



Digital Event – 7th– 9th December 2020

When undertaking the transportation by air of pharma commodities, it is essential for those involved to be particularly aware of the potential for damaging mishandling and above all the possibility of unacceptable temperature changes. To avoid problems a robust matrix of handling procedures must be put in place.

Each shipment requires close liaison between cool chain operators and the coordinated user of specialised storage facilities with linked equipment and product specific handling methods. With a total annual transportation commitment of over one trillion dollars, the pharma industry earns that special attention. and air freight is the most popular method for temperature-controlled product delivery. With time advantages and geographical flexibility unrestricted by infrastructure limitations, the use of air freight is particularly suitable for both international and national distribution.

With such inherent advantages air freight logistics companies are in a strong position to cooperate and establish common methods for the safe and efficient movement of pharmaceutical products worldwide.

Questions to Be Asked by Chris Notter

Pharma - An established and highly publicised product reference within the Cargo sector. So much investment and years of emphasis from representative and regulatory bodies including customers and pharma companies.

All through the supply chain, requirements have been communicated from the Pharma community itself, directed towards Carriers, and Ground Handling Agent Companies.

GDP and CEIV as barometers of success and capability - which is preferred?

Which is more effective?

Is the cost and effort worthwhile?

Should Ground Handling Agents be planning on storage?

CV-19 has added a totally new ingredient into the mix and now with potential vaccines on the horizon how will the Aviation sector step up and deliver expectation.

As an industry are we prepared for the Vaccine Demand & Supply challenge that faces us and how do we do so whilst maintaining all other critical supplies using Cargo solutions?

- Time for Airports to review their own eco-system capability.
- Governments to coordinate the various sector task forces and working groups.
- Various tiers within the end game distribution process need to be involved and clarity of purpose established:
 - Carriers
 - Airports
 - GHAs
 - Regulators
 - Integrators
 - Charter brokers
 - LCCs - pax equipment
 - Private Aviation
 - FBOs
 - Last mile providers
 - Temporary and/or second line facilities

Collaboration - Continuity & Sustainability of our industry as well as others depends on the success of the coordinated aviation project -

Areas requiring attention and question:

- Who provides the oversight guidelines for Pharma and especially vaccines?
- How are the guidelines formatted and structured and will there be special focus on vaccines?
- What validation and verification controls are provided?
- How is the tracking capability measured through-out the entire supply chain?
- What urgent upgrades are needed in facilities?
- How much 'storage' capacity is required?
- How will the primary loads be distributed?
 - where to?
 - by whom?
 - how?
 - when?
- What training is available?
 - Gradual on-line modules?
 - Competent and accredited source?
- New PC - Post COVID-19 leadership consideration - how are persons remaining within the business after 'practical sizing' being assessed for leadership roles?
- Clarification of temperature controls -- possibilities?

- SOPs - LOPs for each temperature range
 - Capability built in at source will reduce the amount of vaccine per shipment – to what degree will this increase capacity demand?
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- New criteria for extended PAX EQUIPMENT as FREIGHTER including regional distribution by LCCs and Private Aviation - oversight and controls - how will these be managed?
 - How can the entire program be communicated and directed effectively to ensure transparency and competency?
 - What additional security measures will be required?
 - How will these security requirements be advised, trained, checked, controlled?
 - What advice would you give to the industry from your specific perspective?
 - What time frame are you expecting before distribution starts?
 - Do you have any involvement with task forces or review groups?
 - Are your airports taking a lead?
 - Are you aware of the capacity requirements and process modifications or service options that will be necessary?
 - What urgent steps do you feel are now necessary to ensure effective oversight and handling of vaccines in the established pharm framework?

From Crisis to CARE – this is one major step in Aviation history where every corner of our industry needs to coordinate, collaborate, communicate, and control what we do in the eyes of the world looking on.