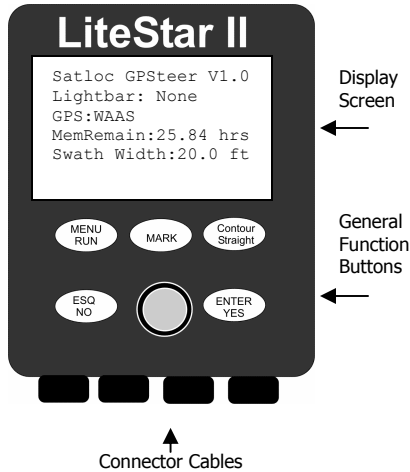




Quick Reference Guide

Version 1.0

Controller



How to: Using the Controller



Rotary dial – scroll up and down the display screen menu items. Scroll through field options when entering data. Scroll left or right to manually adjust the swath line heading (Skew) or position (Offset).



Enter/Yes – save information in the system.



Esc/No - close a display screen without saving information.



Mark – **Future function** – set or return to a navigation mark or waypoint.




Straight/Contour – switch between Straight and Contour mode.



Menu/Run – press to toggle between Menu mode and Run mode. Menu mode allows you to change settings; Run mode provides guidance.

Quick Start

Note: In Contour guidance, make sure spray is ON when setting A and B points. To switch from Contour to Straight guidance, press the  key at any time while in Run mode.


How to: Using GPSteer


1. Turn on power. You will see the start-up screen.

```
Satloc GPSteer V.1.0
Lightbar: None
Steering: GPSteer
GPS: Wait
MemRemain: 25.84 hours
Swath Width: 20.00 feet
```

2. The default swath width is 20 feet. To select a different swath width:

- a. Press  to access the main menu.


Straight 000	Menu
	New AB Line
0.00	Contour Mode
	Next Field
	Swath Setup
	System
	Status Disp

- b. Select Swath Setup. To select a new swath width, press  at the *Swath Width* field.

```
Swath Setup Menu
Swath Width: 20.0 feet
Sensitivity: 5
Steer Type: Skew
```


Tip! To change the units, select System from the main menu.

- c. Use the rotary dial to scroll through 1-9 for each digit.

Press  to advance to the next number. To save your settings and return to

Run mode, press .

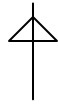
3. Wait until you have GPS lock – the screen will show **GPS: OK** when you have a position lock and prompt you to press your A point.

Straight 000	Apply: Off
	GPS: OK
0.00	Steer: On
	Type: Skew
	Ready for A

4. Drive to point A and press




to select A.

Straight 000  0.00	Apply: Off GPS:OK Steer: On Type: Skew Ready for A
---	--


5. Drive to point B and press




to select B.


Straight 000  0.00	Apply: Off GPS:OK Steer: On Type: Skew Ready for B
---	--


6. Press  to engage the automatic steering system.


Straight 000  0.00	Apply: Off GPS:OK Steer: On Type: Skew Enter = Engage
---	--


7. Turn the rotary dial to the left or right to fine-tune your position on the swath, represented by the line on the screen, as shown on the right.

Straight 000  <<<0.20	Apply: Off GPS:OK Steer: On Type: Skew Esc = Disengage
--	---

8. At the end of the first swath, press  to disengage the steering to turn onto the next swath.

Straight 000  0.00	Apply: Off GPS:OK Steer: On Type: Skew Esc = Disengage
---	---

9. When the vehicle is close to the desired heading and the cross-track distance is < 1m (0 = lined up with the swath line), press  to engage the steering again.

Straight 000  0.00	Apply: Off GPS:OK Steer: On Type: Skew Enter = Engage
---	--

Adjusting Your Position

GPSteer precisely bases its guidance on the swath line you set using the A|B line and your entered swath width. However, you may need to make position adjustments due to natural hazards, such as a stream cutting through your field.



Turning the rotary dial left or right while in Run mode will adjust either the heading angle or the position (to the left or right) of the current swath line depending on if you are currently in **Skew** or **Offset**

mode. To select Skew or Offset mode, press **MENU RUN** to access the main menu and select the Swath Setup menu. In the *Steer Type* field, press



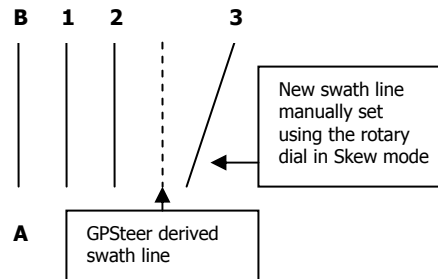
to toggle between Skew and Offset modes.

<p>Swath Setup Menu Swath Width: 20.0 feet Sensitivity: 5 Steer Type: Skew</p>
--

Skew

Skew allows you to adjust the *heading angle* of the current swath line.

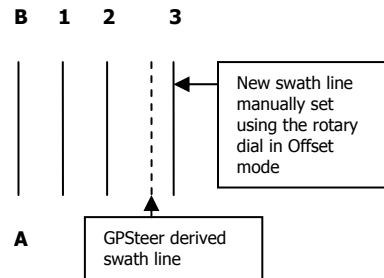
Straight 000 <<<0.20	Apply: Off GPS:OK Steer: On Type: Skew Esc = Disengage
-----------------------------	--



Offset


Offset allows you to adjust the *position* of the current swath line to the left or right of the current swath line.

Straight 000 <<<0.20	Apply: Off GPS:OK Steer: On Type: Offset Esc = Disengage
-----------------------------	---




Starting a New Field

How to: Starting a New Field

1. Press  to access the main menu.
2. Select *Next Field*.


Warning! Selecting Next Field will erase the old field.


3. Proceed with entering your A and B points and driving the new field.

Straight 000  0.00	<u>Menu</u> New AB Line Contour Mode Next Field Swath Setup System Status Disp
---	---

Setting a New A|B Line

How to: Setting a New A | B Line


1. Press  to access the main menu.
2. Select *New AB Line*.
3. Proceed with entering your A and B points and driving the new field.

Straight 000  0.00	<u>Menu</u> New AB Line Contour Mode Next Field Swath Setup System Status Disp
---	---


Setting a Mark

Future function. This function is currently disabled.

Settings

Straight 000  0.00	<u>Menu</u> New AB Line Contour Mode Next Field Swath Setup System Status Disp
---	--

How to: Changing Settings

- New AB Line** Erases old A|B line and returns display to "Ready for A."
- Contour Mode** Selects Contour mode and returns display to guidance screen. If Contour mode is the current mode, Straight mode will be displayed in the menu (allowing you to switch to Contour mode).
- Straight Mode** Selects Straight mode and returns display to guidance screen. If Straight mode is the current mode, Contour mode will be displayed in the menu (allowing you to switch to Straight mode).
- Next Field** Erases all swaths and A and B points and returns display to "Ready for A."
- Swath Setup** Allows selection of swath width (in meters) and steering type (Skew or Offset). Press  to return to the guidance screen.
- System** Allows selection of system options: units (feet or meters), display options, lightbar options, GPS options, and steering calibration options.
- Status Disp** Provides GPS status information.

Menu Map

