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Citizen JY8075-51E

Citizen Promaster Air Skyhawk Eco-Drive Pilot Watch User Manual

Model: JY8075-51E

PRODUCT OVERVIEW

The Citizen Promaster Air Skyhawk A-T is a sophisticated pilot watch designed for precision and reliability. It features atomic timekeeping synchronized across 43 cities, ensuring superior accuracy. This timepiece is equipped with Citizen's innovative Eco-Drive technology, which powers the watch using any light source, eliminating the need for battery replacements.

Key functions include a 1/100 second chronograph, perpetual calendar, dual time display, two alarms, a 99-minute countdown timer, digital backlight, and Universal Coordinated Time (UTC) display. Its robust black ion-plated stainless steel case and bracelet, combined with an anti-reflective sapphire crystal, make it durable and easy to read in various conditions. The watch also boasts luminous hands and markers for visibility in low light and is water resistant up to 200 meters.

SETUP

Initial Charge

As an Eco-Drive watch, your Promaster Skyhawk is powered by light. Before initial use, ensure the watch is fully charged by exposing it to bright light (natural or artificial) for several hours. A full charge can last for over six months, even in the dark.



Figure 1: Front view of the Citizen Promaster Air Skyhawk watch.

Setting Time and Date (Atomic Timekeeping)

This watch features atomic timekeeping technology, which automatically synchronizes the time. For optimal reception, place the watch near a window or in an open area, especially during nighttime hours when signals

are strongest. The watch will attempt to receive time signals daily.

- Refer to the detailed instructions in the full user manual for specific steps on manual time setting or troubleshooting signal reception.
- Ensure your home city is correctly set for accurate atomic time synchronization.

OPERATING INSTRUCTIONS

Using the Chronograph

The 1/100 second chronograph measures up to 24 hours. Consult the full user manual for precise button operations to start, stop, and reset the chronograph.

Dual Time and UTC Displays

The watch allows for tracking of dual time zones and displays Universal Coordinated Time (UTC). Use the crown and pushers to navigate and set these functions according to the comprehensive manual.

Alarms and Countdown Timer

Set up to two alarms and utilize the 99-minute countdown timer for various timing needs. Detailed instructions for setting and activating these features are available in the complete user guide.

Pilot's Rotating Slide Rule Bezel

The rotating slide rule bezel is a key feature for pilots, enabling calculations such as fuel consumption, flight time, and speed. Familiarize yourself with its operation by referring to the dedicated section in the user manual.



Figure 2: Side view highlighting the watch's controls.

MAINTENANCE

Eco-Drive Care

To maintain optimal performance of your Eco-Drive watch, ensure it is regularly exposed to light. Avoid prolonged storage in dark places, as this can deplete the power reserve. If the watch stops, expose it to bright light to recharge.

Cleaning and Storage

Wipe the watch regularly with a soft, dry cloth to remove dirt and oils. For water-resistant models, rinse with fresh water after exposure to saltwater and dry thoroughly. Store the watch in a cool, dry place, ideally where it can receive some light to maintain its charge.



Figure 3: Back view of the watch, showing the case back.

TROUBLESHOOTING

- **Watch not running or hands not moving:**

This typically indicates a low power reserve. Expose the watch to bright light for an extended period (e.g.,

direct sunlight for several hours or under a fluorescent lamp for a full day) to fully recharge it.

- **Incorrect time:**

Verify that the atomic time signal reception is strong in your area. If not, try moving to a location with better reception. You may also need to manually set the time or perform a manual signal reception. Refer to the full user manual for detailed instructions on manual adjustments.

- **Digital display issues:**

If the digital display is dim or not functioning correctly, ensure the watch is fully charged. If the issue persists, a reset may be required as per the full user manual's instructions.

SPECIFICATIONS

Feature	Detail
Model Number	JY8075-51E
Power Source	Eco-Drive (Light-powered)
Case Material	Black Ion-Plated Stainless Steel
Crystal Type	Anti-Reflective Sapphire Crystal
Water Resistance	200 Meters (660 Feet)
Functions	Atomic Timekeeping (43 Cities), 1/100 Sec Chronograph, Perpetual Calendar, Dual Time, 2 Alarms, 99-Min Countdown Timer, Digital Backlight, UTC Display, Power Reserve Indicator, Pilot's Rotating Slide Rule Bezel
Dimensions	4.72 x 4.72 x 4.72 inches
Weight	14.4 ounces

WARRANTY AND SUPPORT

Warranty Information

Your Citizen Promaster Air Skyhawk watch comes with a **5 Year Limited Warranty**. Please retain your proof of purchase for warranty claims. For full terms and conditions, refer to the official Citizen website or the complete user manual.

Additional Resources

For comprehensive instructions, detailed diagrams, and advanced features, please download the official User Manual (PDF): [Citizen Promaster Air Skyhawk User Manual \(PDF\)](#).

For further assistance or service inquiries, please visit the official Citizen website or contact their customer support.

