**General Comments**:

Does each problem only consider the movement of a single aircraft? This is never clearly indicated in your manuscript. You have two different types of aircraft included; however, your formulation seems to indicate only one aircraft at a time. Otherwise, you must have a distinction for c\_d in the formulation (since the c\_d values differ between aircraft types).

Please enhance and expand the verbal description of the formulation. You have 1.5 pages of equations and only half a page of explanation to explain the equations. The equations are not common knowledge, so an adequate explanation is necessary.

It is possible that a different usage of terminology has led to a misinterpretation in your paper. I think you use “pallets” when referring to what I have normally heard “aircraft pallet positions” or simply “pallet positions.” And I think you use “consolidated item” to refer to what I understand to be a “packed pallet” (albeit with all items having the same final destination). I’m not opposed to your usage of these terms; however, it does not seem to follow the standard terminology (and therefore can confuse your audience).

**Specific Comments**:

Please explain the mathematical formula in more detail. You adequately explain some sets and terms; however, there are other terms that are used without any real description or definition. For example:

Epsilon in equations (3) and (6). *I think these are deviations from the longitudinal axis; however, as the reader, I should not “wonder” at the purpose for any terms.*

Tau in equations (5) and (6). You state that this is torque, but there are many different ways to compute torque. Are you using the “force x distance” version (with a flat surface, so you do not need to include the cosine of the an angle)? If so, please explain this.

I understand that equation (1) is the objective function, and that the constraints are equations (17) – (24). Are equations (2) through (15) just mathematical definitions of the terms used in the (1) and (16) through (24)? If so, I recommend you reorganize these equations in this manner:

* Objective function (1)
* Subject to: all constraints, which are equations (17) – (24)
* Where: define all mathematical terms, which are equations (2) – (15)

This follows a bit more commonly used conventions.