

Part.....: NOT APPLICABLE NOT APPLICABLE Originated: 12/16/2008 By MMM
 Operation: 001 Key 5-digit ZIP Code using PPSM Revised...: / / By Letter:
 Dept.....: Release Status: Code...:
 Machine...: Study Code.....: Standard Hours - Setup: Run...:
 Tooling...: Run...:
 Est. Plan: ***** CAUTION - STANDARD NOT UPDATED - NEW SETUP 0.00000 RUN 0.00056 *****
 Allowance: -----Setup Manual----- % -- -----Setup Process----- % -- -----Run Manual----- % -- -----Run Process----- % --
 1. Setup Manual Default: 15.00 Setup Process Deflt : 12.00 Run Manual Default : 15.00 Run Process Default : 12.00
 Added Total: 15.00 Added Total: 12.00 Added Total: 15.00 Added Total: 12.00

LH Motions		RH or BODY Motions		Freq.	Process Hrs	LH	RH	Net Manual
--- RUN ---								
1	01	PPSM: Manually Key Parcel ZIP Code		PO	1.0000			
1		Starts with employee near PPSM conveyor.						
2								
3		The operator has just either (a) pushed a parcel with address/barcode facing up onto conveyor, or (b) turned over parcel so that address/barcode is facing up.						
4								
5		Assume that 75 percent of the time the address will not be facing the operator such that he/she can read the address (only one in four of the general orientations for a rectangular parcel results in address facing operator).						
6								
7	G02 -8	R8B	R8B	G02 -8	.7500	.00008	.00008	.00008
		Reach to parcel 75 percent of the time		Reach to parcel 75 percent of the time				
8	P02 -8	MBB	SP	SP	.7500	.00008	.00008	.00008
		Move parcel in order to read ZIP Code 75 percent of the time		Assist other hand				
9			EF	EF	.4720	.00003	.00003	.00003
		Read ZIP Code (One "Word" * 0.6293 as per MTM-4M) 75 percent of the time (0.6293 * 0.7500 = 0.4720)						
10			R16A	G01 -16	.7500		.00009	.00009
		Reach to keypad 75 percent of the time.						
11			M1A	P01 -1	3.7500		.00009	.00009
		Key 5-Digit ZIP Code (Frequency = 5 numbers * 0.7500 = 3.750)						
12	G02 -16	R16B	R16B	G02 -16	.7500	.00012	.00012	.00012
		Reach to next parcel 75 percent of the time.		Reach to next parcel 75 percent of the time.				
13								
14		Ends with employee near PPSM conveyor.						
ELEMENT SUBTOTAL:								.00049

Part.....: NOT APPLICABLE
Operation: 001

NOT APPLICABLE
Key 5-digit ZIP Code using PPSM

LH Motions	RH or BODY Motions	Freq.	Process Hrs	LH	RH	Net Manual
	Total RUN Hrs -Manual		.00049 With Allowance			.00056
	-Process		With Allowance			
			Total Standard RUN Time			560 MU
			Crew Size			1.00
			Cycle Quantity			1.00
			Unit Standard RUN time			560 MU
						2.016 Seconds
						.034 Minutes
						.00056 Hours
						.056 Hours/100
						.56 Hours/1000
						5.600 Hours/10000
			Units Per Hour			1785.71

MAI 82 Percent RMB 100 Percent GRA 0 Percent POS 0 Percent PROC 0 Percent

Part.....: NOT APPLICABLE NOT APPLICABLE Originated: 12/16/2008 By MMM
 Operation: 002 Move Rolling Stock From Dock To Parcel Sort Revised...: / / By Letter:
 Dept.....: Release Status: Code...
 Machine...: Study Code.....: Standard Hours - Setup: Run...
 Tooling...: Run...
 Est. Plan: ***** CAUTION - STANDARD NOT UPDATED - NEW SETUP 0.00000 RUN 0.03449 *****
 Allowance: -----Setup Manual----- % -- -----Setup Process----- % -- -----Run Manual----- % -- -----Run Process----- % --
 1. Setup Manual Default: 15.00 Setup Process Defit : 12.00 Run Manual Default : 15.00 Run Process Default : 12.00
 Added Total: 15.00 Added Total: 12.00 Added Total: 15.00 Added Total: 12.00

		LH Motions		RH or BODY Motions		Freq.	Process Hrs	LH	RH	Net Manual
--- RUN ---										
1	02	Move rolling stock container from DU dock to parcel sorting area		PO		1.0000				
1		Starts with employee near the parcel sorting area. Average distance between dock and parcel sorting area is 92.4 feet, or 1110 inches, according to FY08 Delivery Unit (DU) Study (See Docket No. ACR2008, USPS-FY08-15).								
2										
3		Employee walks from parcel sorting area to dock to retrieve rolling stock that contains newly arrived mail.								
4										
5			WP	WP	-33	1.0000		.00495	.00495	
		Employee walks unobstructed to dock. Paces = 1110 inches / 34 inch average pace = 33 paces.								
6	G12 -16	R16B G1A RL	SP	SP		1.0000		.00019	.00019	.00019
		Grasp rolling stock.		Assist other hand						
7			WPO	WPO	-4	2.0000		.00136	.00136	.00136
		Maneuver rolling stock into aisle.								
8			WPO	WPO	-47	1.0000		.00799	.00799	.00799
		Move rolling stock to parcel sort area. Paces = 1110 inches / 24 inch average pace for resistance of 35 to 50 pounds = 47 paces.								
9			WPO	WPO	-4	2.0000		.00136	.00136	.00136
		Maneuver rolling stock into staging area.								
10										
11		Parcels are ready to be sorted.								
12										
13		Employee moves empty equipment back to dock after parcels have been sorted.								
14										
15	G12 -16	R16B G1A RL	SP	SP		1.0000		.00019	.00019	.00019
		Grasp empty equipment.		Assist other hand.						
16			WPO	WPO	-4	2.0000		.00136	.00136	.00136
		Maneuver empty equipment into aisle.								
17			WPO	WPO	-37	1.0000		.00629	.00629	.00629
		Move empty equipment to dock. Paces = 1110 inches / 30 inch pace for resistance between 5 and 35 pounds = 37 paces.								
18			WPO	WPO	-4	2.0000		.00136	.00136	.00136
		Maneuver empty equipment into dock staging area.								

Part.....: NOT APPLICABLE
Operation: 002

NOT APPLICABLE
Move Rolling Stock From Dock To Parcel Sort

	LH Motions	RH or BODY Motions	Freq.	Process Hrs	LH	RH	Net Manual
19							
20	Employee returns to parcel sorting area.						
21							
22		WP	WP	-33	1.0000	.00495	.00495
	Employee walks unobstructed to parcel sorting area. Paces = 1110 inches / 34 inch pace = 33 paces.						
23							
24	Ends with employee near the parcel sorting area.						

ELEMENT SUBTOTAL: .02999

Total RUN Hrs -Manual	.02999 With Allowance	.03449
-Process	With Allowance	
	Total Standard RUN Time	34493 MU
	Crew Size	1.00
	Cycle Quantity	1.00
	Unit Standard RUN time	34493 MU
		124.175 Seconds
		2.070 Minutes
		.03449 Hours
		3.449 Hours/100
		34.49 Hours/1000
		344.930 Hours/10000
	Units Per Hour	28.99

MAI 51 Percent RMB 100 Percent GRA 0 Percent POS 0 Percent PROC 0 Percent