

CHASE-DURER

OPERATION MANUAL

CONQUEST CHRONOGRAPH

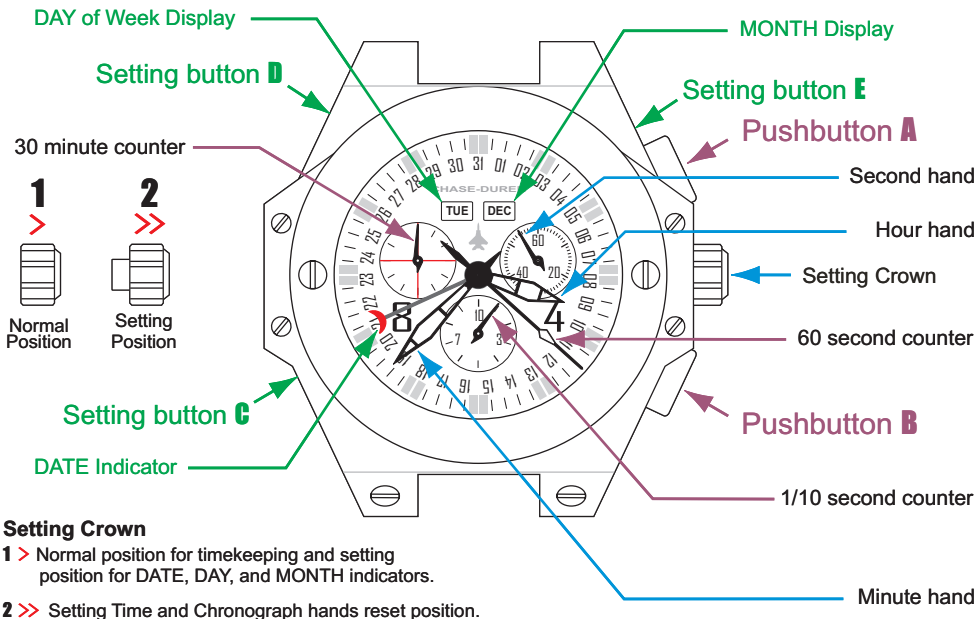


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Setting buttons for Date, Day of week, and Month

CHRONOGRAPH HANDS



Setting Crown

1 > Normal position for timekeeping and setting position for DATE, DAY, and MONTH indicators.

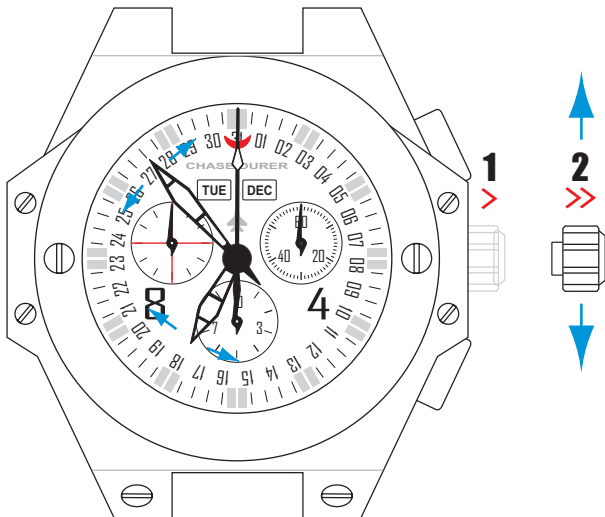
2 >> Setting Time and Chronograph hands reset position.

WARNING: Crown must be in position 1 at all times, use position 2 for adjustments only. *Do not operate pushbuttons under water!*

WATCH HANDS

Setting Time

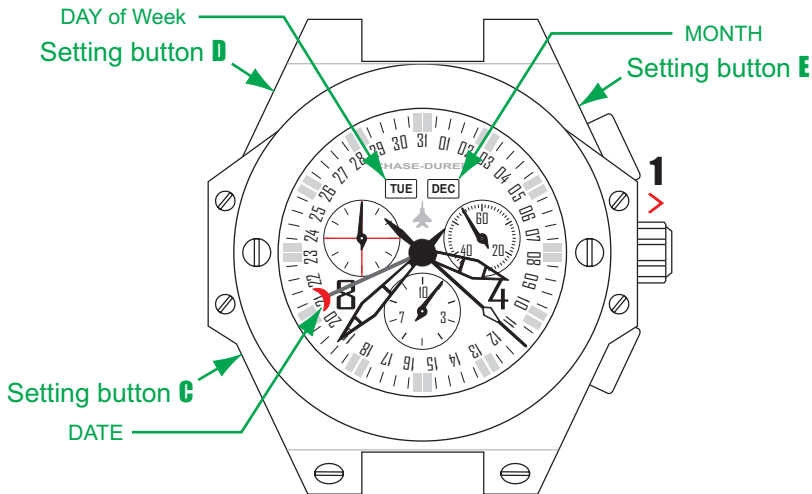
Pull setting crown out to position **2 >>** when second hand reaches the 60 mark. This will stop the watch and allow you to set the minute and hour hands a couple of minutes ahead of the correct time. Using an accurate time reference, push the setting crown back to position **1 >** when the time reference reaches the set time.



NOTE - Date changes each time hour hand passes midnight (24:00 hours)

Setting DATE, DAY of Week, and MONTH

Make sure setting crown is in position **1** > and press buttons **C**, **D**, and **E** to set DATE, DAY of Week, and MONTH. These buttons are recessed into the case to prevent unintentional activation and a pointed object such as a stylus or paper clip is required to actuate buttons.



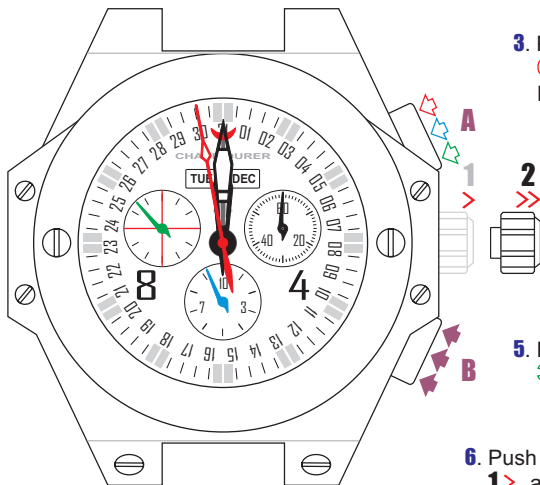
NOTE - Single button press advances by one position; continued pressing will advance position rapidly.

Resetting Chronograph Hands to Zero

4.

In the event chronograph hands do not reset to zero (following a battery change for example), use the following simple procedure below to adjust back them to zero.

1. Pull setting crown out to position **2**>> for all adjustments
2. Push in and hold buttons **A** & **B** for at least 2 seconds; the 60 second center counter will rotate 360° to indicate you are in corrective mode.



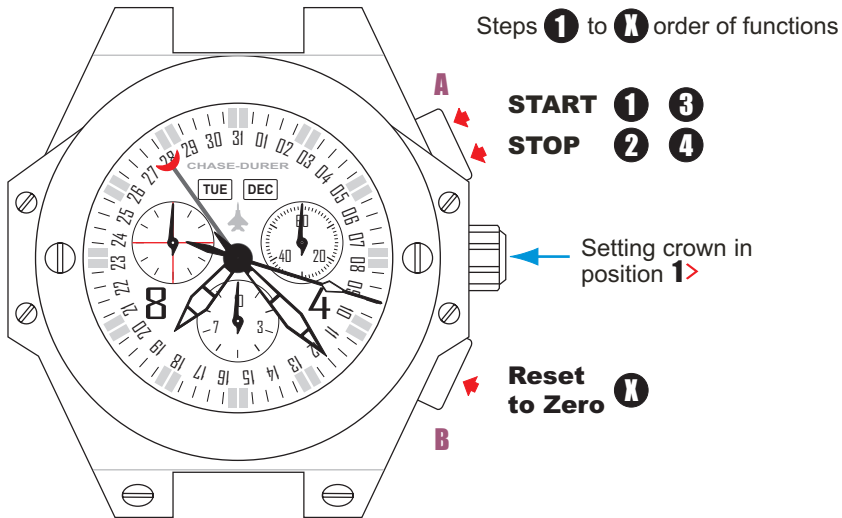
3. Push button **A** to set the **60 second** counter at **0**
Push button **B** to set the next counter

4. Push button **A** to set the **1/10 second** counter at **0**
Push button **B** to set the next counter

5. Push button **A** to set the **30 minute** counter at **0**

6. Push setting crown back in to position **1**>, adjustments are now complete.

Note: Pressing **PUSHBUTTON A** momentarily will advance hands in single steps.
To advance hands continuously, press **PUSHBUTTON A** longer than 1 second.



ADD FUNCTION: Order in which pushbuttons should be pressed. Steps **1** and **2** may be repeated as often as necessary. Pressing **B** will cancel all accumulated readings and reset chronograph hands to zero.



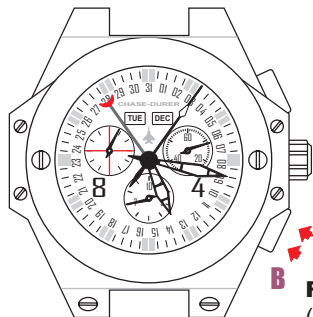
1 to **7** order of functions

Note* Step **2** (or **4**) may be repeated as many times as necessary; Step **6** is the final reading.



START 1

Crown set in position 1



SPLIT 2 4

Read

TIME 2

1 hour

32 minutes

06 seconds

7/10 second

RESTART 5

(catching up)



SPLIT 1 2

Read

TIME 1

0 hour

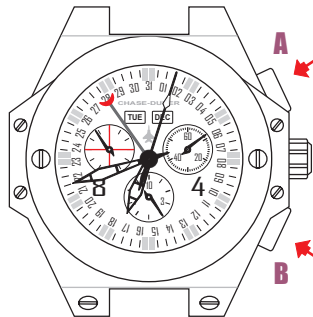
15 minutes

26 seconds

1/10 second

RESTART 3

(catching up)



STOP 6

Read

LAST TIME

2 hours

57 minutes

03 seconds

4/10 second

Reset to 7

Zero

At **68°F** (20°C), sound travels at **344m** or **376yds** / **1,129ft** per second in air at sea level.

Therefore, at **68°F** (20°C) sound will travel:

1 mile (1,760 yards / 5,280 feet) in **4.68** seconds

1,000 yards in **2.66** seconds

1 kilometer in **2.91** seconds

To estimate the distance to an event such as lightning, measure the time from the visual flash to the sound and multiply the seconds by the per second speed.

For example the measured lightning to thunder time at **68°F** is **10** seconds. **10 x 344m** or **376yds** / **1,129ft** would produce **3,440m** or **3,760yds** / **11,290ft**. (**2.14miles**)

Alternately, you can divide the measured time at **68°F** by **4.68** to get miles (**10s / 4.68 = 2.14miles**), or **2.66** for thousand yard distance, or by **2.91** for kilometers.

NOTE:

At **32°F** (0°C), sound travels at **332m** or **363yds** / **1,089ft** per second in air at sea level.

Therefore, at **32°F** (0°C) sound will travel:

1 mile / 1,760 yards / 5,280 feet in **4.85** seconds

1,000 yards in **2.75** seconds

1 kilometer in **3.01** seconds



Example: Sea level temp is **68°F** and lightning to thunder measured time is **17.4** seconds. Distance of lightning strike point is:

$$17.4s \times 1,129ft = 19,644ft$$

$$17.4s \times 376yds = 6,542yds$$

$$17.4s \times 344m = 5,986meters$$

OR:

$$17.4s / 4.68s = 3.72 \text{ miles}$$

$$17.4s / 2.66s = 6.54 \text{ thousand yards}$$

$$17.4s / 2.91s = 5.98 \text{ kilometers}$$

CONQUEST CHRONOGRAPH

Technical Specifications

- ◆ SWISS Made, precision RONDA 5040.F quartz movement.
- ◆ Chronograph: 1/10th second, 60 seconds, 30minutes elapsed time and split time.
- ◆ Date, Day of Week, and Month displays.
- ◆ Super-LumiNova advanced illumination system on hands.
- ◆ Solid 316L stainless steel and titanium case with 10 micron 18K gold.
- ◆ Rubber bracelet with solid engraved 316 stainless steel inserts and specially designed deployment buckle.
- ◆ Screw-in back.
- ◆ Water resistant to 100m/330 feet.
- ◆ Scratch-resistant sapphire crystal.
- ◆ Diameter - 48mm.
- ◆ Serial numbered.
- ◆ 2 year limited international warranty.

RONDA Cal. 5040.F
(CONQUEST CHRONOGRAPH)

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