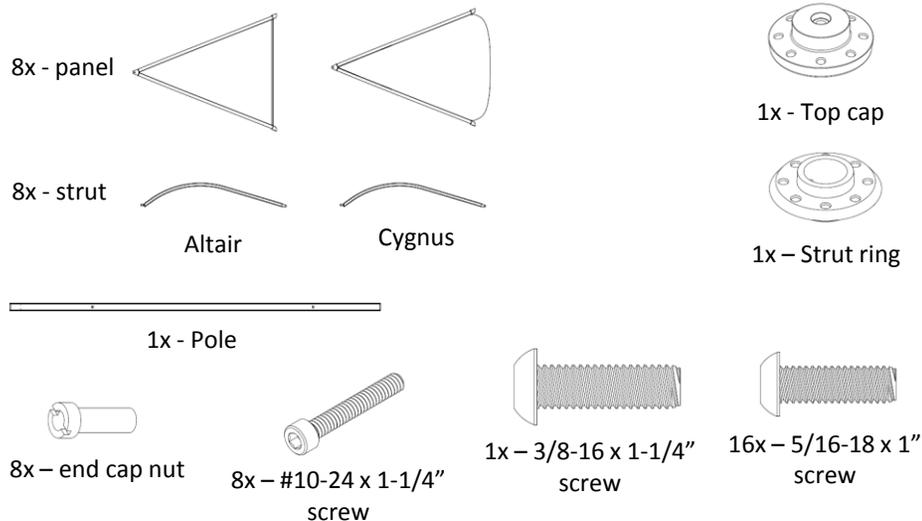


Altair

Cygnus

## Included components



## Tools Required

- 7/32", 3/16" and 5/32" Allen head wrenches
- Flat blade screwdriver

For installing umbrella to table or stand:

- No. 2 Phillips screwdriver
- 7/16" wrench or adjustable wrench
- Proper personnel for lifting umbrella – weight is approximately 80 lbs.

**ASSEMBLE WITH CARE!** Pangard II® Polyester Powdercoat is a strong, long-lasting finish. To protect this finish during assembly, place unwrapped powdercoated parts on packaging foam or other non-marring surface. Do not place or slide powdercoated parts on concrete or other hard or textured surface – this will damage the finish causing rust to occur. Use touch-up paint on any gouges in the finish caused by assembly tools.

## WARNING: SOLSTICE UMBRELLA MUST BE USED WITH SURFACE MOUNTED OR EMBEDDED TABLE OR SURFACE MOUNT STAND.

NOTE: If specifying a Solstice umbrella with Landscape Forms' Charlie picnic tables, the surface mount stand must also be specified. For all other Landscape Forms tables or picnic tables, the umbrella secures to the table and no stand is required. The hardware for securing the umbrella to the table or stand is shipped with the support.

See separate installation guides for surface mount stand or table.

Storage: It is recommended to leave the Solstice unit installed all year. If the unit must be stored, remove from table or stand. Replace the bolt in the table or stand. Loosen top cap center screw and remove pole from canopy assembly. Replace screw in top of pole.

## PROCEDURE FOR INSTALLATION:

Note: **Do not fully tighten any hardware until the unit is completely assembled.** As hardware is installed, tighten until just snug, then loosen 1/2 turn. Once unit is assembled, all hardware can be fully tightened.

Assemble umbrella on a non-marring surface. Sufficient overhead clearance must be available before you begin. **Avoid low hanging power lines.**

1. Install and anchor table or surface mount stand according to installation guides.
2. Install strut ring on pole. See Fig. 1.
3. Install the top cap with the 3/8-16 x 1-1/4" socket button head cap screw. See Fig. 2.
4. Attach two struts to strut ring. See Figs 3a and 3b.
5. Install one panel between the two struts. Fit holes in end caps over alignment pin at the end of each strut. Bolt to top ring. See Figs 4a, 4b and 4c.
6. Attach next strut, working in a counter-clockwise direction when looking at the top of the umbrella. See Fig 5.
7. Install next panel by repeating step 5. Bolt together the panel end caps using the #10-24 screw and end cap nut. Leave 1/8" gap between end caps. See Fig. 6.
8. Rotate umbrella so that second installed panel is in the 6 o'clock position. See Fig. 7.
9. Repeat until all panels and struts are installed. If it is difficult to connect the final end caps, relieve stress by adjusting the top of the panel connection. Check to ensure that all endcaps have 1/8" gap.
10. Once unit is fully assembled, tighten all hardware. Do not overtighten. Tighten end cap hardware first, strut ring hardware second, top ring hardware third and then the top cap center screw.
11. Lift assembled umbrella into hole in table or surface mount stand, taking care not to scratch the tabletop.
12. Turn umbrella to align holes in support and pole. Insert 1/4-20 bolt through holes and install locknut. This hardware is shipped with the table support or surface mount stand. The surface mount stand has two screws and locknuts.

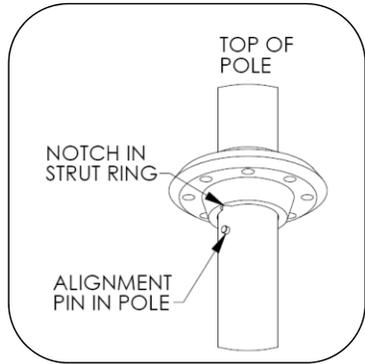


Fig. 1 – Install strut ring

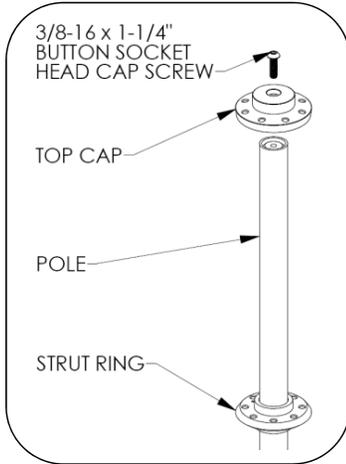


Fig. 2 – Install top ring

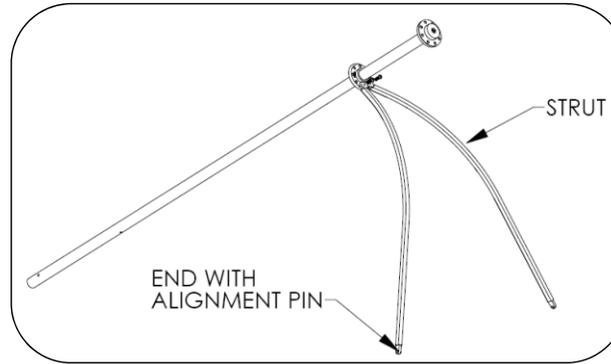


Fig. 3a – Install struts

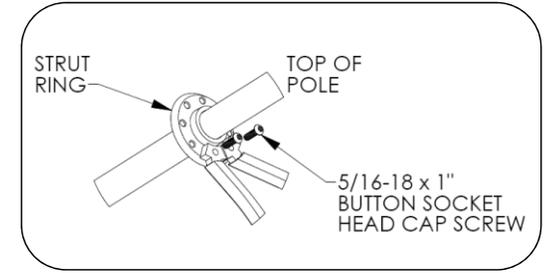


Fig. 3b – Install struts

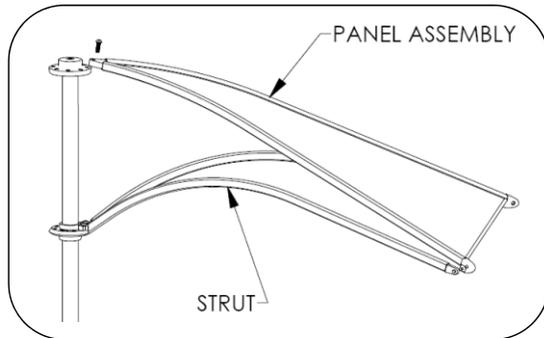


Fig. 4a – Install panel

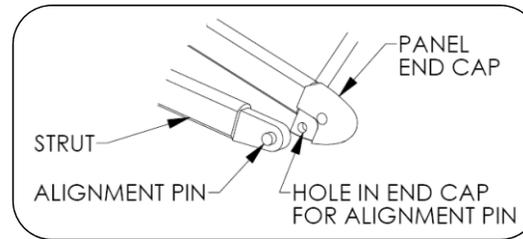


Fig. 4b – Install panel

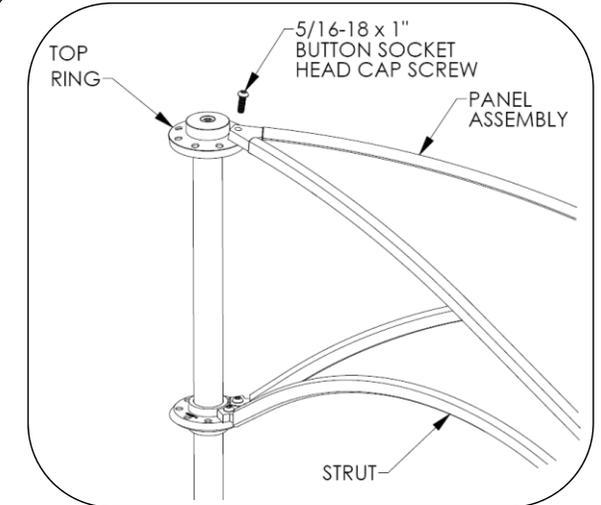


Fig. 4c – Install panel

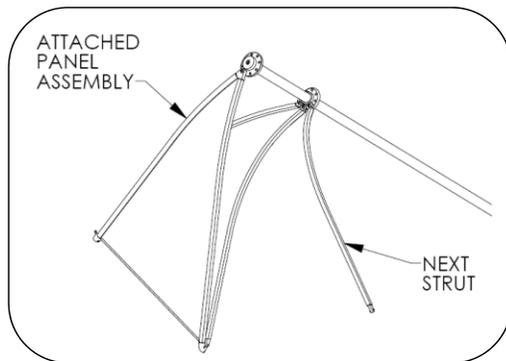


Fig. 5 – Install next strut

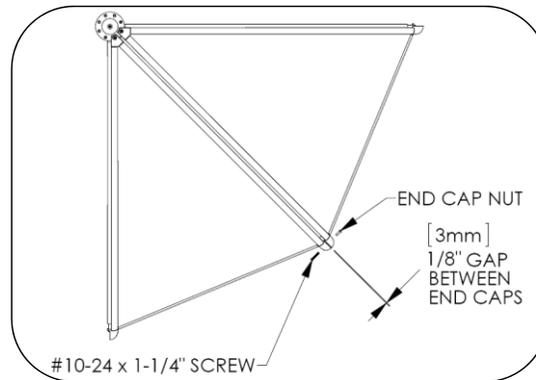


Fig. 6 – Install next panel

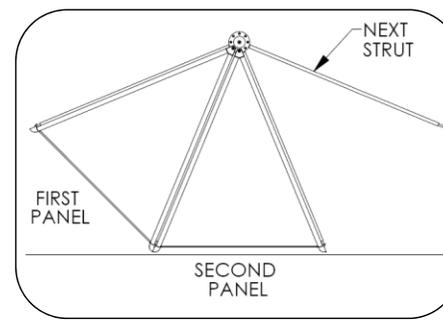


Fig. 7 – Rotate partially assembled unit

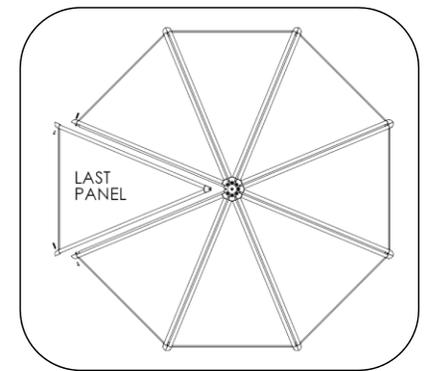


Fig. 8 – Install last panel