



Biosecurity For Live Poultry In Transit

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Air Cargo Committee / Cobb

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Overview

- Background
- Air Cargo Committee
 - Poultry Primary Breeders
- Process of Transporting DOC/HE internationally
- Remarks



Who We Are

The U.S. Poultry & Egg Association is the world's largest poultry organization. Membership includes producers and processors of broilers, turkeys, ducks, eggs, and breeding stock, as well as allied companies. We have member companies worldwide and 27 affiliated state associations.

Air Cargo Committee

Several breeder companies joined together to form the USPOULTRY Air Cargo Committee to find ways to reduce the losses. They developed what became the Air Cargo Seminar to convey to the airlines proper handling techniques and environmental conditions necessary to protect their perishable, but valuable products.

Positive results were soon realized, and losses declined. Today, Air Cargo Seminars continue to be presented to airlines periodically in Miami, New York, Atlanta, Dallas, Chicago, and Washington DC.



Primary Breeder/Air Cargo Committee Member Companies

- **Aviagen**
- **Aviagen Turkeys**
- Centurion Poultry, Inc.
- **Cobb-Vantress, Inc.**
- CWT Farms, Inc.
- **Hubbard Breeders LLC**
- **Hy-Line International**
- Keith Smith Company, Inc.
- Morris Hatchery
- Valley Of The Moon Commercial Poults



Poultry Primary Breeders

- A handful of companies
 - Meat-type (chicken): --- >95% world broiler production
 - Turkeys: --- >80% world turkey production
 - Egg-type (chicken): --- > 80% world egg production
- Highest biosecurity standards in the poultry industry
- More than 3 decades exporting breeding stock globally!
- **Never implicated in spread of AI (LPAI, HPAI)!!!**
- ***Risk of spread through DOC or HE = negligible!!!***

Process of transportation

- Boxes

- ❖ Chicks: cardboard or plastic
- ❖ Eggs: Cardboard (usually 360 eggs per box)



- New, never used
- Do not return to hatchery

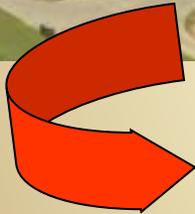


Sending product to the world...

Farm to hatchery to airport

Total control and custody

Company-owned trucks (C&D prior to every load)



Truck drivers (company employees adhere to biosecurity protocol)



Process of transportation

- Airports & Airlines

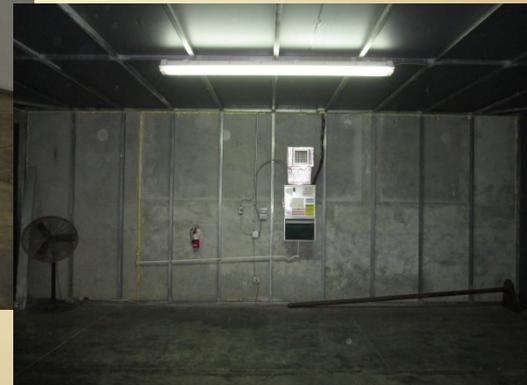
- In the USA: ATL, MIA, JFK, ORD, MEM
 - Located in industrial areas = no commercial poultry in immediate vicinity
 - Surveillance and scare practices for wild birds within airport grounds (avoid bird-strikes)
- KL, DL, CX, UX, FX, LF

- Why?

- Location, routes, experience, policy, reliability, infrastructure

Process of transportation

- Freight forwarder:
 - Location, experience, reliability, infrastructure
 - C&D periodically; hand sanitation; exclusivity in some cases



Process of transportation

- Palletization
 - Metal sheet for easier handling of air cargo
 - Neither chicks nor eggs have direct contact with warehouse floor
 - In-house, at Freight forwarder's warehouse or on-site



Policies

- No co-mingled flights
 - Communication!!!
- Flights
 - Direct when possible, available
 - Connections through airline hubs: AMS, FRA, HKN, etc.
 - Animal facilities, temp-controlled?
 - Segregation!!!
- Freight forwarding agents
 - SOPs
 - Facilities – temp-controlled

Transit airports

- KLM - AMS
 - GMP and it is part of our Border Inspection License
 - Strive for segregation in time and space
 - No primary breeding stock overlaps with other levels of genetic pipeline and different avian species
 - Periodic C&D of animal facilities and equipment



Animal Hotel

- In-house NVWA (State veterinarians) check point.
 - Monday / Friday: 07.15 until 14.30 hrs.
 - Evening and in weekends on request.

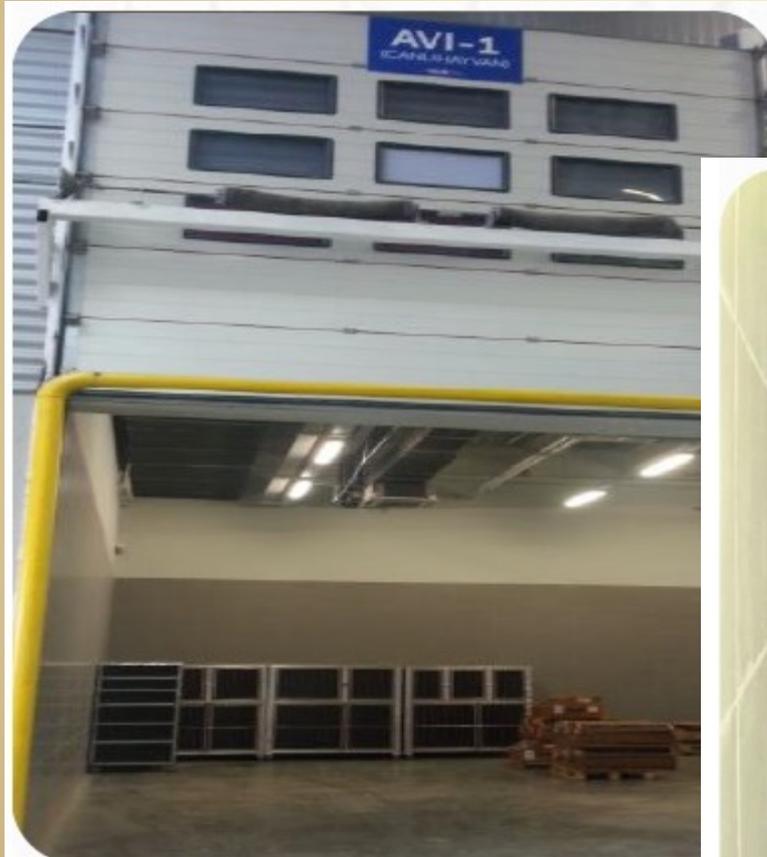


Transitional facilities

- European facilities
 - Animals in transit must meet EU import requirements!!!
 - Official veterinarians available upon request



Transitional facilities



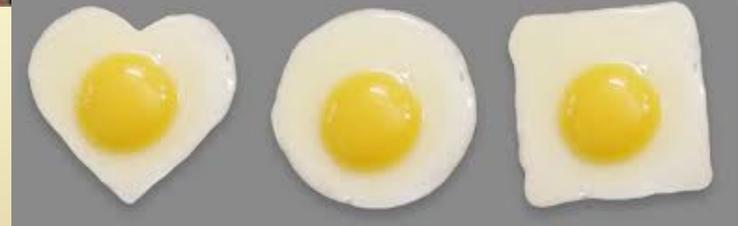
Concluding remarks

- Only a few Poultry Primary Breeding companies
 - 2-3 for each type (egg-, meat-chicken, turkey)
- Biosecurity, biosecurity, biosecurity
- Over 3 decades shipping breeding stock globally
- CLEAN HISTORY of AI → No spread ever!
- Risk of transmission of HPAI through DOC and HE is negligible

Considerations

- Transportation conditions for DOC and HE are planned to ensure wellbeing and avoid contact with other birds
- Transit through international airports of countries affected by HPAI ***should*** be allowed
- Ground transit through affected areas should be considered when situations are under control

The result?



Food for the world!!!