz Airman. This great timepiece however is part of the unbroken chain of Airman watches that runs up until today. Besides that, this first quartz model has great looks, it also owns a sharper number typeface that is used again on some Airman Special models of the fifth generation (page 37). Thousand of this first model were made and sold and by the time they were out of stock Glycine was not willing to produce more. The American market however demanded their Airman and therefore a license agreement was granted to Werner Siegrist from the Glycine Sales and Service center in the USA. Under the name Glycine Airman GMT 2000 Werner produced one thousand pieces. After this another eight hundred were produced under the name Glycine GMT 2000 (page 36).

Werner who managed the Glycine Sales and Service center from 1968 to 1972 bought the center in 1973 and thus became the sole distributor of the Airman watches for North and South America. In 1991 he changed the name to Falcon Watch Co. Werner played an important role in the history of the Airman. In 2012 he retired from the watch business after working with Glycine Airman watches for over forty-four years. For this he earned the nickname Mr. Airman. When he was retiring, he had helicopter pilot and customer Dennis Smith find him a young watchmaker starting out on his career. Werner donated his watch making tools to that man free of charge. A true gentleman who cares about and has a passion for his profession.



Airman Quartz

#### **AIRMAN GMT 2000 1989**

#### MOVEMENT

Caliber ETA 955.422 quartz movement
Function 24 Hours, minutes, seconds and date

 Size
 10½"

 Jewels
 7 jewels

 Hz
 32'768

Anti-magnetic

#### CASE, DIAL

Material stainless steel, bicolor
Diameter 36 mm without crown

Height 7 mm
Finish satin
Waterproof 10 atm
Back press-on
Glass mineral flat
Dial black

Hands white with lume

Crown **pull** 

#### **BRACELET**

Material stainless steel, bicolor

Finish satin

Width 19 mm horns

limited edition 500 pieces steel, 500 pieces bicolor limited edition 800 pieces as GMT 2000 (picture)



#### Airman Typeface

Around 1955 Glycine started to use the famous Airman typeface (left column). In 1978 a new style was developed for the Airman 3. This variation is also used on the Airman Special and Special II of the fifth generation (right column).

12	21
34	43
56	65
78	87
90	09



# GLYCINE

SWISS



In the ten years that Charles Jr. was head of Glycine he had to overcome many challenges. During this time he also met Hans Brechbühler and did some business with him. Around 1984 he requested Hans to take over Glycine. By doing so he passed on the Airman legacy into the competent hands of Hans Brechbühler, a legacy one can be proud of. Together with his father and Sam Glur they had put three generations of Airman watches on the market. Their popularity was immense and because of this a fourth, fifth and sixth generation were able to emerge. Hans's own Watch Company, Belinda, was specialized in private labeling.

In the beginning the Belinda Company kept Glycine afloat. Slowly, Glycine came back by making some excellent high quality quartz watches like the strong Tjalk and high-grade gold plated watch line called Goldshield. In doing so they could compete with the cheap quartz watches from the Far East. Around 1989 Hans started to develop the fourth generation Airman, on request from the Japanese market. This Airman got complete new looks. We recognize the characteristic second crown for setting the time zone but overall this was a complete new concept.

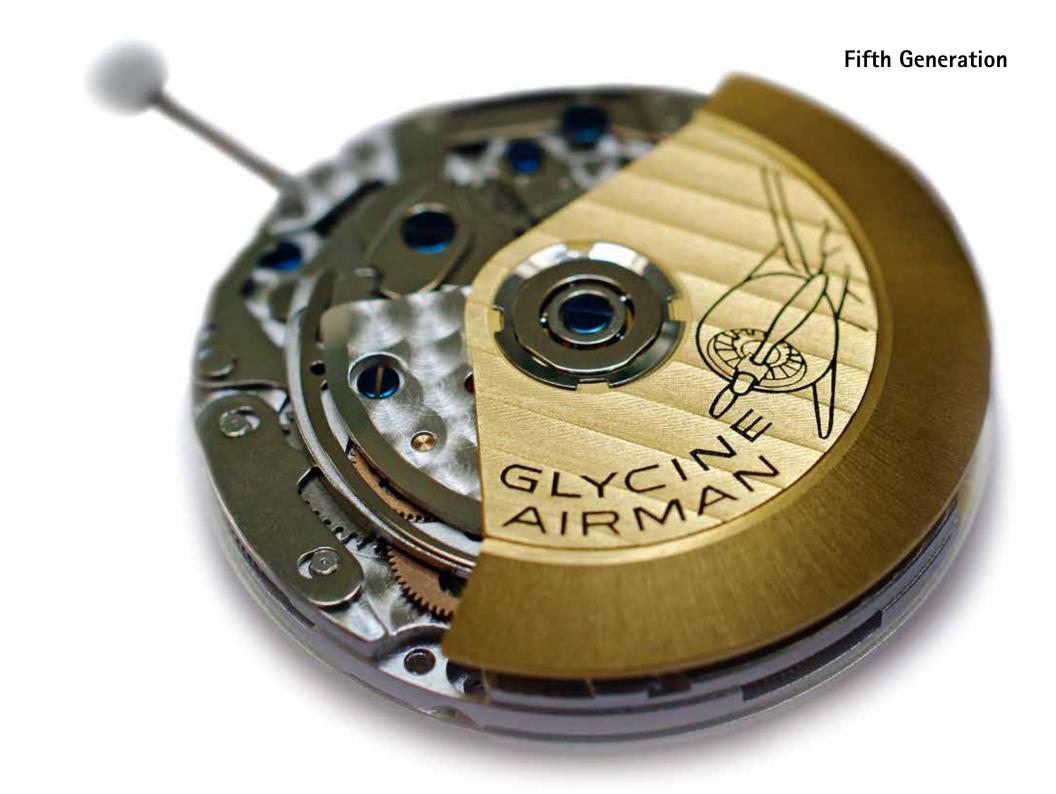
The following text is taken from the original Glycine Airman 24 hour world time watch brochure (page 38–39).

"In 1953 already, Glycine started production of the first Airman model, a watch that has become legendary. Design and features of this watch had been worked out in close co-operation with pilots of civil and military aviation. To start with, a self-winding movement was used; since the seventies the Airman was equipped with a quartz movement. Through all these years, this watch developed into a bestseller; tens of thousands of these timekeepers could be found on the wrists of people all around the world. This watch is not only a favorite with pilots but also with a great many travelers who are jetting from continent to continent.

The flat and elegant steel case of best Swiss quality carries a revolving notched bezel on which the names of twenty-two cities from all over the world are engraved. The Swiss ETA movement of special construction offers date with rapid corrector and stop second mechanism for easy adjustment to official time signal; the hour hand will –contrarily to an ordinary watch– make only one turn of the dial in 24 hours. In combination with the two-tone dial (light and dark), day and night rhythm is clearly reproduced.

Owing to the particular construction of this Airman, the revolving outer and inner bezels allow for an instant coordination and reading of the world times in comparison with local time, without any further calculations. For this reason, Glycine Airman deserves to be called a 24 hours world time watch."





In 1998, after an absence of twenty years, the mechanical Airman re-entered the market as a GMT watch. This was the result of a new strategy planned by Hans Brechbühler and his daughter Katherina, who joined Glycine in the early nineties. Katherina started to develop mechanical watches for Glycine and had her first success in Germany in 1995 with the Glycine Mechanik. In this success we now recognize a turning point for the mechanical watch industry.

Katherina entered her father's business at the right time and with some great ideas. The first and probably the most significant one was branding. Glycine was a name and a concept that had survived many crises. Her father had guided Glycine safely into a new era thanks to the combination of private labeling and old school style business. The comeback of a mechanical watch line in 1995 awoke the sleeping giant. It was time to fully focus on the brand Glycine. On paper the Belinda and Glycine Company merged in 2002. The strategy had proven itself right with various new Glycine models like the Airman 2000 in 1998 and the KMU 48 in 1999. A complete breakthrough and a staggering new concept was launched in 2002 and marks the big revolution in the history of Glycine.

The build-up had been in plain sight but nobody really expected the 53 mm watch size, not even after a 48 mm KMU and a 52 mm F-104. Only 1 mm larger, the Airman 7 had a great impact when introduced in Basel. It was also one of the first wristwatches to have three separate self-winding movements. Glycine had become a trendsetting watch company only fifteen years after it had almost come to a halt. The unshaken determination with which Katherina held on to her dream has launched an Airman era that is unequalled in the model's history. The name of the first new Airman was a hint that Katherina was planning for the future. Airman 2000, and together with its big brother Airman 46, paved the way into the twenty-first century.

The new Airman 2000 was received with open arms and already has the status of the old Airman 1. This Airman was however not a 24-hour watch like the original Airman. At that time Glycine didn't envision a market for a purist 24-hour watch. The public demand for such a purist 24-hour Airman was however bigger than expected. Within six months a purist version was made available for the public. The market for 24-hour watches is very small. Probably only ten percent of all Airman watches from the fifth generation are purist.

The next Airman model showed some more old characteristics. It came equipped with the famous second crown for locking the bezel.



Airman 2000

From the start this Airman 46 was made available as a GMT and purist version. The size of the watch is spectacular as stated before and the next model Airman 7 blew us away.

Still for old-fashioned aficionados there was something missing. The original Airman had a 36 mm size, almost 20 mm smaller than this Airman 7. It was time for an old-fashioned sized watch.

#### The announcement by Glycine was perfectly phrased:

"Born in 1953 to be a world success, the Airman 36 mm is re-launched in 2002 to meet the increasing demand for this legendary classic".

In these words we also recognize the successful strategy of Katherina and Hans: Listen to the people. The consumer is the most important link in the process. Without the consumer there is no reason for existence. This strategy believes and invests in its own product. This process is linked to the growing success of the company and reflects upon the development of the watches. Starting with Airman 9 the rotor of the movement is beautifully engraved with an airplane (page 42–43). This enrichment of the model had a follow up in models to come. Models with a seethrough back manufactured in 2005 and after are all equipped with an engraved rotor. The first limited edition was launched in 2004 and was dressed up with a self-luminescent superluminova dial to be able to wear its name with dignity: "Mauna Loa Volcano", a volcano on Hawaii.

Around 2004 the rising star Glycine with its most famous Airman had a dubious offspring. The Fake Airman. It came hand in hand with the model that took away the breath of many collectors.

Although a big size Airman, it was a true homage to his forefather, the Airman Special. This Airman 11 was a collector's item from day one, as was the Airman Vintage V that followed in its footsteps. This model 12 is in many ways the perfect copy of the old Airman from the sixties. Both 11 and 12 were only available as limited purist 24-hour edition.

In 2005 there were two very special limited editions. Glycine entered the golden era with their "a legend goes gold" and "Diamonds are forever" versions of the Airman 7. Glycine could finally reintroduce the famous but more expensive old style Airman hands. The Vintage V was the first fifth generation Airman with 12 on top and was sold out in a matter of days. It marks the beginning of the new design with old style characteristics. This new style is perfectly executed in Airman 13 and 14.





Airman 7

Airman 8



Airman Special

D COLUMN TO THE STATE OF THE ST

Airman Vintage V

1 to 1 impression

The Airman SST 06, although some 3 mm larger, is a true copy of the Airman SST. With its wonderfully executed engraving on the back it truly pays respect to the old days (page 172). Its brother, the Airman D24, is a remarkable piece of new technology. The ETA 2x24 2893–2 is the first 2 x 24 hour movement Glycine used. This movement can equip a watch with two 24-hour hands, which makes it possible to display four time zones simultaneously. A novelty in those days.

We mark 2006. A total of twelve new Airman models were produced since 1998. After the Airman Crosswise, which is a looking-glass image of the Airman 7, Glycine came with the new Airman 7 Plaza Mayor. Named after the symmetrical rectangular square in the center of Madrid. Again a trendsetting design in a booming big size watch market.

Time for a "ordinary looking" Airman. Airman 8, 46 and 2000 had been taken out of production in 2006 in preparation of their successors the Airman 17 and 18. The Airman 17 is the first Airman to be equipped with the ETA A07.171 automatic movement. With a growing market for big watches ETA developed a movement that fits these big cases. Both Airman 17 and 18 are equipped with a ratchet spacer system with a newly developed locking mechanism. Through feedback and research both models challenge the high standard we demand from our watches today.

The limited Special and Vintage V were sold out in matter of days. The next Airman probably earns the status to be the fastest sold out watch in the complete collection. With its new old style hands and standard 42 mm size this Airman Special II became a must-have for many collectors. But there was more in 2008.

The Airman 7 and Airman 7 Plaza Mayor came in a Titanium DLC version and the second Airman chronograph, the Chrono 08 was launched. If we draw up the balance and count each new model produced since 1998 a total of twenty-one new models are accounted for.

Time to celebrate in 2009. Despite a worldwide depression two of the most beautiful fifth generation Airman watches I have ever seen were produced.

The Airman 7 Titanium DLC Golden Rim with a limited edition of ten pieces is a true masterpiece, combining materials such as titanium DLC coating and gold. The see-through glass on the back of this Airman 7 reveals the golden rotors from the three separate movements.

Although this Airman 7 is a crown on ten years fifth generation Airman Watches the Airman Double 24 09 (page 51) is the most powerful Airman I ever saw.



Airman D 24

Airman SST 06



70 / 100 00 00

Airman Special II

Airman Chrono 08

1 to 1 impression

This D 24 09 is the second Airman equipped with an ETA 2x24 2893-2 movement. The Airman Base 22 (page 10) was launched at the Basel World 2010. This model is as basic as the Airman 1 from 1953. Base 22 represents the basic values of the past equipped with the best of today. As on the Airman D 24 09 the minute hand is made slightly wider which improves the general glance of this Airman.

The hatched crown is as mesmerizing on the old Airman as it is on this model! Base stands for Airbase or military Airfield. Airman Base 22 GA is a special edition with jumping hour setting on the main hand and was developed in association with a young pilot named **Greq As**chwanden.

The Airman F 104 Régulateur presented in 2010 is a merge between the two famous Glycine pilot watches.

In 2010 Hans Brechbühler died at the age of eighty-two.

We commemorate a man that believed in the Swiss Watch industry and by doing so played a decisive role in regaining its position worldwide. Without his efforts the iconic Airman watch may have been consigned to history.

Katherina with her firm belief in branding and mechanical watches saw this as an opportunity and launched the fifth generation. She has produced some twenty Airman models over the last thirteen years with an equal number of variations. The Airman once again proved its iconic status and the Glycine brand was put back in its rightful place.

When the crisis of 2008 hit the market it also affected Glycine and loss of turnover in 2009 was considerable. As a true captain Katherina guided Glycine successfully through this crisis. We did not even feel the turbulence. We only saw the great new models and cheered at the presentation of Airman 24 in 2011. The mysterious and legendary Airman SST chronograph. We didn't know that it would become the concluding piece of the fifth generation. After nineteen years as head of Glycine Katherina announced that the one hundred percent Swiss-owned company Altus Uhren Holding AG, would take over the long-established watch making company Glycine Watch SA.

With mixed feelings we say our goodbyes to the grand lady of the Airman watch. We rest assured with the knowledge that Katherina's incredible Airman legacy is left in the capable and loving hands of Stephan and Nicole Lack. The company remains managed by a family with warm feelings towards the Glycine tradition.





Stephan Lack chairman of the board of directors and majority shareholder of Altus Uhren Holding AG became the new CEO of Glycine Watch SA in June 2011. The companies name is derived from the old company Montres Altus S.A. that was owned by Charles Hertig Sr. and the Glycine watch model Altus also introduced by Hertig. The choice of this name reflects the respect and admiration for the spectacular and grand Glycine Altus history. Stephan already displayed a vibrant approach to this Glycine inheritance by launching five exceptional Airman models in 2012. Stephan introduces gold on the original Airman bezel at model 17 and 18 with startling results. He presented different shades of grey in the Base 22 Mystery and he finished and launched the SST12 a model already on Katherina's drawing board.

But the best was yet to come. Some sixty years after Sam Glur scribbled down the specifics for this iconic watch, while seated next to chief-pilot Chat Brown in a DC 4 from Thai Airways, Glycine announced the Airman Vintage 1953 to commemorate this moment in history.

#### Again the announcement by Glycine was perfectly phrased:

"Time is precious and Glycine has succeeded in packaging it exquisitely".

In more than one way this statement was justified. The Vintage 1953 came in what looked like the original sturdy Birchwood Service-Pak box. The Vintage 1953 design was inspired by the legendary watch from 1953, packed in technology from today. This project brings us closer to the origin of the Airman watch than we ever been before. A promising prospect for years to come! The sixth generation has taken off with an experienced pilot and crew.

During Baselworld 2013 Glycine presented there "Play it again Sam!" trilogy to celebrate the 60th birthday of the Airman watch by rightfully putting the spotlight on the one person that was responsible for this model, Sam Glur. A wooden box that holds an incredible set of new Airman N°1 models, equipped with a NOS Felsa 692. The three watches look as if they had traveled through time from 1953. Gold, silver and bronze would have been statement enough but no, Stephan choose yellow, white and red gold to represent there status in Glycines history. Breathtaking and a great example of craftsmanship. Glycine's new designer Micla Leuenberger at her best. An other example of this excellent craftsmanship is the extraordinary and daring use of materials on the also newly presented Airman 17 and 18 Sphair. A combination of rubber and steel on the bezel and crown of this model named after the pilot and parachute training platform Sphair for the Swiss Air Force.



Airman 17 Sphair

Airman Vintage 1953



Airman Airfighter

1 to 1 impression

Airman Seven

In the past ten years Stephan successfully built up a distribution of well-known Swiss watch brands throughout China, Southeast Asia and Japan and has a great deal of experience in product development and brand management. In the first years as owner of Glycine Stephan opened new markets, which required a new strategy and quality leap that brought about a radical new approach.

Glycine started to finish and decorate there movements in a matter that was consistent with the Glycine standard. They even started to build there own bridges and other parts to achieve a stronger Glycine identity. The ETA 2893-2 automatic movement, that was the heart of most Airman watches since it was reintroduced as mechanical watch back in 1998, became the GL 293 Swiss automatic movement. Renewal and regeneration are always part of transition and the new Glycine team already showed that they are up for the task.

Basel 2014 was the stage for some more stunning new models that fit this description. First the Airman Base 22 Luminious. We had already seen a glimpse of this model in 2011 when MLV dials were fitted in the case of the Airman Base 22 to become a limited edition for the US market. The next Airman can be considered the revolution of the 6th generation. Maybe as bold as the Airman 7 was for the 5th. Something completely different. The Airman Airfighter with its new designed bezel gifs the Airman a fresh new look and the skeleton Airman hands leaves the dial some more room to flourish. Splendid combination. Clean and sharp and more importantly for a chronograph, easy to read.

Next in line is the Airman Seven. The 7 in itself was a revolutionary design and with this new edition the concept is lifted to the next level. By putting the 2 sub dials on the main dial and reducing the size by 7mm it suddenly becomes a classy dress watch. The dial has a great swirling design as if time is spinning but under control. And last but not least the Airman N°1. Relaunching the Airman in 1998 was the first step towards a remake of the old Airman model. The Airman 8 brought us one step closer. The Vintage V was a great tribute to the old style. "Play it again Sam" box set gave us back the old Airman but out of reach for the general public. Now in 2014 this gentle giant takes it's rightful place in the Airman collection. It's as elegant as ever and has all the characteristics of his grandfather.

Nowadays it even comes with the sturdy wooden box from forgotten times. Over the years almost all secrets of the Airman have surfaced and still the story goes on!







Over the years the Airman kept surprising us. When the first edition of this book was printed I thought we had the full list. Alas, before the ink had dried an exceptional old and rare Airman surfaced. I found it on a big Internet market and placed a small bid. Surprisingly, I won the auction. Later I realized that most Airman collectors dismissed this watch as a "Franken watch". It was the Black Airman with pencil hands. The first I ever saw in fifteen years and up to now the only one. Within a month I was contacted by Bill Shaine who announced that he had found a Glycine Chief Türler (page 77). This extraordinary "Airman" was produced between 1953 and 1954 for the Türler jeweler store in Zurich. The pink manual on pages 16–17 suddenly made sense, Chief for Navy and Airman for Air Force. So technically speaking, the Chief is not an Airman. The Chief and the SST chronograph are the only two Airman models without the name Airman on the dial (Glycine GMT 2000 which also has no Airman on the dial is produced under license agreement by Werner Siegrist).

Also viewed with disbelief was the Airman PM/AM with even and uneven bezel numbers until it became clear from the early pink manual that this variant was indeed available arround 1953–1954. Three well-known rare Airman watches are the Special with twelve on top and the Airman issued in association with AOPA and Rotary.

Some rare finds still need to be looked at with skepticism. Among them the black PM/AM. Although the case and bezel look real the dauphine hands are replacements and the dial shows DM/AM instead of PM/DM (page 61).

We also would like to have a closer look at the dial on what we think to be a Prototype Airman. This model with different typeface and no Airman on the dial has the right hands, case and bezel but is it the original dial or repainted (page 61)? For an Airman to be rare it doesn't necessarily mean it has to be vintage.

The project to relaunch the PM/AM Airman on the initiative of Geert Tibosch from the Dutch DZVL watch forum produced a very rare Airman. The prototype from 2011 was equipped with the original looking dauphine hands and displays a three instead of a six on the 24-hour dial (page 61). The watch eventually was marketed as the Airman Vintage 1953.

For the observant collector there is the Airman 2000 from 1998 with the original see-through mineral glass but equipped with the new engraved oscillating weight that became fashionable in 2004. Will more rare models surface? I am pretty sure they will.



Airman PM AM even/uneven bezel



Prototype Airman



backside Airman 2000



Airman DM AM



Black Airman with small hands



Prototype Airman Vintage 1953

## Fake Airman big and flat hands extended second hand crowns wrong fonts cylinder too long hands all text on dial in the same size font color paint drops upside down 40

Kurt from Denmark was the first to contact me in 2004 regarding a fake Aiman. At first I rejected the idea of a fake Airman. Faking an Airman? Why bother! After studying the various pictures I collected over the last ten years I came to the conclusion something was wrong. It was time to contact the expert Werner Siegrist in the USA. Since 2004 he had received many Airman watches of inferior quality. They looked real because old cases and leftover movements were used to assemble what looks like an Airman watch. These watches are, however, fakes. Because the material used for hands and crowns are of dubious quality they tend to break more easily when used.

#### Some characteristics of a fake are really simple to recognize:

- The typeface used are never the original Airman typeface
- Early fakes have the 40 upside down
- The hands are far too big and flat
- The Glycine logo crown is completely white
- The second crown has a strange small cylinders poking out
- Absence of a date or a second crown

But even with some of these characteristics it is sometimes difficult to determine whether the watch is real or not. Maybe it is original but sometimes the dial was badly (re)painted. Or the second crown broke and someone repaired it as well as he could. It is even possible that original hands got lost and new hands were made and installed on an original Airman. We can only speculate about the origin of the fake Airman. In general fakes thrive thanks to the Internet. But we must also consider the fact that US tourists visited Vietnam and surrounding countries in large numbers. Old, left behind and broken Airman watches did well on the local flea markets and thus the idea was born to use old cases and movements and build the fake Airman. Around the same time the Airman 7 was duplicated. This fake is easily recognized because two quartz movements are used for the small dials. It is even possible that all movements are quartz. It looks pretty good but when you examine it more closely it's clear that you have a cheap replica in your hands. This innovated design was also copied by at least two watch companies.





Who where these first Airmen?

After World War II converted B-29 and Lancaster bombers were used by commercial airliners. The commercial aviation grew rapidly and was in need of good pilots and planes. The gap was filled by ex military pilots and the development of commercial airplanes like the Douglas DC-3.

This is the story of one of these first Airmen who actually bought the Airman PM/AM in Japan around 1953 (page 21 and 73).

On October 23rd 1941 William E. Murray joined the Army Air Corp. The first four years William flew B-25 Mitchell bombers with the 500th Bomb Squadron, 325th Bomb Group in the Pacific. The war was almost at an end when William's plane was shot down over the Pacific Ocean; he survived ten days floating on a life raft. During his military service he received numerous military honors:

the Purple Heart Medal, Bronze Star, Air Medal, Soldiers Medal, Asiatic Pacific Campaign Medal, WWII Victory Medal, American Campaign Medal, American Defense Medal, Philippine Liberation Ribbon, and the Good Conduct Medal.

When the war ended William became a commercial airline pilot. His first employer was Japan Airlines (JAL). In the beginning he delivered planes to Japan and provided flight training for the local pilots. Ultimately he served as chief pilot for JAL and because he spoke fluent Japanese and Chinese, JAL assigned William the task to translate the Japanese flight manuals into English for the American Pilots. During his time with JAL, William took a leave of absence to go to Jordan at the personal request of King Hussein, to supervise and assist in the development and expansion of the Jordanian Airlines.

Aside from the Army Air Forces, William logged a total of 20.000 hours of flight time and flew the following class of aircraft: DC-4, DC-6 and DC-7.

William retired from JAL in 1969 as the coordinator of operations and died April 30th 2005.



page 66-67: Captain E. Coker, US Air Force, at his north Vietnam 100 times mission, Ubon air base in Thailand 1967

#### **Airman Overview**



# **AIRMAN 1953**

Pat. 314050

### **MOVEMENT**

Caliber Felsa 692

Function 24 Hours, minutes and seconds, red date

Size 11 ½ "
Jewels 23 jewels

Power Reserve 44 hours

Hz **2** ½ **Hz** 

Incabloc

Anti-magnetic

### CASE, DIAL & HANDS

Material stainless steel

Diameter 36 mm without crown

Height 11.50 mm
Finish satin / polished
Waterproof water protected

Back screwed

Glass Hesalith plexi dome shaped

Dial white and ivory

Hands stainless steel with lume

Crown **pull** 

#### **STRAP**

Material calf leather
Width 20 mm horns

Buckle **belt** 

#### NICKNAME Airman PM AM

Special features top ring is positioned by a special spacer system at 4h

limited edition

Bezel variation 1, 3, 7, 9, 11, 12

2, 4, 6, 8, 10, 12

22 2 24 GLYCINE AIRMAN

Picture is made by Betsy Dougherty and modified in photoshop by Eddie Boschma to match the other pictures in the book

# **AIRMAN 1953**

Pat. 314050

### **MOVEMENT**

Caliber Felsa 692

Function 24 Hours, minutes and seconds, red date

Size 11 ½ "

Jewels 23 jewels

Power Reserve 44 hours

Hz **2** ½ **Hz** 

Hack second Incabloc

Anti-magnetic

#### CASE, DIAL & HANDS

Material stainless steel

Diameter 36 mm without crown

Height Finish satin / polished
Waterproof Water protected
Back screwed

Glass Hesalith plexi dome shaped

Dial black, white and champagne with luminous dots

Hands stainless steel with lume, small hour hand & minute hand with tail

Crown **pull** 

#### **STRAP**

Material calf leather
Width 20 mm horns

Buckle **belt** 

Special features top ring is positioned by a special spacer system at 4h

limited edition

Bezel variation 1,3,5,7,9,11,12

2,4,6,8,10,12



# THE CHIEF Türler 1953

Pat. 314050

**MOVEMENT** 

Caliber Felsa 692

Function 24 Hours, minutes and seconds, red date

Size 11 ½ "
Jewels 23 jewels

Power Reserve 44 hours

Hz **2** ½ **Hz** 

Hack second

Incabloc

Anti-magnetic

CASE, DIAL & HANDS

Material stainless steel

Diameter 36 mm without crown

Height 11.50 mm
Finish satin / polished
Waterproof water protected

Back screwed

Glass Hesalith plexi dome shaped

Dial black, white and champagne with luminous dots

Hands stainless steel with lume, small hour hand & minute hand with tail

Crown **pull** 

**STRAP** 

Material calf leather
Width 20 mm horns

Buckle **belt** 

NAME Türler is a famous Watches & Jewelry store in Zürich

this model is specialy made for the Türler store Technically speaking, this is not an Airman but a Chief

Special features top ring is positioned by a special spacer system at 4h

limited edition

Picture is made by Bill Shaine and modified in photoshop by Eddie Boschma to match the other pictures in the book



# AIRMAN 1953-1960

Pat. 314050

### **MOVEMENT**

Caliber Felsa 692

Function 24 Hours, minutes and seconds, red date

Size 11 ½ "

Jewels 23 jewels

Power Reserve 44 hours

Hz **2** ½ **Hz** 

Hack second

Incabloc Anti-magnetic

### CASE, DIAL & HANDS

Material stainless steel

Diameter 36 mm without crown

Height 11.50 mm
Finish satin / polished
Waterproof water protected

Back screwed

Glass Hesalith plexi dome shaped

Dial black, white and champagne with luminous dots

Hands stainless steel with lume

Crown **pull** 

#### **STRAP**

Material calf leather
Width 20 mm horns

Buckle **belt** 

Special features top ring is positioned by a special spacer system at 4h



Picture is made by Lau Siew Ming and modified in photoshop by Eddie Boschma to match the other pictures in the book

# AIRMAN Special 1953-1960

Pat. 314050

**MOVEMENT** 

Caliber Felsa 692

Function 24 Hours, minutes and seconds, red date for 24 on top

Size 11 ½ "
Jewels 23 jewels
Power Reserve 44 hours

Hz **2** ½ **Hz** 

Hack second Incabloc

Anti-magnetic

CASE, DIAL & HANDS

Material stainless steel

Diameter 36 mm without crown

Height 11.50 mm
Finish satin / polished
Waterproof water protected

Back **screwed** 

Glass Hesalith plexi dome shaped

Dial **black** 

Hands stainless steel with lume

Crown **pull** 

**STRAP** 

Material calf leather
Width 20 mm horns

Buckle **belt** 

NICKNAME 12 on top, for Airman Special with 12 on top with black date

Special features top ring is positioned by a special spacer system at 4h

limited edition 12 on top

all Airman Special have 17 jewels



Picture is made by Bill Shaine and modified in photoshop by Eddie Boschma to match the other pictures in the book

## AIRMAN 1960-1978

Pat. 314050

**MOVEMENTS** 

Caliber A. Schild 1701: 1960-1967. A. Schild 1903: 1967-1971

A. Schild 2063: 1971-1974, A. Schild 2163: 1974-1978

Function 24 Hours, minutes and seconds, date

Size 11 1/2 "

Jewels A. Schild 1701, AS 1903, AS 2063 and AS 2163: 25 jewels

Power Reserve A. Schild 1903: 44 hours

A. Schild 1701: 42 hours

A. Schild 2063 and A. Schild 2163: 45 hours
Hz A. Schild 1701 and A. Schild 1903: 2 ½ Hz

A. Schild 2063: 3 Hz and A. Schild 2163: 4 Hz

Setting date A. Schil 1701 and A. Schild 1903: back and forth between 20-24

A. Schild 2063 and A. Schild 2163: quickset

Hack second Incabloc

Anti-magnetic

CASE, DIAL & HANDS

Material stainless steel

Diameter 36 mm without crown

Height 11.50 mm

Finish satin / polished

Waterproof water protected

Back screwed till the mid 60's followed by pushdown

Glass Dial black with luminous dots
Hands stainless steel with lume

Crown **pull** 

STRAPS & BRACELET

Material calf leather

Width 20 mm horns

Buckle **belt** 

Material stainless steel

Finish satin

Width 20 mm horns

Special features top ring is positioned by a special spacer system at 4h



# AIRMAN Special 1960–1978

Pat. 314050

**MOVEMENTS** 

Caliber A. Schild 1701: 1960-1967

A. Schild 2063: 1971-1974

A. Schild 2163: 1974-1978

Function 24 Hours, minutes and seconds, date

Size 11 ½ "
Jewels 17 jewels

Power Reserve A. Schild 1701: 42 hours

A. Schild 2063 and A. Schild 2163: 45 hours

Hz A. Schild 1701: 2 ½ Hz

A. Schild 2063: 3 Hz and A. Schild 2163: 4 Hz

Setting date A. Schild 1701: back and forth between 20–24

A. Schild 2063 and 2163 quick set

Hack second Incabloc

Anti-magnetic

#### CASE, DIAL & HANDS

Material stainless steel

Diameter 36 mm without crown

Height 11.50 mm
Finish satin / polished

Waterproof water protected

Back screwed till the mid 60's followed by pushdown

Glass Hesalith plexi dome shaped black with luminous dots stainless steel with lume

Crown **pull** 

#### **STRAPS**

Material calf leather
Width 20 mm horns

Buckle **belt** 

Material stainless steel

Finish satin

Width 20 mm horns

Special features top ring is positioned by a special spacer system at 4h

all Airman Special have 17 jewels



# **AIRMAN SST 1967-1978**

Ref. 323, 1219

MOVEMENTS

Caliber A. Schild 1903: 1967-1971

A. Schild 2063: 1971-1974

A. Schild 2163: 1974-1978

Function 24 Hours, minutes and seconds, date

Size 11 1/2 " Jewels 25 jewels

Power Reserve A. Schild 1903 44 hours

A. Schild 2063 and A. Schild 2163: 45 hours

Hz A. Schild 1903: 2 ½ Hz

A. Schild 2063: 3 Hz and A. Schild 2163: 4 Hz

Hack second

Setting date A. Schild 1903: back and forth between 20–24

A. Schild 2063 and A. Schild 2163 guickset

Incabloc

Anti-magnetic

#### CASE, DIAL & HANDS

Material stainless steel

Diameter 41,5 mm without crown

Height 11.50 mm

Finish brushed / polished

Waterproof water protected

Back pushdown

Glass Hesalith plexi dome shaped

Dial **black/grey** 

Hands stainless steel with lume

Crown **pull** 

#### STRAPS & BRACELET

Material calf leather

Width 22 mm horns

Buckle **belt** 

Material stainless steel

Finish satin

Width 22 mm horns

NICKNAME Pumpkin

SST stands for SuperSonic Transporter

Special features inner revolving 24-hour ring served by slit-headed crown at 2h



# AIRMAN SST Chronograph 1968

Ref. 399, 2119

### **MOVEMENT**

Caliber Valjoux 72

Function 24 Hours, minutes and seconds

Chronograph 60 sec, counters 30 min and 12 hrs

Size 13 "

Jewels 17 jewels

Power Reserve 46 hours

Hz **2** ½ **Hz** 

Incabloc

Anti-magnetic

### CASE, DIAL & HANDS

Material stainless steel

Diameter 43 mm without crown

Height 15,5 mm

Finish brushed / polished water protected Waterproof

Back screwed

Glass Hesalith plexi dome shaped Dial black / blue with white sub dials

Hands stainless steel with lume

Crown pull, push

#### STRAPS & BRACELET

Material calf leather Width 22 mm horns

Buckle **belt** 

Material stainless steel

Finish satin

Width 22 mm horns

Special features inner revolving 24-hour ring served by slit-headed crown at 8h

limited edition of 100 timepieces

Airman without the model name Airman on the dial



# AIRMAN Quartz 1978-1988

Ref. 823. 111

### **MOVEMENT**

Caliber FHF 960.111 analogue quartz movement Function 24 Hours, minutes, seconds and date

Size 11 ½ "

Jewels 9 jewels

Hz 32'768

Anti-magnetic

### CASE, DIAL & HANDS

Material bicolor, stainless steel
Diameter 34 mm without crown

Height Finish satin
Waterproof 10 atm
Back screwed
Glass mineral flat

Dial black, blue "dégradé" evidencing day and night

Hands white with lume

Crown **pull** 

### STRAPS

Material calf leather
Width 19 mm horns

Buckle **belt** 

Material bicolor, stainless steel

Finish satin

Width 19 mm horns

Special features revolving bezel



## **AIRMAN World Time Watch 1990**

Ref. 3323

### **MOVEMENT**

Caliber ETA 955.425 quartz movement
Function 24 Hours, minutes, seconds and date

Size 10 ½ "
Jewels 7 jewels
Hz 32'768

### CASE, DIAL & HANDS

Material bicolor, stainless steel
Diameter 38 mm without crown
Height 9 mm with solid back

Finish satin
Waterproof 20 atm

Back solid steel screwed

Glass sapphire

Dial blue, black with Arabic figures, white with blue/silver circle,

white with blue / yellow circle

Hands stainless steel with lume

Crown screw-down

#### STRAPS & BRACELET

Material calf leather

Colors black, blue and brown

Width 20 mm horns / 18 mm buckle

Buckle **belt** 

Material bicolor, stainless steel

Finish satin

Width 20 mm horns / 16 mm buckle

Special features revolving outer and inner bezels



## AIRMAN 2000 1998

Ref. 3764

#### **MOVEMENT**

Caliber ETA 2893–2 automatic movement
Function 12 Hours, minutes, seconds and date

red colored 24 hour hand

Size 11 ½ "

Jewels **21 jewels**Power Reserve **42 hours** 

Hz 4/28'800 vibrations per hour

Finish rhodium coated, oscillating weight on ball bearing,

decorated "Côtes de Genève"

#### CASE, DIAL & HANDS

Material stainless steel

Diameter 42 mm without crown

Height 11 mm with solid back, 11,50 mm with see-through back

Finish satin / polished

Waterproof 20 atm

Back solid steel screwed / screwed see-through mineral glass

Glass sapphire

Dial black with SL, blue with SL, burgundy with SL, white with SL

Hands **nickel with SL**Crown **screw-down** 

#### STRAPS & BRACELET

Material calf leather

Colors black, brown and yellow
Width 22 mm horns / 22 mm buckle

Buckle **belt** 

Material stainless steel

Finish satin

Width 22 mm horns / 20 mm buckle

Clasp diver

Special features revolving top ring with ratchet system

Edition Ref. 3764.66 24-hour hand only



## **AIRMAN 46 mm 1999**

Ref. 3820

### **MOVEMENT**

Caliber ETA 2893–2 automatic movement
Function 12 Hours, minutes, seconds and date

red colored 24 hour hand

Size 11 ½ "
Jewels 21 jewels

Power Reserve 42 hours

Hz 4/28'800 vibrations per hour

Finish rhodium coated, oscillating weight on ball bearing,

decorated "Côtes de Genève"

#### CASE, DIAL & HANDS

Material stainless steel

Diameter 46 mm without crown

Height 10.50 mm with solid back, 11 mm with see-through back

Finish satin / polished

Waterproof 20 atm

Back solid steel screwed / screwed see-through mineral glass

Glass sapphire

Dial black with SL, blue with SL, yellow with SL

Hands black with SL, nickel with SL

Crown screw-down

#### STRAPS & BRACELET

Material calf leather

Colors black, blue and brown

Width 24 mm horns / 22 mm buckle

Buckle **belt** 

Material **natural rubber** 

Colors **black** 

Width 24 mm horns / 22 mm buckle

Buckle **belt** 

Material stainless steel
Finish satin / polished

Width 24 mm horns / 24 mm buckle

Clasp deployment

Special features top ring is positioned by a special spacer system at 4h

Edition Ref. 3820.66 24-hour hand only



## **AIRMAN 7 2002**

Ref. 3829, 3845

### MOVEMENTS

Caliber ETA 2893-2 automatic movement Function 12 Hours, minutes, seconds and date

red colored 24 hour hand

Size 11 1/2 "

Jewels 21 jewels

Power Reserve 42 hours

Hz 4/28'800 vibrations per hour

Finish rhodium coated, oscillating weight on ball bearing,

decorated "Côtes de Genève"

Caliber 2 x ETA 2671-2 automatic

Function 12 hours and minutes

Size 7 3/4 "

Jewels 25

Power Reserve 38 hours

Hz 4/28'800 vibrations per hours

Finish rhodium coated, oscillating weight on ball bearing,

decorated "Côtes de Genève"

### CASE, DIALS & HANDS

Material stainless steel, 18 ct rose gold

Diameter 53 mm without crown

Height 12.50 mm see-through back

Finish satin / polished

Waterproof 5 atm

Back screwed see-through sapphire glass

Glass sapphire

Dial black with SL, copper with SL, silver with SL and yellow with SL

black quilloche with SL

Hands black with SL, white with SL, gilt with SL

Crown sticker crown

#### **STRAPS**

Material high class leather, calf, natural rubber

Colors black and brown, black

Width 24 mm horns / 22 mm buckle

Buckle belt

Special features displays 4 time zones simultaneously

Ref. 3829 limited edition 50 timepieces, diamonds: wesselton

VSG full cut on case plate 1,13 ct on top ring 0,60 ct

Ref. 3845 limited edition 50 gold timepieces



# AIRMAN 7 Titanium Black DLC 2008

Ref. 3881, 3882, 3892

MOVEMENTS

Caliber ETA 2893-2 automatic movement

Function 12 Hours, minutes, seconds and date

red colored 24 hour hand

Size 11 1/2 " Jewels 21 jewels

Power Reserve 42 hours

Hz 4/28'800 vibrations per hour

Finish rhodium coated, oscillating weight on ball bearing,

decorated "Côtes de Genève"

\*\* yellow gold coated oscillating weight on ball

bearing, branded GLYCINE

Caliber 2 x ETA 2671-2 automatic

Function 12 hours Size **7** 3/4 " Jewels 25

Power Reserve 38 hours

Hz 4/28'800 vibrations per hours

Finish rhodium coated, oscillating weight on ball bearing,

decorated "Côtes de Genève" \*\*

CASE, DIALS & HANDS

Material titanium, titanium with black DLC coating, 18ct red gold

Diameter 53 mm without crown

Height 12.50 mm with see-through back

Finish satin Waterproof 5 atm

Back screwed see-through sapphire glass

domed sapphire

Dial movement holder carbon fiber, dial black with SL

Hands nickel with SL, gilt with SL

Crown 3h screw-down, 8h and 10h sticker crown

**STRAP** 

Material calf leather

Colors **black** 

Width 24 mm horns / 24 mm buckle

Buckle belt

Special features displays 4 time zones simultaneously

Ref. 3892\*\* limited edition 10 timepieces with golden rim 2009



## **AIRMAN 8 2002**

Ref. 3831

### **MOVEMENT**

Caliber ETA 2893–2 automatic movement
Function 12 Hours, minutes, seconds and date

red colored 24 hour hand

Size 11 ½ "
Jewels 21 jewels

Power Reserve 42 hours

Hz 4/28'800 vibrations per hour

Finish rhodium coated, oscillating weight on ball bearing,

decorated "Côtes de Genève"

#### CASE, DIAL & HANDS

Material stainless steel

Diameter 36 mm without crown

Height 10.50 mm with solid back, 11 mm with see-through back

Finish satin / polished

Waterproof 20 atm

Back solid steel screwed / screwed see-through mineral glass

Glass sapphire

Dial black with SL, blue with SL, champagne with SL,

copper with SL, white with SL

Hands black with SL, nickel with SL

Crown **screw-down** 

#### STRAPS & BRACELET

Material calf leather

Colors black, blue and brown

Width 20 mm horns / 18 mm buckle

Buckle **belt** 

Material stainless steel
Finish satin / polished

Width 20 mm horns / 20 mm buckle

Clasp deployment

Special features top ring is positioned by a special spacer system at 4h

Edition Ref. 3831.66 24-hour hand only



### **AIRMAN 9 2004**

Ref. 3840

### MOVEMENT

Caliber ETA 7754 automatic, dual time

Function 12 Hours, minutes, seconds and black date

red colored 24 hour hand

Chronograph 60 sec, counter 30 min and 12 hrs

Size 13 1/4 " Jewels 25 jewels

Power Reserve 48 hours

Hz 4/28'800 vibrations per hour

Finish rose gold coated oscillating weight on ball bearing, decorated "Côtes de Genève", engraved by an airplane. Bridges rhodium

coated and decorated "perlé" visible screws in blue finish.

#### CASE, DIAL & HANDS

Material stainless steel

Diameter 44 mm without crown

Height 15 mm with see-through back

Finish satin / polished

Waterproof 20 atm

Back screwed see-through sapphire glass

Glass sapphire

Dial black with SL, blue with SL, white with SL

Hands nickel with SL Crown screw-down

#### STRAPS & BRACELET

Material calf leather

Colors black, blue, light blue and red Width 22 mm horns / 20 mm buckle

Buckle **deployment** Material natural rubber Colors black, orange

Width 22 mm horns / 22 mm buckle

Buckle **belt** 

Material stainless steel Finish satin / polished

Width 22 mm horns / 22 mm buckle

Clasp **deployment** 

Special features bi-directional turning bezel with ratchet system and

24-hour scale



# AIRMAN MLV 2004

Ref. 3830

MOVEMENT

Caliber ETA 2893-2 automatic movement Function 12 Hours, minutes, seconds and date

red colored 24 hour hand

Size 11 1/2 " Jewels 21 jewels

Power Reserve 42 hours

Hz 4/28'800 vibrations per hour

Finish rhodium coated, oscillating weight on ball bearing,

decorated "Côtes de Genève"

CASE, DIAL & HANDS

Material stainless steel

Diameter 42 mm without crown

Height 11.50 mm with see-through back

Finish satin / polished

20 atm Waterproof

> Back screwed see-through mineral glass

Glass sapphire

Dial self luminescent dial treated superluminova

Hands black

Crown double o ring screw-down

STRAPS & BRACELET

Material calf leather

Colors black, blue and brown

Width 22 mm horns / 22 mm buckle

Buckle **belt** 

natural rubber Material

Colors black

Width 22 mm horns / 22 mm buckle

Buckle **belt** 

Material stainless steel Finish satin / polished

Width 22 mm horns / 22 mm buckle

Clasp diver

Special features revolving top ring with ratchet system, plated in satin black PVD

limited edition 500 pieces



# **AIRMAN Special 2004**

Ref. 3836

### **MOVEMENT**

Caliber ETA 2893–2 automatic movement
Function 24 Hours, minutes, seconds and date

Size 11 ½ "
Jewels 21 jewels
Power Reserve 42 hours

Hz 4/28'800 vibrations per hour

Finish rhodium coated, oscillating weight on ball bearing,

decorated "Côtes de Genève"

#### CASE, DIAL & HANDS

Material stainless steel

Diameter 46 mm without crown

Height 11.50 mm with see-through back

Finish satin / polished

Waterproof 20 atm

Back screwed see-through mineral glass

Glass domed sapphire
Dial blue dégradé
Hands nickel with SL
Crown screw-down

#### STRAP & BRACELET

Material calf leather

Colors black with stiching

Width 24 mm horns / 22 mm buckle

Buckle **belt** 

Material stainless steel
Finish satin / polished

Width 24 mm horns / 24 mm buckle

Clasp deployment

Special features top ring is positioned by a special spacer system at 4h

limited edition 200 pieces



# **AIRMAN Vintage V 2005**

Ref. 3853

### **MOVEMENT**

Caliber ETA 2893-2 automatic movement 24 Hours, minutes, seconds and red date Function

Size 11 1/2 " Jewels 21 jewels Power Reserve 42 hours

Hz 4/28'800 vibrations per hour

Finish rhodium coated, oscillating weight on ball bearing, decorated "Côtes de Genève", and bears the engraving of an airplane

#### CASE, DIAL & HANDS

Material stainless steel

Diameter 36 mm without crown

Height 11.50 mm with see-through back

Finish satin / polished

Waterproof 20 atm

Back screwed see-through mineral glass

domed sapphire Dial grey dégradé Hands nickel with SL Crown screw-down

#### **STRAPS**

Material calf leather Colors black and brown

Width 20 mm horns / 18 mm buckle

Buckle **belt** 

Material corrugated rubber

Colours khaki

Width 20 mm horns / 20 mm buckle

Clasp **belt** 

top ring is positioned by a special spacer system at 4h Special features

trapezoidal date display with red date numerals

12 on top

limited edition 150 pieces



# AIRMAN Double 24 2006

Ref. 3852

### **MOVEMENT**

Caliber 2424 / ETA 2893–2 automatic movement Function 2x24 Hours, minutes, seconds and date

Size 11 ½ "
Jewels 21 jewels
Power Reserve 42 hours

Hz 4/28'800 vibrations per hour

Finish oscillating weight on ball bearing is yellow gold coated, decorated "Côtes de Genève", and bears the engraving of the name giving Airplaine SST. Bridges rhodium coated and decorated "perlé",

visible screws in blue finish.

#### CASE, DIAL & HANDS

Material stainless steel

Diameter 44 mm without crown

Height 11.50 mm with see-through back

Finish satin / polished

Waterproof 20 atm

Back screwed see-through mineral glass

Glass sapphire AR

Dial black with SL and white with SL

Hands nickel with SL Crown screw-down

#### STRAPS & BRACELET

Material **calf leather**Colors **black** 

Width 24 mm horns / 22 mm buckle

Buckle **belt** 

Material natural rubber

Colours black

Width 24 mm horns / 24 mm buckle

Clasp **belt** 

Material stainless steel

Finish satin / polished

Width 24 mm horns / 22 mm buckle

Clasp deployment

Special features world timer offering simultaneously 3 different 24-hour time zones.

inner revolving 24-hour ring served by slit-headed crown at 2h.

limited edition 300 pieces



# **AIRMAN SST 06 2006**

Ref. 3856

### **MOVEMENT**

Caliber ETA 2893–2 automatic movement
Function 12 Hours, minutes, seconds and date

Size 11 ½ "
Jewels 21 jewels
Power Reserve 42 hours

Hz 4/28'800 vibrations per hour

Finish oscillating weight on ball is rhodium coated, decorated "Côtes de Genève", and bears the engraving of an airplane

#### CASE, DIAL & HANDS

Material stainless steel

Diameter 44 mm without crown

Height 11 mm

Finish satin / polished

Waterproof 20 atm

Back solid steel screwed Glass sapphire AR

Dial black with SL and inner revolving 24h ring in black or orange,

blue with SL and inner revolving 24h ring in blue

Hands **nickel with SL**Crown **screw-down** 

#### STRAPS & BRACELET

Material calf leather

Colors black, blue and brown

Width 22 mm horns / 22 mm buckle

Buckle **belt** 

Special features inner revolving 24-hour ring served by slit-headed crown at 2h.

steel back with silhouette of its namesake The Boeing Supersonic

Transport

Edition Ref.

3856.106 / 66-1 24-hour hand only



# AIRMAN 7 Crosswise 2006

Ref. 3841

### **MOVEMENTS**

Caliber ETA 2893-2 automatic movement

Function 12 Hours, minutes, seconds, white date and

red colored 24 hour hand

Size **11** 1/2 "

Jewels 21 jewels

Power Reserve 42 hours

Hz 4/28'800 vibrations per hour

Finish rhodium coated, oscillating weight on ball bearing,

decorated "Côtes de Genève",

and bears the engraving of an airplane

Caliber 2 x ETA 2671-2 automatic
Function 12 hours and minutes

Size **7** 3/4 "

Jewels 25

Power Reserve 38 hours

Hz 4/28'800 vibrations per hours

Finish rhodium coated, oscillating weight on ball bearing,

decorated "Côtes de Genève"

### CASE, DIALS & HANDS

Material stainless steel

Diameter 53 mm without crown
Height 12.50 mm see-through back

Finish satin / polished

Waterproof **5 atm** 

Back sapphire glass AR Glass sapphire AR

Dial black with SL, blue with SL / blue, black, self luminescent

treated with Superluminova in blue orange and yellow

Hands Black, white with SL

Crown 9h screw-down, 2h and 4h sticker crown

### **STRAPS**

Material calf and natural rubber
Colors black blue and orange, black
Width 24 mm horns / 22 mm buckle

Buckle **belt** 

Special features displays 4 time zones simultaneously



# AIRMAN 7 Plaza Mayor 2007

Ref. 3861, 3870

### MOVEMENTS

Caliber ETA 2893-2 automatic movement

Function 12 Hours, minutes, seconds, white date and

red colored 24 hour hand

Size 11 1/2 "

Jewels 21 jewels Power Reserve 42 hours

Hz 4/28'800 vibrations per hour

Finish rhodium coated, oscillating weight on ball bearing,

decorated "Côtes de Genève",

and bears the engraving of an airplane

\*\* yellow gold coated oscillating weight on ball

bearing, branded GLYCINE

Caliber 2 x ETA 2671-2 automatic

Function 12 hours and minutes

Size **7** 3/4 " Jewels 25

Power Reserve 38 hours

Hz 4/28'800 vibrations per hours

Finish rhodium coated, oscillating weight on ball bearing,

decorated "Côtes de Genève" \*\*

#### CASE, DIALS & HANDS

Material stainless steel, 18 ct yellow gold Diameter 53 x 53 mm without crown Height 12 mm see-through back

Finish satin / polished

Waterproof **5 atm** 

Back sapphire glass AR Glass sapphire AR

Dial black carbon fiber with SL, dark blue carbon fiber and

dark blue carbon fiber with SL

Hands white with SL, gilt with SL

Crown 2h screw-down, 4h and 8h sticker crown

#### **STRAPS**

Material calf, high class leather Colors black blue and brown, black Width 28 mm horns / 24 mm buckle

Buckle belt. 18 ct belt buckle

Special features displays 4 time zones simultaneously

Ref. 3870\*\* limited edition 20 timepieces



# AIRMAN 7 Plaza Mayor Titanium DLC 2008

Ref. 3883, 3884

### MOVEMENTS

Caliber ETA 2893-2 automatic movement

Function 12 Hours, minutes, seconds and white date

red colored 24 hour hand

Size 11 1/2 "

Jewels 21 jewels

Power Reserve 42 hours

Hz 4/28'800 vibrations per hour

Finish rhodium coated, oscillating weight on ball bearing,

decorated "Côtes de Genève",

and bears the engraving of an airplane

Caliber 2 x ETA 2671-2 automatic

Function 12 hours

Size 7 3/4 "

Jewels 25

Power Reserve 38 hours

Hz 4/28'800 vibrations per hours

Finish rhodium coated, oscillating weight on ball bearing,

decorated "Côtes de Genève"

#### CASE, DIALS & HANDS

Material titanium with black DLC coating

Diameter 53 x 53 mm without crown

Height 12 mm see-through back

Finish satin

Waterproof 5 atm

Back sapphire glass AR

Glass sapphire AR

Dial black with SL

Hands nickel with SL

Crown 2h screw-down, 4h and 8h sticker crown

#### **STRAPS**

Material calf

Colors black blue and brown

Width 28 mm horns / 24 mm buckle

Buckle belt

Special features displays 4 time zones simultaneously



### **AIRMAN 17 2007**

Ref. 3865, 3917

**MOVEMENT** 

Caliber ETA A07.171 automatic movement

GL 293 Swiss automatic movement

Function 12 Hours, minutes, seconds and white date

red colored 24 hour hand

Size **16** ½ "

Jewels **24 jewels** 

Power Reserve 46 hours

Hz 4/28'800 vibrations per hour

Finish oscillating weight on ball bearing is rhodium coated, decorated

"Côtes de Genève", and bears the engraving of an airplane, bridges rhodium coated and decorated "perlé", visible screws in blue finish

CASE, DIAL & HANDS

Material stainless steel

Diameter 46 mm without crown

Height 15mm with see-through back

Finish satin / polished

Waterproof 20 atm

Back screwed see-through sapphire glass

Glass sapphire AR

Dial black with SL, blue dégradé with SL and yellow with SL

Hands black with SL, nickel SL and gild with SL

Crown **screw-down** 

STRAPS & BRACELET

Material calf leather
Colors black and blue

Width 24 mm horns / 22 mm buckle

Buckle **belt** 

Material stainless steel Finish satin / polished

Width 24 mm horns / 24 mm buckle

Clasp deployment

Special features topring is positioned by a special ratchet spacer system at 4h

Edition ref.

3865.18/66-LB8 **24-hour hand only** 

3917.196 Topring with red 5N gold-plated figures



# AIRMAN 17 Royal 2012

Ref. 3865.38-LB8B, 3990

**MOVEMENT** 

Caliber ETA A07.171 automatic movement

GL 293 Swiss automatic movement

Function 12 Hours, minutes, seconds and white date

24 hour hand

Size 16 ½ "

Jewels 24 jewels

Power Reserve 46 hours

Hz 4/28'800 vibrations per hour

Finish oscillating weight on ball bearing is rhodium coated, decorated

"Côtes de Genève", and bears the engraving of an airplane, bridges rhodium coated and decorated "perlé", visible screws in blue finish

CASE, DIAL & HANDS

Material stainless steel, topring 18ct 5N redgold

Diameter 46 mm without crown
Height 15mm with see-through back

Finish satin / polished

Waterproof 20 atm

Back screwed see-through sapphire glass

Glass sapphire AR

Dial blue dégradé with SL

Hands **gilt with SL** Crown **screw-down** 

STRAPS & BRACELET

Material calf leather
Colors black and blue

Width 24 mm horns / 22 mm buckle

Buckle **belt** 

Special features topring is positioned by a special ratchet spacer system at 4h

dition Ref.

*3990/66* **24-hour hand only** 



# AIRMAN 17 Sphair 2013

Ref. 3927

### **MOVEMENT**

Caliber ETA 2893–2 automatic movement

GL 293 Swiss automatic movement

Function 12 Hours, minutes, seconds and white date

24 hour hand

Size 16 ½ "
Jewels 21 jewels

Power Reserve 42 hours

Hz 4/28'800 vibrations per hour

Finish oscillating weight on ball bearing is rhodium coated, decorated

"Côtes de Genève", and bears the engraving of an airplane

#### CASE, DIAL & HANDS

Material stainless steel / rubber
Diameter 46 mm without crown
Height 15mm with see-through back

Finish satin / polished

Waterproof 20 atm

Back screwed see-through sapphire glass

Glass sapphire AR
Dial black with SL
Hands nickel with SL
Crown screw-down

#### STRAPS & BRACELET

Material calf and alligator imitation calf

Colors black

Width 24 mm horns / 22 mm buckle

Buckle **belt** 

Special features topring is positioned by a special ratchet spacer system at 4h

dition Ref.

*3927/66* **24-hour hand only** 



### **AIRMAN 18 2007**

Ref. 3866, 3918

**MOVEMENT** 

Caliber ETA 2893–2 automatic movement

GL 293 Swiss automatic movement

Function 12 Hours, minutes, seconds and white date

24 hour hand

Size 11 ½ "
Jewels 21 jewels

Power Reserve 42 hours

Hz 4/28'800 vibrations per hour

Finish oscillating weight on ball bearing is rhodium coated, decorated

"Côtes de Genève", and bears the engraving of an airplane

CASE, DIAL & HANDS

Material stainless steel, bronze PVD coated

Diameter 38 / 39 mm without crown

Height 11.5 mm with see-through back

Finish satin / polished

Waterproof 20 atm

Back screwed see-through sapphire glass

Glass sapphire AR

Dial black with SL, blue dégradé with SL, yellow with SL and

black MOP dial

Hands black with SL, nickel with SL and gilt with SL

Crown screw-down

STRAPS & BRACELET

Material black high-tec fabric material, calf or alligator imitation calf

Colors black, blue, hell or dark brown Width 20 mm horns / 20 mm buckle

Buckle **belt** 

Material natural rubber

Colors **black** 

Width 20 mm horns / 20 mm buckle

Buckle **belt** 

Material stainless steel Finish satin / polished

Width 20 mm horns / 20 mm buckle

Clasp **deployment** 

Special features topring is positioned by a special ratchet spacer system at 4h

Edition ref.3918 Diameter 39 mm

3866.196, 3918.196 Topring with red 5N gold-plated figures



# AIRMAN 18 Royal 2012

Ref. 3866.38-LB8B, 3931

**MOVEMENT** 

Caliber ETA 2893–2 automatic movement

GL 293 Swiss automatic movement

Function 12 Hours, minutes, seconds and white date

24 hour hand

Size 11 1/2 "

Jewels 21 jewels

Power Reserve 42 hours

Hz 4/28'800 vibrations per hour

Finish oscillating weight on ball bearing is rhodium coated, decorated

"Côtes de Genève", and bears the engraving of an airplane

CASE, DIAL & HANDS

Material stainless steel, topring 18ct 5N redgold

Diameter 38 / 39 mm without crown
Height 11.5 mm with see-through back

Finish satin / polished

Waterproof 20 atm

Back screwed see-through sapphire glass

Glass sapphire AR

Dial blue dégradé with SL

Hands **gilt with SL**Crown **screw-down** 

STRAPS & BRACELET

Material calf leather
Colors black and blue

Width 20 mm horns / 20 mm buckle

Buckle **belt** 

Material **corrugated rubber**Colors **black, blue and khaki** 

Width 20 mm horns / 20 mm buckle

Buckle **belt** 

Special features topring is positioned by a special ratchet spacer system at 4h

Edition ref. 3931 Diameter 39 mm 3931/66 24-hour hand only



# AIRMAN 18 Sphair 2013

Ref. 3928

**MOVEMENT** 

Caliber ETA 2893-2 automatic movement

GL 293 Swiss automatic movement

Function 12 Hours, minutes, seconds and white date

24 hour hand

Size 11 1/2 "

Jewels 21 jewels

Power Reserve 42 hours

Hz 4/28'800 vibrations per hour

Finish oscillating weight on ball bearing is rhodium coated, decorated

"Côtes de Genève", and bears the engraving of an airplane

CASE, DIAL & HANDS

Material stainless steel / rubber
Diameter 39 mm without crown

Height 11.5 mm with see-through back

Finish satin / polished

Waterproof 20 atm

Back screwed see-through sapphire glass

Glass sapphire AR

Dial black with SL and blue dégradé with SL

Hands nickel with SL Crown screw-down

STRAPS & BRACELET

Material calf and alligator imitation calf

Colors black and blue

Width 20 mm horns / 20 mm buckle

Buckle **belt** 

Special features topring is positioned by a special ratchet spacer system at 4h

dition Ref.

*3928/66* **24-hour hand only** 



# **AIRMAN Special II 2008**

Ref. 3877

### **MOVEMENT**

Caliber ETA 2893-2 automatic movement

Function 24 Hours, minutes, seconds and white date

Size 11 ½ "
Jewels 21 jewels

Power Reserve 42 hours

Hz 4/28'800 vibrations per hour

Finish oscillating weight on ball bearing is rhodium coated, decorated

"Côtes de Genève", and bears the engraving of an airplane

#### CASE, DIAL & HANDS

Material stainless steel

Diameter 42 mm without crown

Height 11.5 mm with see-through back

Finish satin / polished

Waterproof 20 atm

Back screwed see-through sapphire glass

Glass sapphire AR
Dial black with SL
Hands nickel SL
Crown screw-down

#### STRAPS & BRACELET

Material calf leather

Colors black

Width 22 mm horns / 22 mm buckle

Buckle **belt** 

Material natural rubber

Colors **black** 

Width 22 mm horns / 22 mm buckle

Buckle **belt** 

Material stainless steel

Finish satin

Width 22 mm horns / 20 mm buckle

Clasp diver

Special features revolving top ring with ratchet system

limited edition 100 pieces



# AIRMAN Chrono 08 2008

Ref. 3876

### MOVEMENT

Caliber ETA 7754 automatic

Function 12 Hours, minutes, seconds and black date

24 hour hand

Chronograph 60 sec, counters 30 min and 12 hrs

Size 13 1/4 " Jewels 25 jewels

Power Reserve 46 hours

Hz 4/28'800 vibrations per hour

Finish yellow gold coated oscillating weight on ball bearing, decorated

"Côtes de Genève", engraved by an airplane. Bridges rhodium coated and decorated "perlé", visible screws in blue finish.

#### CASE, DIAL & HANDS

Material stainless steel

Diameter 46 mm without crown

Height 15.80 mm with with see-through back

Finish polished Waterproof 20 atm

Back screwed see-through sapphire glass

Glass sapphire Dial black with SL Hands nickel with SL Crown screw-down

#### **STRAPS**

Material calf leather Colors black

Width 24 mm horns / 22 mm buckle

Buckle **belt** 

Material natural rubber

Colors black

Width 24 mm horns / 22 mm buckle

Buckle **belt** 

Special features interior revolving 24-hour bezel with SL (3rd time zone)

limited edition of 500 timepieces



# **AIRMAN Double 24 09 2009**

Ref. 3886

### **MOVEMENT**

Caliber 2424 / ETA 2893–2 automatic movement
Function 2x24 Hours, minutes, seconds and white date

Size 11 ½ "
Jewels 21 jewels
Power Reserve 42 hours

Hz 4/28'800 vibrations per hour

Finish rhodium coated oscillating weight on ball bearing

branded by relief engraving

bridges rhodium coated and decorated "perlé",

visible screws in blue finish

### CASE, DIAL & HANDS

Material stainless steel

Diameter 44 mm without crown

Height 12 mm with see-through back

Finish satin / polished

Waterproof 20 atm

Back screwed see-through sapphire glass

Glass sapphire AR

Dial black with yellow 24 hour scale with SL black with orange 24 hour scale with SL

Hands nickel with SL Crown screw-down

#### **STRAPS**

Material calf leather

Colors black, orange and yellow
Width 24 mm horns / 22 mm buckle

Buckle **belt** 

Material natural rubber

Colours black

Width 24 mm horns / 22 mm buckle

Clasp **belt** 

Special features four independent 24-hour time zones.

limited Edition 300 pieces



# AIRMAN Base 22 2010

Ref. 3887

**MOVEMENT** 

Caliber ETA 2893-2 automatic movement

GL 293 Swiss automatic movement

Function 12 Hours, minutes, seconds and white date

24 hour hand

Size 11 ½ "
Jewels 21 jewels

Power Reserve 42 hours

Hz 4/28'800 vibrations per hour

Finish oscillating weight on ball bearing is rhodium coated, decorated

"Côtes de Genève", and bears the engraving of an airplane

CASE, DIAL & HANDS

Material stainless steel

Diameter 42 mm without crown

Height 11.5 mm with see-through back

Finish satin / polished

Waterproof 20 atm

Back screwed see-through mineral glass

Glass sapphire

Dial black with SL, silver with SL and blue with SL

Hands nickel SL Crown screw-down

STRAPS & BRACELET

Material high-tec tissue and calf leather

Colors black

Width 22 mm horns / 22 mm buckle

Buckle **belt** 

Material stainless steel

Finish satin

Width 22 mm horns / 22 mm buckle

Clas diver

Special features top ring is positioned by a special spacer system at 4h

with hatched crown

Edition ref.

3887.19-LB9B GMT Version, red GMT hand 3887.11/66-LBK9 24-hour version, purist

3887.11/GA-LB7BH GMT GA Version, 2 short hour hands:

one 12-hour, one 24-hour, both with super luminova

3887.15SL MLV dial



# AIRMAN Base 22 Mystery 2012

Ref. 3887

**MOVEMENT** 

Caliber ETA 2893-2 automatic movement

GL 293 Swiss automatic movement

Function 12 Hours, minutes, seconds and black date

red colored 24 hour hand

Size 11 1/2 "

Jewels 21 jewels

Power Reserve 42 hours

Hz 4/28'800 vibrations per hour

Finish oscillating weight on ball bearing is rhodium coated, decorated

"Côtes de Genève", and bears the engraving of an airplane

CASE, DIAL & HANDS

Material stainless steel black PVD coated

Diameter 42 mm without crown

Height 11.5 mm with see-through back

Finish black PVD polished

Waterproof 20 atm

Back screwed smoked mineral glass

Glass sapphire
Dial black with SL

Hands black with black SL

Crown screw-down

STRAPS

Material high-tec fabric material

Colors black

Width 22 mm horns / 22 mm buckle

Buckle **belt** 

Special features top ring is positioned by a special spacer system at 4h

with hatched crown

Edition ref.

3887.99-TB99 GMT Version, red GMT hand 3887.99/66-TB99 24-hour version, purist



### AIRMAN Base 22 Luminous 2014

Ref. 3887.95SL

**MOVEMENT** 

Caliber ETA 2893-2 automatic movement

GL 293 Swiss automatic movement

Function 12 Hours, minutes, seconds and black date

red colored 24 hour hand

Size 11 1/2 "

Jewels 21 jewels

Power Reserve 42 hours

Hz 4/28'800 vibrations per hour

Finish oscillating weight on ball bearing is rhodium coated, decorated

"Côtes de Genève", and bears the engraving of an airplane

CASE, DIAL & HANDS

Material stainless steel black PVD coated

Diameter 42 mm without crown

Height 11.5 mm with see-through back

Finish black PVD polished

Waterproof 20 atm

Back screwed smoked mineral glass

Glass sapphire AR

Dial plain luminous dial SLC3, with black printing

Hands black with black SL

Crown screw-down

**STRAPS** 

Material high-tec fabric material

Colors black

Width 22 mm horns / 22 mm buckle

Buckle **belt** 

Special features top ring is positioned by a special spacer system at 4h

with hatched crown

Edition ref.

3887.95SL GMT Version, red GMT hand 3887.95SL/66 24-hour version, purist



# AIRMAN F 104 Regulateur 2010

Ref. 3893

#### **MOVEMENT**

Caliber ETA 6498 / FW 24h

Function 24 Hours, minutes and seconds

Size 16 ½ "
Jewels 17 jewels

Power Reserve 46 hours

Hz 2,5/18'000 vibrations per hour

Finish diamond finish on ratchet and crown wheel,

visible screws in blue finish, decorated "Côtes de Genève"

#### CASE, DIAL & HANDS

Material stainless steel

Diameter 48 mm without crown

Height 11.70 mm with see-through back

Finish satin / polished

Waterproof 5 atm

Back screwed see-through mineral glass

Glass sapphire AR
Dial black with SL
Hands nickel SL
Crown sticker crown

#### **STRAPS**

Material calf leather
Colors black, brown

Width 22 mm horns / 22 mm buckle

Buckle **belt** 

Special features bi-directional turning bezel with ratchet system and

24-hour scale (2nd timezone)



# AIRMAN SST Chronograph 2011

Ref. 3902

**MOVEMENT** 

Caliber ETA 7754 automatic

GL 754 Swiss automatic movement

Function 12 Hours, minutes, seconds and black date

24 hour hand

Size 13 1/4 "
Jewels 25 jewels

Power Reserve 46 hours

Hz 4/28'800 vibrations per hour

Finish yellow gold coated oscillating weight on ball bearing,

decorated "Côtes de Genève", engraved by an airplane.

Bridges rhodium coated and decorated "perlé",

visible screws in blue finish.

CASE, DIAL & HANDS

Material stainless steel

Diameter 43 mm without crown

Height 15.30 mm
Finish satin / polished

Waterproof 10 atm

Back solid steel screwed

Glass double domed sapphire SL

Dial black with SL, blue dégradé with SL

Hands **nickel SL**Crown **screw-down** 

**STRAPS** 

Material calf leather

Colors black, brown and grey

Width black and brown 22 mm horns / 22 mm buckle

grey 22 mm horns / 20 mm buckle

Buckle **belt** 

Special features inner revolving 24 hours ring 3rd timezone served by

slit-headed crown at 8h

Edition ref.

3902.19/66 LBO purists of 24-hour watch with two timezones:

featuring an arrow-tipped 24hour hand on the 24-hours dial only



### **AIRMAN SST 12 2012**

Ref. 3903

**MOVEMENT** 

Caliber ETA 2893-2 automatic

GL 293 Swiss automatic movement

Function 12 Hours, minutes, seconds and white date

24 hour hand

Size 11 ½ "
Jewels 21 jewels

Power Reserve 42 hours

Hz 4/28'800 vibrations per hour

Finish oscillating weight on ball bearing is rhodium coated,

decorated "Côtes de Genève", and bears the engraving

of an airplane

CASE, DIAL & HANDS

Material stainless steel

Diameter 43 mm without crown

Height 11 mm

Finish satin / polished

Waterproof 20 atm

Back solid steel screwed Glass sapphire AR

Dial black with SL, blue dégradé with SL

Hands nickel SL Crown screw-down

**STRAPS** 

Material calf leather

Colors black, brown and grey

Width 22 mm horns / 22 mm buckle

Buckle **belt** 

Special features inner revolving 24 hours ring 3rd timezone served by

slit-headed crown at 8h

Edition ref.

3903.199/66 LBN9 purists of 24-hour watch with two timezones:

featuring an arrow-tipped 24hour hand on the 24-hours dial only



# AIRMAN Vintage 1953 2012

Ref. 3904

#### **MOVEMENT**

Caliber ETA 2893-2 automatic

GL 293 Swiss automatic movement

Function 24 Hours, minutes, seconds and red date

Size 11 ½ "

Jewels 21 jewels

Power Reserve 42 hours

Hz 4/28'800 vibrations per hour

Finish oscillating weight on ball bearing is rhodium coated,

decorated "Côtes de Genève", and bears the engraving

of an airplane

#### CASE, DIAL & HANDS

Material stainless steel

Diameter 42 mm without crown

Height 11.80 mm without magnifier

Finish satin / polished

Waterproof 20 atm

Back screwed see-through mineral glass
Glass double domed sapphire with magnifier

Dial domed, silver

Hands nickel with special old brown SL

Crown screw-down

#### **STRAPS**

Material high-tec fabric material

Colors black

Width 22 mm horns / 22 mm buckle

Buckle **belt** 

Special features top ring is positioned by a special spacer system at 4h

with hatched crown



# AIRMAN N°1 "Play it again Sam!" 2013

#### **MOVEMENT**

Caliber NOS Felsa 692

Function 24 Hours, minutes, seconds and red date

Size 11 ½ "
Jewels 23 jewels

Power Reserve 44 hours

Hz **2** ½ **Hz** 

Incabloc

Anti-magnetic

#### CASE, DIAL & HANDS

Material yellow, red and white gold
Diameter 36 mm without crown

Height 10.75 mm
Finish polished

Waterproof water protected

Back screwed, bears the engraving of an airplane

Glass domed plexi
Dial black with SL

Hands yellow, red and white gold with SL

Crown sticker crow

#### **STRAP**

Material alligator imitation calf

Width 20 mm horns / 16mm buckle

Buckle **belt** 

Special features top ring is positioned by a special spacer system at 4h

AIRMAN "No. 1" with NOS Felsa 692 - trilogy

to celebrate 60th birthday

limited edition one Box with 3 watches



# **AIRMAN Airfighter 2014**

Ref. 3921

#### **MOVEMENT**

Caliber GL 754 Swiss automatic movement

Function 12 Hours, minutes, seconds and black date

24 hour hand

Size **13** 1/4 "

Jewels 25 jewels

Power Reserve 46 hours

Hz 4/28'800 vibrations per hour

Finish Ruthenium skeletonised airplane on oscillating weight

on ball bearing. Bridges rhodium coated and decorated

"perlé", visible screws in blue finish

#### CASE, DIAL & HANDS

Material stainless steel black PVD coated

Diameter 46 mm without crowns

Height 14.95 mm

Finish satin / polished

Waterproof 20 atm

Back sapphire glass AR
Glass sapphire double AR

Dial blue dégradé with SL, black carbon with SL and red with SL Hands gild black painted with SL, small counter nickel with SL

and orange second counter for carbon dias

Crown crew-down rubber crown

#### STRAPS

Material calf

Colors blue or black with colored stitching

Width 24 mm horns / 22 mm buckle

Buckle **belt** 

Special features start - stop - reset left hand side mechanism

special back circle ring engraved.

special box with additional whole black strap and tool



### AIRMAN Seven 2014

Ref. 3919.18, 3919.19

**MOVEMENT** 

Caliber GL 230 Swiss automatic movement

Function hours, minutes and seconds, red date display,

2 additional time zones

Size

Jewels 25 jewels

Power Reserve 38 hours

Hz 4/28'800 vibrations per hour

Finish special Glycine rhodium coated oscillating weight on ball

bearing. Glycine embossed rotor with special engraving

CASE, DIAL & HANDS

Material stainless steel

Diameter 46 mm without crown

Height 13.87 mm with see-through back

Finish polished Waterproof 20 atm

Back screwed see-through sapphire glass

Glass sapphire double AR

Dial domed, silver black rotor embossed dial with SL,

deep blue translucide rotor with SL

Hands steel with SL Crown sticker crown

**STRAPS** 

Material calf alligator imitation

Colors black, blue, hell and dark brown Width 24 mm horns / 22 mm buckle

Buckle **belt** 

Special features selfwinding movement GL230, based on GL224 with additional

module to show 2 time zones. Which can be set either with hand

setting crown at 2 o'clock or with the button at 4 o'clock

by a simple push.



### AIRMAN N°1 2014

Ref. 3944.19

#### MOVEMENT

Caliber GL 293 Swiss automatic movement

Function hours, minutes and seconds, 24hours hand, red date

Size 11 ½ "
Jewels 21 jewels

Power Reserve 42 hours

Hz 4/28'800 vibrations per hour

Finish oscillating weight on ball bearing is rhodium coated, decorated "Côtes de Genève", and bears the engraving of an airplane

#### CASE, DIAL & HANDS

Material stainless steel

Diameter 36 mm without crown

Height 10.75 mm
Finish polished
Waterproof 10 atm

Back solid steel screwed domed plexi
Dial black with SL,
Hands nickel with SL
Crown sticker crown

#### **STRAPS**

Material high-tec fabric material, calf leather

Colors black

Width 20mm horns / 20mm buckle, 16mm on special calf leather

Buckle belt

Special features top ring is positioned by a special spacer system at 4h

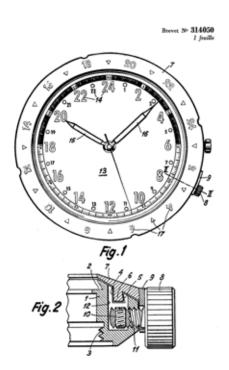
with hatched crown



# Wrap it up



We looked for the original Patent document in 2009 but found only theapplication and the names Hans-Werner Samuel Glur and Charles Hertig. Emre Kiris, Glycines independent historian, recently dug it up and put it on his Unofficial Vintage Glycine Watches Website: glycintennial.com. Emre is preparing for the one hundredth birthday of Glycine in 2014. In the patent we find the words of Samuals letter to Charles in 1953. For a long time I wondered what exactly was patented. It turns out to be the rotating bezel in combination with the lock mechanism. The patent even mentioned the long tail end on the minute hand for reading thirty minutes time difference. With the launch of the Airman in 1953 Glycine became trendsetting in the use of a turning bezel for reading a second time zone. This made Glycine a precursor in the development of a watch that could tell different times simultaneously which resulted in the world famous GMT watch. In 1954 Rolex combined a GMT movement and the 24-hour bezel in the Rolex GMT Master Ref. 6542 aka Pussy Galore. It was developed on the basis of a regular Turn-O-Graph Ref. 6202. The modifications were a different bezel and a modified movement.



Patent drawings

№ 314050



Nº 314050

CONFÉDÉRATION SUISSI

### BUREAU FÉDÉRAL DE LA PROPRIÉTÉ INTELLECTUELLE

## **EXPOSÉ D'INVENTION**

Publié le 14 juillet 1956

Classe 71 k

Hans-Werner-Samuel Glur, Evilard (Berne), est mentionné comme étant l'inventeur

#### BREVET PRINCIPAL

#### Hans-Werner-Samuel Glur et Charles Hertig, Evilard (Berne)

Demande déposée : 2 décembre 1953, 181/2 h. -- Brevet enregistré : 31 mai 1956

#### Montre 24 heures

L'horaire des services de navigation aérienne étant basé sur l'heure de Greenwich (GMT), il est indispensable pour le personnel affecté à ces services de pouvoir prendre connaissance à n'importe quel moment de l'heure GMT, indépendamment de l'heure locale. Dans ce but, il faut régler sa montre sur l'heure GMT. Pour connaître l'heure locale, il faut ou bien utiliser une seconde montre, ou alors faire chaque fois mentalement le calcul de transformation nécessaire. Les montres dites à heure universelle, indiquant simultanément l'heure dans tous les fuseaux, ne donnent pas satisfaction dans le cas particulier.

Le but de l'invention est de remédier à ces inconvénients en créant une montre 24 heures indiquant en même temps seulement deux heures différentes, par exemple l'heure GMT et l'heure locale d'un endroit déterminé, et évitant au porteur la nécessité de faire chaque fois une opération mentale d'addition ou de soustraction. Cette montre est caractérisée en ce qu'elle comprend un élément mobile coaxialement au cadran de la montre, cet élément et le cadran portant chacun un tour d'heure gradué de 1 à 24, ledit élément étant monté de manière qu'il soit susceptible d'être amené à volonté dans n'importe quelle position angulaire autour du cadran, et en ce qu'elle comprend en outre des

moyens pour fixer momentanément ledit élé- 30 ment dans cette position.

Une forme d'exécution de la montre, objet de l'invention, est représentée, à titre d'exemple, au dessin annexé, dans lequel

la fig. 1 en est une vue en plan'; et

la fig. 2 est une vue en coupe d'un détail, suivant la ligne II-II de la fig. 1.

La montre représentée comprend une carrure 1, dans laquelle sont taillés un cran de glace 2 et une partie filetée 3, destinée à recevoir un fond étanche non représenté.

Une rainure annulaire 4 est creusée dans la face supérieure de cette carrure 1, de manière que la paroi extérieure 5 de cette rainure soit légèrement conique, en vue de retenir à cran 45 une collerette 6 d'une lunette 7. La rainure 4 et la collerette 6 ont des dimensions telles que la lunette 7 peut être mise en place sans difficultés et tourner coaxialement à la montre pratiquement sans résistance.

comprend un élément mobile coaxialement au cadran de la montre, cet élément et le cadran portant chacun un tour d'heure gradué de 1 à 24, ledit élément étant monté de manière qu'il soit susceptible d'être amené à volonté dans n'importe quelle position angulaire autour du cadran, et en ce qu'elle comprend en outre des

In most languages the word Glycine is associated with an "Amino Acid" C2-H5 NO2 formed by hydrolysis of proteins. The compound was first isolated in 1820 by enri Braconnot, a French chemist and pharmacist who discovered this "gelatin sugar" by mixing gelatin with sulfuric acid and bringing it to a boil.

The genus name Glycine was originally introduced by Carl Linnaeus (1737) in his first edition of Genera Plantarum. The word Glycine is derived from the Greek glykys (sweet) and likely refers to the sweetness of the pear-shaped (apios in Greek) edible tubers produced by Apios Americana.

The Glycine and Wisteria genus are part of the Fabaceae family.

Why some languages use Glycine and others Wisteria stays unclear. In Italian, Polish, Portuguese, Romanian, Latvian, French and Galician the word Glycine actually stands for the Wisteria vine. In Germany Glycine and Blauregen. Some confusion is inevitable. La Glycine is named after the Wisteria vine.

As Emre Kiris suggests, founder Eugene Meylan possibly chose the name because the vine produces flower buds on "old wood" which refers to the "old Meylan family" and their accomplishments in the Watch industry. We find these words echoed in Katheraina Brechbüllers explanation for the name Glycine "The name is chosen for the character of this vine. It grows everywhere. It is strong. Doesn't need a lot of tending. And despite all creates a magnificent flower. Glycine was founded in 1914. We find ourselves in the last days of the Jugendstil period (1880 en 1914). This period is characterized by organic, especially floral and other plant-inspired motifs, as well as highly stylized, flowing curvilinear forms. Frequently combined with slim female figures. Graceful is the keyword and we find it in the early ladies watches Glycine made. If you check the old Basel Fair ad on page 15 you see that it matches the Glycine profile for those days.

History shows that the vine name fits Glycine like a glove, trendy and persistent. Under all circumstances growing a flower on its branches.

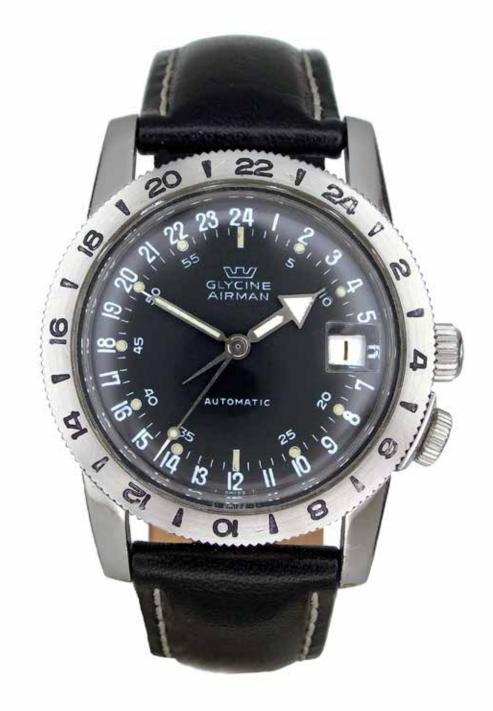


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What is this fascination with the Glycine Airman? Strangely enough if it was just an ordinary 12-hour watch I wouldn't have given this or any other watch a second thought. For me time is a feeling. If I need to get up at half past seven in the morning I just tell myself to wake-up on time. My appointment at half past seven in the evening can easily be marked as well. It's around the time I finish my espresso, which I enjoy after dinner. On a 12-hour watch both these events take place at half past seven. No wonder people, living in a 24-hour world, get confused and stressed about time. They never have enough time on their hands when caught in this 12-hour circle. With a 24-hour watch the complete day is available to you. No need to rush, just take it step by step and enjoy every hour of this fine day. This is my fascination with 24-hour watches.

The Glycine Airman, first made in 1953, is a very special and at that time one of a kind 24-hour watch. In the aftermath of the war, which had stretched over 24-hour time zones, the world was rapidly getting smaller. People scouting around the world experienced this 24-hour time. By producing the Airman, Glycine was one of the first watch companies to visualize this awareness. Not only did it show home- and traveling-time, it also showed you in one glance what part of the day both time zones had passed or what part lay before you. Yet another war made this Airman the best selling 24-hour watch of the world. The Vietnam War had tens of thousands US soldiers abroad who all liked to know when their loved ones got up or went to sleep. Today the complete world has arrived on our kitchen table. The global awareness through the Internet is complete and soon the 12-hour watch won't cover it anymore. My fascination with 24-hour time and this Airman, culminated in the 24hourwatch.info and glycineairman.info website. In 2005 the idea arose to write an ode to this exceptional timepiece. With my dear friend Eddie I visited Glycine in March 2009. We met with Katherina and Hans Brechbühler and had their private collection of Airman watches at our disposal for a two days photo shoot.

During most of 2009 we worked on the book and lots of friends helped us to bring this project to a good end. In 2012 I met with Stephan and Nicole Lack in Amsterdam. A second revised edition of the Airman book was planned. Some additional new and rare Airman models were added to the overview. C. Hertig Jr. and W. Siegrist shared some insights into the companies early years that I added to the book. The new sixth generation was introduced in a new chapter. The chapter Work in Progress was replaced by the chapter Rare Airman. Some loose ends are dealt with in this chapter "wrap it up".



Airman with Glycine Crown introduced around 1967

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### Glossary

**24 hour watch:** watch with an hour hand that completes one revolution every 24 hours.

A. Schild: automatic watch movement used by Glycine between 1960 and 1978.

**Aficionados:** one who has an intense, occasionally overwhelming liking and enthusiasm for a product.

AM: ante meridiem, Latin: "before mid day" English: "before noon".

AOPA: Aircraft Owners and Pilots Association.

**ATM machine:** automated teller machine is a computerized telecommunications device that provides the clients of a financial institution with access to financial transactions in a public space without the need for a cashier, human clerk or bank teller.

Automatic movement: see self-winding.

**Bezel:** rotating rim on watch indicating data such as a second time zone.

**Branding:** technique for marking livestock so as to identify the owner. Branding evolved into a complex marking system still in use today.

**Chronograph:** timepiece or watch with both time keeping and stopwatch functions.

**Chronometer:** watch tested and certified to meet certain precision standards.

ETA: automatic watch movement used by Glycine for the 5th generation Airman.

Fake: term used to describe or imply something which is false.

Felsa: automatic watch movement used by Glycine between 1950 and 1960.

**Franken watch:** a watch where parts have been changed such that it really has become more of a personal project than the original watch.

GMT: Greenwich Mean Time.

GMT watch: watch with two hour hands for setting a second independent time

zone. One 12 hour hand for the local time and one 24 hour hand for the second timezone.

Hack second: movement that has the "complication" to stop the second hand.

NOS: new old stock are old never used watches or watch parts.

PM: post meridiem, Latin: "after mid day" English: "after noon".

**Private label:** products that are manufactured or provided by one company for offer under another company's brand.

**Purist:** one who desires that an item remains true to its essence. In the case of a 24 hour watch it only depicts 24 hour time.

**Régulateur:** master clocks, which were used to adjust or regulate the production of watches. To adjust properly, the master clock was read by consulting each hand separately. The classic Régulateur has a subsidiary hour hand, a subsidiary second hand and a central minute hand.

**Rotary:** an international service club whose stated purpose is to bring together business and professional leaders in order to provide humanitarian services encourage high ethical standards in all vocations, and help build goodwill and peace in the world. It is a secular organization open to all persons regardless of race, colour, creed, religion, gender, or political preference.

**Self-winding:** mechanical watch, whose mainspring is wound automatically by the natural motion of the wearer's arm, to make it unnecessary to manually wind the watch.

Time zones: region of the earth that has uniform standard time.

**Tjalk:** Frisian sailing freighter. Built from the 18th century until about 1930. 12 to 20 m long and on average 3.5 m wide, with a maximum of 4 m (based on the standard dimensions of Frisian bridges and sluices).

**UTC:** Coordinated Universal Time, time standard based on International Atomic Time.

Vintage watch: antique watch.

Worldtime watch: watch which displays the time for 24 places around the world.

