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Rolex GMT Master - History, genesis....Review. Author baba78 Subject: Rolex GMT Master - History, genesis....Review. Mar June 27 - 23:54 The GMT Master from Rolex (translated sites, docs, books...). Birth: Rene-Paul Jeanneret was one of the most important executives at Rolex in the Fifties and Sixties. Its title was that Registered voter it: Mar 26, of director of the public relations, but it was much more, it was implied in many the activities of Rolex like 2006

Messages: 957 Localization: There or Louis XIV had his hut.

the invention of new watches, although its name does not appear on any the patents of this period. Jeanneret was an active sportsman in many fields, like the ski and the diving.

With beginning of the year 50 he proposed the concept of the watches known as tools. A watch specifically designed for the practice of a sport or an activity individual. The results of this concept appeared on the Rolex stand in 1954 in Basle, in three forms: to explore for "the sportsmen", Submariner for L " be plunger" and Turn-O-Graph for "the business men".

The watches proved all to be great successes and thus it was not a surprise when largest airline company of the world, the PAN-AM (one also speaks about Alitalia for Europe), wanted a watch which would make it possible their pilots to check time in two places different from the sphere. Jeanneret was thus to contact to work out this model, as well as the Captain Frederick Libby (pilot veteran of the second world war), Jeanneret proposed the idea of a watch with an additional needle carrying out a rotation of dial of 24 hours and directional glasses identified by these same 24 hours. The watch, in itself was a typical product Rolex, it was a base 6202 "Turn-O-Graph" with different glasses and the movement 1030 normally adapted to Turn-O-Graph on which an additional turbine wheel for the 24 hour and a disc of day of the month was added. Thus was born 6542, the first GMT Master.

Genesis:

The modifications made to Cal. 1030 mentioned above, allowed this new whole and exclusive gauge to obtain the certification COSC and taken as reference: 1065.

The external aspect of the watch was very resembling Turn-O-Graph and in Submariner, it was thin and without "shoulder" protective of the crown.

The GMT (Greenwich Mean Time), was also the first Rolex model to be integrated, to inaugurate the magnifying glass of the day of the month, the cyclops.

These first models GMT (ref. 6542) are immediately identifiable by their bakelite glasses. These glasses were besides the first element modified in 1956, leaving room to steel glasses (the glasses bakelite contained a dangerous quantity of Radium).

The cosmetic charm lost some, but the medical side, resistance to external UV and another elements were improved.

Because of the growth of the PAN-AM, in particular of the fleet of Boeing 707, the majority of the watches leaving to Rolex were bought at once by the PAN-AM, it was by rare aboard plane, only the pilot, the copilot or the navigator carries a GMT. For this reason, Juan Tripe, the chairman requires at Rolex to manufacture a hundred watches which to be quite different from the others are equipped with white dials, they are often reserved to the senior executives of the company, therefore on the ground (this point is a great mystery, since several theories try to show that these famous "White Dial" never existed).

The new model, the 1675, proved to be a model quite born and succeeded, unlike Submariner, the 1675 did not evolve/move during almost 25 years. It had the "shoulders", the dial is printed color "money", rather than the color slightly "gilded champagne" on the 6542, and the dial, mentions "Superlative Chronometer Officially Certified to him", instead of "Officially Certified Chronometer" as on the 6542. New the GMT is actuated by the new gauge 1565 "Microphone-Stella", this new gauge was capable of an exactitude much larger.

Rolex, at the beginning perceived the GMT "only" like a watch of airline pilot. The booklet of the Sixties the included for this reason instructions for the pilots in the way of using the watch like compass of help, "in the northern hemisphere needle GMT can also be employed like compass.

"Direct simply the needle of hour towards the sun and automatically the red needle of the 24:00 will indicate North...! In the southern hemisphere it indicates... the South"

With the introduction of travel long mail, the GMT progressively will leave the only wrist of the pilots, much of people travelled now between the countries and naturally between the time zones. For these new international travellers the GMT was the answer to their wish, however that gone to be the use by these people which will become the impulse for the next changes of the GMT. The fact was that the people having the means of travelling by plane in years 50/60 was enough rich to have the means of offering a watch out of gold and thus in answer to this request, Rolex started to make gold models. The philosophy of Rolex design was of always to make a progressive improvement of an existing product, rather than to change the watch completely. The first modification, in 1976 was the device of stop second, then, seven or eight years after the device of fast change of date arrived. The two devices are interesting fact they were designed to facilitate the use of the watch and its perceived quality. At the end of the Eighties the 1675 were replaced by two new models, la16700 which was out of steel and had hooping of the luminous indices in white gold. The other, the 16710, employs new gauge 3085, making it possible to move needle "GMT" ahead or towards the back by carrying out one hour precise jumps. The news Master II was available in all the metal combinations, while the 16700 was only available out of steel.

Evolutions:

6542:

Initiating reference of this model.

It is mainly recognizable with its crown without shoulders and with its counter dates with the red even figures.

This model evolved/moved under the same reference, they are explained below:

it first model had the mention of sealing, registered in red. It was equipped with the movement 1036 and GMT switches it was fine and red. To note, that the needles and the inscriptions were of gilded color champagne (gilt). it second evolution, it, was identical, only the inscription of the sealing disappeared.

It Third evolution, had the same distinctions as the first, setting with share which the cyclops disappeared. The movement, is to him one 1065.

it fourth evolution saw its glasses bakelite changed against one into steel. The needle of the seconds became white and the movement was then one 1066. The cyclops remakes its appearance.

- An ultimate evolution, marketed at the same time as the 1675, had a dial with white markings, railroad included/understood and a date written in black. Instead of SWISS with 6:00, it is mentioned Swiss T<25.

The 1675:

it models sees appearing shoulders of protection of the crown, the latter are known as pointed, from their form.

The movement is then one 1565. The needle of the seconds is again gilded.

it second evolution, was the increase in the triangle of needle GMT.

it third evolution, it, establishes white and either gilded markings of the dial, put aside the railroad which remains gilded. As for the day of the month, it is posted now only in black on white zone.

 $it\ fourth\ evolution,\ it,\ is\ characterized\ by\ markings,\ including\ the\ railroad\ in\ white.\ The\ movement\ evolves/moves,$

it acts of the 1575.

it fifth evolution is recognizable with the shoulders of crown henceforth square and either pointed. The dial also changes, the railroad is replaced by a graduation not connected. As for the needles, they all are now chromium-plated metal.

it sixth evolution is very light has to notice. The graduation of the dial has just "sticks" longer all the 5mins. The 1675 see appearing in 1970 the very black glasses.

16750:

it models is in any point identical cosmétiquement to the last evolution of the 1675. Only the movement changes, they are now the 3075.

The 16750 can have 2 types of tallying > painted or ringed Index.

Glasses are plexi for the 1st series then Saphir.

16700:

it models is identical cosmétiquement to the 16750. Only the directional glasses are slightly modified. On the other hand, side dial, the ringed indices make their appearances as well as the needles in white gold. Glass sapphire also makes are appearance and the movement is the 3175.

16760:

it is identical to the 16700, only the movement is modified, they are the 3085 and glass is in plexi. Mention GMT Master II appears on the dial. The 16760 sees appearing the black and red glasses.

16710:

it is identical to the 16760. Only glass sapphire differentiates them.

NOTE: It is the GMT which introduced the cyclops at Rolex.

One prefers speech of the time which makes rather than time which passes.

Last edition by the Sea June 28 - 0:03, published 1 time





Registered voter it: Mar 26, 2006 Messages: 957 Localization: There or Louis XIV had his hut. Subject: Re: Rolex GMT Master - History, genesis....Review.

Mar June 27 - 23:54

Special series:

6542:

"PAN-AM"

Based on one 6542, it is different by a white dial. He thinks that models itself was a special ordering of the chairman of the company, which wished a model differentiating the executives on the ground from the sailing personnel, the pilots more exactly. This model is certainly one of most enigmatic, a true legend, since it was difficult until really proving its existence today.



The 1675:

"Royal Navy"

Based on one 1675, fifth evolution, equipped with the movement 1575, it is different mainly by "T" encircled on the dial.



The 1675: "Blue Glasses"

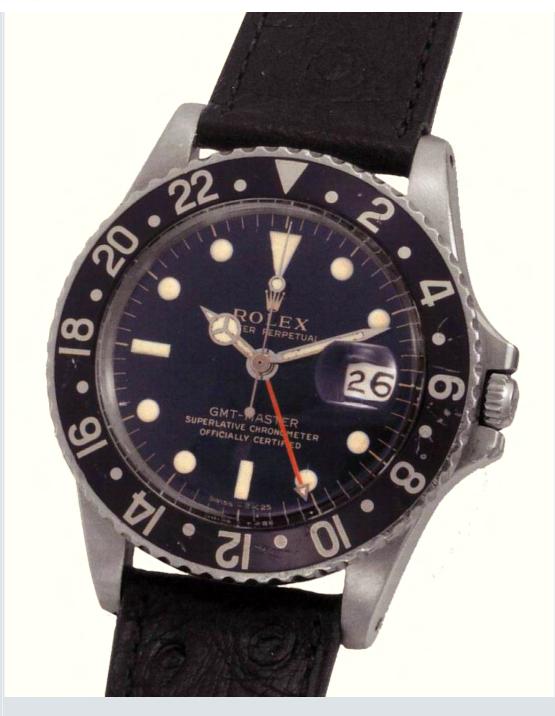
Based on one 1675, fifth evolution, equipped with the movement 1575, it is different mainly by the entirely blue glasses. I am unaware of the source of this characteristic. Special order? Special series? Equipment of armed forces (One speaks about Italy, Peru and the Emirates). Always it is that it was authenticated by Rolex.



The 1675:

"Fuerza Aerea Del Peru"

Based on one 1675, fifth evolution, equipped with the movement 1575, it is different mainly by the bottom engraved "Fuerza Aerea Del Peru" in arc of circle and its entirely black or entirely blue glasses (Rolex authentification).

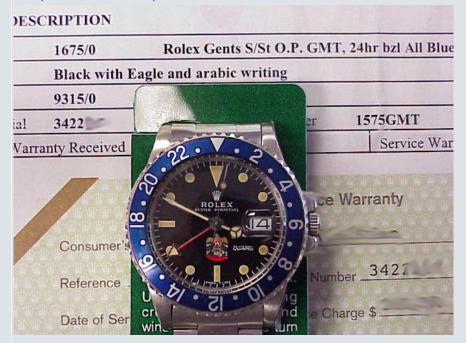




The 1675:

"U.A.E "

Based on one 1675, fifth evolution, equipped with the movement 1575, it is different mainly by the logo from the United Arab Emirates on its dial. This model also existed with specific glasses, entirely blue, approved by Rolex (see the bulletin of revision).



16700:

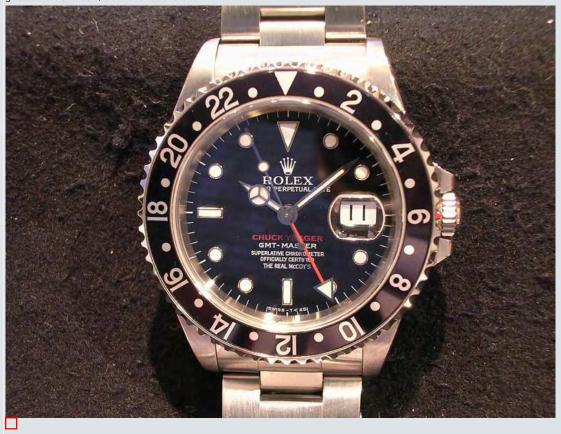
"Chuck Yeager"

Based on one 16700, it is different by the red writing on the dial mentioning the name from the héro. 2

engraved bottom were available in 50 specimens each one.

- One says "Glamorous Glennis", small name of Beautiful X-1 of the records and the F-15 having been used to commemorate the event.
- The other says X-1.

Its GMT were exclusively sold in the stores "The Real Mc Coy' S" (manufacturer of wind-breaker aviator). 2 glasses were available, black and red and black.



16710:

"Chuck Yeager"

Based on one 16710, it is different by the red writing on the dial mentioning the name from the héro. 1 only engraved bottom were available in 100 specimens.

Its GMT were exclusively sold in the stores "The Real Mc Coy' S" (manufacturer of wind-breaker aviator).





The legend:

The history and the birth of the GMT are bent wings... since the GMT had predilections for the surfaces, the latter will be found quickly with the wrist of many pilot and particularly of the one of the pioneers of modern aeronautics.

In 1944, a program is launched by the US Air Force in order to reach speeds very fast, to see, cross the wall of the sound and that on board a plane rocket, the Beautiful SX-1 (Sonic experimental - 1) released since a large transport aircraft.



In August 1947, Chuck Yeager, from its feats of arms and its prowesses with the ordering of fighter plan, is selected to conclude is programmed ambitious and is sent to the air base of Muroc in California, as an officer of the X1 project.

On October 14, 1947, this officer will become the first man to cross the wall of the sound, with his wrist a Rolex.

Following the commemoration of this event, in 1997, Chuck Yeager will carry a GMT for crossing again the wall of the sound on board a F-15.

A limited series, very rare and sought was born following this collaboration besides.

Chuck Yeager - Some important facts:

- At the end of 1944, it succeeds in the exploit to cut down Messerchmitt 262 (first German jet fighter) on board its hunter with propeller.

October -14, 1947, the wall of the sound east crosses.

December -12, 1953, Chuck continues its tests, it crosses day there, 2640 km/h on board a Beautiful X1-A. This known record same fate as that of 1947 (not homologation, because released since a carrier + secret flight).

- Yeager ordered the aerospace school of pilots of research of the Air force to train pilots for the space programs. The half of the astronauts who were useful in the programs Gemini, Mercure and Apollo were graduate school of Yeager.
- Yeager directed the development of the space simulators and the introduction of the computers to the pilots of the US Air Force.
- June 1973, he becomes director of the center of inspection and the safety of the Air force with Norton. It Général Yeager flew on 201 types of military aircraft and has more than 14.000 hours of flight, with more than 13.000 in fighter plans. It in particular flew on the SR-71, F-15, F-16, F-18 and F-20 Tigershark. it number of medal, rewards and another distinction amount to several ten.



Chuck Yeagger and its GMT...

Among the senior pilots using the GMT, have could also count those selected by NASA for the flights on X-15 (released supersonic aircraft of a large transport aircraft).



One of pilots on X-15 (that Neil Armstrong has also to control CQFD), Pete Knight, wrote the following thing at Rolex after the mythical flight 2-53-97 (Absolute records speed for plane a manually-controlled, 15th and last flight of the X-15A-2):

"I finally stole on October 3, 1967 at a speed of 7.269 km/h or Mach 6.72 and all the systems functioned correctly except certain damage, by the heat, located on the belly of the apparatus. I carried my GMT during this flight and during several months before and it took only a few seconds per day".

The truth is that the apparatus had been very seriously damaged, the ventral fuselage having shown temperatures of more than 1600 degrees. The plane could have disintegrated...

The others pilot of X-15 also wrote at Rolex about their watches but the history of the flight mentioned previously is perhaps most interesting.

Although the watch having been made at request of the PAN-AM, much of other professionals of the airs raised it, in particular the military pilots, because capable of posted the hour to the military format (24h) and civil (12h). Some GMT were produced besides specifically about 1960 for the British army, it is recognizable with "T" just surrounded in lower part of the axis of the needles. A very rare version today. The army Italian, Peruvian and with the United Arab Emirates would have been also equipped with 1675 with entirely blue glasses, that remains to be checked concerning Italy.

NASA:

To conclude on this subject (sky...), all impassioned know that the astronauts of NASA were equipped with the Omega Speedmaster, however much of astronauts had their own Rolex GMT, which had become the watch of the pilots and other aviators, and they continued to constantly carry them including during the space flights. Jack Swigert would have used its GMT on the mission Apollo 13 in order to time the firing of the rockets for the return to earth. Version highly discussed besides vis-a-vis the use of Speedmaster, always is it that the

There exists, on this subject, in a book, an extract of a letter of Swigert Jack addressed to Rene-Paul Jeanneret:

"with my old friend Rene Jeanneret who allowed me to be always per hour. With my sincere thanks, Swigert Jack".



Swigert jack and its GMT.



Swigert jack and its GMT gold on Jubilee.

Transglobe Forwarding:



Transglobe is a forwarding carried out of 1979 to 1982.

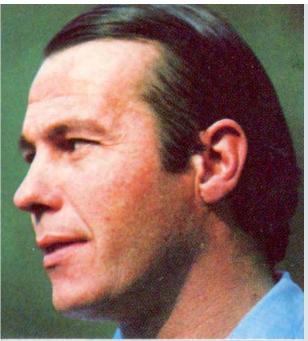
This forwarding was made up of approximately 34 people. But the hard core, the TEAM LAND was composed of 3 people (see below) the remainder being technicians, radio operator assistants, logisticians, pilot etc often already positioned at the stopovers.

Presentation of the "TEAM LAND":

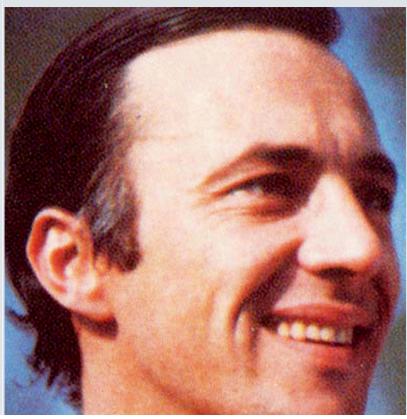
- 1. Ranulph Fiennes, leader of Transglobe.
- 2. Charlie Burton, mechanic and cook.
- 3. Oliver Shepard, mechanic, Doctor, Meteorologist.



Ranulph Fiennes.



Charlie Burton.





Oliver Shepard.

This forwarding, was the first of the kind, to cross the sphere from in by, on its axis, that is to say North in the South via Europe and the Sahara...

The forwarding which lasted 3 years started in Greenwich then moved towards Paris and Barcelona.

From there, forwarding moved towards Algiers, to start to cross it from the Sahara for finished to Abidjan.

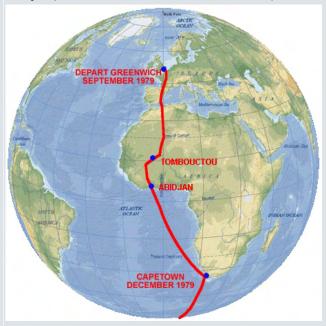
The South of the African continent was then reached for finally touching the ground of south pole.

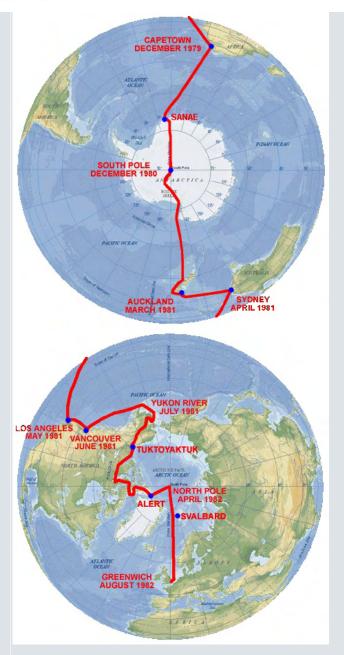
Point more in the South of the sphere, forwarding with joined the Zealand News, then has to forward in Sydney, in Australia.

From Australia, Los Angeles was joined, then forwarding reached Alaska for then pricking towards the north pole for finally, to join Greenwich.

This great ballade, is obviously not only one human performance, it was also used as scientific exhibition, or meteorology, glaciology etc were studied, about thirty topic in all.

The layout (I am on JM would be able "to be stuffed" this strolls):





This forwarding required implementation a titanic, as well at the technical level, logistics as financier. Organizers, one solicited approximately 300 sponsors, some really useful as a supplier of material, other, only to join together the funds, like Rolls Royce Beverly Hills.

Among the list of the sponsors, one can see Rolex also there, indeed, Genevoise manufacture answered present at this human adventure by designing a particular watch, designed to resist the external agents which were going to be met through this epopee.

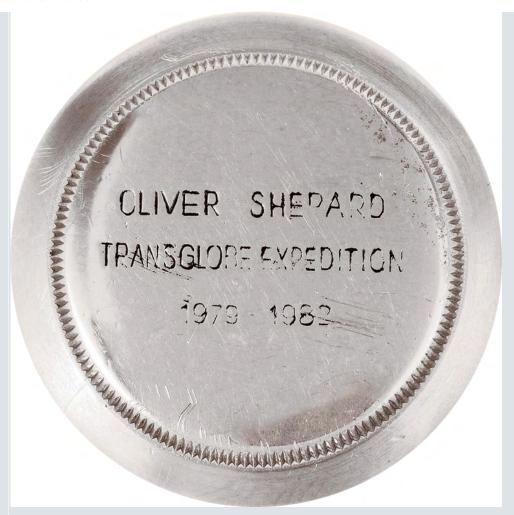
The watch provides by Rolex was one "To explore/GMT Master"!

The model was a base 1655 with inside, a gauge 1570. The dial and the needle is those equipping the 1675

GMT Master, it is at the request of Oliver Shepard that Rolex proceeded to this transformation. Three specimens were manufactured in 1979 and employed by the members of the "TEAM LAND" on Transglobe,

the specimen below, was that carried by Oliver Shepard during forwarding, as the bottom indicates it.

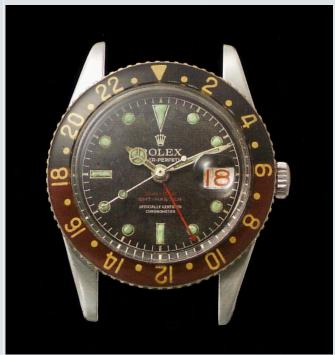




IN BULK:



Rare and very beautiful 6542 "Red".



Still rarer. One 6542 "Red" With the sealing with 50m of mentioned.



Gauge of the 6542.



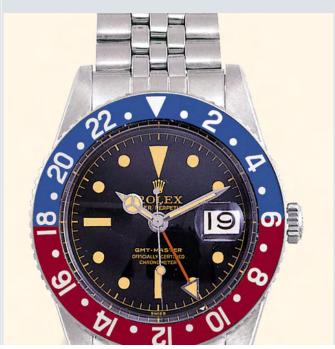
Close-up on the pointed shoulders of the 1675.



One 16760 "plexi".



1675 pointed shoulders.

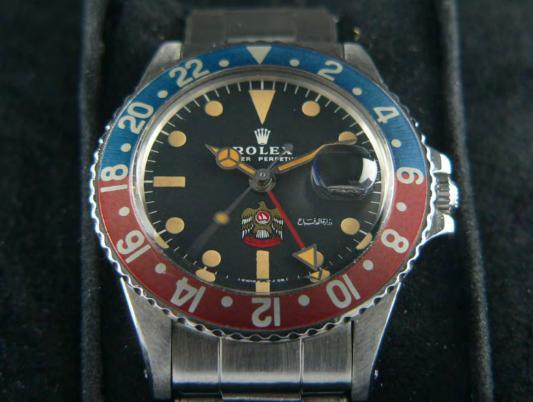




6542 insert of glasses steel.



1675 shoulders square.



1675 in equipment for the Emirates.



There is not only of the "Sub" in James Bond...





Evolution of the profiles, but also thickness...



Rare 6542 gold, with its glasses out of bakelite and its riveted out of gold.



A rough case, before machining, of one 1675.





One 1675 boned.

HOW TO USE YOUR GMT-MASTER

THE RED 24-HOUR HAND:

The 44 hour hand revolves once round the watch face every 24 hours. It is directly connected to the normal hour and minute hands and moves with them, either during the normal rounding of the watch or when the hands are being set. It is, therefore, essential that the revolving rim be used so that the transple falls on 12 officials before set of operation.

EXAMPLE OF USE

EXAMPLE OF UNE:
Supposing you are laving New York for Rome. The time shown on your worth is 14-19 hrs. You know that Rome time is six hours later than that of New York (see table below). Suring with the training at 12 offset, the paragraph about) you turn the revolving rim in a noti-declaring direction through is hours, i.e., urtil the white training fall aspains the 9 of-body points (three hours on the nortain dist corresponding to six on the outer rim). You can now and both New York rime by the normal hour hand, and Rome time (by the normal hour hand, and Rome and second hands apple; of course, to both place.

Conversely, when figing in the opposite direction (Ease-West) the coner rim is turned through the required number of hours but in a declaring discussion of the contraction.

Remember: When eravelling West-East turn anti-clockwise When travelling East-West turn clockwise.

TIME ON THE EARTH'S SURFACE:

Alaska	- race hrs.	
Los Angeles, San Francisco, 1	dage hrs.	
Vancouver	AROUND STATE	
Denver, Procesis	og.oo hes.	
Chicago, Mexico City,	of or hrs.	
New Orleans		
Miami, New York, Washington, Montreal	once his.	
Burnes Aires, Sentingo, Newfoundland	Acres bes.	
Rio de Janeiro, Sin Parle	once hru.	
Azorea	too hr.	
G. M. T., London, Madrid	13.00 hrs.	
Berlin, Geneva, Paris, Rome,	15.00 hrs.	
Stockholm Alexandris, Cairo, Istanbul	tano hrs.	
	14.00 hrs.	
Tel Aviv, Moscow		
Karachi	17.00 hrs.	
Calcutta	18.00 hts.	
Bangkok, Salgon, Singapore	19.00 hrs.	
Hong Kong, Shanghai	zo.oo bes.	
Darwin, Tokyo	gage hrs.	
Sudney, Mclivorene	za.oo kee.	
Christchurch, Wellington	24.00 hrs.	



Cities on daylight saving time, add one hour

THE ROLEX WATCH COMPANY LIMITED, GENEVA, SWITZERLAND

(C) 1500 Morrow Poles S. A.

RC 260 H 40, 15 M.

THE GMT-MASTER ... "THE FINEST TIMEPIECE FOR FLIGHT NAVIGATION"

(Major F. Libby, USAFR)

The GMT-MASTER was created by Rolex to meet the very special and exacting needs of the flying personnel of two world renowned aviation companies. Its success was immediate, 20 out of 21 niteraft captains declaring that the revolving him and twenty-four hour hand constitute an important aid to airline operations.

Major Frederick A, Libby, an active airline navigator and a senior navigator in the USAF Reserve, who has for the past two years been continually using a GMT-MASTER, the chronometer which tells the time clearly and imultaneously in any two places on the earth's surface, says

— "Two years of use has convinced me that the GMT-MASTER is
the finest timepiece available to the flight navigator".

The GMT-MASTER has also met with an enthusiastic reception from ships' exptains, members of the armed forces and international business men, in fact everybody to whom the knowledge of local time only is insufficient. With the GMT-MASTER Roles have brought chronometric precision to the art of telling the time thousands of miles away.

The GMT-MASTER is equipped with a revolutionary revolving rim, calibrated into a boom, and a red as-hour hand and, consequently, it will tell you the exact time at any two places on the earth at once. A pilot or novigator can now know, freezentaneously and at any moment, Graenwich Men Time as well as the local time wherever he may be.

Deen time as well as me local lime wherever ne may on.

The GMT-MASTER is an Olicitally Certified Chronometer which has pasted the rigorous tests of a Swiss Institute for Official Timekeeping Tests. It is 100% waterproof in its Oyster case, and thus proof against dust and dirt as well. It is subwound by the notor Perpetual mechanism which, while it is worn, not only gives the vital assurance that the watch fally wound but, by keeping the mainspring at a constant termion, also makes for greater accuracy. The date, shown in a next dial-window and magnified by the 'Cyclops' lens, changes automatically and instantaneously each midnight.

On top of this, the revolving rim of the GMT-MASTER will serve innumerable purposes. It can be set to measure elapsed time, to check the duration of telephone calls, to time car speeds or it will remind you of an appointment. There is no end to the uses you will find for it.

REGISTERED AND PATENTED DESIGN, ALL COUNTRIES

Handbook of the 6542.



CHECK THE ADVANTAGES OF THE GMT-MASTER

- Revolutionary red 24-hour hand and revolving rim calibrated into 24 hours, Simultaneous indication of local time for any two
- time-sones.

 Rolex Oyster Case, guaranteed waserproof and pressureproof to 165 ft. (so metres) under water.

 "Twinlock" double-safety winding cown which never deen arts the case.
- V Unbreskable, crackleproof
- V crystal.
 Rosor Perpetual selfwinding mechanism, suspension-







V Officially Certified Chronometer V Shock-resisting and vibrationproof.

V Guaranteed unbreakable Impossible to overwind.

Antimagnetic escapement. Guaranteed "radiation-safe" Stainless steel "Eversure" brace-let, registered "Plushfit" design.

tet, registered "Plushit" design.

The Rober Red Seal is your gua-rantee that the GMT-MASTER to which it is attached has been submitted to a Swiss Institute for Official Timekeeping Tests and has been awarded an Official Taning Certificane with the proud eith of Communitar.

REGISTERED AND PATENTED DESIGN, ALL COUNTRIES



Cal. 1036 GMT

[1050]
graced our is point do incurations automotique engineed ou the builty for subjectation mechanism.
ACTOMATIQUE CALENDRIER SECTIONER ALCENTRE
SELFWENDING CALENDRIER
SELFWENDING CALENDAR DISPOSITIF "SHOCKNESSISTING" DEVICE (*2.8,5 mm)
18.300 alternames.

Pour les fournitures générales de ce calibre, se référer aux planches du calibre 1930 For the regular parts la this calibre, please refer to plates of valibre 1930

Fournitures spéciales du mécanisme calendrier instantané pour calibre 1036 GMT Automatique, seconde au centre

Special parts for the instantaneous calendar mechanism, calibre 1036 GMT Selfwinding, sweep-second

1 262 Chausede, hauteur totale 301/108 Cannon person, total height 305/109 Tito Rane des heures double deuture, hauteur totale 216/109 Double touthing hour wheel, total height 216/109	⊗ 10	Hour de centre avec chanesée Center wheel with causese piniun		7086	Bascule de calendrier Calendar yoke
Cansum paraco, total height 305/109 Servi: Rune des heures double destute, hunteur totale Thoulis toxishing hour whiel, total height 216/109 Titl: Rune des heures 253 Zi Hour ribed Titl: Servi: Cansum paraco, total height 216/109 Titl: Catendar ring	1	An all a second	¿		Researt de basaule calendrim Calendar yoko spring
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28 Hoat stheel	(a) Ti	210/100			
Title Bour advantise Calender wheel	O TI	Roue des heures 21 h 24 Hour schael		2101	Cerole de calendrier Calendus ring
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7 7005 Vis Screw	70	Vis Screw	OWE - 20 M		



OPER HONORAN

Cal. 1065 GMT 👼 1066 GMT



gravé sur le pout de mecanisme automatique engraved on the bridge for self-scinding nucleunism

AUTOMATIQUE - CALENDRIER SECONDE AU CENTRR SELFWINDING - CALENDAR SWEEP-SECOND

DISPOSITIF - SHOCKRESISTING ROLEX - "ROLEX SHOCKRESISTING" DEVICE

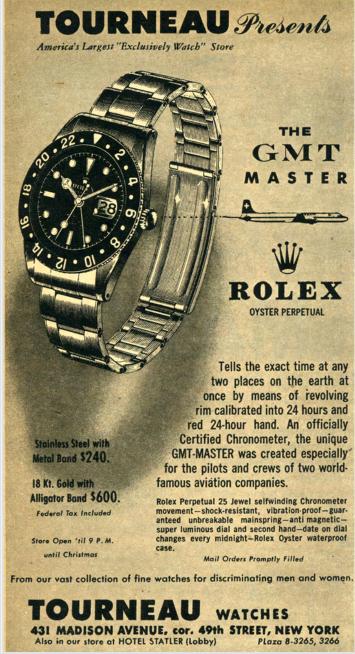
Pour les fournitures générales de ces calibres, se référer aux planches du calibre 1030 For the regulor parts in these calibres, please refer to plates of calibra 1030

Fournitures spéciales du mécanisme calendrier instantané pour calibres 1065 GMT et 1066 GMT automatique, seconde au centre

Special parts for the instantaneous calendar mechanism, calibres 1065 GMT and 1066 GMT selficinding, sweep-second

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Pub Tourneau for the 6542.



An old woman advertizing Rolex, 6542 setting ahead.

PUB (I very did not put them...):



From 0 to 55,134 feet in exactly 1 hour 9 minutes and 42 seconds.



Nothing inspires a world record holder more than the loss of his record. In 1979, it happened to Julian Nott.

52,000 feet in a hot air balloon, exceeding Nott's 1974 record by more than 6,000 feet. But Julian Nott refus-Chances Chan ed to accept defeat.

Working with a team of dedicated experts, he spent 13 months meticulously planning an attempt to regain the record.

If he was to succeed, he would have to pilot his balloon into the top ten per cent of the atmosphere. A barometric desert where freez-

ing temperatures, The record since 1972. lack of oxygen and virtually non-existent air-pressure pose a constant threat to both man and machine. Every piece of equipment

were incorporated.

For example, the pressurised cabin was constructed ists are now turning their of the very latest composite attention to the circumplastic, effecting a weight saving of nearly 80 per cent over conventional materials.

One vital piece of Julian Nott's equipment, however, remained unchanged from his 1974 ascent.

His watch. A Rolex Oyster.

"It came under the same it's not mine". Chauncey Dunn soared to close scrutiny as everything 2,000 feet in a hot air else," remarked

Julian, "but, personal preferences aside, its inclusion was never really in doubt."

In the early hours of a late October morning in Denver, Colorado, Julian Nott and his hot air balloon Innovation' began their record-breaking attempt. Using his Rolex

Oyster to enable him to always match the computer-designa-





detail. The most advanced climb, they rose to a height of technology and materials 55,134 feet. A new world record.

The world's top balloonnavigation of the earth.

Julian Nott is one of them. "Of course, choice of equipment will be crucial for this trip too," he says. "But I'll be very surprised if the first watch to go round the world by balloon isn't a Rolex. He smiles. "Even if for the ascent was chosen with agonising attention to

The Roles GMT-Master Oyster Chronometer, Available in 18ct. gold, stail or steel and gold combination. All with motching braceless.





you'd wear

When the Concorde takes off on its experimental flights through the sound barrier, the watch on board

Its tough Oyster* case is carved out of a block of 18kt. Gold or Swedish stainless steel. Inside these solid walls is a self-winding, officially certified 30-jewel Swiss chronometer. And outside, its face tells the date

and the time in two time zones at once.
It took three years to build the first Concorde. And it It took three years to build the first concorde. And it takes over a year to build every Rolex Oyster Perpetual. Care like this spells precision—Pan Am pilots who will fly the Concorde could not afford to settle for less.

The Rolex these pilots wear is the GMT-Master Chronometer. In 18kt. gold with matching bracelet, \$1,125. In steel, \$255.

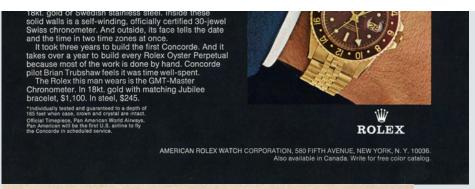




AMERICAN ROLEX WATCH CORPORATION, 580 FIFTH AVENUE, NEW YORK, NEW YORK 10036. Also available in Canada. Write for free color catalog.







Wenn Sie morgen die Concorde fliegen müßten,



Sie würden eine Rolex tragen.

Ein wichtiger Ausrüstungsteil im Cockpit der Concorde wiegt 84 g. Die Rolex. Das scheint ein bißchen schwer für eine Uhr.

Doch ihr Oyster-Gehäuse ist herausgefräst aus einem massiven Block gehärteten Schwedenstahls. Im Innern dieses Schutzpanzers läuft ein amtlich geprüftes automatisches Chronometerwerk. Und auf dem großen, klaren Zifferblatt kann man mit einem Blick die Zeiten aus zwei verschiedenen Zeitzonen ablesen Lind des Detum der



ZUITETI ADIESETI. UTIU UAS DATUITI UAZU. Eins steht fest: Die Pan Am-Piloten,

die die Concorde fliegen werden, verlangen unerbittlich Zuverlässigkeit von ihrer

Die Rolex, die sie tragen, heißt GMT-Master.

ROLEX UHREN GMBH, 5 Köln, Hohenzollernring 62, Drei Königenhaus Schreiben Sie uns! Wir senden Ihnen Prospekte.

ROLEX

How a Pan Am pilot tells the time in New York in New Delhi.

Imagine you're a Pan Am pilot, and you've just landed a giant 747 on the steamy tarmac of New Delhi airport.

Your three hundred and sixty two passengers have alighted, and you're beginning to relax.

You start wondering what your family's doing right now, back home in New York. You look at your watch. It's a Rolex GMT-Master, showing local time correct to the nearest second. So you turn the revolving outer bezel, and it tells you the time back home in New York and will keep telling you New York time for as long as from dust, dirt and water. you wish.

This unique feature obviously has many uses, both professional Oyster case. Each one is carved and otherwise.

But it's by no means the only reason why Pan Am chose the GMT-Master to be their official timepiece.

The main reason was that the GMT-Master is a Rolex Oyster.

And Rolex Oysters are built with care and patience by the most experienced craftsmen in the world.

They work on each watch for over twelve months. The final result is not a watch at all, but a 'chronometer': a fact we signify with the Rolex red seal, which you can see below.

'Chronometer'is one of the most sought-after titles in Switzerland. climbing in the Ruwenzoris in



for only a fraction of the annual production of Swiss watches.

But accuracy is not enough. To keep their precision timing, movements have to be protected

The protection we give our Perpetual movement is the Rolex out of a solid block of surgical stainless steel or 18ct. gold. Our craftsmen perform 162 separate operations to turn this chunk of metal into the toughest watch case The watch has continued to keep in the world. Then they carry out perfect time ever since, without a further 38 operations making and fitting the Twinlock Winding Crown, which actually screws down onto the case, rather like a submarine hatch.

You'll get some idea of how well the Perpetual movement is protected by reading this extract from one of the many letters which we keep (rather proudly) in Geneva

"Two of us spent ten days

13,000 ft., after a tiring march; it was in the evening and very cold with rain, sleet and snow falling. During a brief break I went to a stream nearby for a quick wash, and as I was taking off the Rolex it slipped through my numb fingers into the stream. A foot downstream from where it had fallen the stream dropped into a fivefoot hole and continued its

course for the next twenty yards underground. It being nearly dark and cold I was unable to see the watch and offered a reward to anyone who could return it to me next day.

"The stream was almost freezing having come from a glacier a mile higher up, nevertheless next morning the porters were in the stream and after half an hour found the watch caught by its strap in the fast flowing water and still working . . . even a cleaning.'

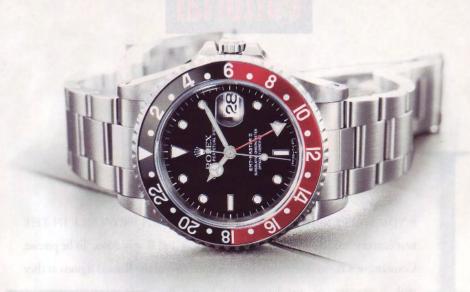
This was sent to us by an Englishman living in East Africa. Obviously, owning a Rolex gives him a great deal of satisfaction.

Almost as much as it gives our craftsmen, who spend their lives making sure that each Rolex they make is a superb example of their

Owning one is almost as satisfying as making one.



Pictured: The Rolex GMT-Master, Available in 18ct. gold, stainless steel or steel and gold combination. All with matching bracelets.



Even the most savvy travelers can use a helping hand.

For frequent international travelers, it can be more than a trifle challenging trying to juggle schedules in two different time zones. For these highly mobile executives, there's the Rolex GMT-Master II. This ruggedly handsome and dependable timepiece is

equipped with a supplementary 24-hour hand that enables a traveler to determine at a glance the time in a second time zone. This makes international travel a little less disorienting, and shows that for weary travelers four hands can be just the ticket.



Rolex Oyster Perpetual GMT-Master II in stainless steel with matching Oysterlock bracelet. For the name and location of an Official Rolex Jeweler near you, please call 1-800-36ROLEX. Rolex, \$\Psi\$, Oyster Perpetual, GMT-Master II and Oysterlock are trademarks.

Für Weltreisende ist eine Rolex von unschätzbarem Wert.

Seit 1937 bewegt Thor Heyerdahl ein Traum: zu erforschen, ob die alten Kulturen von Inseln im Pazifik, von Mexiko, Peru, Ägypten und Mesopotamien einen gemeinsamen Ursprung haben könnten. Es geht ihm um den Nachweis, daß der Mensch lange vor den Seereisen der Europäer in der Lage war, die drei Ozeane zu überqueren.

1947 stach Heyerdahl von der peruanischen Küste aus mit dem aus Balsaholz gebauten Floß "Kon-Tiki" in See. 101 Tage später landete er in Polynesien.

1970 segelte Heyerdahl mit dem Papyrusboot "Ra II" von Afrika ab. Nach 57 Tagen erreichte er

Barbados ienseits des Atlantik.

1977/78 baute Heyerdahl im Irak aus Reet das Boot "Tigris" und fuhr damit über Oman und Pakistan bis an die Einfahrt zum Roten Meer. Die Weiterreise wurde durch Krieg in der Region verhindert, aber die "Tigris" hatte gezeigt, daß es für die drei alten Weltkulturen von Sumer, aus dem Indus-Tal und von Ägypten möglich war, über das Meer miteinander in Verbindung zu treten.



"Die Ozeane trennten die alten Kulturen nicht", sagt Heyerdahl. "Sie verbanden sie miteinander."

Der Erfolg von Heyerdahls Expeditionen beruht auf sorgfältiger Planung und äußerster Genauigkeit in iedem Detail.

"Wir sind mit genauen Nachbildungen der ersten Schiffe gefahren, die von den frühen Seefahrern gebaut wurden", sagt Heyerdahl.

"Wir haben uns ihrer Art der Besegelung und des Steuerns bedient, uns mit den Nahrungsmitteln ihrer Zeit ernährt und ihre einfachen Mittel zur Navigation ausprobiert.

Allerdings benötigten wir für die wissenschaftlich exakte Kursbestimmung und für die vorgeschriebenen Funkkontakte bei der Einfahrt in moderne Häfen und Kanäle etwas, was die Menschen in früher Zeit noch nicht brauchten: eine sehr zuverlässige und genaue moderne Uhr."

Es schmeichelt uns sehr, daß der wohl bedeutendste Weltreisende dies sagt. Denn Heyerdahl und seine Crew benutzten Uhren von Rolex.



"If my Rolex hadn't been reliable, I'd be lost. It's as simple as that." So said explorer Robert Swan about the timepiece that helped him navigate to the South Pole. As Swan's



The Twinlock winding crown protects movement

fellow-adventurer
Janusz Kurbiel notes,
"When you can't rely
on external time checks,
a watch becomes one of
the basic instruments
of survival."

Part of what makes

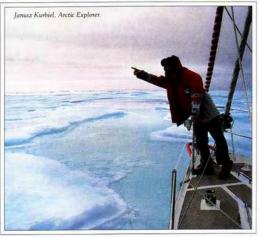
a Rolex Oyster so dependable is the design of its rugged case, which is hewn from a solid block of metal, using up to sixty tons of pressure.

The shell that results is the ideal protection for the intricate Rolex movement, a mechanism so finely honed, it takes Rolex expert craftsmen a year to create one.

The movement is further protected by the Twinlock winding crown. Designed according to the same principle as a submarine hatch, the Twinlock keeps water and other elements from reaching the movement. On the Submariner

and Sea-Dweller diving models, the Twinlock is replaced by a Triplock crown designed to keep the watch pressure-proof to

depths of 1,000 and 4,000 feet respectively.



Why explorers are willing to stake their lives on a Rolex.

mechanically, it is examined by expert

watchmakers aided by computers, lasers, and electron microscopes. And once the Rolex movement is finally assembled and placed in its

The Rolex Oyster Perpetua movement contains more than 220 components.

Oyster case, it is tested than 220 components.

anew—this time for reliability and resistance to water pressure.

The extraordinary process that goes into making a Rolex helps explain why it has accompanied explorers to the heights of Everest and into the frigid waters of the

Arctic. While there are many As each timepiece timepieces people count on is being assembled, it is subjected for the time, there is to a comprehensive series of one they trust with tests. To ensure that the their lives. Rolex. movement performs ROLEX Rolex Oyster Perper all Late GMT-Master II in stainless steel and 18kt gold with matching Oyster bracelet.
Write for brochure. Rolex Wach U.S.A., Inc., Dept. 901, Rolex Building, 665 Fifth Avenue, New York, N.Y. 10022-5383.
Rolex, W. Oyster Perpetual, Submariner, Sea-Dweller, Twinlock, Triplock and Oyster GMT-Master II are trademarks.

Grönland ist riesig - die größte Insel der Erde. Rund 2 Millionen qkm unwirtliche Einöde, zum größten Teil im nördlichen Polarkreis gelegen. Eine grimmige Urlandschaft aus Schnee, Felsen und eisbedeckten Fjorden. Unzugänglich bis auf die wenigen Wochen im Jahr, wenn Spalten im Packeis Schiffen eine schwierige und gefährliche Durchfahrt ermöglichen.

Die Landschaft - wenn man sie überhaupt sehen kann - zeigt sich in wilder Schönheit. Mitte November geht die Sonne unter, und für drei bis vier Monate bricht

Dunkelheit über die Insel herein.

Die Sirius-Schlittenpatrouillen und ihre Rolex Uhren leisten auch bei 50° minus ihren Dienst.

47000 Einwohner.

Grönland

hat nur

Die nordöstliche Region ist menschenleer.

Menschenleer - bis auf die Männer der Sirius-Patrouille mit ihren Schlittenhunden.

Von Daneborg aus brechen die Patrouillen auf. Im Land gezüchtete Hunde ziehen die Schlit-



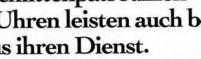
ten. Die Männer haben sie selbst gebaut und können sie darum unterwegs in der Eiswüste auch leichter repa-

Die Patrouillen werden von Freiwilligen der dänischen Marine durchgeführt. An Bewerbern für diese abenteuerliche

Aufgabe fehlt es nicht.

Die Männer tun 25 Monate lang jeden Tag rund um die Uhr ihren Dienst. Auf den Patrouillenfahrten fällt die Temperatur manchmal auf 50° C unter Null. Schneestürme sind keine Seltenheit.

Sehr unangenehm ist der



Patrouillen betrachten sich weder als Helden noch als Supermänner. Die 16000 km Küste

seien nicht gefährlich, sagen sie, "wenn man seine Ausbildung und Erfahrung nutzt... immer Vorsicht walten läßt ... und ein bißcher Glück hat."



Über die Wahl

ihrer gesamten arktischen Ausrüstung entscheiden die Männer selbst.

> Die Rolex Oyster ist für sie ein unverzichtbarer Teil ihrer Ausstattung.

> > Unter derart harten Bedingungen - mit plötzlichen Temperaturschwankungen, dem Wind, dem Schnee, dem Rütteln und Schütteln auf Tausenden von Kilometern strapaziöser Schlittenfahrt - ist auf den unerschütterlich genauen Gang einer Rolex Oyster Verlaß.

grönländische "piteraq"-Wind, der immer wieder tagelang mit mehr als 180 km/h über die Insel fegt. Die Mitglieder der



DER ROLEN GMT-MASTER CHRONOMETER. IN EDELSTAHL, MIT OYSTER-ARMBAND.

ROLEX UHREN GMBH. BAHNHOFSTRASSE 1-9, 5000 KÖLN 1. SCHREIBEN SIE UNS. WIR SENDEN IHNEN PROSPEKTE.

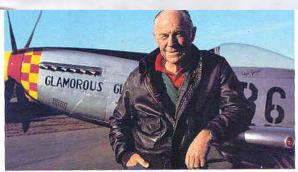


independent 12-hour hand. Pressure-proof to 330 feet. Rolex, , GMT-Master II and Dysterlock are trademarks. FOR THE NAME AND LOCATION OF AN OFFICIAL ROLEX JEWELER NEAR YOU, PLEASE CALL 1-800-36ROLEX /1-800-367-6539



www.rolex.com

New York



"If you want to grow old as a pilot, you've got to know when to push it, and when to back off." Chief Wager

Throughout his remarkable career, love of the outdoors; a lecturer and a Chuck Yeager has shown an uncanny talent for what pilots call "pushing the edge of the envelope." At 21, only three anymore," said Yeager, "but I can still years after boarding his first plane, pilots in World War II. And at the age of 24, he became the first person to fly faster than the speed of sound.

Attempting such dangerous feats is one thing. Living to describe them to your grandchildren is another. Displaying the enormous courage, skill and cool judgment needed to do both has made General Chuck Yeager an authentic American hero.

Although retired from the military. Yeager remains a man on the move. He's an avid sportsman with a lifelong

consulting test pilot who still loves to fly. "Maybe I don't jump off 15-foot fences pull 8 or 9 G's in a high-performance Yeager was leading a squadron of fighter aircraft." And in all his exploits, Yeager depends on a rugged and reliable timepiece. "I wore a Rolex 40 years ago when I broke the sound barrier and I still do today," says Yeager matter of-facily. "A pilot has to believe in his equipment. That's why I wear a Rolex. ROLEX



By hoping that rained you. If there are shells, elements to come to pack or on the contrary to counter certain writings, you do not deprive.

One prefers speech of the time which makes rather than time which passes.

Last edition by Lun Oct 2 - 12:33, published 1 time

↔



Registered voter it: Mar 26, 2006 Messages: 957 Localization: There or Louis XIV had his hut.

☐ Subject: Re: Rolex GMT Master - History, genesis....Review. ☐ Mar June 27 - 23:58

To return to the 6542 "PanAM".

Based on one 6542 thus, it is different by a white dial.

He thinks that models itself was a special ordering of the chairman of the company, which wished a model differentiating the executives on the ground from the sailing personnel, the pilots more exactly. He also says himself, that the Boss had some to see enough carrying his "bureaucrats" the watches, initially planned for the pilots.

This model is certainly one of most enigmatic (there is full with other, there still, if that interests you, I could make you a complete review of the GMT, with very special series...), a true legend, since it was difficult until really proving its existence today.







Model with black glasses, my sceptisism is with its SIGNAL, the black glasses having appeared that as from 1970. On the other hand, the insert of glasses steel, on one 6542, is not a silly thing, it was present on the 4th evolution of the 6542. Moreover, the large triangle of needle GMT did not exist on the 6542.



Extracted the book "Vintage Rolex Models Sports".





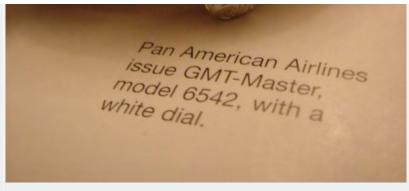
The model with the engraved bottom tries to contradict him even by anachrononism of the logo of the company, which evolved/moved, and which does not correspond between the period of the equipment, and the logo, more modern.

Photographs, of "PanAm" handled, and proven "true".











Scan of a Japanese book, or a pilot of PanAm with his "GMT".

One prefers speech of the time which makes rather than time which passes.

☆ ◆

Rolex GMT Master - History, genesis....Review.

Page 1 out of 1

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