

The Transland Family Newsletter

NEWS LETTER

Winter '22

CP PRODUCTS

SATLOC

The **TRANSLAND** Family

WINGMAN

SWITCH BACK

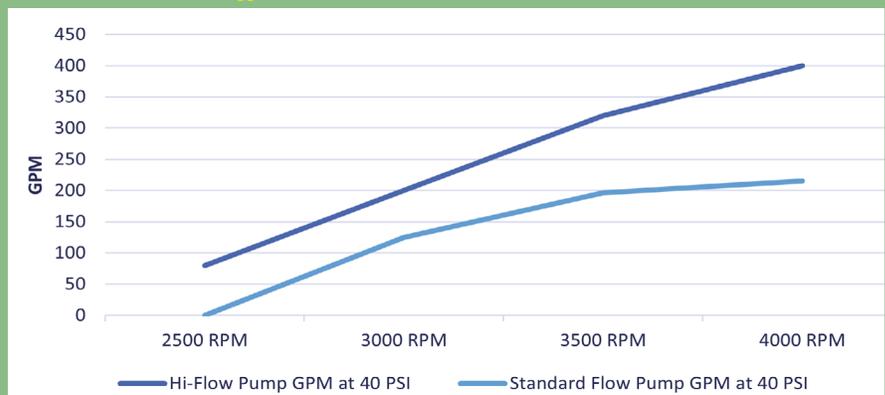
Creating Quality Products for Ag Pilots

In This Edition

- Hi-Flow Spray Pump vs. Standard
- Expert Tips: Nozzle Installation
- Satloc Falcon GPS System
- Employee Spotlight
- Integration of G4 and Transland Boom Shut-Off

Hi-Flow **SPRAY PUMP** VS. Standard

6 1/2" Standard vs. Hi-Flow Spray Pump GPM Rates at Different RPMs, 3" Inlet - 2.5" Outlet



Hi-Flow Spray Pump

STANDARD FLOW RATES AT LOWER RPM =

Less Wear on Seals & Bearings



1206 Hatton Rd. Suite A
Wichita Falls, TX 76302

**KEEP UP-TO-DATE ON
AG AVIATION PRODUCTS**

Expert Tips

NOZZLE INSTALLATION



Quality equipment on an aircraft gives an applicator and grower the edge over their competition. CP Products get the drop to the crop while reducing the cost of replacement nozzles when properly maintained. Properly installing and maintaining the equipment is key to keeping a higher profit margin.

Check Valves Attach to the Boom at the Inlet



Inlet

Attach the Nozzle to the Check Valve at the Outlet



Outlet

Identifying if a Nozzle is Parallel with Airstream

Each nozzle consists of a top section that should face up when on the boom.



*Top of Body is Flat 1 cm Line Marks Top Top of Body is Flat

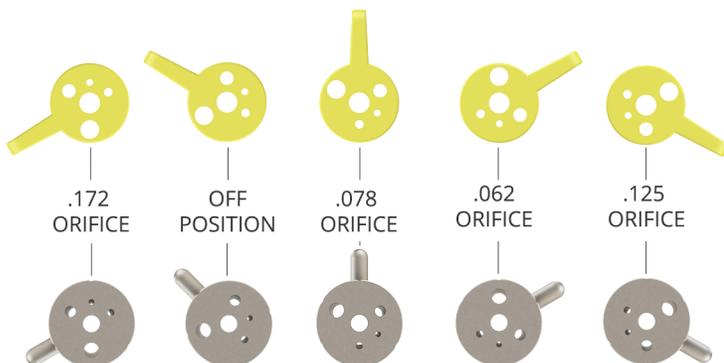
Additional Information

*The CP-11TT Nozzle will click into place when set on tip for use. The tip in use will be on the bottom.

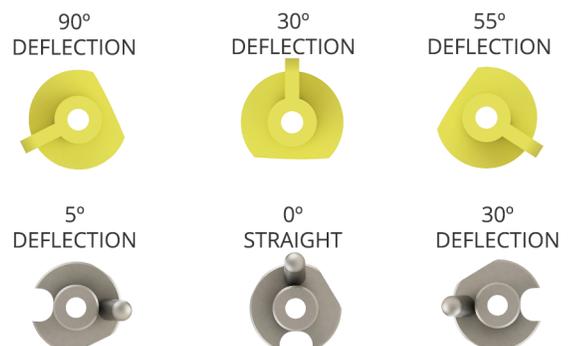
Tips for Installing CP Nozzles

- ✓ Do NOT use wrenches or any other tools on CP nozzles. Use hand pressure only when installing nozzles or check valves. CP nozzles are manufactured with a tapered female thread that will crack the body when over-tightened.
- ✓ Use Teflon paste instead of Teflon tape. Teflon tape can contain tiny strands, which can cause drip problems.
- ✓ Check tension on each nozzle and check valve cap while installing. Tension should be loose enough on the nozzle to allow changing of orifice or deflector by hand. Also, make those tight enough to prevent movement once those are set. Check valve cap should be tight.
- ✓ Inspect nozzles for tightness each day for several days after initial installation. Components tend to "seat" and only need to be periodically checked after that.
- ✓ Mount nozzle so that liquid is released parallel to airstream in non-turbulent areas on spray boom.

AERIAL SELECTOR HANDLE PLACEMENT



AERIAL DEFLECTOR HANDLE PLACEMENT



SATLOC FALCON



The next generation is on the horizon. Uncompromised quality. Withstands more rugged conditions. Advanced GPS technology to meet and surpass the demanding application requirements. Say hello to the future — the Satloc Falcon.

Falcons are Straightforward – As Is Satloc Falcon's User Interface

Over the course of the upcoming months, Satloc will share the different characteristics of a falcon bird and how the Satloc Falcon is just as powerful as its namesake.

Touchscreen Display with Multiple Options for Menu Navigation and Data Input

The streamlined and modernized user interface clearly presents information, giving the pilot more straightforward navigation in flight and on the ground. The Falcon GPS is equipped with a 9" or 7" touch screen display, displaying modern app buttons and dropdown menus. The display is simple and intuitive with reduced data on the screen showing only what is in use and needed. For example, when using liquid controls, the dry options are hidden. Not only is a touchscreen available, but also a multi-functional knob is at one's fingertips for menu

navigation and changing values. Both ways of navigating through the user interface allow a user to access almost every setting within one to three clicks or scrolls.

Integrated AIMMS System: Reducing Components, Installation and Costs

A new and exclusive partnership with the AIMMS system makes a second screen unnecessary and reduces cost. The Falcon display utilizes controls that simplify the AIMMS interface, calibration, and usage.

Setup Wizards

Occasionally, pilots perform setup tasks that are complex or unfamiliar to them. With this in mind, Satloc engineers designed setup wizards to ease the stress of the users and simplify setups. For example, there are 28 possible combinations in an aircraft that could be setup for boom control. It is often difficult for a user to know exactly how to select inputs to match the wiring. A setup wizard presents a user with a series of questions that leads a person to the

correct setup.

Updates Across the Fleet

In conjunction with Satloc Cloud, once a set-up is complete for various things in a Falcon GPS system, a company can share those set-ups across its fleet. For example, complete a boom set-up, name that boom, and then share the boom profile across the company's fleet. As a result, less time is spent setting up the same profile across all aircraft, effectively producing cost savings and reducing frustration.

Faster Software Updates

Nothing is more exasperating than waiting on software updates after turning on your ag aviation GPS system. So the Falcon engineers organized it into modules. Modular software system components allow for quick, seamless, and nonintrusive updates to the end-user. Designed to update when connected to the internet, the Falcon can get the latest software without plugging in a USB or sending it to a dealer.

Watch for more info about the Satloc Falcon and its release in fall/winter 2022.

Employee HIGHLIGHT

Mitch Brown is often the voice you hear when you call for Satloc tech support.

Here's a little more information about him — After high school, Mitch attended college for aviation maintenance, earning an Airframe & Powerplant Certificate. Since 2005, Mitch has worked on and around aircraft.

Mitch lives in Kansas with his beautiful wife and children. **One thing that stands out about Mitch to his fellow employees is his witty sense of humor and his willingness to go above and beyond to help someone.**



SATLOC
TECH SUPPORT



Installation support



Text support



Troubleshooting



Email support



Application support



Desktop support



Phone support



How To videos

SUPPORT@SATLOC.COM
CALL OR TEXT 833-4-SATLOC
WWW.SATLOC.COM



Transland
Quality



Satloc
Technology



Satloc G4 Integrates with Transland Boom Shut-Off Kits

Transland engineers created a compact design for the partial boom shut-off to reduce drag and effect on spray pattern. Sectional control is done with electric valves. As a way to meet the various pilots' needs, the shut-off kits work with classic Transland booms and the new, patent-pending weldless stainless steel booms.

When the pilot switches the button, the signal is automatically sent to the G4 GPS System. The G4 adjusts the flow rate to maintain pressure. Additionally, the G4 will change swath width to match the selection of the Boom Shut-Off. The G4 monitors three boom sections.

Need a Local Dealer?

Visit Translandllc.com or Satloc.com, then click the "Dealer" tab.

For Ordering Info
Contact Your
Local Dealer