

Bill Boston Customer Story

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Bill Boston has known the advantages of GPS lightbars and has been using them for his spraying operation for many years. While using a lightbar has advantages in his spraying operation, he really notices an increase in fatigue from trying to watch the light bar continuously. “I know I’m doing a better job than a foam marker, but trying to drive by the lightbar really wears on me.” Last year Bill installed a FieldPilot[®] hydraulic assisted steering system for his AGCO RT155A tractor.

Boston has been using FieldPilot assisted steering system to run a 18’ vertical tillage tool, 30’ anhydrous toolbar, and an 80’ sprayer. “We didn’t go as far as weighing anhydrous tanks to compare between auto guidance and manually applied, but it was very evident that we are doing a better job when you look at a field and see straight passes with no overlap or skips.” After a year of using the FieldPilot assisted steering system the Boston’s really appreciate the gain in productivity that they can achieve now. “Everyone knows the advantages you can expect to see in fuel savings and input costs when you use assisted steering. I think the biggest advantage is the efficiencies you gain in reducing operator stress. After running 10-12 hours continuously in an operation, I would look for any excuse to quit for the day and get out of the cab. Now I’m less fatigued and can run a couple of hours more than when I would have to concentrate on my driving.”

Boston also used his FieldPilot assisted steering system on their 18’ vertical tillage tool. “I didn’t think I would see a lot of overlap with a 18’ wide tillage tool. With a vertical tillage tool there is so little soil disruption that it is hard to see where your last pass was. I noted that when I was doing this manually that I would be overlapping as much as 2 feet sometimes. It’s also impossible to run this tool at night without the aid of the FieldPilot assisted steering system.”

Boston added a new 2009 AGCO RT120A to his operation this year that will be a dedicated tractor used for spraying. Sold on the advantages of assisted steering he inquired about adding this feature from the factory when he ordered his tractor. “We don’t use Strip-Till in our operation and don’t require RTK accuracy. For what we use it for WAAS accuracy is good enough. A factory installed hydraulic assisted steering system with WAAS accuracy was significantly more than adding on the TeeJet Technologies FieldPilot assisted steering system.” Boston also installed

NAME: Bill Boston
LOCATION: Athensville, Illinois
FARM SIZE: 2200 Acres
CROP: Corn, soybeans and winter wheat
PRODUCTS: CenterLine[®] 220
FieldPilot[®] Assisted Steering System





a FieldPilot assisted steering system onto an older four wheel drive AGCO tractor that he uses for general tillage. “There wasn’t a FieldPilot vehicle kit for this model so we installed a general kit and had our dealer make the right hydraulic hoses for us. Once we had hoses made the installation only took us a couple of hours.”

By reducing driver stress and fatigue, as well as reducing skips and overlaps, the TeeJet Technologies FieldPilot system provides definite cost savings and helps farmers control their operation costs.

EQUIPMENT:

2009 AGCO RT120A
CenterLine 230 with FieldPilot Assisted Steering System
2006 AGCO RT155A
CenterLine 220 with FieldPilot Assisted Steering System
1994 AGCO ALLIS 9690
CenterLine 220 with General FieldPilot Assisted Steering System

BOSTON’S PAST GPS EXPERIENCE:

Manual lightbar for spraying

BOSTON’S FIELDPILOT EXPERIENCE:

Greater productivity, less stress
Quick return on investment
Reduced fuel costs



Assisted Steering System

FieldPilot is an innovative GPS guidance device that provides effective results in an easy-to-use package at an unbeatable price. Guidance information is provided on a bright, clear graphical display and also on a built-in lightbar. The system will provide manual or automated guidance in all guidance modes supported by the guidance system being used. The simplicity and value that make CenterLine® 220 and CenterLine® 230BP manual guidance so appealing are now available in an assisted steering package that is ready to make a difference in your operation.

FieldPilot connects to the hydraulic power steering system to provide reliable and convenient control. This method of connection keeps the cab free of brackets and motors that may interfere with normal steering.

During operation, the first pass in a field is driven manually. Subsequent passes are conducted by lining up the vehicle near the desired swath and engaging assisted steering. The vehicle will automatically maintain its precise location on the desired track. At the row end, the operator can easily disengage the steering system and make the headland turn manually.

- Low cost assisted steering
- Simple installation and operation
- Hydraulic steering interface for optimum performance
- Works with all guidance modes supported by the guidance system being used
- Tilt compensation and Gyro-stabilization included standard
- Remote engage/disengage switch
- Custom installation kits available to fit most common vehicles

TeeJet
TECHNOLOGIES

TeeJet Technologies
1801 Business Park Drive
Springfield, IL 62703 USA
Tel: (217) 753-8424 • Fax: (217) 753-8426
www.teejet.com

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