

BREMONT

CHRONOMETERS

Bremont expands its Martin-Baker range with the MBII White

FEBRUARY 2016



2016 will not only mark the 7,500th life saved by the pioneering British ejection seat technology designed by Martin-Baker, but also sees the launch of the Bremont MBII White. The bestselling MB range of watches has become iconic for Bremont and the release of this model responds to a demand for a white dialled version of the timepiece, which was designed to be quite simply the definitive British aviation chronometer. Tested and designed in conjunction with the iconic British aviation company 'Martin-Baker', the MBII White offers a fresh and striking new look providing further choice to the classic collection. The new model features the distinctive knurled effect on the aluminium barrel inspired by components on the ejection seats themselves and will be available in orange, green and anthracite. Equally the yellow and black loop at the end of the second hand is a direct reference to the ejection pull handle.

Nick English, Co-Founder of Bremont: "The Martin-Baker collaboration is a partnership we are extremely proud of as a company. The testing goes back many years and has led to some key technological developments in our watch design. They are an incredible British engineering success story and developing a new version of the already iconic MBII watch, has been a real honour."

Andrew Martin, Martin-Baker: “We have subjected this new MBII to some exciting tests, and unsurprisingly, the watch has continued to pass with flying colours. It is a watch with a real story and a proper pedigree and we love that.”

The MBII White very much retains the classic DNA that has made the MB a must-have for any serious collector. It has been put through the same intensive, extensive testing schedule that the ejection seats go through including shock, vibration, temperature extremes, and salt-fog tests:



LIVE EJECTION TESTING

Live ejection launch (pictured above) puts the watch under extreme G forces.

ALTITUDE TESTING

The watches are held in an Altitude Test Chamber to simulate taking them up to 100,000 feet for 60 minutes before being rapidly brought down again.

AIRCRAFT CARRIER DECK TEST

The ACDT test simulates the level of salt fog and humidity that an aircraft carrier deck would endure during a 6 month tour. Exposure to salt and then drying for 96 hours tests the watches against corrosion and the binding of moving parts.

VIBRATION TESTING

The test shakes and vibrates the watch on the wrist of a test dummy to simulate a 30 year life of an aircraft.

EXTREME TEMPERATURE ENDURANCE

The Bremont MB watches have been subjected to Temperature Testing to ensure they continue to operate in extreme conditions. The watch is held for one day in temperatures as low as -40° C, and then up to +40° C for a further 24 hours.

MFOS CRASHWORTHY TEST

The Multi-functional Operators seat (MFOS) is used in helicopters such as the Blackhawk. This particular test pictured was simulating a dynamic forward crash at over 18G, moving at 42ft per second.



The robust nature of the MB is not only down to the testing, but the over engineered design of the watch. Both the movement and mechanism of the Martin-Baker have been designed to 'float' in a controlled manner within the Bremont patented Trip-Tick® case by attaching the inner case to it via a flexible ring. In doing so, shocks to the movement are minimised and shock energy absorbed. As well as this, the inner case that encloses the movement of the Bremont Martin-Baker has the function of an anti-magnetic shield. This inner case is made from soft iron and has been created to work as a 'Faraday-Cage' making the Bremont Martin-Baker watch immune to extreme magnetic fields, and a timepiece that has truly been 'Tested Beyond Endurance'.



MFOS TEST - simulates a dynamic forward crash at over 18G, moving at 42ft per second

ABOUT MARTIN-BAKER

With facilities spanning the globe, Martin-Baker has established an extensive range of unique, specialist engineering capabilities. They ensure that all Martin-Baker products are of the highest quality and reliability and will always perform as designed – first time, every time.

Past and continued success has defined the iconic British company as the number one choice for over 88 air forces throughout the world, fitted to over 50 aircraft types. The equipment may represent a crew member's last chance to survive and there can be no compromise. Every facet of the safety system must work perfectly to safeguard a precious life.

Furthermore, aircrew members must reach the ground uninjured, especially in a hostile environment, if they are to have the best possible chance of survival. This understanding is reinforced by 60 years of experience dating back to the first live ejection test in 1946 and the first life saved in 1949. So it comes as no surprise that Martin-Baker is the only company worldwide able to offer a fully-integrated escape system that satisfies the very latest in pilot operational capability and safety standards. To date, Martin-Baker has saved 7,488 aircrew lives for more than 93 Air Forces.

ABOUT BREMONT

Bremont is an award-winning British luxury watch brand, manufacturing mechanical watches in Henley-on-Thames, England. Bremont is also making considerable investment with its UK watch making and manufacturing and at the end of 2014 launched a new facility in Silverstone to manufacture case and movement components.

Co-founded by brothers Nick & Giles English in 2002, Bremont has made a substantial impact on the watch industry in a very short period of time. The brand remains true to its original principles of; British, Aviation, Engineering and Adventure.

As well as manufacturing watches for some of the most exclusive military squadrons around the world, Bremont continues to play an influential role in revitalising the British watch industry, the birthplace of numerous timekeeping innovations still used today. Recent collaborations have seen Bremont work with the likes of aviation giant Boeing and the iconic British automotive company Jaguar.

Bremont has been appointed Official Timing Partner to the 35th America's Cup and to the defending champion, ORACLE TEAM USA. Renowned as the oldest trophy in international sport the America's Cup first took place in 1851 on the waters off England's south coast. As the first official British timing partner to The America's Cup since 1851 Bremont has embarked on a very exciting project to produce a special edition collection of timepieces to celebrate its involvement.

WWW.BREMONT.COM

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MBII-WH



MBII-WH



ORANGE

GREEN

ANTHRACITE

MBII-WH WATCH FEATURES

MOVEMENT

Modified calibre 11 1/2" BE-36AE automatic chronometer, 25 jewels, Glucydur balance. Anachron balance spring, Nivaflex 1 mainspring, 28,800 bph, 38 hour power reserve, Bremont moulded and skeletised decorated rotor.

FUNCTIONS

Hour/minute/second, date and day at 3H.

CASE

Hardened stainless steel Trip-Tick® case construction. Inner soft iron anti-magnetic Faraday cage to protect movement. Protective patented anti-shock movement mount. Patented inner bi-directional Roto-Click® bezel. Operated by crown at 4H. Case diameter 43mm, lug width 22mm.

CASE BACK

Stainless steel decorated case back, 6 stainless steel screws with polished heads.

DIAL

White metal dial. Super-LumiNova® coated numerals and hands.

CRYSTAL

Domed anti-reflective, scratch resistant sapphire crystal.

WATER RESISTANCE

10 ATM, 100 metres.

RATINGS

C.O.S.C chronometer tested and certified.

STRAP

Calf-skin leather strap and Temple Island rubber strap.

CERTIFICATION

Individually serial numbered with accompanying C.O.S.C certification.