

BigSkyAstro**User Manual****Manual PDF****Help PDF****Test Checklist****Help Page****Checklist PDF**

BigSky Planner iOS Test Checklist

Release 17 (3) regression checklist for iPhone and iPad review. Use it before App Store release or a user-facing website/manual refresh.

Release: 17 (3)

Updated: 2026-07-16

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Preflight

- ☐ Confirm app version shows Version 17 build 3 anywhere version is displayed.
- ☐ Install fresh on a simulator.
- ☐ Install over the previous build on a physical iPhone.
- ☐ Launch cold, force quit, and relaunch with no crash.
- ☐ Confirm automatic Light Mode and Dark Mode remain readable.
- ☐ Confirm no clipped buttons, unreadable text, or controls under the tab/menu bar.

Home

- ☐ Home opens to app actions, not a marketing/static card.
- ☐ Location, Weather, Set Up, and Help actions are visible.
- ☐ Internet-required labels appear where expected and do not crowd titles.
- ☐ My Telescope time fields accept HHMM and AM/PM .
- ☐ Applying My Telescope time routes to Location and updates weather/planning windows.
- ☐ My Telescope card padding leaves the bottom information card readable.
- ☐ Bottom information card shows Location Name, Telescope With Accessories, Total Targets, and Chosen Hemisphere Targets.

Locations

- ☐ Location page opens at the top when selected from Home.
- ☐ Country can be entered first for manual address entry.
- ☐ Address fields render appropriately for selected country and remain editable.
- ☐ Address lookup and GPS lookup return usable locations.
- ☐ After GPS fills a new site, Address Info collapses automatically and can be expanded again.
- ☐ A newly started location card can be canceled without saving.
- ☐ Location editing page scrolls so lower fields remain reachable.
- ☐ Elevation is visible, editable, saved, and used for weather pressure adjustment.
- ☐ Only one saved location can be default at a time.

Smart Scope And Set Up

- ☐ Smart Scope page opens from Home.
- ☐ Smart scope picker includes expected bundled smart scopes and accessories.
- ☐ ZWO Seestar S30/S50, Unistellar, Vaonis, DWARFLAB, and Celestron profiles are present as expected.
- ☐ Saving the smart scope persists it for target planning.
- ☐ Set Up includes About This App, language, units, internet permission, smart telescope update, and target database options.
- ☐ Actions that leave the app open in controlled in-app windows/views where applicable.

Targets

- ☐ Target Setup page title and Home action read **Target Setup**.
- ☐ Top Apply button is not present; Update Data and Current Setup have the extra room.
- ☐ Initial target page asks the user to apply filters when no filters have been applied.
- ☐ Catalog, Time, and Filter cards open popups.
- ☐ Catalog card is red until catalog/magnitude is set, then green.
- ☐ Time card is red until a required time window is set, then green.
- ☐ Filter card is red until user filter data is set after opening it, then green.
- ☐ No popup appears when Home time is missing; the Time card simply shows red.
- ☐ Catalog popup Apply Catalog action works.
- ☐ Cancel and Apply buttons remain reachable in Catalog and Time popups.
- ☐ Apply Filters works from inside the active popup and from advanced settings.
- ☐ Invalid advanced filter data prompts for a correction.
- ☐ Altitude limits accept **0** through **99** ; azimuth limits accept **000** through **360** .
- ☐ Low altitude field advances focus to high altitude after low is populated.
- ☐ Altitude values entered by the user are retained after applying.
- ☐ Clear Sky filter ranges can be added one after another without leaving the card.
- ☐ A newly started Clear Sky card can be canceled.
- ☐ Target cards scroll under the filter area so filters remain reachable.
- ☐ Search by target name/id, magnitude filter, and object type filters work.
- ☐ Returning to Target Setup restores current temporary catalog, time, and filter settings.
- ☐ Stale transient target cards show Update Data and cannot be used until refreshed.
- ☐ Target Database Update summary lists changed transients and pulled-and-stored asteroid/comet names.

Planner And Observation

- ☐ Planner page opens from bottom navigation.
- ☐ If no plan exists, message reads **No plan is currently built.**
- ☐ Existing plan can be loaded, sorted, saved, previewed, printed, shared, and deleted.
- ☐ Plan cards scroll under save/print options.
- ☐ Sort options are present: Start Time, Zenith, Magnitude.
- ☐ Printed/PDF output uses spreadsheet-style rows and includes Start, End, ALT, AZ, and Mag.
- ☐ Saved plan survives app relaunch.
- ☐ Selecting two or more checked targets and Add to Plan queues observation-time sheets one after another.

Weather And Sky Info

- ☐ Weather page opens from Home and title reads **Weather and Sky Info** on one line.
- ☐ Glass treatment matches the rest of the app.
- ☐ Weather uses the currently selected default location.
- ☐ Date and Time Period Forecast card lists only the forecast date and time period.
- ☐ Sunset and Sunrise are labeled correctly, with Sunset shown before Sunrise.
- ☐ Viewing period matches My Telescope times or the default fallback.
- ☐ Source row names the weather source and includes Update.
- ☐ Weather source text fits without wrapping awkwardly.
- ☐ Hourly rows show hour, sky icon, cloud %, rain %, pressure trend, temperature, and dew point.
- ☐ Barometric pressure is adjusted for saved elevation when elevation exists.
- ☐ Bortle/SQM estimate and time of total darkness display for the saved location when available.
- ☐ Moon graphic/phase state and illumination percentage render correctly.
- ☐ Done button stays above the bottom menu bar and returns to Home.
- ☐ Weather failure/no-internet state does not crash the app.

Screenshots, Manuals, And Website

- ☐ App Store screenshot folders exist for iPhone 16 Pro Max 6.9-inch and iPad Air 13-inch.
- ☐ Screenshot filenames are numbered in the order the user sees the flow.
- ☐ Weather data page and plan page screenshots exist.
- ☐ Screenshots do not show debug overlays, simulator chrome, unreadable text, or clipped controls.
- ☐ User manual PDF uses current screenshots and current wording.
- ☐ Website manual page links the current PDF and latest help page.
- ☐ Website checklist page opens as a separate page and links the current checklist PDF.

Build, Archive, And Regression

- ☐ Clean build succeeds for simulator and physical iPhone.
- ☐ Archive succeeds for generic iOS device.
- ☐ Export/upload configuration uses App Store Connect export options.
- ☐ No tarballs or large development artifacts are inside the app project bundle/resources.
- ☐ App icon renders correctly and is not duplicated as unwanted UI.
- ☐ No crash when location, weather, targets, or plan data are missing.
- ☐ No crash when switching rapidly between Home, Location, Targets, Planner, Weather, and Set Up.
- ☐ Physical iPhone install behaves the same as simulator for core flows.

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