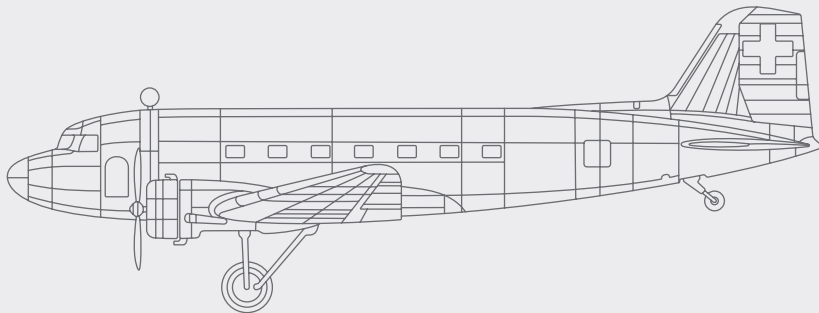


TIMEPIECE FLIGHT MANUAL

DOUGLAS MOONFLIGHT

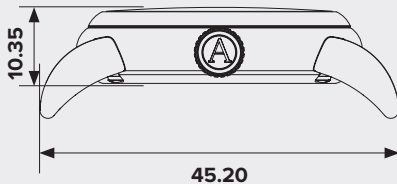
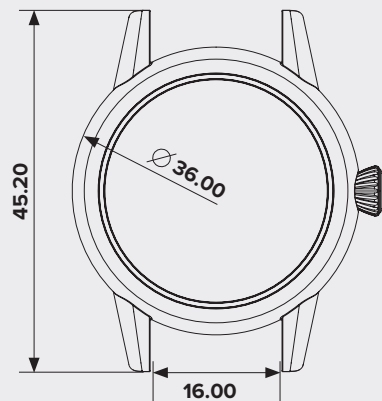


MANUFACTURER: AVIATOR WATCH SA

AIRCRAFT TYPE: DOUGLAS DC-3

REFERENCE NUMBERS: BEGINS WITH V.1.33

DIMENSIONAL DATA



TECHNICAL SPECIFICATIONS

Functions

Hours, minutes, seconds, date, moon phase

Movement type

Swiss Quartz, Ronda 708

Crown

Non screw-locked

Crystal

Sapphire crystal / glare-proofed / scratch-resistant

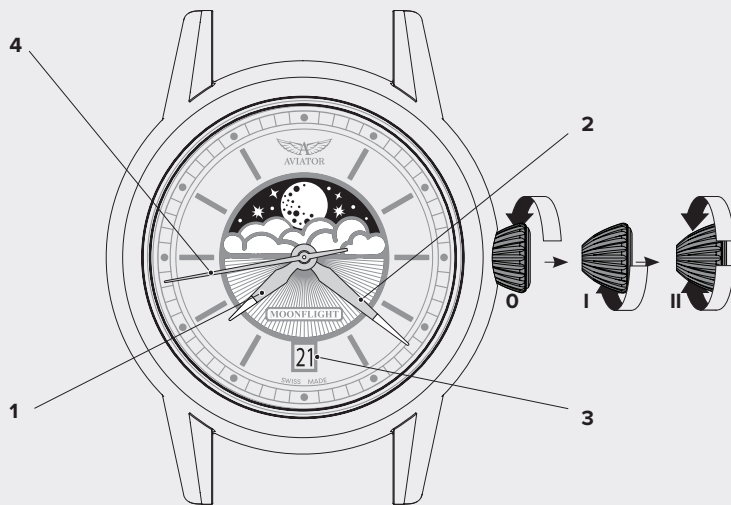
Water resistant

100 M (330 ft)

WATCH LAYOUT



1	Hour hand	Seconds hand	4
2	Minute hand	Crown	5
3	Date display	Moon phase display	6



- | | | | |
|----------|--------------|-----------------------|-----------|
| 1 | Hour hand | Working position | 0 |
| 2 | Minute hand | Date setting position | I |
| 3 | Date display | Time setting position | II |
| 4 | Seconds hand | | |

BASIC FUNCTIONS

STARTING THE WATCH

Your AVIATOR watch is battery-powered with power reserve up to 60 months. If you envisage not wearing your AVIATOR watch for several weeks or months, we would advise you to store it with the crown pulled out into position II. This cuts the electrical power supply to the motor, consequently extending the battery life.



When wearing the watch, always return the crown to position 0 to ensure your watch is water resistant.

DATE SETTING

First, set the time to 12 midnight in order to know the exact starting point of 24 hours. To set the date on your AVIATOR watch, pull the crown to position I, turn the crown forward to choose the correct date. Once the date is set correctly, push back the crown to position 0. Now you can set the correct time.

If a month has fewer than 31 days, you will need to set the date manually to the first day of the following month.

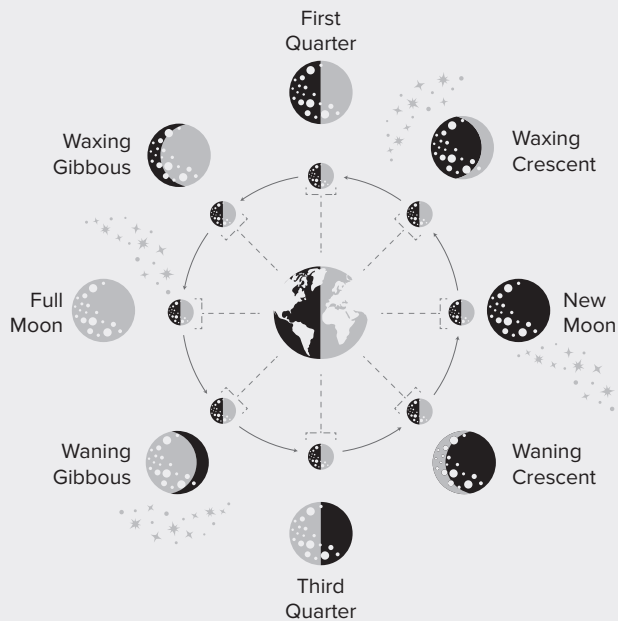
TIME SETTING

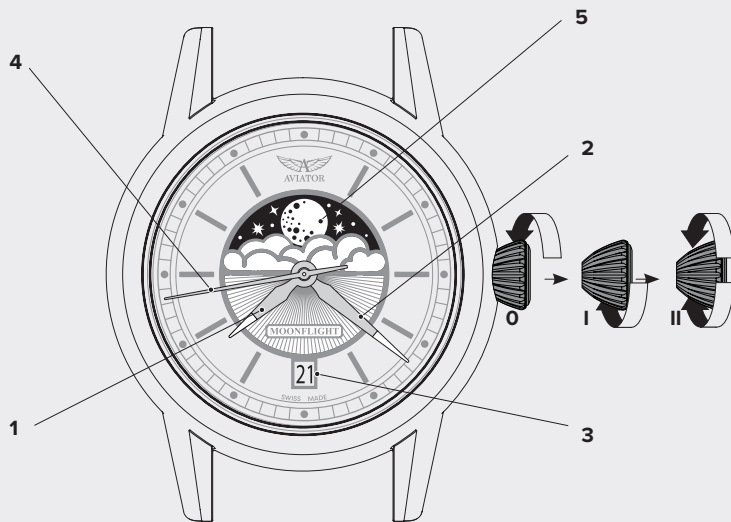
Pull out the crown to position II. This will stop the movement to set the time accurately to the second. It is best to stop the movement as the seconds hand passes "60". Now move the minute hand a little bit beyond the time to be set. Then adjust the position of minute hand by moving it backward to the correct minute stroke. This ensures that the minute hand starts to move just when you restart the movement. To make the watch working again push the crown back to position 0.

LUNAR PHASES

People always see the same side of the moon, because the moon rotates around the Earth in such way that the same side is always facing the Earth. However, as you know the moon has a different pattern every night. That is because the moon does not glow, but reflects the light of the sun. Sometimes the entire face illuminates brightly and other times the moon seems to be not visible entirely. These changes can be divided into stages that symbolize the change of the shape. We refer to the percentage of illumination on the visible face of the moon as the lunar phase. There are eight major phases that have been known throughout human history: new moon, waxing crescent, first quarter, waxing gibbous, full moon, waning gibbous, third quarter and waning crescent. These phases form a cycle that repeats every 29.5 days.

The chart on page 47 illustrates the above explanation. The ring in the center shows that the moon orbits around the Earth and that the sun illuminates only half the Earth and half the moon at all the times. However, as the moon rotates around the Earth every night we see the moon in different way – sometimes we see the moon fully illuminated, but sometimes we see the moon mostly in the shadow. The outer ring illustrates how we see the moon on the Earth during certain part of the moon's orbit and names each phase.





1	Hour hand	Working position	0
2	Minute hand	Date setting position	I
3	Date display	Time setting position	II
4	Seconds hand		
5	Moon phase display		

MOON PHASE SETTING

First, set the full moon as the starting point. To set the full moon on your AVIATOR watch, pull the crown to position II, turn the crown forward to move the moon disc and set it to the full moon (the full moon is when the moon is in the center of the window). Keep the time at 12 midnight. To set the current moon phase, consult the current years' lunar calendar below and find the date of the last full moon. Change the crown to the position I in order to set the date of the last full moon. Once the full moon date is set, change the crown to position II and move the moon disc until the current date and time is set. Now the set-up is finished and you shall not forget to push the crown back to position 0.

FULL MOON DATES

	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
Jan	10	28	17	6	25	13	3	22	12	30
Feb	9	27	16	5	24	12	1	20	10	28
Mar	9	28	18	7	25	14	3	22	11	30
Apr	8	27	16	6	23	13	2	20	9	28
May	7	26	16	5	23	12	1 / 31	20	8	27
Jun	5	24	14	4	22	11	29	19	7	26
Jul	5	24	13	3	21	10	29	18	6	25
Aug	3	22	12	1 / 31	19	9	28	17	5	24
Sep	2	20	10	29	18	7	26	15	3	22
Oct	1 / 31	20	9	28	17	7	26	15	3	22
Nov	30	19	8	27	15	5	24	14	2	21
Dec	30	19	8	27	15	4	24	13	2 / 31	20