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Model: JY8078-52L

1. INTRODUCTION AND OVERVIEW

The Citizen Promaster Skyhawk A-T JY8078-52L is a sophisticated timepiece designed for precision and reliability. Featuring Citizen's Eco-Drive technology, it is powered by light, eliminating the need for battery replacement. This model boasts atomic timekeeping, ensuring unparalleled accuracy by synchronizing with atomic clocks in 43 cities worldwide. Its robust design and comprehensive features make it an ideal companion for aviation enthusiasts and global travelers.



Figure 1: Front view of the Citizen Promaster Skyhawk A-T JY8078-52L watch, showcasing its intricate dial and robust stainless steel bracelet.

2. KEY FEATURES

- **Eco-Drive Technology:** Powered by any light source, continuously and sustainably.
- **Atomic Timekeeping:** Synchronizes with atomic clocks for superior accuracy in 43 time zones.
- **Chronograph Functionality:** Measures elapsed time with 1/100-second precision.
- **Perpetual Calendar:** Automatically adjusts for odd and even months and leap years.
- **Dual Time & UTC Display:** Allows tracking of two different time zones simultaneously, including Coordinated

manual atomic time synchronization, please refer to the comprehensive Official User Manual (PDF).

4. OPERATING INSTRUCTIONS

The Promaster Skyhawk A-T offers a variety of functions accessible through its crown and push-buttons. Understanding the different modes (Time, Chronograph, Alarm, Timer, Calendar) and how to navigate between them is key to utilizing the watch's full capabilities.

To switch between modes, pull the crown out to the first or second click position and rotate it to select the desired function indicated on the dial. Push-buttons are used to start/stop the chronograph, set alarms, or adjust other settings within each mode.

Video 1: An official overview of the Promaster Skyhawk watch, demonstrating some of its key features and design elements.

For detailed instructions on operating specific functions such as setting alarms, using the countdown timer, performing chronograph measurements, or utilizing the pilot's slide rule, please refer to the comprehensive Official User Manual (PDF).

5. MAINTENANCE

Proper maintenance ensures the longevity and performance of your Citizen Promaster Skyhawk A-T watch.

- **Charging:** Regularly expose the watch to light to maintain its charge. Avoid prolonged storage in dark places.
- **Cleaning:** Wipe the watch case and bracelet with a soft, dry cloth. For stubborn dirt, a slightly damp cloth can be used, followed by drying. Avoid harsh chemicals.
- **Water Resistance:** While water-resistant, avoid operating the crown or push-buttons when the watch is wet or submerged to prevent water ingress. After exposure to saltwater, rinse the watch with fresh water and dry thoroughly.
- **Temperature Extremes:** Avoid exposing the watch to extreme temperatures, both hot and cold, as this can affect its accuracy and internal components.



Figure 3: The durable product case designed to protect your Citizen Promaster Skyhawk A-T watch during storage or travel.

6. TROUBLESHOOTING

If you encounter issues with your watch, consider the following common troubleshooting steps:

- **Watch Not Running/Losing Time:** Ensure the watch is fully charged by exposing it to bright light for an extended period. A low power reserve can affect functionality.
- **Atomic Time Synchronization Failure:** Ensure you are in an area with good radio signal reception, away from electronic interference. Try initiating manual reception. Check if your home city is correctly set.
- **Hands Not Aligning:** Perform a 'All Reset' and 'Zero Positioning' procedure as outlined in the official manual to realign the hands.
- **Digital Display Issues:** Check the power reserve. If the display is dim or blank, the watch may need more light exposure.

For more complex issues or if troubleshooting steps do not resolve the problem, please consult the detailed troubleshooting section in the Official User Manual (PDF) or contact Citizen customer support.

7. SPECIFICATIONS

- **Model Number:** JY8078-52L
- **Movement:** Eco-Drive (U680)
- **Case Material:** Stainless Steel
- **Band Material:** Stainless Steel
- **Clasp Type:** Foldover Clasp with Push Button
- **Crystal:** Anti-Reflective Mineral Crystal (Note: Some variants may feature Sapphire)
- **Water Resistance:** 20 BAR (200 meters / 660 feet)
- **Case Dimensions:** Approximately 46.8 mm (Height) x 46.8 mm (Width) x 14.9 mm (Depth)
- **Weight:** Approximately 6.6 oz (187 grams)
- **Power Reserve:** Up to 6 months when fully charged (without light exposure)

8. WARRANTY AND SUPPORT

Citizen offers a **five-year limited manufacturer's warranty** on all its products, including the Promaster Skyhawk A-T JY8078-52L. This warranty covers defects in materials and workmanship under normal use.

For warranty claims, service, or additional support, please visit the official Citizen website or refer to the warranty information provided with your purchase. Keeping your proof of purchase is essential for any warranty service.

The complete Official User Manual (PDF) contains detailed warranty terms and contact information for customer service.