

SWISS AIR FORCE



SWISS ARMY



In 1897 the Original Swiss Army™ Knife was created in the small village of Ibach, Switzerland. Since that time, Victorinox® has become known in more than 100 countries for precision, quality, functionality and versatility.

This century old heritage has been extended to Swiss Army Watches and Timepieces. Each reflects the ingenious design and outstanding durability we've come to stand for over the years. Uncompromising craftsmanship makes these watches worthy to carry the cross and shield emblem that symbolizes the legend of Victorinox and the Swiss Army Brand.

Whether you're going around the corner or around the globe, this specially designed Swiss Air Force Watch—its choice of materials and technology—will make sure that you're equipped for life's adventures. No matter what those adventures might be.

## **QUALITY FEATURES—SWISS AIR FORCE WATCHES**

Made in Switzerland.

Precision Swiss Movements.

Individually tested for water resistance of 100M (330 feet) or greater .

Solid stainless steel cases and/or bracelets on most models.

Scratch-resistant sapphire and anti-reflective crystals on most models.

Swiss Army Brand Watches are covered by a three-year limited warranty. Only our watches are authorized by the Swiss government to carry the name "Swiss Army."

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## THREE HAND ANALOG QUARTZ

The crown (C) has three positions:

- Position 1: Running position (neutral).
- Position 2: Quick correction of the date.
- Position 3: Time setting, interruption of circuit for motor (in case of long term storage-to conserve battery life).



(Image illustrates positions 1, 2, & 3 only.  
See specific instructions for your watch model).

**SETTING THE DATE & TIME-  
Pull-Out Crown (AirBoss Mach 1 & 2)**

- A. Pull out the crown to position (2).
- B. Rotate the crown away from you until the date showing is the day before the desired setting.
- C. Pull out the crown to position (3) and rotate toward you. When midnight is reached, the date will advance to the desired date. Continue to turn the crown until the desired time is set. Remember, the date advances at 12:00 midnight, not 12:00 noon.
- D. Push in the crown, returning it to position (1). The date and time are now set.

**To Set Time Alone**

Refer to instructions "C".

**NOTE:** Gently pull on crown to determine if your crown is a screw-down or pull out.

## **SETTING THE DATE & TIME - Screw Down Crown (SeaPlane, FA-18, and Hunter watches)**

- A. Using the thumb and forefinger, apply mild pressure on crown while rotating toward you until crown releases.
- B. Pull out crown to position (2). Turn the crown away from you until the date showing is the day before the desired setting.
- C. Pull out the crown to the fully extended position (3) and rotate toward you. When midnight is reached, the date will advance to the desired date. Continue to turn the crown until the desired time is set. Remember, the date advances at 12:00 midnight, not 12:00 noon.
- D. After setting, push in the crown then press and screw down away from you until it is sealed tight into position (1). The date and time are now set.

### **To Set Time Alone**

Release crown (refer to "A") and then follow instruction "D".

## SEAPLANE CHANGING STRAPS

### Step 1

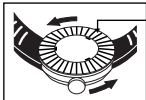
Place watch face crystal-side down on a soft cushion surface.

### Step 2

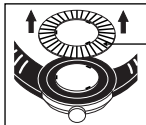
Place thumb and forefinger on the fluted ring. Press down and turn counter-clockwise until fluted ring stops.

### Step 3

Lift off fluted ring and place to the side, exposing strap below.



FLUTED RING



FLUTED RING

#### **Step 4**

Separate strap from watch back by carefully lifting strap upward.



#### **Step 5**

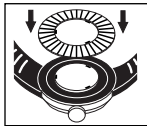
Place alternate band onto watch back, making sure that band is securely seated. The band's buckle should be on the left side of the watch with the crown facing you (see illustration).





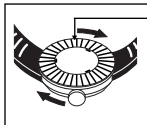
### Step 6

Replace fluted ring by lining up the three notches.



### Step 7

Place thumb and forefinger on fluted ring. Press down and turn clockwise until fluted ring stops, locking strap into place on watch back.



FLUTED  
RING

## SEAPLANE CHRONOGRAPH

This chronograph movement features a 30-minute counter,  $\frac{1}{10}$ th second timer, sweep second hand and date calendar. It enables short times to be measured to an accuracy of one tenth of a second in a 30-minute totalizer.

The crown C has three positions:

- Position 1: Neutral and winding position (mechanical movement only)
- Position 2: Correction of the date
- Position 3: Setting the time, seconds stop

**IMPORTANT:** The SeaPlane Chronograph is fitted with a screw-down crown which must be released before use. Turn crown towards you to release. After use, push the crown back to position 1, then press and screw down the crown (to ensure a tight seal).



## **SETTING THE TIME**

- Pull out the crown to position 3. The second hand now stops.
- Turn the crown to pre-position the hour and minute hands to the desired time.
- Push the crown back into its normal position (1). The watch will begin to run again instantly.

## **SETTING THE DATE**

- Pull out the crown to position 2.
- Rotate the crown away from you advancing the hour hand until the date showing is the day before the desired setting.
- Pull out the crown to position 3 and rotate away from you. When midnight is reached, the date will advance to the desired date. Continue to turn the crown until the desired time is set. Remember, the date advances at 12:00 midnight, not 12:00 noon.
- Push in the crown, returning it to position 1. The date and time are now set.

**NOTE:** You must always push in and screw down the crown to form a water resistant seal with the case. Never operate the crown when the watch is wet.

## **CHRONOGRAPH FUNCTIONS**

### **Start-Stop Function**

- A. Press Push-piece A once to start the timing operation; press again to stop.

### **Restart Timing**

- A. Press Push-piece A again to restart timing.

### **Zero Reset**

- A. Once the timing operation has stopped, press Push-piece B. The chronograph and totalizer hands will reset to zero.

### **Measurement of Partial Times (Addition Function)**

- A. Press Push-piece A again to restart timing. Further pressure on Push-piece A will stop the timing operation. The chronograph will indicate the final time.
- B. Once the timing operation has been stopped, press Push-piece B. The chronograph and totalizer hands will be reset to zero.

## **Measurement of Intermediate (Split) Times**

- A. Press Push-piece A to start timing.
- B. Press Push-piece B to read off the first split time without interrupting the measurement of the total time.
- C. Press Push-piece B to continue timing. The chronograph will continue its measurement by reverting the 1/10th hand to zero and "flying back" the other hands to recover the elapsed time.
- D. Press Push-piece B again to read the second split time.
- E. Repeat this procedure until the action to be timed has been completed.
- F. Press Push-piece A to stop timing.
- G. Once the timing operation has been stopped, press Push-piece B. The chronograph and totalizer hands will be reset to zero.

## **Measurement of Two Times at Very Short Intervals**

- A. This function enables two times separated by a very short interval to be measured.
- B. Press Push-piece A to start timing.
- C. Press Push-piece B to stop the first time without interrupting measurement of the second time.

- D. Press Push-piece A to stop measurement of the second time.
- E. The chronograph will indicate the first time.
- F. Press Push-piece B to display the second time.
- G. Press Push-piece B again. The chronograph and totalizer hands will reset to zero.

**WARNING: Do not activate the Push-pieces under water.**

## **REINITIALIZING THE CHRONOGRAPH HANDS**

Following an incorrect activate, violent impact or exposure to a strong magnetic field, one of the chronograph counter hands may fail to revert to its original position (zero). To reinitialize the hands, proceed as follows:

### **Zero Reset of the Hour Counter Hand**

- A. Pull out the crown to position (2).
- B. Press Push-piece A briefly until the hand reverts to the original position (on 12).

### **ZERO RESET OF THE MINUTES COUNTER HAND**

- Pull the crown out to position 2.
- Press Pusher B briefly until the hand reverts to the original position.

### **ZERO RESET OF THE SECONDS COUNTER HAND**

- Pull the crown out to position 3.
- Press Pusher A briefly until the hand reverts to the original position.

### **ZERO RESET OF THE TENTHS OF A SECOND COUNTER HAND**

- Pull the crown out to position 3.
- Press Pusher B briefly until the hand reverts to the original position.

**NOTE:** You must always push in and screw down the crown to form a water resistant seal with the case. Never operate the crown when the watch is wet.

## SEAPLANE XL MECHANICAL (MANUAL WINDING)

### IMPORTANT:

The SeaPlane XL Mechanical is fitted with a screw-down crown which must be released before use. Turn crown towards you to release. After use, push the crown back to position 1, then press and screw down the crown (to ensure a tight seal).





## **Manual Winding**

- Leaving the crown in position 1, wind the watch by turning it away from you until fully wound (approximately 20 times). Do not overwind. The watch will run continuously for approximately 56 hours.  
**NOTE:** This operation should be done consistently every day at the same time (for example, every morning or evening).

## **Setting the Time**

- Pull out the crown to the fully extended position and rotate toward you until the desired time is set.
- Push the crown back in to its normal position. The time is now set.

**NOTE:** You must always push in and screw down the crown to form a water resistant seal with the case. Never operate the crown when the watch is wet.

## **FA-18 MECHANICAL CHRONOGRAPH (SELF-WINDING MECHANICAL WATCH)**

**IMPORTANT:** Each FA-18 watch is fitted with a screw-down crown which must be released before use. Turn crown towards you to release. After use, push the crown back to position 1, then press and screw down the crown (to ensure a tight seal).

### **Winding**

Your watch is wound automatically when you wear it on your wrist. If the watch is not worn often enough, the movement will have to be wound manually by turning the crown at least twenty times in position 1.

### **Setting the Time**

- Wind the movement if necessary.
- Unscrew the crown by turning it toward you. Then pull out the crown into position 3. The seconds hand will stop.
- Make sure that the position of the hands corresponds to a change of date at midnight and not at noon.

- Turn the crown to pre-position the hands on the desired time.
- Push the crown back down firmly against the case in position 1, the watch will begin to run again instantly.

**NOTE:** For precise time setting, it is advisable to pass the desired minute, then turn the crown counterclockwise to position the minute hand on the relevant mark.

### **SETTING THE DAY/DATE**

- First turn the crown (in position 1) away from you approximately ten times to activate the automatic movement. The sweep second hand will be moving.
- Pull the crown out into position 3 (completely out). Set the correct time by moving the hands clockwise. When you reach 12 PM, the calendar date will jump and then set the correct time. Push the crown back to position 1.
- Set the crown in position 2 (intermediate position). Adjust the date by turning the crown away from you. Turn the crown toward you to adjust the day setting (select the appropriate language). Then set the crown back to position 1 and your watch is adjusted.

The chronograph movement indicates the hours, minutes, seconds and date and enables short times to be measured to an accuracy of 1/5th of a second in a 12 hour period.

The crown C has three positions:

- Position 1: Neutral and winding position
- Position 2: Correction of the date
- Position 3: Setting the time, seconds stop

**NOTE: You must always push in and screw down the crown to form a water resistant seal with the case. Never operate the crown when the watch is wet.**

## Push-pieces

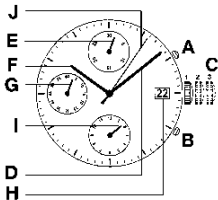
- Push-piece A: Chronograph start/stop
- Push-piece B: Intermediate times  
Chronograph zero reset

## Watch Indications

- F Hours
- D Minutes
- G Seconds
- H Date

## Chronograph Indications

- I 12-hour counter
- E 30-minute counter
- J 60-second counter



## **CHRONOGRAPH FUNCTIONS**

### **Start-Stop Function**

- A. Press Push-piece A once to start the timing operation; press again to stop.

### **Restart Timing**

- A. Press Push-piece A again to restart timing.

### **Zero Reset**

- A. Once the timing operation has stopped, press Push-piece B. The chronograph and totalizer hands will reset to zero.

### **Measurement of Partial Times (Addition Function)**

- A. Press Push-piece A again to restart timing. Further pressure on Push-piece A will stop the timing operation. The chronograph will indicate the final time.
- B. Once the timing operation has been stopped, press Push-piece B. The chronograph and totalizer hands will be reset to zero.

## **Measurement of Intermediate (Split) Times**

- A. Press Push-piece A to start timing.
- B. Press Push-piece B to read off the first split time without interrupting the measurement of the total time.
- C. Press Push-piece B to continue timing. The chronograph will continue its measurement by reverting the 1/10th hand to zero and "flying back" the other hands to recover the elapsed time.
- D. Press Push-piece B again to read the second split time.
- E. Repeat this procedure until the action to be timed has been completed.
- F. Press Push-piece A to stop timing.
- G. Once the timing operation has been stopped, press Push-piece B. The chronograph and totalizer hands will be reset to zero.

## **Measurement of Two Times at Very Short Intervals**

- A. This function enables two times separated by a very short interval to be measured.
- B. Press Push-piece A to start timing.
- C. Press Push-piece B to stop the first time without interrupting measurement of the second time.

- D. Press Push-piece A to stop measurement of the second time.
- E. The chronograph will indicate the first time.
- F. Press Push-piece B to display the second time.
- G. Press Push-piece B again. The chronograph and totalizer hands will reset to zero.

**WARNING: Do not activate the Push-pieces under water.**

## **REINITIALIZING THE CHRONOGRAPH HANDS**

Following an incorrect activate, violent impact or exposure to a strong magnetic field, one or the other of the chronograph counter hands may fail to revert to its original position (zero). To reinitialize the hands, proceed as follows:

### **Zero Reset of the Hour Counter Hand**

- A. Pull out the crown to position (2).
- B. Press Push-piece A briefly until the hand reverts to the original position (on 12).



### **Zero Reset of the Minute Counter Hand**

- A. Pull out the crown to position (2).
- B. Press Push-piece B briefly until the hand reverts to the original position (at noon.)

### **Zero Reset of the Seconds Counter Hand**

- A. Pull out the crown to position (3).
- B. Press Push-piece A briefly until the hand reverts to the original position (on 60).

### **Zero Reset of the 1/10th Second Counter**

- A. Pull out the crown to position 3.
- B. Press Push-piece B briefly until the hand reverts to the original position (on 0).
- C. Push the crown back down firmly against the case to position (1).

**NOTE: You must always push in and screw down the crown to form a water resistant seal with the case. Never operate the crown when the watch is wet.**

## USING THE VISUAL COUNTDOWN (AIRBOSS MACH 2 - 3 - 4)

**\*See diagram on page 26**

**To determine if you have the visual countdown feature**, look at the watch dial. You will see an inner bezel. If it has a yellow triangle with numbers counting down clockwise from 60, you have the visual countdown feature. The bi-directional visual countdown is easy to use:

- A. When rotating the visual countdown turner, simply align minutes on the inner bezel to be counted down with the minute hand (i.e. 20 minutes).
- B. When the minute hand reaches the yellow triangle (0 minutes), 20 minutes will have been counted down.
- C. The countdown feature works for a duration between 60 minutes and one minute.

## AIRBOSS MACH 2



## AIRBOSS MACH 3



## **AIRBOSS MACH 2 MECHANICAL (SELF-WINDING)**

The watch is wound automatically when worn on the wrist. If the watch is not worn on a daily basis, the movement will have to be wound manually by turning the crown away from you at least twenty times in position (1).

### **Setting the Date and Time**

- Wind the movement if necessary.
- Pull out the crown into position 3. The seconds hand will stop.
- Make sure that the position of the hands corresponds to a change of date at midnight and not at noon.
- Turn the crown to pre-position the hands on the desired time.
- Push the crown back down firmly against the case in position (1).

## **To Set Time Alone**

- Wind the movement if necessary.
- Pull out the crown to position (3). The seconds hand will stop.
- Turn the crown to pre-position the hands on the desired time.
- Push the crown back down firmly against the case in position (1), and the watch will begin to run again instantly.

**NOTE: For precise time setting, it is advisable to pass the desired minute and position the hand in the counterclockwise direction.**

## **AIRBOSS MACH 3 - SPECIAL QUARTZ CHRONOGRAPH**

### **\*See diagram on page 30**

To facilitate the use of the AirBoss Mach 3, two original features have been developed:

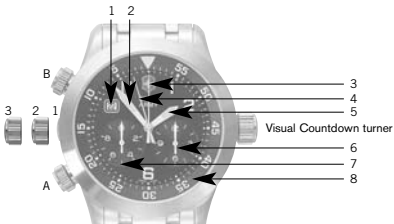
- A. Enlargement of the two subdials for easier legibility
- B. Placement of the chrono pushers on the left side of the case for easy Start/Stop by the thumb.

### **Setting the date and time**

The crown (C) has three positions which affect Push button functions:

- Position 1: Normal position. Push-buttons: chronograph functions.
- Position 2: Quick correction of time-zones (hour hand). Date corrections by passing through 24 hours. Push-button B (at 10 o'clock): Initialization of the timer hand (60-minute counter). Push-button A (at 8 o'clock) Initialization of the 12-hour counter.
- Position 3: Time setting, stopping of the movement (storage). Push-button B: Initialization of the 1/10 seconds counter. Push-button A: Initialization of the 60-second counter.

C  
(recessed crown)  
3 positions



## Push-pieces

- Push-piece A:  
Chronometer  
start/stop
- Push-piece B:  
Intermediate times.  
Chronograph zero  
reset.
- Crown C:  
Recessed, three  
positions

## Watch Indications

- 1 Date
- 2 Minutes
- 5 Hours
- 8 Visual  
Countdown ring

## Chronograph Indications

- 3 60 second counter
- 4 60 minute counter
- 6 12 hour totalizer
- 7 1/10th second  
counter

## **CHRONOGRAPH OPERATING PROCEDURE**

This chronograph movement features a 60-minute counter-hand (yellow), a 60-second counter-hand (white), one tenth second indicator, and a 12-hour totalizer.

### **Measurement of elapsed times**

- Press Pusher A (at 8 o'clock) with the thumb once to start the timing operation.
- Press again to stop timing.

These two operations may be repeated several times, to add short time measurements.

- Once the timing operation has been completed, press Pusher B (at 10 o'clock) briefly until the hands revert to the original position.

### **Measurement of Lap Times**

- A. Press Pusher A again to restart timing. Further pressure on Pusher A stops the timing operation. The chronograph indicates the final time.
- B. Once the timing operation has been stopped, press Pusher B. The chronograph and totalizer hands are now reset to zero.



## Measurement of Intermediate (Split) Times

- A. Press Pusher A to start timing.
- B. Press Pusher B to read off the first split time without interrupting the measurement of the total time.
- C. Press Pusher B to continue timing. The chronograph will continue its measurement by reverting the 1/10th hand to zero and "flying back" the other hands to recover the elapsed time.
- D. Press Pusher B again to read the second split time.
- E. Repeat this procedure until the action to be timed has been completed.
- F. Press Pusher A to stop timing.
- G. Once the timing operation has been stopped, press Pusher B (at 10 o'clock) briefly until the hands revert to the original position. The chronograph and totalizer hands will be reset to zero.

## **REINITIALIZING THE CHRONOGRAPH HANDS**

Following an incorrect activate, violent impact or exposure to a strong magnetic field, one of the chronograph counter hands may fail to revert to its original position (zero). To reinitialize the hands, proceed as follows:

### **Zero Reset of the Hour Counter Hand**

- A. Pull out the crown to position (2).
- B. Press Push-piece A briefly until the hand reverts to the original position (on 12).

### **Zero Reset of the Minute Counter Hand**

- A. Pull out the crown to position (2).
- B. Press Push-piece B briefly until the hand reverts to the original position (at noon.)

### **Zero Reset of the Seconds Counter Hand**

- A. Pull out the crown to position (3).
- B. Press Push-piece A briefly until the hand reverts to the original position (on 60).

## **Zero Reset of the 1/10th Second Counter**

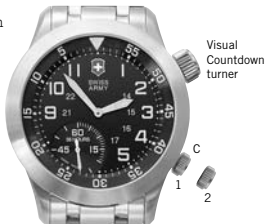
- A. Pull out the crown to position 3.
- B. Press Push-piece B briefly until the hand reverts to the original position (on 0).
- C. Push the crown back down firmly against the case to position (1).

**NOTE: You must always push in and screw down (if applicable) the crown to form a water resistant seal with the case. Never operate the crown when the watch is wet.**

## AIRBOSS MACH 4 - MECHANICAL MANUAL WIND

### Setting of the time and winding the watch.

- Position 1: Normal position.  
The best way to wind your watch is to do it everyday at the same time, (i.e. every morning). This way, your watch is working at its best and will never stop. Turn the crown (C) away from you, until you meet a resistance of the mechanism. The power reserve will be 56 hours minimum.
- Position 2: Setting the time.  
Turn the crown to set the hour and the minute.



## AIR BOSS MACH V GMT ANALOG QUARTZ

**Step 1:** Using the rotating crown A (see Figure 1), rotate inner bezel to select the time zone where you currently are and align it with "City" marking at 12 o'clock.

Line Up Current Time Zone with 'City' Marking at 12 O'clock

GMT Military Time Scale on Inner Bezel

**Step 2: Setting the Date & Time:**  
Remember, when setting the date it advances at 12 midnight, not 12 noon.



Figure 1

- A. Pull crown B (see Figure 1) out to Position 2 (middle position), rotate the crown toward you until the date showing is the day before the desired date.
- B. Pull crown B (see Figure 1) out to Position 3 (fully extended) and rotate toward you. When midnight is reached, the date will advance to the desired date. Continue to turn the crown until the desired time is set. Push in crown, returning it to Position 1.

**Step 3: Setting the GMT time (Hand with Red Arrow):**

**NOTE: GMT time is on a 24 hour military time scale (see Figure 1).**

- A. Pull crown B out to Position 2 (middle position) and rotate away from you to adjust the GMT arrow hand to your local time. (Example - 7pm is 19 hours military time).
- B. Push in crown B, returning it to Position 1.

#### Step 4: How to Read GMT Time in Other Cities:

**NOTE:** GMT time is on a 24 hour military time scale (see Figure 1).

- A. Select any time zone or city on the bezel and rotate crown A until it is aligned with "City" marking at 12 o'clock. The GMT hand (Red Arrow) will indicate the time in this zone.

Time in AKL is 6 am



#### City Codes:

AKL	- Aukland
ANC	- Anchorage
AZO	- Azores
BKK	- Bangkok
CAI	- Cairo
CCS	- Caracas
CHI	- Chicago
DAC	- Dacca
DEN	- Denver
DKR	- Dakar
DUB	- Dubai
HAW	- Hawaii
HKG	- Hong Kong
KHI	- Karachi
LA	- Los Angeles
LON	- London
MOW	- Moscow
MWY	- Midway
NYC	- New York City
NOU	- Noumea
PAR	- Paris
RIO	- Rio De Janiero
SYD	- Sydney
TYO	- Tokyo

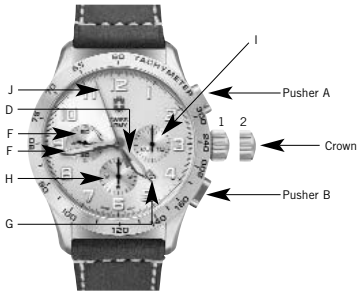
## AIRBOSS MACH 6 - MECHANICAL CHRONOGRAPH

### Watch indications

- D - Hours
- E - Minutes
- F - Seconds
- G - Date

### Chronograph Indications

- H - 12 Hr Counter
- I - 30-minute Counter
- J - 60-second Counter





## **Setting the Date and Time:**

The crown has 2 positions:

- Position 1: Running position and manual winding.
- Position 2: Time setting and stopping of the movement.

Your watch is wound automatically when you wear it on your wrist. If the watch is not worn often enough, the movement will have to be wound manually by turning the crown at least twenty times in Position 1.

## **To Set Date and Time:**

- A. Wind the movement if necessary.
- B. Pull out the crown to Position 2 (fully extended) and rotate toward you until the date showing is the correct date. When midnight is reached, the date will advance. Continue to turn the crown until the desired time is set. Remember, the date advances at 12:00 midnight, not 12:00 noon.

- C. Push in the crown, returning it to Position 1. The date and time are now set.

## **CHRONOGRAPH OPERATING PROCEDURE**

This chronograph movement features a 12 hour counter-hand, a 30 minute counter hand and one second counter (located on center post).

### **How to Measure Elapsed Times**

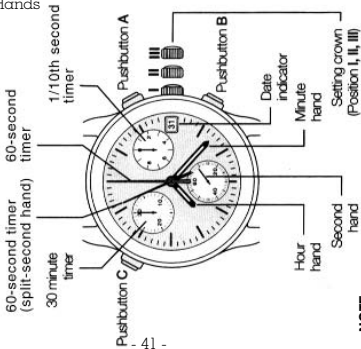
- Press Pusher A (at 2 o'clock) to start the timing operation.
- Press again to stop timing.

These two operations may be repeated several times, to add short time measurements.

- Once the timing operation has been completed, press Pusher B (at 4 o'clock) briefly until the hands revert to the original position.

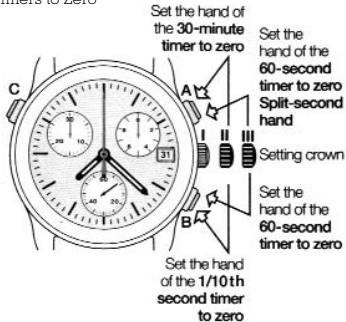
# HUNTER MACH 2 FLYBACK ANALOG CHRONOGRAPH

Display-Watch Hands



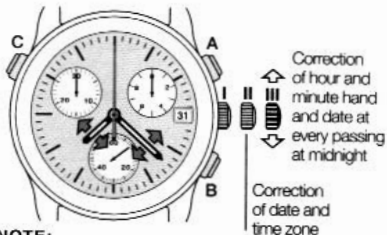
## HUNTER MACH 2 FLYBACK ANALOG CHRONOGRAPH

Setting the Timers to Zero



## HUNTER MACH 2 FLYBACK ANALOG CHRONOGRAPH

Setting the Time and Correction

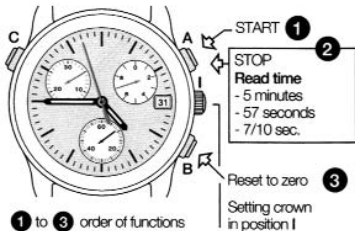


**NOTE:**

Setting crown in position III : **STOP-SECOND**

## HUNTER MACH 2 FLYBACK ANALOG CHRONOGRAPH

Timing Mode—Simple Timing Function



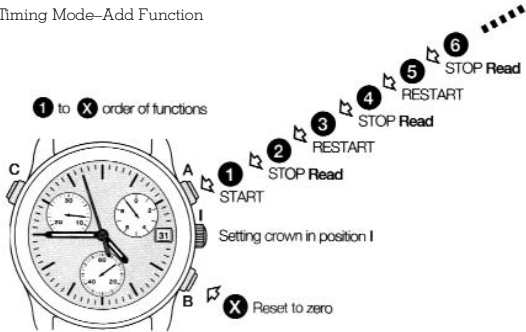
### WARNING

Before starting the time, put back the chronograph hands to their original position.

If necessary, see paragraph **SETTING THE TIMERS TO ZERO**.

# HUNTER MACH 2 FLYBACK ANALOG CHRONOGRAPH

## Timing Mode-Add Function



# HUNTER MACH 2 FLYBACK ANALOG CHRONOGRAPH

Timing Mode—Split Time



**2**

STOP  
Read  
intermediate  
time 1  
- 1 minute  
- 57 sec.  
- 6/10 sec.



**1** to **5** order of functions



## HUNTER MACH 2 FLYBACK ANALOG CHRONOGRAPH

Timing Mode—Split Time (cont.)



4

STOP

Read

intermediate  
time 2

- 3 minutes

- 5 sec.

- 4/10 sec.



5

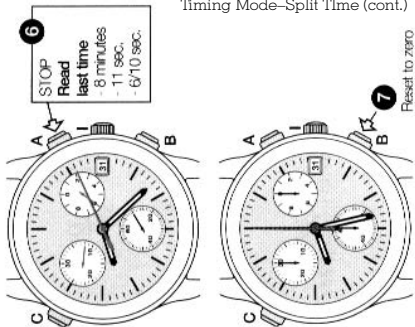
RESTART  
(split second)

### Note:

The time captured can be 30 minutes at max.  
(Exclusive worldwide function).

## HUNTER MACH 2 FLYBACK ANALOG CHRONOGRAPH

Timing Mode—Split Time (cont.)



**6** to **7** order of functions

# HUNTER MACH 2 FLYBACK ANALOG CHRONOGRAPH

Timing Mode-Memo Function



**2**  
STOP  
Read  
intermediate  
time 1  
- 1 minute  
- 35 sec.  
- 5/10 sec.

**2** Stop read the first intermediate time

**1** to **X** order of functions

## HUNTER MACH 2 FLYBACK ANALOG CHRONOGRAPH

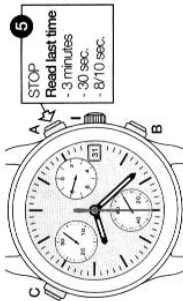
Timing Mode-Memo Function (cont.)



**3** STOP  
**4** Read  
intermediate  
time 2  
- 2 minutes  
- 10 sec.  
- 8/10 sec.

**3** Restart

**4** Stop read second intermediate time



**5** STOP  
Read last time  
- 3 minutes  
- 30 sec.  
- 8/10 sec.

**5** Stop read last time

## HUNTER MACH 2 FLYBACK ANALOG CHRONOGRAPH

Timing Mode–Memo Function (cont.)



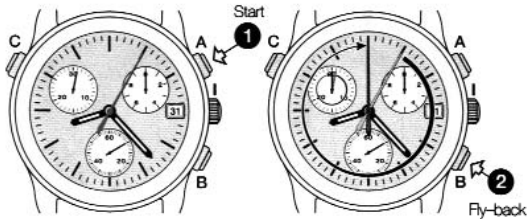
- 6 - 2 minutes
- 10 sec.
- 8/10 sec.

- 6 Read last registered intermediate time
- 7 Read last measured time
- 8 Read again last registered intermediate time
- 9 Read again last measured time...
- ...
- ...
- ...



## HUNTER MACH 2 FLYBACK ANALOG CHRONOGRAPH

Timing Mode–Fly-Back Function



Timing restart without resetting to zero.

## HUNTER MACH 3 ANALOG/DIGITAL CHRONOGRAPH (PULL-OUT CROWN)

### FUNCTION AND DISPLAYS

#### Lighting

- Dial lighting

#### Hands and Date Only

- Analog hour, minute and second display (hands)
- Digital display of date only.

#### T1-Digital Local Time and Date

- Digital display of hours, minutes, seconds and date.



## T2-Second Time

- Digital display of a second time:
  - another time zone
  - hour time
  - summer/winter time



## Week Number

- Digital display of day, week number (may also be hidden), date, month and year.



## AL-Daily Alarm

- Alarm time may be programmed in hours and minutes.





## AG-Annual Alarm

- Calendar alarm; digital display of annual alarm, showing date, month, year alternating with the hour, minutes and alarm activation.



## CHR-Chronograph

- Chronograph in hours, minutes, seconds, hundredths of a second up to 24 hours and in days, hours and minutes over 24 hours up to 99 days.



## TM-Timer

- Programmable in days, hours, minutes and seconds up to 99 days.



## EOL-Battery End of Life Indicator

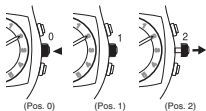
- This indicator shows that the battery should be replaced (within 2 weeks). The EOL is shown in the neutral selection by the appearance of "EOL" or by other functions flashing when the crown is in the neutral position.



## 2. SETTINGS

The various functions are selected by turning the crown. There are three crown positions:

- pushed in (Pos. 0)
- neutral (Pos. 1)
- pulled-out (Pos. 2)



In the neutral position, you can select various functions by rotating the crown. In the pulled-out position, function data may be adjusted by turning the crown. The crown may be turned in both directions.



In addition to the crown, the watch has two buttons **A** and **B** the action of which depends on the function selected. Depending on the action required, choose either:

- brief press ◀
- or
- long press (1 to 2 seconds) ◀◀



## Button A

- Selects the special functions AM/PM, ON/OFF, START/STOP.
- Date display (Date-Month/Month-Date)
- Activation or deactivation of the week number and the date.



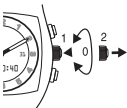
## Button B

- Selects the digits for adjustment (H-MIN-SEC...)
- Audible confirmation, alarm sound test.
- Selecting the T2 "addition functions" and calendar alarm. Resetting the chronograph.



## Crown

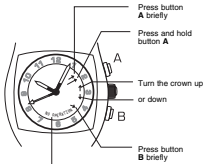
- Dial lighting by pressing (0) the crown (position 1).
- Selecting the functions by turning (position 1).
- Adjusting the functions or language choice by turning (position 2).



### 3. AUTOMATIC HELP FOR FUNCTION ADJUSTMENT

The operation required for function adjustment are assisted by the automatic display of arrows on the dial; e.g., to change the alarm time, the length of the timer or the choice of a second time zone, etc.

These arrows indicated which button should be pressed, if the crown should be turned, or even if a setting error causes a **"No Operation"** message to appear.



The operation which you have just carried out has no effect on the function ("NO OPERATION").

### 4. DIAL LIGHTING

Pressing the crown (O) briefly will light up the dial for approximately 6 seconds in each function. All the hands stop momentarily. The exact time is reset automatically at the end of lighting.



## 5. ENERGY-SAVING MODE

It is possible to set the watch to “**energy-saving**” mode if you do not intend to use it for several days. In this mode, power consumption is reduced to conserve energy in the battery.

Select display neutral position (as described in 6.3, see page 57), then pull the crown out to position 2.

Synchronization mode is activated.

“**Energy-saving**” mode will be activated by pressing and holding button **A** until the “**BAT**” (battery) message disappears.

To reactivate normal operation, simply push the crown back to position 1. The time which has elapsed since the hands stopped is automatically regained.



## 6. SELECTING AND PROGRAMMING DISPLAY MODES

### 6.1 Synchronizing the hands and digital time

The hour shown by the hands and the digital time should be in perfect synchronization. Any possible loss of synchronization between the two (battery change, violent impact) will require the hands to be adjusted to match the digital time displayed.

Proceed as follows: Select the neutral display position (as described in 6.3), then pull the crown to position 2. The letter "R" will be displayed as described in 6.3, (page 57)

Press the **B** button briefly; the hour, minute and second figures are selected and will flash successively.



The hands are successively synchronized by turning the crown.

The second hand can only be adjusted in a clockwise direction (crown turning upwards).

Push the crown back into position 1 when the position of the three hands corresponds to the digital time displayed.

This synchronization only adjusts the time displayed by the hands to local time (**T1**).

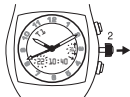
For perfect synchronization between analog time (hands) and digital time (figures), first adjust the hands to the digital time displayed (in synchronization mode "**R**") and then adjust the exact time in "**Setting**" mode as shown on page **50**.





## 6.2 Setting

Select the **T1 (TIME)** function, then pull the crown to position 2.



### 6.2.1 Selecting the 24 hour or AM/PM system.

The digital time (figures) can be changed to display in either 24 hour or AM/PM mode by briefly pressing button **A**.



### 6.2.2 Setting the digital hours, minutes and seconds

Press button **B** briefly; the hour, minute and second figures are selected and will flash successively. The hour, minute and second figures can be successively adjusted by rotating the crown. Push the crown back to position 1 after adjustment.



### 6.3 Neutral display, with or without date

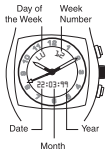
Neutral display, selected by turning the crown, allows only the hands to appear; the digital date may be displayed or hidden.

The date display may be activated or deactivated in this mode by pressing button **A** briefly.



### 6.4 Selecting and setting the full date

Instructions starting page 46.



### 6.4.1 Setting Day/Month (D-M) or Month/Day (M-D)

Select full date display by turning the crown.

- Pull the crown to position 2
- Briefly press button **A** to select date display mode

Day (**D**) / Month (**M**)  
or  
Month (**M**) / Day (**D**).



### 6.4.2 Setting the date, month and year

The date (**D**), month (**M**) and year are changed by rotating the crown. The day of the week is automatically selected according to the date.

Press button **B** briefly to confirm date setting (**D**), then confirm the month (**M**) and year.



### 6.4.3 Choosing and setting one of the four languages for day name display

Select one of four languages available for the day display by pressing and holding button **A**. Turn the crown (in position 2) to display the name of the day in either **(F)** French, **(E)** English, **(D)** German, **(S)** Spanish. All date settings as described in **6.4.1** to **6.4.3** are confirmed by pushing the crown back to position 1.



### 6.4.4 Deactivating the week number display

The week number display is deactivated by pressing button **A** briefly (crown in position 1). It will reappear after another function is selected by turning the crown. Repeat if necessary.

## 6.5 Setting a second time zone (or home time or summer/winter time)

In “local time” (**T1**) display, select the second time zone (**T2**) function by briefly pressing button **B** then pulling the crown to position 2.



The time of the second time zone (**T2**) may be changed to display in the 24 hour or **AM/PM** system by briefly pressing button **A**.



The hours and minutes are set by turning the crown. Briefly press button **B** to confirm setting of the **T2** hour, then adjust the **T2** minutes and confirm again. Briefly press button **B** again to set the date for the second time zone chosen.



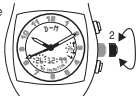
### 6.5.1 Date of the second time zone option

If you wish, you may set the date of the second time zone with a variation of plus or minus 1 day to local time (**T1**). E.g., If the date in the local time is the 25th, the date of the second time zone is either the 24th or 26th (maximum difference between two time zones is one day).

### 6.5.2 Setting the date of the second time zone

After you have pressed button **B** a third time as described in **6.5**, you may set the date of the second time zone by turning the crown. The message "NO OPERATION" shows that it is not possible to adjust the date by more than plus or minus 1 day.

Push the crown back to position 1 after adjustment.



## 6.6 SETTING THE ALARM (DAILY ALARM)

### 6.6.1 Starting the alarm

Select the alarm function (**AL**) by turning the crown and pressing and holding button **A**. The letters "**ON**" will appear on the dial and a "beep" will be heard.

### 6.6.2 Alarm sound

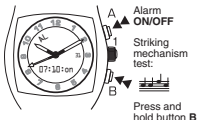
At the chosen alarm time, a first alarm will sound. After 10 seconds, the alarm will sound intermittently for 50 seconds and then stop automatically.

### 6.6.3 Stopping the alarm

The alarm may be stopped at any moment by pressing either of the buttons or the crown.

### 6.6.4 Testing the alarm sound (applicable to all alarms)

When the alarm (**AL**) function is selected, the alarm sound may be tested by pressing and holding button **B**. The same test may be used for "**Timer**" and "**Diary**" alarms.



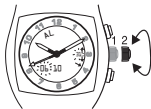
### 6.6.5 Setting the alarm time

The hours and minutes of the alarm can be set. First select the alarm function (**AL**) by turning the crown and then pulling it to position 2.

Briefly press button **B**, thus selecting the figures for the hours and minutes successively.

Turn the crown to set the hours and then the minutes. Push the crown back to position 1 after carrying out all the adjustments. The alarm is activated automatically on "**ON**". If its values have been modified since the last setting. "**OF**" display: alarm is deactivated.

Refer to **6.6.1** to reactivate.





## 6.7 PROGRAMMING AN ALARM (CALENDAR-ALARM)

### 6.7.1 Selecting the calendar-alarm function

The calendar-alarm function (**AG**) is selected by briefly pressing button **B** when the alarm function (**AL**) is displayed, by turning the crown in position 1. This allows display of the calendar alarm stored or programming of a different alarm. The digital display located at the bottom of the dial alternately indicates the day, month and year and the hours, minutes and "ON/OFF" display.



To test the alarm sound:  
press and hold button **B**.

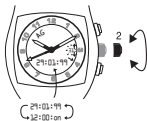



## 6.7.2 Setting the calendar-alarm function

Pull the crown to position 2. Briefly press button **B** to select and flash the figures of the hours, minutes, date, month and year successively. New data is set by turning the crown and confirming by briefly pressing button **B**. The new date for the annual alarm (**AG**) is confirmed by pushing the crown back to position 1 and confirmed by the appearance of the "ON" message. In the example opposite, the calendar-alarm will be programmed to 29/01/99 at 12:00. Push the crown back to position 1: the alarm is automatically switched on (**ON**)\*.

\*The calendar-alarm will only be switched on if the date you have programmed is a date in the future. There will be no ON display if the date you have entered is in the past.

The alarm sound is stopped by pressing one of the buttons or the crown.



 Pressing and holding button **A** activates (**ON**) or deactivates (**OF**) the calendar-alarm.

## 6.8 CHRONOGRAPH

Select the chronograph (**CHR'**) function by turning the crown.

### 6.8.1 Measuring one single time or adding several times with automatic subtraction of intermediate stops (**ADD**)

- START** timing by briefly pressing button **A**
- STOP** timing by briefly pressing button **A**
- Reading the measurement:** the 2 figures positioned to the right of the letters **Add'** show the number of hundredths of a second.

Example of reading a time: **00:01:59 Add' 36** shows that the event timed has lasted for 0 hours, 1 minute 59 seconds and 36 hundredths of a second.

- Reset the chronograph** by pressing button **B** briefly.
- Add mode** allows several timings to be added while automatically subtracting the duration of intermediate events by pressing **Start-Stop-Start-Stop**-etc.

**Total reading time**-resetting. For example, total duration of journey from town A to town D with subtraction of stops in towns B and C.



## 6.8.2 Measuring the total time with intermediate time reading (SPLIT or fly-back hand)

This function allows, for example, the total duration of a race and the individual time taken by each individual runner to be measured.

- **START** of timing by briefly pressing button **A**.
- **SPLIT X** of timing by briefly pressing button **B** when runner X finishes. In the example opposite (**SPL'**), the time taken by runner X is 0 hours, 3 minutes, 40 seconds and 85 hundredths of a second.
- **RESTART** timing by briefly pressing button **B**. The chronograph flies back to the time passed since Split X and continues measurement (**CHR'**).
- **SPLIT Y** of timing by briefly pressing button **B** at the finish of runner Y (**SPL'**).
- **RESTART** timing by briefly pressing button **B**. The chronograph flies back to the time passed since Split Y and continues timing (**CHR'**).
- **STOP Z** by briefly pressing button **A**. Reading time of last runner Z and the total race time: 0 hours, 5 minutes, 20 seconds and 56 hundredths (**Add'**).
- **RESET** by briefly pressing button **B** (**CHR'**).



### 6.8.3 Displaying a chronograph time exceeding 24 hours

(Possible duration up to 99 days). The timing for a chronograph duration of up to 24 hours is displayed in hours, minutes and seconds and hundredths of a second. For any time exceeding 24 hours, the result is displayed in days (instead of hundredths of a second, max. 99 days), hours (max. 23 hours), minutes (max. 59 minutes) and seconds (max. 59 seconds).

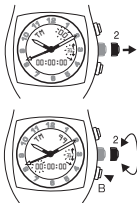


## 6.9 PROGRAMMING THE TIMER DURATION

The timer may be programmed from 1 second up to 99 days, 23 hours, 59 minutes and 59 seconds.

–Select the Timer (**TM**) function by turning the crown and then pulling it to position 2. The number of days flashes on the right of the display "**TM**" (TM 00 - 00:00:00 in example shown opposite).

–Turn the crown forwards or backwards to choose the required duration in days and confirm by briefly pressing button **B**. The hour figures start to flash.  
(TM 99 - 00:00:00 in the example shown opposite).

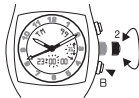


## 6.9 (continued)

- Turn the crown forwards or backwards to choose the required duration in hours (max. 23 hours) and confirm by briefly pressing button **B**.

The minute figures begin to flash.

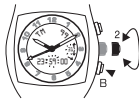
(TM 99 - 23:00:00 in the example shown opposite).



- Turn the crown forwards or backwards to choose the required duration in minutes (max. 59 minutes) and confirm by briefly pressing button **B**.

The second figures begin to flash.

(TM 99 - 23:59:00 in the example shown opposite).



- Turn the crown forwards or backwards to choose the required duration in seconds (max. 59 seconds) and confirm by briefly pressing button **B**.

(TM 99 - 23:59:59 in the example shown opposite).



## 6.9 (continued)

-Confirm by briefly pressing button **B** and push the crown back to position 1.

(TM 99 23:59:59 in the example shown opposite).

-Briefly press button **A** to start the timer.

-Pressing button **A** a second time will stop the timer without resetting it.

-The **TIMER** may be restarted after it has been stopped by pressing button **A**.



Pressing and holding button **A** resets all the information programmed into the **TIMER**.

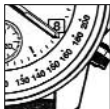


## TACHYMETER



The tachymeter scale enables the speed of a moving body to be read off in km/h (or in some other unit of measurement). Measure the time taken to travel one kilometer (or a different unit) and read the result on the tachymeter scale. For example, the time taken is 40 seconds, equivalent to a speed of 90 km/h.

## TELEMETER



The telemeter scale is situated between the dial and the bezel of the watch. This scale enables the distance of an object in kilometers to be measured. Calibration is based on the speed with which sound travels through the air — approximately 340 meters or 1,115 feet per second. As an example, upon a flash of lightning start the stop watch. Stop the chrono when the thunder clap is heard. The telemeter scale will indicate the distance of the lightning bolt in kilometers. If the 60-second counter indicates an elapsed time of 5 seconds between the lightning bolt and the thunder clap, the lightning in this case is 1700 meters or 1.7 kilometers away.

## **BATTERY**

Your Swiss Army Brand timepiece may be powered by a 1.55 volt silver oxide watch battery. When the battery is low, the seconds hand will effect four second jumps. **Worn Batteries should be replaced immediately.** Substituting interchangeable batteries is not recommended. Battery change should be performed by an authorized technician who should also check the condition of the gaskets and the O-ring at the same time. Battery is not covered by the warranty.

### **THREE-YEAR LIMITED WARRANTY:**

Swiss Army Brands, Inc. warrants, for a period of three years from the date of original purchase, the face, hands and movement of this Swiss Army Brand Watch to be free from defects in material and workmanship. If any of the aforementioned parts are defective we will, at our option, either repair or replace the watch, without charge.

**Visit our website to find a Swiss Army Authorized Repair Center or call us at 1-800-442-2706.**

While there is no charge for repair or replacement of the watch during the warranty period, a check in the amount of \$10.00, payable to Swiss Army Brands, Inc., must accompany the watch to cover postage, handling, insurance and related costs. As a condition to this warranty, either the enclosed warranty repair coupon, completed in its entirety and date stamped by the retailer from whom the watch was purchased, or the original retail purchase receipt, must be presented with the watch upon return. Alternatively, if you purchase the watch in California, you may return the watch to the retailer from whom it was purchased and the return postage will be processed without charge. Please include your name, street address and phone number to ensure proper return.

This warranty does not apply to any part of the watch not expressly warranted herein or damage to the watch while in the possession of the consumer or damage or defect caused by abnormal or unreasonable use (including repairs or alterations by a person other than Swiss Army Brands, Inc.). This warranty gives you specific legal rights and you may also have other rights which vary from state to state.

**The foregoing warranty is exclusive and in lieu of all other warranties of quality and performance, written, oral or implied, and all other warranties, including any implied**

warranties of merchantability or fitness for a particular purpose, are hereby disclaimed. In no event shall Swiss Army Brands, Inc. or its affiliates be liable for special, indirect, incidental or consequential damages whether in contract, tort, negligence, strict liability or otherwise. Some states do not allow limitations on how long an implied warranty lasts and/or the exclusion or limitation of incidental or consequential damages, so the above limitations and exclusions may not apply to you.

## THREE-YEAR LIMITED WARRANTY REPAIR COUPON

Name \_\_\_\_\_

Address \_\_\_\_\_

City \_\_\_\_\_

State \_\_\_\_\_ Zip \_\_\_\_\_ Date of Purchase \_\_\_\_\_

Purchased from \_\_\_\_\_

Repair Coupon. To be detached and submitted with watch only when watch is returned for repair covered by the warranty.

SWISS ARMY BRANDS, INC.  
One Research Drive, P.O. Box 874  
Shelton, CT 06484-0874  
Consumer Department: 800 442 2706

[www.swissarmy.com](http://www.swissarmy.com)

**SWISS ARMY BRANDS**



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