

# PCR-PST-25-0134 Operator Training for CS, OE and Inside Sales



Janus International Group, LLC.

Engineering Department

Project Closure Report (PCR)



<b>ENG Project #:</b>	ENG-25-0004
<b>ENG Project Description:</b>	Training

<b>Team Project #:</b>	PST-25-0134
<b>Business Unit:</b>	Janus
<b>Project Type:</b>	Training
<b>Project Description:</b>	Operator Training for CS, OE and Inside Sales
<b>Project Initiator:</b>	Lori Solomon, Heather Cannon and Bridgette Blumenfeld
<b>PCR Author:</b>	Jeremy Pope
<b>Project Initiation Date</b>	2/3/2025
<b>Date of Report:</b>	3/18/2025

## 1.0 REVIEW OF OBJECTIVES

### 1.1 ORIGINAL OBJECTIVE SUMMARY

Train employees on operators offered by Janus, what doors each operator can be paired with and all external devices that are compatible with each operator.

#### 1.1.1. ORIGINAL COMPONENTS

CO.	ITEM NUMBER	DESCRIPTION
LiftMaster	700037-0000	REMOTE/TRANSMITTER, 1 BUTTON (891LM)
LiftMaster	700012-0000	Remote/Transmitter, 2 Button, 892LT
LiftMaster	700055-0000	REMOTE/TRANSMITTER, 3 BUTTON, LIFTMASTER (893MAX)
LiftMaster	700014-0000	Remote/Transmitter, 4 Button, 894LT
Janus	700010-0000	Remote/Transmitter, Pantheon
Janus	700087-0000	PANTHEON WIRELESS KEYPAD (10247-07)
Janus	700019-0000	Control Station, 3 Button, Interior, Nema1, Surface Mount
ATA	200309-0000	Keypad, Wireless, ATA
Janus	200074-0000	Battery Back Up Kit - EZ Roller (ATA)
ATA	700085-0000	OPERATOR, ROLLING DOOR, EASY ROLLER 14, ATA, GDO-6

ATA	700095-0000	OPERATOR, RD, HIRO, ATA, GDO_12
Janus	780015-0000	OPERATOR, JANUS, 9-1/2", JSS, PANTHEON, W/ CARLO GAVAZZI PHOTO EYE
Janus	700005-0000	CONTROLLER, LOGIC, JSS-PANTHEON (Control Box Only)
Janus	780016-0000	OPERATOR, JANUS, 12", JSC-2, PANTHEON (DUAL MOTOR), W/ CARLO GAVAZZI PHOTO EYE
Janus	700006-0000	CONTROLLER, LOGIC, JSC-2-PANTHEON (Control Box Only)
LiftMaster	700084-0000	878MAX Wireless Keypad
LiftMaster	700039-0000	RECEIVER (850LM)
Janus	700008-0000	Receiver, Pantheon Long Range, with Remote (2)
ATA	700065-0000	OPERATOR, ROLLING DOOR, SHEDMASTER, ATA, GDO-8

### 1.1.2. PARTICIPANTS

NAME	DEPARTMENT
Bridgette Blumenfeld	Customer Service
Kim Flessas	Customer Service
Heather Cannon	Order Entry
Katie Reeves	Order Entry
Ashley Giles	Inside Sales
Melissa Moore	Inside Sales
Leigh Wilson	Inside Sales
Rhonda Milner	Inside Sales
Olivia Walker	Customer Service
Necia Woodall	Customer Service
Toshia Regan	Order Entry
Altrinise Portis	Order Entry
Ashley McDaniel	Order Entry

Jennifer Wilson	Inside Sales
Kim Smith	Inside Sales
Karen Wolfe	Inside Sales
Seena Jones	Customer Service (ASTA)
Christin Boyd	Customer Service
Sabrina Gates	Order Entry
Lindsey Huff	Order Entry
Susie Hopper	Inside Sales
Marie Barton	Inside Sales
Liz Dempsey	Inside Sales
Lori Solomon	Inside Sales
Dave Rose (teams)	Inside Sales
Denise Contreras (teams)	Inside Sales
Deanna Hagon (teams)	Inside Sales
Mike Calvillo (teams)	Inside Sales
Shelly Mandall	Customer Service
Melanie Edmunds	Customer Service
Jessica Painter	Order Entry
Deborah Staton	Order Entry
Christie Osborn	Inside Sales
Robbie Medlin	Inside Sales
Michelle Mahaffey	Inside Sales
Shannon Archer (teams)	Inside Sales
Brenda Brown (teams)	Inside Sales
Pauline Ervin (teams)	Inside Sales

## 2.0 SUMMARY REPORT

## 2.1.1 OVERALL

An email was sent to product support manager from order entry, customer service and inside sales asking for training on operators. Myself, Bridgette Blumenfeld, Lori Solomon and Heather Cannon determined the date that would work with all participants and the training invite was sent out to all employees from each department. With so many employees participating, 4 different classes had to be scheduled. Each training class was going to take 1hr and 30min to complete. PowerPoint presentation and physical parts were presented during the trainings. PowerPoint can be found in the project folder. In the training, we discussed ATA ShedMaster, ATA Easy Roller 14, ATA Hiro, Mini Pantheon and Commercial Pantheon (**Fig 1**). During conversation about Shed master, employees were informed this was the only operator that Janus offers that has a weather rating. Meaning this is the only operator that can be mounted in the weather. Shed master operators are only offered on Janus commercial bracketed doors with 12" drums (M2000, M2500, M3100, M3400 and M3652). This operator can only be installed on a door that is 165 sq ft or less and a max height of 12' (**Fig 2**). Janus only offers this operator on exterior mounted doors. All employees were informed what items were pre-packaged in operator box and what other components are available for the operator (**Fig 3**). Discussed if a customer wants another option of opening the door, a keypad will need to be ordered. Commercial bracketed doors have only two door modifications for installation of this operator. Blind nuts installed on inner cavities of drum and bottom bar punched for door weight received in operator box. Informed all participants of the reasoning behind the drum needing inner and outer blind nuts on the drum. During conversation about Easy Roller 14, employees were educated this operator does not have a weather rating. Meaning the operator can't be mounted in the weather. Easy Roller 14 is offered on mini bracketed doors (M650, M750, M1000 and M1100) and commercial bracketed doors (M1950, M2000, M2500, M3100, M3400 and M3652) (**Fig 4**). Operator can be installed on a 9 1/2" drum (M650, M750, M1000 and M1100 and M1950) if door is less than 180 sq ft and a max height of 12'. Operator can be installed on a 12" drum (M2000, M2500, M3100, M3400 and M3652) if door is less than 180 sq ft and a max height of 14'. Informed employees on how limit setting mechanism works in operator and that was the reason we are not allowed to offer this operator on taller doors. Everyone was informed that at this time when the door is prepped for ATA, this means the door will have a 2 1/2" drum inset, blind nuts installed, have 2 3/4" axle add to right-hand side, bottom bar punched for weight and all components needed in hardware box for installation (**Fig 5**). It was discussed that in the future, the meaning for prepped for ATA will be different on mini bracketed doors. In the future a prepped for ATA door will not need the 2 1/2" drum inset, blind nuts or extended axle or the extra components added to the hardware box. The only modification to the door that will be needed is the bottom bar punch for weight. When the door is prepped for ATA, the BOM will pull out a retro-fit kit (**Fig 6**) to be able to attach the operator to the mini bracketed door instead of the components in Figure 5. Commercial bracketed doors have only two door modifications for installation of this operator. Blind nuts installed on inner cavities of drum and bottom bar punched for door weight received in operator box. With the new drive head on the operator, inner blind nuts are no longer needed but will still

be called out on these doors. All employees were informed what items were pre-packaged in operator box and extra components that can be purchased (**Fig 7**). When discussing the battery backup, they were informed that it is easier for the customer to purchase it when ordering door and operator due to where the charge controller has to be installed. Communicated to all employees that motor installation instructions to Janus doors are not in the operator manual received in the box. Hiro operators are not offered on all Janus doors. Hiro operator is only offered on Janus M2000, M2500, M3100, M3400 and M3652 (**Fig 8**). Limitations for Hiro operators include max of 236 sq ft on Janus doors with wind locks (M3100, M3400 and M3652) and 300 sq ft on doors without wind locks (M2000 and M2500). Employees were informed this operator is only offered on commercial bracketed doors with 12" drums. While discussing the extra components that can be purchased, participants were informed that the battery back-up can be purchased after the operator is installed due to it does not have a charge controller that has to be installed and that it plugs directly into the back of the operator. During conversation about mini pantheon, employees were informed that this operator does not have a NEMA rating and is not meant to be installed outdoors. Mini Pantheon is offered on mini bracketed doors with 9 1/2" drums only (M650, M750, M1000 and M1100) (**Fig 9**). For the Pantheon to be installed on a mini bracketed door, the drum must be inset 5" and a special RH bracket is needed (**Fig 10**). Limitation for the mini pantheon include it can only be installed on doors less than 168 square feet. During the discussion about the mini pantheon, I pulled C1 up to go through building a M1000 with pantheon. While building a 12' x 13' door, I asked all employees if they noticed anything in the Operator Accessories section. They all stated the wall station had been selected (**Fig 11**). They were all asked if they seen be go to that section and physically select it and they stated no. I explained the reason that was already selected was because for any M1000 or M1100 over 10' tall, we are sending them the wall station at no charge to them. The reason behind this is because the limit wire and lead wires for the mini pantheon was only 7' long. When installed on a door over 10', the control box is typically installed where it can't be reached from the ground. The customer can then install the 3-button wall station around 5' from the ground and be able to operated the door. It was explained to everyone that they do not need to de-select that wall station. While in C1, employees were informed to not select ANY door as manual operation and then prep the door for either pantheon or ATA. The reason for this is because the hardware will read that it is a manually operated door and if the operator needs other components that is placed in the hardware they will not get them. During conversation about commercial pantheon, employees were informed that this operator does not have a NEMA rating and is not meant to be installed outdoors. Commercial Pantheon is offered on commercial bracketed doors with 12" drum only (M2000, M2500, M3100, M3400 & M3652) (**Fig 12**). Commercial Pantheon can only be installed on doors that is less than 256 square feet. It was explained that since the commercial pantheon can be installed on larger doors, the motor head has a built in chain hoist. It was explained that neither pantheon operators have a built in receiver. If the customer wants a liftmaster remote or keypad, they would need to purchase a liftmaster receiver and wire it into the operator. They were given the liftmaster accessories that Janus offers and that are compatible (**Fig 13**). They were also given

the pantheon accessories that Janus offers (**Fig 14**). Recording from each training can be found in the project folder.

### 2.1.2 NOTES

This is the second training that has been completed with the employees from these departments. The training is not meant for them to be able to answer difficult questions about all material discussed, but they should have a better knowledge of the components they are entering on an order.

### 2.1.3. PERSONNEL

STAFF NAME	DEPARTMENT	DATE CONTACTED	PRODUCT DISCUSSION
Bridgette Blumenfeld	Customer Service	1/8/2025	Training Topics
Lori Solomon	Inside Sales	1/8/2025	Training Topics
Heather Cannon	Order Entry	1/8/2025	Training Topics

## 2.2 RESULT

Operator product knowledge was shared with all participating employees. Retention of this information is unknown currently.

### 2.2.1 OBJECTIVE DEVIATION

No Deviation from original objective.

## 3.0 PROJECT ANALYSIS

### 3.1 HOURS

TEAM MEMBER NAME	ORG. EST. HRS	ACTUAL HOURS LOGGED	DEV. OF HRS
DEQWON GRIFFIN	9 H	10 H 21M	-1H 21M
JEREMY POPE	17 H 30 m	13 H 13 M	+4H 17M
<b>TOTALS</b>	26 H 30M	23H 34M	+2H 56M

### 3.2 KEY MILESTONES

DESCRIPTION	START DATE	END DATE	NOTES
Training Requested	1/8/2025	1/8/2025	Specific Topics
Training Scheduled	1/20/2025	1/20/2025	No Issues
Order Placed for Components	2/20/2025	2/20/2025	No Issues
Training Completed	2/21/2025	2/21/2025	No Issues

## 4.0 SUPPORTING MATERIALS

### 4.1 IMAGES / DOCUMENTATION

ID	DESCRIPTION	IMAGE / DOCUMENT
FIG. 1	Operator Discussed	<div style="text-align: center;"> <p><b>ATA Dominator Series</b></p> <p>Shed Master</p> <p>Hiro</p> <p>Easy Roller 14</p> <p>Pantheon Mini</p> <p>Pantheon Commercial</p> </div>

FIG. 2

ShedMaster Information

## Shed Master



### Utilization

- Exterior Mount Only
  - Only operator with weather rating (IP24)
  - Must come with a Hood
  - Only offered on 12" Drums
- Janus International Doors
  - M2000
  - M2500
  - M3100
  - M3400
  - M3652

FIG. 3

ShedMaster Components

**DOMINATOR™ SHEDMASTER**  
SELF STORAGE AUTOMATION

**OPERATING MODES & FEATURES**

- Weather Resistant
- Service Indicator
- Lockout System

**SAFETY & SECURITY FEATURES**

- Intelligent Safety System
- Door Profiling
- TrioCode™ 128

**KEYED & ELECTRONIC LOCKOUT**  
As the Shedmaster can be installed in exposed locations, a keyed lockout is included to stop unwanted persons reaching over the fence and disengaging the door to manual mode. Also, the control panel can be similarly locked out to prevent unauthorized usage.

**IP24 RATED**

**COMES WITH**

**2 KEY CHAIN TRANSMITTERS + PHOTO SENSORS**

Item	700065-0000	Spot Description	OPERATOR, RD, SHDMSTR, ATA, GGD0-8
		Logg Description	OPERATOR, ROLLING DOOR, SHEDMASTER, ATA, GGD-8

**Applications**

- EXTERIOR MOUNTS
- RETROFITS POSSIBLE

**Models**

- M3100
- M3400
- M2500
- M3652

**Optional Accessories**

- Additional Keychain Transmitters
- Wall Button Transmitter
- Wireless Keypad
- Key Release Keyed same or random

**LEFT HAND OR RIGHT HAND**

**ADD A VISOR CLIP?**

Item	200011-0000	Spot Description	Operator, 4 Button, Keychain ShedMaster
		Logg Description	Operator, 4 Button, Keychain ShedMaster (ATA)
Item	200014-0000	Spot Description	Operator, Wall Button, Shed Master (2 FA)
		Logg Description	Operator, Wall Button, Shed Master (2 FA)
Item	200022-0000	Spot Description	Wire Chain Clip for 0128, ShedMaster (2 FA)
		Logg Description	Wire Chain Clip for 0128, ShedMaster (2 FA)
Item	200023-0000	Spot Description	Keypad, Wireless, Shed Master (2 FA)
		Logg Description	Keypad, Wireless, Shed Master (2 FA)
Item	200026-0000	Spot Description	Key Release (2 FA) Keyed Same
		Logg Description	Key Release (2 FA) Keyed Random

FIG. 4

Easy Roller 14 Information

## Easy Roller 14



### Utilization

- No Exterior Mount
- Janus International Doors

Doors with 9-1/2" Barrell	Doors with 12" Barrell
M650	M2000
M750	M2500
M1000	M3100
M1100	M3400
M1950	M3652

FIG. 5

Hardware Components Needed

QTY	ITEM	DESCRIPTION
1	200176-0000	Plate, Z-Motor, 12 GA-ATA
1	200310-0026	Channel, Spacing, 12", Mini, 2-3/4" x 1/8 GA
2	800014-0002	BOLT, CAR, 1/4-20 X 5/8"
2	800008-0001	W/ZNUT, HEX, 1/4-20 UNC, GR5
1	200226-0076	SUPPORT ANGLE ATA
1	800076-0000	RETAINING RING, EXT, SELF LOCKING, (TX100)
3	800022-0027	SCREW, SD, TEK, HVH, #14 X 1
4	800022-0862	SCREW, SD, HVH, #8 X 1/2 - GALV.
1	200345-0000	Axis Sleeve

FIG. 6

Retro-Fit Components

## RETRO-FIT KIT

**ATA RETROFIT SUPPLEMENTAL INSTRUCTIONS**

**BEFORE BEGINNING:** SEE DRAWING FOR DIMENSIONS. VERIFY THAT YOUR MOTOR AND INSTALLATION SITE ARE COMPATIBLE.

**STEP 1:** INSTALL AXLE SLEEVE

**STEP 2:** INSTALL DRUM ADAPTER, INSTALL MOTOR PLATE

**STEP 3:** INSTALL BRACKET

**STEP 4:** INSTALL BRACKET

**STEP 5:** MOTOR TO DOOR

**STEP 6:** DOOR TO BRACKET

**IMPORTANT INFORMATION:** THE ATA EASY ROLLER OPERATOR IS NOT TO BE USED ON DOORS WITH A DRUM OPENING HEIGHT OF 12" OR LESS. THE ATA EASY ROLLER OPERATOR IS NOT TO BE USED ON DOORS WITH A DRUM OPENING HEIGHT OF 14" OR LESS.

### Door Models

- 650
- 750
- 1000
- 1100

**6" Side Room Required**

**INSTALLATION NOTES**

STEP	NOTES
1	TEK SCREW (2) TO GO THRU RETRO AXLE SLEEVE (3) AND INTO AXLE OF DOOR ASSEMBLY 1" FROM DRUMHEAD
2	BEFORE PLACING TEK SCREWS (6) MAKE SURE DRUM ADAPTER IS ALIGNED WITH THE AXLE OF THE DOOR ASSEMBLY
3	PLACE Z MOTOR PLATE (7) BEHIND GUIDE (8), BETWEEN IT AND THE JAMB, THEN USE FASTENERS (2) TO FIX IT IN THE PROPPER LOCATION
4	ATTACH RETRO FIT BRACKET (11) TO GUIDE (8) WITH CARTRIDGE BOLTS (9) AND SERRATED FLANGE NUTS (10), THEN SECURE IT TO THE Z MOTOR PLATE (7) WITH TEK SCREWS (2)
5	SLIDE THE ATA EASY ROLLER OPERATOR (14) ONTO THE AXLE SLEEVE (3), MAKE SURE THAT THE U BOLT (14) OF THE OPERATOR GOES OVER THE AXLE SLEEVE (3) AS WELL
6	SECURE THE ATA EASY ROLLER OPERATOR AND DOOR ASSEMBLY WITH SERRATED FLANGE NUTS THAT CAME ON THE OPERATOR

FIG. 7

Easy Roller 14 Components

**SAFETY & SECURITY FEATURES**

- Battery Back-Up
- Soft Start/Soft Close
- Intelligent Safety System
- Door Profiling
- TrioCode 128
- Network ready

**COMMERCIAL BRACKETS**

**No Additional Side Room Required**

**COMES WITH**

**MINI BRACKETS**

**6" Overall Side Room**

### Applications

- *Janus Elevate*

Note: 9.5" drum opening height 12"  
12" drum opening height 14"

### Models

9 1/2" DRUM

12" DRUM

- M650 (RH Only)
- M750 (RH Only)
- M1000 (RH Only)
- M1100 (RH Only)
- M1950 (LH + RH)
- M2000 (LH + RH)
- M2500 (LH + RH)
- M3100 (LH + RH)
- M3400 (LH + RH)
- M3652 (LH + RH)

**OPTIONS ON BOTH APPLICATIONS**

- Key Release Keyed same or random

FIG. 8

Hiro Information

## Hiro

### Utilization

- No Exterior Mount
- Janus International Doors
  - M2000
  - M2500
  - M3100
  - M3400
  - M3652

FIG. 9

Mini Pantheon Information

**PANTHEON MINI (JSS)**



**Utilization**

- No Exterior Mount
- Janus International Doors

**Doors with 9-1/2" Barrel**

- M650
- M750
- M1000
- M1100



FIG. 10

Mini Pantheon RH Bracket and Drum Inset

**PANTHEON MINI**



**Door MFG Modifications**

- Drum Inset (5")
- RH Pantheon Bracket

**Doors w/ Mini Brackets**

- M650
- M750
- M1000
- M1100

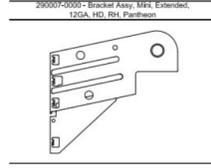
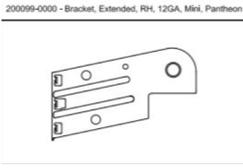



FIG. 11

Wall Station added

Mounting Plates  No

Inner Blind Nuts  Yes

Foam Closure (FS)  No

**Operator Accessories**

Additional Control Stations



FIG. 12

Commercial Pantheon Information

**PANTHEON COMMERCIAL (JSC-2)**



**Utilization**

- No Exterior Mount
- Janus International Doors

**Doors with 12" Barrel**

- M2000
- M2500
- M3100
- M3400
- M3652



<p>FIG. 13</p> <p>LiftMaster product that is compatible with Pantheon</p>	<p>LiftMaster product that is compatible with Pantheon</p>	<p style="text-align: center;"><b>PANTHEON ACCESSORIES (LM)</b></p> <p style="text-align: center;"> <small>             891LM, 1 Button Remote (700037-0000)              892LT, 2 Button Remote (700012-0000)              893Max, 3 Button Remote (700025-0000)              894LT, 4 Button Remote (700014-0000)           </small> </p> <p style="text-align: center;"> <small>             Receiver, 850LM (700009-0000)      KEYPAD, WIRELESS, LM877MAX (700050-0000)           </small> </p> <p style="text-align: center;"><b>JANUS</b> INTERNATIONAL GROUP</p>
<p>FIG. 14</p> <p>Pantheon Accessories</p>	<p>Pantheon Accessories</p>	<p style="text-align: center;"><b>PANTHEON ACCESSORIES</b></p> <p style="text-align: center;"> <small>             Pantheon Remote (700010-0000)      Pantheon, Long-Range (700008-0000)      Wireless Keypad, Pantheon (700087-0000)           </small> </p> <p style="text-align: center;"><b>JANUS</b> INTERNATIONAL GROUP</p>

## 5.0 REVIEWERS

### 5.1 REVIEW IDENTIFIER

NAME	ROLE	DATE OF REVIEW
DEQWON GRIFFIN	PRODUCT SUPPORT TECHNICIAN	3/19/2025
JEREMY POPE	PRODUCT SUPPORT MANAGER	3/18/2025
BOBBY ABERCROMBIE	ENGINEERING PROJECT MANAGER	3/20/2025
CURT SCHROEDER	DIRECTOR OF ENGINEERING	4/1/2025

