WEIGHT ANALYSIS PROCESS FLOW

1. Address the client need:
   - Determine the vehicle type and what will be added.
   - Conduct an assessment of the vehicle's use and mobility device.

2. Record the GVWR and GAWR (F/R):
   - Record the GVWR and GAWR for the vehicle.
   - Then weigh the vehicle and calculate the pre-mod load carrying capacity (LCC) (if hitch lift, record tongue weight rating).

3. Determine how the vehicle will be used and estimate the payload.
   - Consider the expected occupants or cargo.

4. Assess the client's needs:
   - Assess the client's needs and modify the plan as necessary.

5. Complete weight analysis:
   - Confirm weight ratings have not been exceeded and remaining load carrying capacity is greater than DSP x 150 lbs.

6. Confirm F/R axles will not be overloaded.
   - Use dunnage or similar to simulate post-installed weight.

7. Identify any special weight concerns with expected occupants or cargo.

8. Complete weight analysis & delivery documents:
   - Generate the final report and send out for conversion.

9. Are additional modifications needed?
   - Send out for conversion if necessary.

10. Did install add 220 lbs or more?
    - Yes: Results OK? (YES: END)
    - No: Yes or no?

11. Does install add 100 lbs or 1.5% GVWR?
    - Yes: Results OK? (YES: END)
    - No: Yes or no?

12. Complete weight analysis.& delivery documents:
    - Generate the final report and send out for conversion.

13. Are additional modifications needed?
    - Send out for conversion if necessary.

14. Final results OK?
    - Yes: Results OK? (YES: END)
    - No: Yes or no?

15. Did install add 100 lbs or more?
    - Yes: Results OK? (YES: END)
    - No: Yes or no?

16. Complete weight analysis & delivery documents:
    - Generate the final report and send out for conversion.

17. Are additional modifications needed?
    - Send out for conversion if necessary.

18. Final results OK?
    - Yes: Results OK? (YES: END)
    - No: Yes or no?

19. Did install add 100 lbs or more?
    - Yes: Results OK? (YES: END)
    - No: Yes or no?

20. Complete weight analysis & delivery documents:
    - Generate the final report and send out for conversion.

21. Are additional modifications needed?
    - Send out for conversion if necessary.

22. Final results OK?
    - Yes: Results OK? (YES: END)
    - No: Yes or no?

23. Did install add 100 lbs or more?
    - Yes: Results OK? (YES: END)
    - No: Yes or no?

24. Complete weight analysis & delivery documents:
    - Generate the final report and send out for conversion.

25. Are additional modifications needed?
    - Send out for conversion if necessary.

26. Final results OK?
    - Yes: Results OK? (YES: END)
    - No: Yes or no?