WMS Program: System Overview

For the purpose of this contest, here are some useful tables and graphics that will enable you to answer the contest questions. This information will also be covered in your WMS Training, which will take place prior to your station's Go-Live.

Warehouse Processes by WMS Tool

RF Scanner	Web Terminal
Presort	Inspection
Receiving	Receiving
COMAT Receiving	Discrepancy Receipt
LP Putaway	Discrepancy Resolution
Return to Stock	Parts Control Processing
Discrepancy Receipt	Search / Release Kit
Inbound Move	HAZMAT Packing
Warehouse Transfer In/Out	Maintain Delivery Routes
Parts Control Move	Shipping
Movement	Container Search / Tracking
Kitting	Reporting
Picking/Packing	
Outbound Delivery	
Inventory Control	

WMS Terms

Term	Description
Company	*Company* is the name of the software vendor who partnered with the Airline to develop the new WMS solution.
XYZ	XYZ; refers to bar codes that are placed on containers and are linked to information associated with that container such as tracking tag numbers and M&E numbers. Rotables are assigned individual XYZs, while expendables are typically associated with the XYZ of their container
WMS	A new warehouse system that will work on top of the old system and "talk" to it • It is designed to increase inventory accuracy, item traceability, and real time system updates • Tools will include a new web interface (Web Terminal) and a portable RF scanner
HJ One	Web interface tool for *Company*/WMS system
RF Scanner	RF Scanners increase speed of system entries • Scanning reduces the need for typing • Reduces the chance of keyboard entry errors

RF Scanner Key Functions

F1: Cancel; return to previous screen

F3: Done

F4: Scroll up

F8: Scroll down; go to next page; display list

RF Scanner Benefits

- Increases speed of system entries
    - Scanning reduces the need for typing and reduces the chance of keyboard entry errors
- Electronic records increases speed of system entries
    - This results in fewer paper tickets to print, review and store
- Tasks will be assigned by priority to the next available resource
- Expiration dates for shelf life controlled items are recorded and tracked in the system
    - Users can review expiration dates for O-rings and Paint and Patch kits through reports

New Warehouse Processes in WMS

Process	Function
Presort	The Presort process is used on the dock to assist users sorting through packages to determine their receipt type.
Warehouse Transfer In/Out	The Warehouse Transfer In/Out process will allow a users to create inventory in the WMS without an inbound order. It will increase traceability of tires and brakes within the warehouse.
Container Move	The Container Move process will allow users to move containers to a new location or move (associated) containers to an XYZ.
SkyTrack	A cellular program used by Warehouse drivers who are delivering parts between Warehouse locations and gates. This will keep track of parts outside of Wi-Fi connectivity.
Crossdock	When inventory is received into the warehouse or when non-allocated inventory is being moved around the warehouse, the system will look for cross dock opportunities. If a cross dock opportunity is found, the inventory can be allocated to the order and staged for packing and shipping without the inventory being putaway first
Inbound Move	This process allows a user to pick up one or many LP's from Inbound Locations and direct them to their destination Inbound Location.
Reprint	The ability to reprint delivery labels, LPs, and other documents during a process.
Planned Move Pick Up	This will allow the user to complete a planned move, which was a discontinued move by a previous storekeeper who dropped the part at a P&D (Pick and Drop) location.
Planned Move Outsort	A built-in, background process that will determine where items need to be delivered within the warehouse.
Controlled Area	A Storekeeper can verify the inventory in a controlled location by physically counting each item and validating it against the system's count. The system will direct the Storekeeper to a location with an associated cycle count, guiding him/her through prompts to validate the system's inventory count versus what is actually in the location. When the Storekeeper adds or subtracts items in the location, the system will update their location quantity accordingly.