BPS C5 4-DAY COURSE OUTLINE

DAY 1: MACHINE HARDWARE OVERVIEW

I. TOPIC:

Today's training will begin with a general overview of the BPS C5's course structure and expectations, then a presentation identifying the main hardware components of the C5 that includes the four main modules' and their sub-modules' names, locations, and functions. The students will then be guided through the removal and replacement process for the Input Module's Covers, Singler Assembly, Upper and Lower Sensor Assemblies, Main PCB, Stacker 1 and Reject Stacker all in accordance with the previously identified procedures and best practices. Students will then be guided through the removal and replacement process for the three main sub-modules of the Standard Delivery Module (the Horizontal Transport, the Vertical Transport, and the Stacker Pockets) in accordance with the previously identified procedures and best practices.

II. TRAINING OBJECTIVES:

Upon completion of this day's training events, the student should be able to:

- Define the C5's main purpose.
- List the C5's four main modules.
- Identify the sub-modules of each main module.
- Identify the main components of each sub-module and the primary function completed by each module and how each component contributes to the main function of the C5.
- Illustrate a BN's three main processing paths through the C5.
- Identify the location of the four Sensors used in machine.
- Describe the function of each Sensor.
- Identify PD types used in machine.
- Define PD naming format.
- Locate all PDs and explain their purpose.
- Disassemble and Reassemble C5's Main Modules

III. INSTRUCTIONAL TASKS:

(C5 Training_ALL.ppt - Day 1 Section then Hands-On)

- Training Orientation
  - Safety Precautions
  - Building Orientation
- Machine Theory of Operation Presentation
- Component Identification and Operation Presentation
- Hands-On: Remove and Replace the Input Module's Covers, Singler Assembly, Upper and Lower Sensor Assemblies, the Main PCB, Stacker 1, and Reject Stacker
- Hands-On: Remove and Replace the Standard Delivery Module's Horizontal Transport, Vertical Transport, and Stacker Pockets

DAY 2: SOFTWARE AND OPERATION OVERVIEW

I.   TOPIC:

Discuss C5 operating methods and constraints, as well as Report and Log generation, basic software structure, and navigation of the GUI.

II. TRAINING OBJECTIVES:

Upon completion of this day's training events, the student should be able to:

- Define ATM, FIT, UNFIT, and Reject.
- Define the Criteria for Fitness Sorting.
- Explain how the Fitness Threshold Settings apply to ATM/FIT/UNFIT.
- Define the two types of Denomination processing.
- Define common Sort modes.
- Define common Accounting Modes.
- Identify main screen items on GUI.
- Identify and define purpose of the three User Types.
- Demonstrate login for all three User Types.
- Navigate through all Operator user menus.
- Navigate through all Supervisor menus.
- Navigate through all Service menus.
- Perform Common Machine actions.
- Complete a Jam Recovery.
- Identify all Reports available from machine.
- Identify all Reports available for Operators.
- Identify all Reports available for Supervisors.
- Identify all Reports available for Service.
- Identify MTS Calibration and define when it would be used and how.
- Identify IRT and define when it would be used and how.
- Perform software update (Machine software, Config file, and Language file)

III. INSTRUCTIONAL TASKS:

(C5 Training_ALL.ppt - Day 2 Section then Hands-On)

- C5 Software Structure Presentation
- Updating C5 Machine Software, Configuration Package, and/or Language Package Presentation
- Machine Processing/Accounting Modes Presentation
- Machine Authenticity/Fitness Sorting Presentation
- Fitness Threshold values Presentation
- Operator and Service OpModes Presentation
- Demonstrate how to activate/deactivate Authentication Features
- Report Identification and Generation Presentation
- Navigating the GUI Presentation

- Have each student assume the role and responsibilities of the Operator, Supervisor, and Service User configure the BPS C5 for BN processing and process currency and explore User-specific menu options.
- Have the students observe the flow of currency through the system during processing, and lead them in the correct recovery steps from jam conditions during processing.

DAY 3: OPERATIONS/TROUBLESHOOTING/RECOVERY

I. TOPIC:

This day is focused on Preventive Maintenance, Troubleshooting, and Parts Identification. The students will also have some extra time to perform additional hands-on activities with the machine and better familiarize themselves with the machine's operational capabilities and limitations.

II. TRAINING OBJECTIVES:

Upon completion of this day's training events, the student should be able to:

- Describe components/functionality inspected during Preventive Maintenance.
- Demonstrate how to access the Windows Shell for CAB installation.
- Identify Spare Parts.
- Review Error List.

III. INSTRUCTIONAL TASKS:

(C5 Training_ALL.ppt - Day 3 Section then Hands-On)

- Support/Troubleshooting Software Identification and Operation Presentation.
- Guide students through MTS Calibration and Sensor Calibration.
- Demonstrate how to access the Windows Shell for CAB installation.
- Review any topics students wish to explore in deeper detail.
- Allow students at least one hour of unstructured hands-on time to explore the machine's functionality and quirks.

DAY 4: WRITTEN AND PRACTICAL EXAMS

I. TOPIC:

BPS C5 Practical and Written Exams are to be completed today.

II. TRAINING OBJECTIVES:

Upon completion of this day's training events, the student should be able to:

- Correctly answer 80%(G+D)/70%(3rd Party) of written assessment.
- Complete the Practical Knowledge Assessment.

III. INSTRUCTIONAL TASKS:

- Conduct a review of the material covered to date in conjunction with a Question and Answer session.
- Ensure all students have been enrolled in the C5 4-day course at gdai-training.com/classes.
- Have students log into the C5 4-day class and begin written exam.
- Once all tests are complete and grades have been reviewed with the students, have all students begin their practical exam on the website. (For grading purposed only, they do not need to complete the exam as it will be completed by the instructor logged in as the student.)
- Induce a machine error into C5, then call first student into the classroom.
- Each student will be given their own Practical Exam sheet with all of the required tasks.
- Explain the requirements for the practical exam and allow the student to begin.
- Monitor the student's progress and offer assistance as needed, noting any deficiencies or excellence in the student's performance for scoring the online exam after student is finished.
- After all students have successfully completed their exams, present each student with a signed Certificate of Achievement for completing the course.