

Strategic Lean Project Report



WDFW Enforcement 93rd Shop Law Enforcement Truck Retrofit

Agency: Washington State Department of Fish and Wildlife

Partners and Customers: WDFW Law Enforcement Officers and members of the 93rd Shop

Project Impact

WDFW doubled enforcement truck retrofit production from 3.5 trucks per month to 7 trucks per month.

The increased truck retrofit pace provides enforcement officers the trucks they need at the time they need them, without any waiting time (between turning in older trucks for the newer retrofitted trucks).

Project Summary

As WDFW Law Enforcement trucks reach a certain mileage, the chances of a field breakdown or accident rises, and the Department ends the use of those trucks. To replace those trucks, the 93rd shop retrofits new trucks, but at a pace that leaves little time for errors or competing priorities.

Increase truck output from 3.5 trucks per month to 5 trucks per month by 3/15/2016.

Working with 93rd shop personnel;

- Increased production to greater than 5 trucks per month without additional FTE
- Improved shop and tool layout design using currently available resources
- Increased staff efficiency

Project Results



Cost

Decreased personnel hours spent on modifying a truck **from 29 working hours to 19 working hours.**



Time

Decreased time needed to retrofit a truck **from 101 days (total touch time, ordering to production) to 63 days (total touch time, ordering to production).**

Project Details

Date improvement project was initiated: 12/1/2015

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