

GPS/AVL SYSTEMS

Cirus GPS/AVL

<https://www.certifiedpowersolutions.com/products/snow-ice/data-collection-reporting/>

State	Quantity tested	Season tested	Instructions	Ease of installation	Vendor support	Durability	Addressed problem	Overall satisfaction
Idaho	409 units	2014-2017	4	4	5	5	5	5
Idaho	N/A	2013-14	4	4	5	5	4	4
Idaho	N/A	2013-14	5	5	5	N/A	4	4
Average rating			4.3 - helpful	4.3 - easy	5 - extremely helpful	5 - excellent	4.3 - well	4.3 - satisfied

Comments

Idaho Transportation Department (2013-2014) • Overall rating: 4

Excellent customer service, working with Cirus data tool to customize to Idaho's needs were outstanding. Provide all the information we needed except for plow position. Hardware issue with ITD trucks.

Geotabs

<https://www.geotab.com/>

State	Quantity tested	Season tested	Instructions	Ease of installation	Vendor support	Durability	Addressed problem	Overall satisfaction
Missouri	N/A	2015-2017	4	5	5	5	4	4
Average rating			4 - helpful	5 - extremely easy	5 - extremely helpful	5 - maintained excellent condition	4 - well	4 - satisfied

Comments

Missouri DOT (2015-2017) • Overall rating: 4

We are very satisfied. Our entire fleet of 200 heavy duty vehicles in our SW district will be equipped with GEO Tabs this season.

Interfleet GPS/AVL

No longer available from the manufacturer. For past survey results, please email greg.waidley@ctcandassociates.com.

LaserLine Guidance Laser for Wing Plows (Model GL3000C)

<http://www.laserlinemfg.com/>

State	Quantity tested	Season tested	Instructions	Ease of installation	Vendor support	Durability	Addressed problem	Overall satisfaction
Arizona	N/A	2017-18	3	N/A	3	3	3	3
Idaho	2-3	2017-18	5	4	4	5	5	5
Minnesota	N/A	2008-09	4	4	4	5	5	5
Minnesota	1	2007-08	5	5	4	5	4	4
Montana	8	2013-15	4	3	5	5	3	4
Utah	10	2015-18	3	4	3	3	4	3
Utah	16	2007-08	5	4	5	5	4	5
Average rating			4.1 - helpful	4.0 - easy	4.0 - helpful	4.4 - good	4.0 - well	4.1 - satisfied

Comments on LaserLine Guidance Laser for Wing Plows (Model GL3000C)

Arizona DOT (2017-2018) • Overall rating: 3

Comments from our Payson Supervisor: Lasers have been a huge help for the area we work in. I have used Wings without and with. With having this piece of equipment, the drivers seem more confident when working narrow roads, or dealing with a lot of guardrail, even in whiteout conditions. The lasers can pick up delineation, and even the guardrail tabs. The only thing you need to make sure you do is set it up right for the truck that is using it, and what area. Not all areas are the same, and not all trucks are the same. The other issue when installing these is that you need to make sure they are hooked up correctly to have the lens cleaned off when operating the laser during a storm. They have come a long way in the past couple of years in keeping these lenses clean. If these fail or break down, it does take some time to have these repaired from a vendor standpoint.

Idaho Transportation Department (2017-2018) • Overall rating: 5

Based on the experience, we are now making this unit a standard on all trucks with wing plows.

Minnesota DOT (2007-2008) • Overall rating: 4

This was a great cost savings project, we had no accidents with fixed objects along the road when in use. The vendor was great to deal with and just a great all around project. There are plans to use this on the paving machine.

Montana DOT (2013-15) • Overall rating: 4

To early to tell.

Utah DOT (2015-2018) • Overall rating: 3

We use wing plow lasers mostly in straight line operations around the city. We have found that using them in canyons and on very curvy roads just causes the laser to bounce around where the wing plow isn't going to really be anyway and they end up being a distraction rather than helping.

Utah DOT (2007-2008) • Overall rating: 5

Our field crews installed the units without having to use the central shops. We cut back avoidable hits by 85% overall. The worse the conditions the more help the laser unit is. Overall, we are very pleased with the GL3000C.