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USPS LR-J-61

FLATS MAIL PROCESSING COST MODELS

<u>Description</u>	<u>Page Nos.</u>
Introduction	i - i
First-Class Mail Flats	1 - 33
Periodicals Flats	34 - 68
Standard Mail Flats	69 - 95

INTRODUCTION

Library reference USPS LR-J-61 is a category 2 library reference sponsored by witness Miller and is incorporated by reference into his testimony. It contains both hardcopies and electronic copies of the cost studies that support his testimony (USPS-T-24) and is filed as a library reference due to the size and nature of its contents. The cost studies contained in this library reference include: First-Class Mail flats, Periodicals flats, and Standard Mail flats. These cost studies rely on inputs from the sources listed on the footnotes throughout the spreadsheets.

A. FIRST-CLASS MAIL FLATS

This cost study is contained in the EXCEL file FCM.XLS. It contains the cost models and cost sheets that are used to develop First-Class Mail total mail processing unit cost estimates by rate category for flats. The results from this study are relied upon by witness Eggleston (USPS-T-25) and witness Robinson (USPS-T-29). The calculations and data inputs used to develop these models are discussed in the testimony of witness Miller (USPS-T-24).

B. PERIODICALS FLATS

This cost study is contained in the EXCEL file PERIOD.XLS. It contains the cost models and cost sheets that are used to develop Periodicals total mail processing unit cost estimates for flats. The results from this study are relied upon by witness Eggleston (USPS-T-25) and witness Taufique (USPS-T-34). The calculations and data inputs used to develop these models are discussed in the testimony of witness Miller (USPS-T-24).

C. STANDARD MAIL FLATS

This cost study is contained in the EXCEL file STANDARD.XLS. It contains the cost models and cost sheets that are used to develop Standard Mail total mail processing unit cost estimates by rate category for flats. The results from this study are relied upon by witness Eggleston (USPS-T-25) and witness Moeller (USPS-T-32). The calculations and data inputs used to develop these models are discussed in the testimony of witness Miller (USPS-T-24).

FIRST-CLASS FLATS MAIL PROCESSING UNIT COST SUMMARY ACTUAL

CRA FLATS MAIL PROCESSING UNIT COSTS

Modeled Worksharing Related (Proportional) Cost Pools	19.015	(1)
Other Worksharing Related (Fixed) Cost Pools	0.082	(2)
Non-Worksharing Related (Fixed) Cost Pools	9.350	(3)
Total	28.446	(4)

CRA PROPORTIONAL ADJUSTMENT FACTOR

	(5)	(6)	(7)	
Base Model Costs	Model Cost	Base Year Volume	Base Year Volume %	
Nonauto Presort	11.769	246,564,471	42.24%	
Mixed ADC Auto Presort	15.903	38,657,997	6.62%	
ADC Auto Presort	11.378	20,815,844	3.57%	
3-Digit Auto Presort	11.379	30,327,037	5.20%	
5-Digit Auto Presort	6.211	247,361,713	42.38%	
(8) Total Weighted Model Cost	9.653	583,727,062	100.00%	
CRA Proportional Adjustment			1.970	(9)

ADJUSTED FLATS MAIL PROCESSING UNIT COSTS

	(10)	(11)	(12)	(13)
Rate Category	Model Unit Cost	Worksharing Related Unit Cost	Non Worksharing Unit Cost	Total Mail Proc Unit Cost
Nonauto Presort	11.769	23.264	9.350	32.614
Mixed ADC Auto Presort	15.903	31.408	9.350	40.757
ADC Auto Presort	11.378	22.494	9.350	31.844
3-Digit Auto Presort	11.379	22.495	9.350	31.845
5-Digit Auto Presort	6.211	12.317	9.350	21.666

- (1) Sum of modeled worksharing related cost pools on page 3
 (2) Sum of other worksharing related cost pools on page 3
 (3) Sum of non-worksharing related cost pools on page 3
 (4) (1) + (2) + (3)
 (5) Model costs from respective rate category "COST" spreadsheets
 (6) USPS LR-J-98
 (7) Rate Category (6) / Total (6)
 (8) Sum [Rate Category (5) * (7)]
 (9) (1) / (8)
 (10) Model costs from respective rate category "COST" spreadsheets
 (11) (9) * (10) + (2)
 (12) (3)
 (13) (11) + (12)

FIRST-CLASS FLATS MAIL PROCESSING UNIT COST SUMMARY

PRESORT LEVELS HELD CONSTANT

ADJUSTED FLATS MAIL PROCESSING UNIT COSTS

<u>Rate Category</u>	(1) <u>Model Unit Cost</u>	(2) Worksharing <u>Related Unit Cost</u>	(3) Non Worksharing <u>Unit Cost</u>	(4) Total Mail Proc <u>Unit Cost</u>
Mixed ADC Nonauto Presort	20.545	40.551	9.350	49.901
ADC Nonauto Presort	14.367	28.383	9.350	37.732
3-Digit Nonauto Presort	13.914	27.490	9.350	36.839
5-Digit Nonauto Presort	6.954	13.780	9.350	23.129
Mixed ADC Auto Presort	15.903	31.408	9.350	40.757
ADC Auto Presort	11.378	22.494	9.350	31.844
3-Digit Auto Presort	11.379	22.495	9.350	31.845
5-Digit Auto Presort	6.211	12.317	9.350	21.666

(1) Model costs from respective rate category "COST" spreadsheets

(2) (1) * [(9) from page 1] + [(2) from page 1]

(3) (3) from page 1

(4) (2) + (3)

CRA FIRST-CLASS FLATS MAIL PROCESSING UNIT COSTS

Source: USPS LR-J-53

FIRST-CLASS PRESORT

Cost Pool No.	Source	Cost Pool Abbreviation	WRP MP Unit Costs	WRF MP Unit Costs	NWRF MP Unit Costs	CRA MP Unit Costs	WRP MP Unit Costs	WRF MP Unit Costs	NWRF MP Unit Costs
1	BMCS	NMO			X	0.000			0.000
2	BMCS	OTHR			X	0.047			0.047
3	BMCS	PLA			X	0.029			0.029
4	BMCS	PSM			X	0.002			0.002
5	BMCS	SPB	X			0.061	0.061		
6	BMCS	SSM			X	0.000			0.000
7	MODS 11	BCS/			X	0.049			0.049
8	MODS 11	BCS/DBCS			X	0.303			0.303
9	MODS 11	OCR/			X	0.110			0.110
10	MODS 12	FSM/	X			6.117	6.117		
11	MODS 12	FSM/1000	X			2.352	2.352		
12	MODS 12	LSM/			X	0.005			0.005
13	MODS 13	MECPARC			X	0.032			0.032
14	MODS 13	SPBS OTH	X			0.243	0.243		
15	MODS 13	SPBSPRIO	X			0.096	0.096		
16	MODS 13	1SACKS_M			X	0.316			0.316
17	MODS 14	MANF	X			1.660	1.660		
18	MODS 14	MANL			X	0.224			0.224
19	MODS 14	MANP			X	0.013			0.013
20	MODS 14	PRIORITY			X	0.078			0.078
21	MODS 15	LD15	X			0.000	0.000		
22	MODS 17	1BULK PR		X		0.027		0.027	
23	MODS 17	1CANCMP			X	0.407			0.407
24	MODS 17	1OPBULK	X			0.754	0.754		
25	MODS 17	1OPPREF	X			2.193	2.193		
26	MODS 17	1PLATFRM			X	3.411			3.411
27	MODS 17	1POUCHNG	X			1.327	1.327		
28	MODS 17	1SACKS_H			X	0.546			0.546
29	MODS 17	1SCAN			X	0.103			0.103
30	MODS 18	BUSREPLY			X	0.017			0.017
31	MODS 18	EXPRESS			X	0.021			0.021
32	MODS 18	MAILGRAM			X	0.000			0.000
33	MODS 18	REGISTRY			X	0.168			0.168
34	MODS 18	REWRAP			X	0.021			0.021
35	MODS 18	1EEQMT			X	0.064			0.064
36	MODS 19	INTL			X	0.046			0.046
37	MODS 41	LD41			X	0.002			0.002
38	MODS 42	LD42	X			0.006	0.006		
39	MODS 43	LD43	X			1.427	1.427		
40	MODS 44	LD44	X			0.266	0.266		
41	MODS 48	LD48 EXP			X	0.000			0.000
42	MODS 48	LD48_SSV			X	0.002			0.002
43	MODS 49	LD49			X	1.093			1.093
44	MODS 79	LD79		X		0.055		0.055	
45	MODS 99	1SUPP_F1			X	0.412			0.412
46	MODS 99	1SUPP_F4			X	0.428			0.428
47	NON MODS	ALLIED			X	0.857			0.857
48	NON MODS	AUTO/MEC	X			0.215	0.215		
49	NON MODS	EXPRESS			X	0.000			0.000
50	NON MODS	MANF	X			2.297	2.297		
51	NON MODS	MANL			X	0.112			0.112
52	NON MODS	MANP			X	0.024			0.024
53	NON MODS	MISC			X	0.340			0.340
54	NON MODS	REGISTRY			X	0.069			0.069
						28.446	19.015	0.082	9.350
							66.84%	0.29%	32.87%

**NONAUTO PRESORT
COST SHEET**

	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
Operation	Volume	Packages or Pieces Per Hour	Wage Rate	Direct Cents Per Piece	Piggyback Factor	Premium Pay Factor	Premium Pay Adjust	Total Cents Per Piece	Weighted Cents Per Piece
Outgoing Primary (Package)									
Mechanized	35	367	\$30.840	8.411	1.676	1.012	0.103	14.200	0.050
Manual	17	80	\$30.840	38.723	1.598	1.012	0.472	62.350	0.103
Incoming MMP (Package)									
Mechanized	29	367	\$30.840	8.411	1.676	1.012	0.103	14.200	0.041
Manual	7	180	\$30.840	17.160	1.598	1.012	0.209	27.631	0.020
Incoming Primary (Package)									
Mechanized	203	367	\$30.840	8.411	1.676	1.012	0.103	14.200	0.288
Manual	87	222	\$30.840	13.910	1.598	1.012	0.170	22.396	0.194
Incoming Secondary (Package)									
Mechanized	0	367	\$30.840	8.411	1.676	1.012	0.103	14.200	0.000
Manual	0	431	\$30.840	7.156	1.598	1.012	0.087	11.522	0.000
Outgoing Primary (Piece)									
AFSM100 Auto	324	2,343	\$30.840	1.316	1.746	1.012	0.016	2.314	0.075
VCS Keying	86	395	\$20.409	5.167	1.459	1.012	0.063	7.601	0.065
FSM881 Auto	36	1,142	\$30.840	2.701	1.416	1.012	0.033	3.857	0.014
FSM1000 Auto	455	543	\$30.840	5.677	1.587	1.012	0.069	9.079	0.413
FSM1000 Keying	95	791	\$30.840	3.901	1.587	1.012	0.048	6.239	0.059
Manual	54	614	\$30.840	5.022	1.398	1.012	0.061	7.085	0.038
Outgoing Secondary (Piece)									
AFSM100 Auto	26	3,328	\$30.840	0.927	1.746	1.012	0.011	1.629	0.004
VCS Keying	7	395	\$20.409	5.167	1.459	1.012	0.063	7.601	0.005
FSM881 Auto	3	1,304	\$30.840	2.365	1.416	1.012	0.029	3.378	0.001
FSM1000 Auto	55	1,351	\$30.840	2.282	1.587	1.012	0.028	3.650	0.020
FSM1000 Keying	11	981	\$30.840	3.143	1.587	1.012	0.038	5.027	0.005
Manual	7	600	\$30.840	5.140	1.398	1.012	0.063	7.251	0.005
Incoming MMP (Piece)									
AFSM100 Auto	287	2,085	\$30.840	1.479	1.746	1.012	0.018	2.800	0.075
VCS Keying	76	395	\$20.409	5.167	1.459	1.012	0.063	7.601	0.058
FSM881 Auto	32	886	\$30.840	3.479	1.416	1.012	0.042	4.969	0.016
FSM1000 Auto	354	1,589	\$30.840	1.941	1.587	1.012	0.024	3.103	0.110
FSM1000 Keying	70	685	\$30.840	4.501	1.587	1.012	0.055	7.198	0.050
Manual	67	582	\$30.840	5.488	1.398	1.012	0.067	7.742	0.052
Incoming SCF (Piece)									
AFSM100 Auto	120	2,249	\$30.840	1.371	1.746	1.012	0.017	2.411	0.029
VCS Keying	32	395	\$20.409	5.167	1.459	1.012	0.063	7.601	0.024
FSM881 Auto	13	974	\$30.840	3.165	1.416	1.012	0.039	4.521	0.006
FSM1000 Auto	179	1,582	\$30.840	1.949	1.587	1.012	0.024	3.117	0.056
FSM1000 Keying	35	785	\$30.840	3.928	1.587	1.012	0.048	6.282	0.022
Manual	41	768	\$30.840	4.018	1.398	1.012	0.049	5.868	0.023
Incoming Primary (Piece)									
AFSM100 Auto	2,300	1,931	\$30.840	1.597	1.746	1.012	0.019	2.808	0.646
VCS Keying	607	395	\$20.409	5.167	1.459	1.012	0.063	7.601	0.461
FSM881 Auto	250	946	\$30.840	3.260	1.416	1.012	0.040	4.656	0.117
FSM1000 Auto	3,240	1,214	\$30.840	2.541	1.587	1.012	0.031	4.064	1.317
FSM1000 Keying	676	746	\$30.840	4.134	1.587	1.012	0.050	6.612	0.447
Manual	402	549	\$30.840	5.614	1.398	1.012	0.068	7.920	0.318
Incoming Secondary (Piece)									
AFSM100 Auto	2,768	2,305	\$30.840	1.338	1.746	1.012	0.016	2.352	0.651
VCS Keying	730	395	\$20.409	5.167	1.459	1.012	0.063	7.601	0.555
FSM881 Auto	255	953	\$30.840	3.237	1.416	1.012	0.039	4.623	0.118
FSM1000 Auto	0	1,650	\$30.840	1.869	1.587	1.012	0.023	2.989	0.000
FSM1000 Keying	0	878	\$30.840	3.511	1.587	1.012	0.043	5.615	0.000
Manual	7,128	594	\$30.840	5.189	1.398	1.012	0.063	7.320	5.218

(10)
MODEL COST = **11.769**

(1) Values From Page 5
 (2) Values From Page 26
 (3) Values From Page 26
 (4) [(3) * (100 cents/dollar)] / (2)
 (5) Values From Page 27

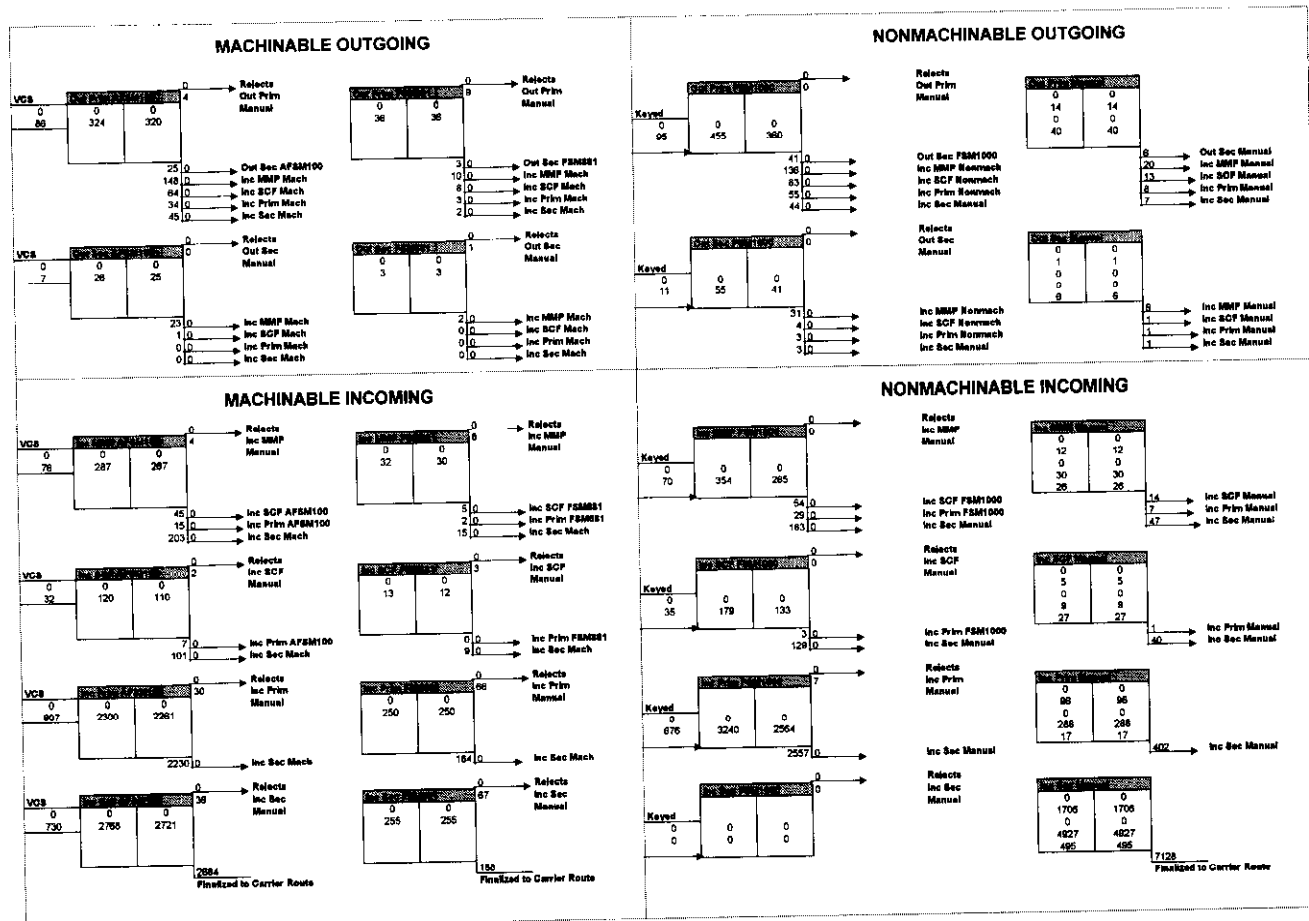
(6) Values From Page 26
 (7) [(6) - 1] * (4)
 (8) (4) * (5) + (7)
 (9) (1) * (8) / 10,000 Pieces
 (10) Sum (9)

NONAUTO PRESORT MAIL FLOW MODEL

PCS IN = 10000 PCS OUT = 10000

PIECE ENTRY POINTS:

BC Mach Out Prim	0	Non-BC Mach Out Prim	355	BC Nonmach Out Prim	0	Non-BC Nonmach Out Prim	400
BC Mach Out Sec	0	Non-BC Mach Out Sec	0	BC Nonmach Out Sec	0	Non-BC Nonmach Out Sec	0
BC Mach Inc MMF	0	Non-BC Mach Inc MMF	114	BC Nonmach Inc MMF	0	Non-BC Nonmach Inc MMF	128
BC Mach Inc SCF	0	Non-BC Mach Inc SCF	0	BC Nonmach Inc SCF	0	Non-BC Nonmach Inc SCF	0
BC Mach Inc Prim	0	Non-BC Mach Inc Prim	2449	BC Nonmach Inc Prim	0	Non-BC Nonmach Inc Prim	2796
BC Mach Inc Sec	0	Non-BC Mach Inc Sec	1787	BC Nonmach Inc Sec	0	Non-BC Nonmach Inc Sec	2011



**MIXED ADC NONAUTO PRESORT
COST SHEET**

	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
<u>Operation</u>	<u>Volume</u>	<u>Packages or Pieces Per Hour</u>	<u>Wage Rate</u>	<u>Direct Cents Per Piece</u>	<u>Piggyback Factor</u>	<u>Premium Pay Factor</u>	<u>Premium Pay Adjust</u>	<u>Total Cents Per Piece</u>	<u>Weighted Cents Per Piece</u>
Outgoing Primary (Package)									
Mechanized	282	367	\$30.840	8.411	1.676	1.012	0.103	14.200	0.400
Manual	99	80	\$30.840	38.723	1.598	1.012	0.472	62.350	0.617
Incoming MMP (Package)									
Mechanized	0	367	\$30.840	8.411	1.676	1.012	0.103	14.200	0.000
Manual	0	180	\$30.840	17.160	1.598	1.012	0.209	27.631	0.000
Incoming Primary (Package)									
Mechanized	0	367	\$30.840	8.411	1.676	1.012	0.103	14.200	0.000
Manual	0	222	\$30.840	13.910	1.598	1.012	0.170	22.396	0.000
Incoming Secondary (Package)									
Mechanized	0	367	\$30.840	8.411	1.676	1.012	0.103	14.200	0.000
Manual	0	431	\$30.840	7.156	1.598	1.012	0.087	11.522	0.000
Outgoing Primary (Piece)									
AFSM100 Auto	6,222	2,343	\$30.840	1.318	1.746	1.012	0.016	2.314	1.440
VCS Keying	1,641	395	\$20.409	5.167	1.459	1.012	0.063	7.601	1.247
FSM881 Auto	682	1,142	\$30.840	2.701	1.416	1.012	0.033	3.857	0.263
FSM1000 Auto	3,619	543	\$30.840	5.677	1.587	1.012	0.069	9.079	3.285
FSM1000 Keying	755	791	\$30.840	3.901	1.587	1.012	0.048	6.239	0.471
Manual	583	614	\$30.840	5.022	1.398	1.012	0.061	7.085	0.413
Outgoing Secondary (Piece)									
AFSM100 Auto	501	3,328	\$30.840	0.927	1.746	1.012	0.011	1.629	0.082
VCS Keying	132	395	\$20.409	5.167	1.459	1.012	0.063	7.601	0.100
FSM881 Auto	54	1,304	\$30.840	2.365	1.416	1.012	0.029	3.378	0.018
FSM1000 Auto	439	1,351	\$30.840	2.282	1.587	1.012	0.028	3.650	0.160
FSM1000 Keying	87	981	\$30.840	3.143	1.587	1.012	0.038	5.027	0.044
Manual	89	600	\$30.840	5.140	1.398	1.012	0.063	7.251	0.064
Incoming MMP (Piece)									
AFSM100 Auto	3,401	2,085	\$30.840	1.479	1.746	1.012	0.018	2.600	0.884
VCS Keying	897	395	\$20.409	5.167	1.459	1.012	0.063	7.601	0.682
FSM881 Auto	375	886	\$30.840	3.479	1.416	1.012	0.042	4.969	0.186
FSM1000 Auto	1,594	1,589	\$30.840	1.941	1.587	1.012	0.024	3.103	0.495
FSM1000 Keying	315	685	\$30.840	4.501	1.587	1.012	0.055	7.198	0.227
Manual	559	562	\$30.840	5.488	1.398	1.012	0.067	7.742	0.433
Incoming SCF (Piece)									
AFSM100 Auto	1,945	2,249	\$30.840	1.371	1.746	1.012	0.017	2.411	0.469
VCS Keying	513	395	\$20.409	5.167	1.459	1.012	0.063	7.601	0.390
FSM881 Auto	216	974	\$30.840	3.165	1.416	1.012	0.039	4.521	0.098
FSM1000 Auto	1,175	1,582	\$30.840	1.949	1.587	1.012	0.024	3.117	0.366
FSM1000 Keying	229	785	\$30.840	3.928	1.587	1.012	0.048	6.282	0.144
Manual	408	768	\$30.840	4.018	1.398	1.012	0.049	5.668	0.231
Incoming Primary (Piece)									
AFSM100 Auto	964	1,931	\$30.840	1.597	1.746	1.012	0.019	2.808	0.271
VCS Keying	254	395	\$20.409	5.167	1.459	1.012	0.063	7.601	0.193
FSM881 Auto	94	946	\$30.840	3.260	1.416	1.012	0.040	4.656	0.044
FSM1000 Auto	709	1,214	\$30.840	2.541	1.587	1.012	0.031	4.064	0.288
FSM1000 Keying	148	746	\$30.840	4.134	1.587	1.012	0.050	6.612	0.098
Manual	249	549	\$30.840	5.614	1.398	1.012	0.068	7.920	0.198
Incoming Secondary (Piece)									
AFSM100 Auto	3,835	2,305	\$30.840	1.338	1.746	1.012	0.016	2.352	0.902
VCS Keying	1,011	395	\$20.409	5.167	1.459	1.012	0.063	7.601	0.789
FSM881 Auto	315	953	\$30.840	3.237	1.416	1.012	0.039	4.623	0.145
FSM1000 Auto	0	1,650	\$30.840	1.869	1.587	1.012	0.023	2.989	0.000
FSM1000 Keying	0	878	\$30.840	3.511	1.587	1.012	0.043	5.615	0.000
Manual	6,049	594	\$30.840	5.189	1.398	1.012	0.063	7.320	4.428

(10)
MODEL COST = **20.646**

(1) Values From Page 7
(2) Values From Page 26
(3) Values From Page 26
(4) $[(3) * (100 \text{ cents/dollar})] / (2)$
(5) Values From Page 27

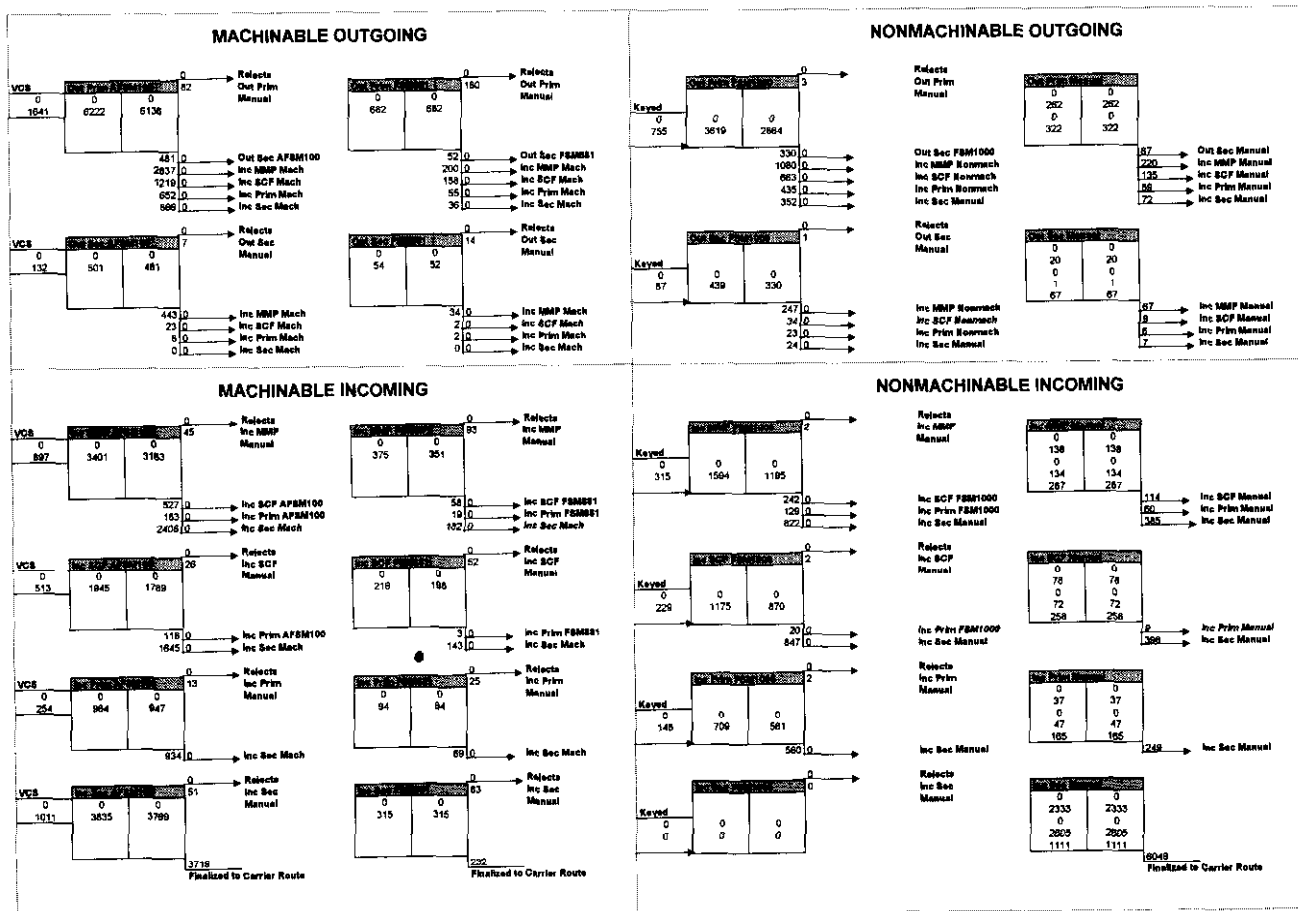
(6) Values From Page 26
(7) $[(6) - 1] * (4)$
(8) $(4) * (6) + (7)$
(9) $(1) * (8) / 10,000 \text{ Pieces}$
(10) Sum (9)

MIXED ADC NONAUTO PRESORT MAIL FLOW MODEL

PCS IN = 10000 PCS OUT = 10000

PIECE ENTRY POINTS:

BC Mach Out Prim	0	Non-BC Mach Out Prim	6818	BC Nonmach Out Prim	0	Non-BC Nonmach Out Prim	3182
BC Mach Out Sec	0	Non-BC Mach Out Sec	0	BC Nonmach Out Sec	0	Non-BC Nonmach Out Sec	0
BC Mach Inc MMF	0	Non-BC Mach Inc MMF	0	BC Nonmach Inc MMF	0	Non-BC Nonmach Inc MMF	0
BC Mach Inc SCF	0	Non-BC Mach Inc SCF	0	BC Nonmach Inc SCF	0	Non-BC Nonmach Inc SCF	0
BC Mach Inc Prim	0	Non-BC Mach Inc Prim	0	BC Nonmach Inc Prim	0	Non-BC Nonmach Inc Prim	0
BC Mach Inc Sec	0	Non-BC Mach Inc Sec	0	BC Nonmach Inc Sec	0	Non-BC Nonmach Inc Sec	0



ADC NONAUTO PRESORT
COST SHEET

Operation	(1) Volume	(2) Packages or Pieces Per Hour	(3) Wage Rate	(4) Direct Cents Per Piece	(5) Piggyback Factor	(6) Premium Pay Factor	(7) Premium Pay Adjust	(8) Total Cents Per Piece	(9) Weighted Cents Per Piece
Outgoing Primary (Package)									
Mechanized	282	367	\$30.840	8.411	1.676	1.012	0.103	14.200	0.400
Manual	99	80	\$30.840	38.723	1.598	1.012	0.472	62.350	0.617
Incoming MMP (Package)									
Mechanized	0	367	\$30.840	8.411	1.676	1.012	0.103	14.200	0.000
Manual	0	180	\$30.840	17.160	1.598	1.012	0.209	27.631	0.000
Incoming Primary (Package)									
Mechanized	0	367	\$30.840	8.411	1.676	1.012	0.103	14.200	0.000
Manual	0	222	\$30.840	13.910	1.598	1.012	0.170	22.396	0.000
Incoming Secondary (Package)									
Mechanized	0	367	\$30.840	8.411	1.676	1.012	0.103	14.200	0.000
Manual	0	431	\$30.840	7.156	1.598	1.012	0.087	11.522	0.000
Outgoing Primary (Piece)									
AFSM100 Auto	68	2,343	\$30.840	1.316	1.746	1.012	0.016	2.314	0.016
VCS Keying	18	395	\$20.409	5.167	1.459	1.012	0.063	7.601	0.014
FSM881 Auto	7	1,142	\$30.840	2.701	1.416	1.012	0.033	3.857	0.003
FSM1000 Auto	40	543	\$30.840	5.677	1.587	1.012	0.069	9.079	0.036
FSM1000 Keying	8	791	\$30.840	3.901	1.587	1.012	0.048	6.239	0.005
Manual	6	614	\$30.840	5.022	1.398	1.012	0.061	7.085	0.005
Outgoing Secondary (Piece)									
AFSM100 Auto	6	3,328	\$30.840	0.927	1.746	1.012	0.011	1.829	0.001
VCS Keying	1	395	\$20.409	5.167	1.459	1.012	0.063	7.601	0.001
FSM881 Auto	1	1,304	\$30.840	2.365	1.416	1.012	0.029	3.378	0.000
FSM1000 Auto	5	1,351	\$30.840	2.282	1.587	1.012	0.028	3.650	0.002
FSM1000 Keying	1	981	\$30.840	3.143	1.587	1.012	0.038	5.027	0.000
Manual	1	600	\$30.840	5.140	1.398	1.012	0.063	7.251	0.001
Incoming MMP (Piece)									
AFSM100 Auto	6,563	2,085	\$30.840	1.479	1.746	1.012	0.018	2.600	1.707
VCS Keying	1,730	395	\$20.409	5.167	1.459	1.012	0.063	7.601	1.315
FSM881 Auto	724	886	\$30.840	3.479	1.416	1.012	0.042	4.969	0.360
FSM1000 Auto	3,795	1,589	\$30.840	1.941	1.587	1.012	0.024	3.103	1.178
FSM1000 Keying	750	685	\$30.840	4.501	1.587	1.012	0.055	7.198	0.540
Manual	589	562	\$30.840	5.488	1.398	1.012	0.067	7.742	0.456
Incoming SCF (Piece)									
AFSM100 Auto	1,122	2,249	\$30.840	1.371	1.746	1.012	0.017	2.411	0.270
VCS Keying	296	395	\$20.409	5.167	1.459	1.012	0.063	7.601	0.225
FSM881 Auto	123	974	\$30.840	3.165	1.416	1.012	0.039	4.521	0.056
FSM1000 Auto	789	1,582	\$30.840	1.949	1.587	1.012	0.024	3.117	0.246
FSM1000 Keying	154	785	\$30.840	3.928	1.587	1.012	0.048	6.282	0.097
Manual	168	768	\$30.840	4.018	1.398	1.012	0.049	5.668	0.095
Incoming Primary (Piece)									
AFSM100 Auto	436	1,931	\$30.840	1.597	1.746	1.012	0.019	2.808	0.123
VCS Keying	115	395	\$20.409	5.167	1.459	1.012	0.063	7.601	0.087
FSM881 Auto	39	946	\$30.840	3.260	1.416	1.012	0.040	4.656	0.018
FSM1000 Auto	410	1,214	\$30.840	2.541	1.587	1.012	0.031	4.064	0.167
FSM1000 Keying	86	746	\$30.840	4.134	1.587	1.012	0.050	6.612	0.057
Manual	86	549	\$30.840	5.614	1.398	1.012	0.068	7.920	0.068
Incoming Secondary (Piece)									
AFSM100 Auto	3,985	2,305	\$30.840	1.338	1.746	1.012	0.016	2.352	0.937
VCS Keying	1,051	395	\$20.409	5.167	1.459	1.012	0.063	7.601	0.799
FSM881 Auto	301	953	\$30.840	3.237	1.416	1.012	0.039	4.623	0.139
FSM1000 Auto	0	1,650	\$30.840	1.869	1.587	1.012	0.023	2.989	0.000
FSM1000 Keying	0	878	\$30.840	3.511	1.587	1.012	0.043	5.615	0.000
Manual	5,914	594	\$30.840	5.189	1.398	1.012	0.063	7.320	4.329

(10)
MODEL COST = **14.387**

(1) Values From Page 9
 (2) Values From Page 26
 (3) Values From Page 26
 (4) $[(3) * (100 \text{ cents/dollar})] / (2)$
 (5) Values From Page 27

(6) Values From Page 28
 (7) $[(6) - 1] * (4)$
 (8) $(4) * (6) + (7)$
 (9) $(1) * (8) / 10,000 \text{ Pieces}$
 (10) Sum (9)

ADC NONAUTO PRESORT
MAIL FLOW MODEL

PCS IN =

10000

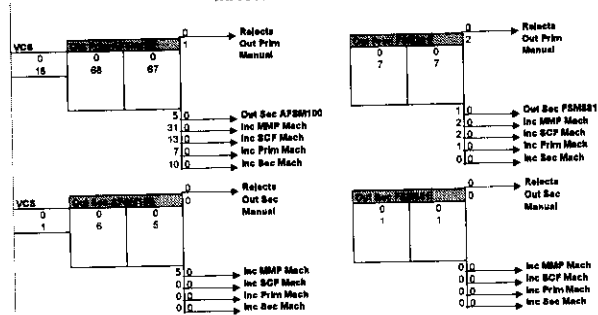
PCS OUT =

10000

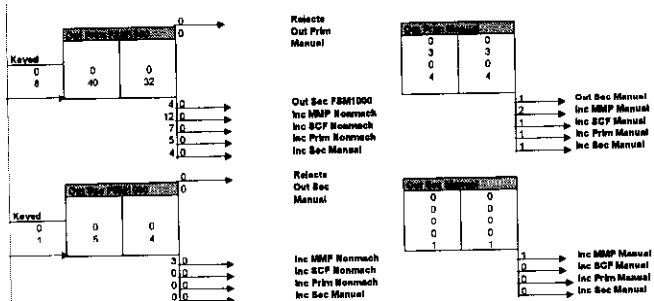
PIECE ENTRY POINTS:

BC Mach Out Prim	0	Non-BC Mach Out Prim	75	BC Nonmach Out Prim	0	Non-BC Nonmach Out Prim	35
BC Mach Out Sec	0	Non-BC Mach Out Sec	0	BC Nonmach Out Sec	0	Non-BC Nonmach Out Sec	0
BC Mach Inc MMF	0	Non-BC Mach Inc MMF	5743	BC Nonmach Inc MMF	0	Non-BC Nonmach Inc MMF	3147
BC Mach Inc SCF	0	Non-BC Mach Inc SCF	0	BC Nonmach Inc SCF	0	Non-BC Nonmach Inc SCF	0
BC Mach Inc Prim	0	Non-BC Mach Inc Prim	0	BC Nonmach Inc Prim	0	Non-BC Nonmach Inc Prim	0
BC Mach Inc Sec	0	Non-BC Mach Inc Sec	0	BC Nonmach Inc Sec	0	Non-BC Nonmach Inc Sec	0

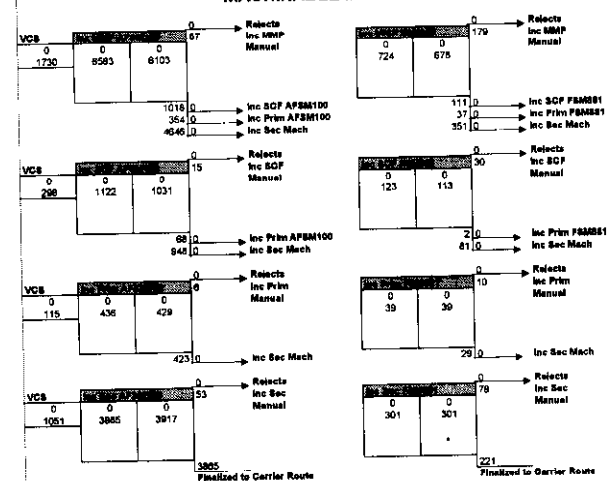
MACHINABLE OUTGOING



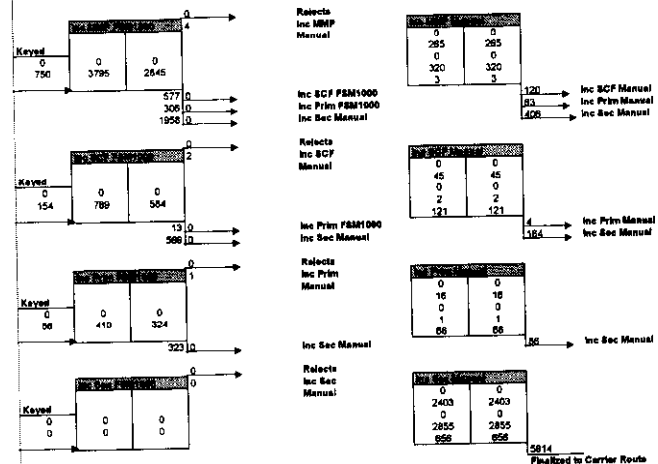
NONMACHINABLE OUTGOING



MACHINABLE INCOMING



NONMACHINABLE INCOMING



3-DIGIT NONAUTO PRESORT COST SHEET

	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
<u>Operation</u>	<u>Volume</u>	<u>Packages or Pieces Per Hour</u>	<u>Wage Rate</u>	<u>Direct Cents Per Piece</u>	<u>Piggyback Factor</u>	<u>Premium Pay Factor</u>	<u>Premium Pay Adjust</u>	<u>Total Cents Per Piece</u>	<u>Weighted Cents Per Piece</u>
Outgoing Primary (Package)									
Mechanized	280	367	\$30.840	8.411	1.676	1.012	0.103	14.200	0.398
Manual	98	80	\$30.840	38.723	1.598	1.012	0.472	62.350	0.814
Incoming MMP (Package)									
Mechanized	223	367	\$30.840	8.411	1.676	1.012	0.103	14.200	0.317
Manual	56	180	\$30.840	17.160	1.598	1.012	0.209	27.631	0.154
Incoming Primary (Package)									
Mechanized	127	367	\$30.840	8.411	1.676	1.012	0.103	14.200	0.181
Manual	52	222	\$30.840	13.910	1.598	1.012	0.170	22.396	0.116
Incoming Secondary (Package)									
Mechanized	0	367	\$30.840	8.411	1.676	1.012	0.103	14.200	0.000
Manual	0	431	\$30.840	7.156	1.598	1.012	0.087	11.522	0.000
Outgoing Primary (Piece)									
AFSM100 Auto	68	2,343	\$30.840	1.316	1.746	1.012	0.016	2.314	0.016
VCS Keying	18	395	\$20.409	5.167	1.459	1.012	0.063	7.601	0.014
FSM881 Auto	7	1,142	\$30.840	2.701	1.416	1.012	0.033	3.857	0.003
FSM1000 Auto	40	543	\$30.840	5.677	1.587	1.012	0.069	9.079	0.036
FSM1000 Keying	8	791	\$30.840	3.901	1.587	1.012	0.048	6.239	0.005
Manual	6	614	\$30.840	5.022	1.398	1.012	0.061	7.085	0.005
Outgoing Secondary (Piece)									
AFSM100 Auto	5	3,328	\$30.840	0.927	1.746	1.012	0.011	1.629	0.001
VCS Keying	1	395	\$20.409	5.167	1.459	1.012	0.063	7.601	0.001
FSM881 Auto	1	1,304	\$30.840	2.365	1.416	1.012	0.029	3.378	0.000
FSM1000 Auto	5	1,351	\$30.840	2.282	1.587	1.012	0.028	3.650	0.002
FSM1000 Keying	1	981	\$30.840	3.143	1.587	1.012	0.038	5.027	0.000
Manual	1	600	\$30.840	5.140	1.398	1.012	0.063	7.251	0.001
Incoming MMP (Piece)									
AFSM100 Auto	521	2,085	\$30.840	1.479	1.746	1.012	0.018	2.600	0.135
VCS Keying	137	395	\$20.409	5.167	1.459	1.012	0.063	7.601	0.104
FSM881 Auto	57	886	\$30.840	3.479	1.416	1.012	0.042	4.969	0.029
FSM1000 Auto	297	1,589	\$30.840	1.941	1.587	1.012	0.024	3.103	0.092
FSM1000 Keying	59	685	\$30.840	4.501	1.587	1.012	0.055	7.198	0.042
Manual	49	562	\$30.840	5.488	1.398	1.012	0.067	7.742	0.038
Incoming SCF (Piece)									
AFSM100 Auto	103	2,249	\$30.840	1.371	1.746	1.012	0.017	2.411	0.025
VCS Keying	27	395	\$20.409	5.167	1.459	1.012	0.063	7.601	0.021
FSM881 Auto	11	974	\$30.840	3.165	1.416	1.012	0.039	4.521	0.005
FSM1000 Auto	70	1,582	\$30.840	1.949	1.587	1.012	0.024	3.117	0.022
FSM1000 Keying	14	785	\$30.840	3.928	1.587	1.012	0.048	6.282	0.009
Manual	17	768	\$30.840	4.018	1.398	1.012	0.049	5.668	0.009
Incoming Primary (Piece)									
AFSM100 Auto	5,759	1,931	\$30.840	1.597	1.746	1.012	0.019	2.808	1.617
VCS Keying	1,519	395	\$20.409	5.167	1.459	1.012	0.063	7.601	1.154
FSM881 Auto	628	946	\$30.840	3.260	1.416	1.012	0.040	4.856	0.293
FSM1000 Auto	3,352	1,214	\$30.840	2.541	1.587	1.012	0.031	4.064	1.362
FSM1000 Keying	899	746	\$30.840	4.134	1.587	1.012	0.050	6.612	0.462
Manual	547	549	\$30.840	5.614	1.398	1.012	0.068	7.920	0.434
Incoming Secondary (Piece)									
AFSM100 Auto	4,001	2,305	\$30.840	1.338	1.746	1.012	0.018	2.352	0.941
VCS Keying	1,055	395	\$20.409	5.167	1.459	1.012	0.063	7.601	0.802
FSM881 Auto	324	953	\$30.840	3.237	1.416	1.012	0.039	4.623	0.150
FSM1000 Auto	0	1,650	\$30.840	1.869	1.587	1.012	0.023	2.989	0.000
FSM1000 Keying	0	878	\$30.840	3.511	1.587	1.012	0.043	5.615	0.000
Manual	5,882	594	\$30.840	5.189	1.398	1.012	0.063	7.320	4.305
									(10)
									MODEL COST = 13.914

(1) Values From Page 11
 (2) Values From Page 26
 (3) Values From Page 26
 (4) $[(3) * (100 \text{ cents/dollar})] / (2)$
 (5) Values From Page 27

(6) Values From Page 26
 (7) $[(6) - 1] * (4)$
 (8) $(4) * (6) + (7)$
 (9) $(1) * (8) / 10,000 \text{ Pieces}$
 (10) Sum (9)

3-DIGIT NONAUTO PRESORT
MAIL FLOW MODEL

PCS IN =

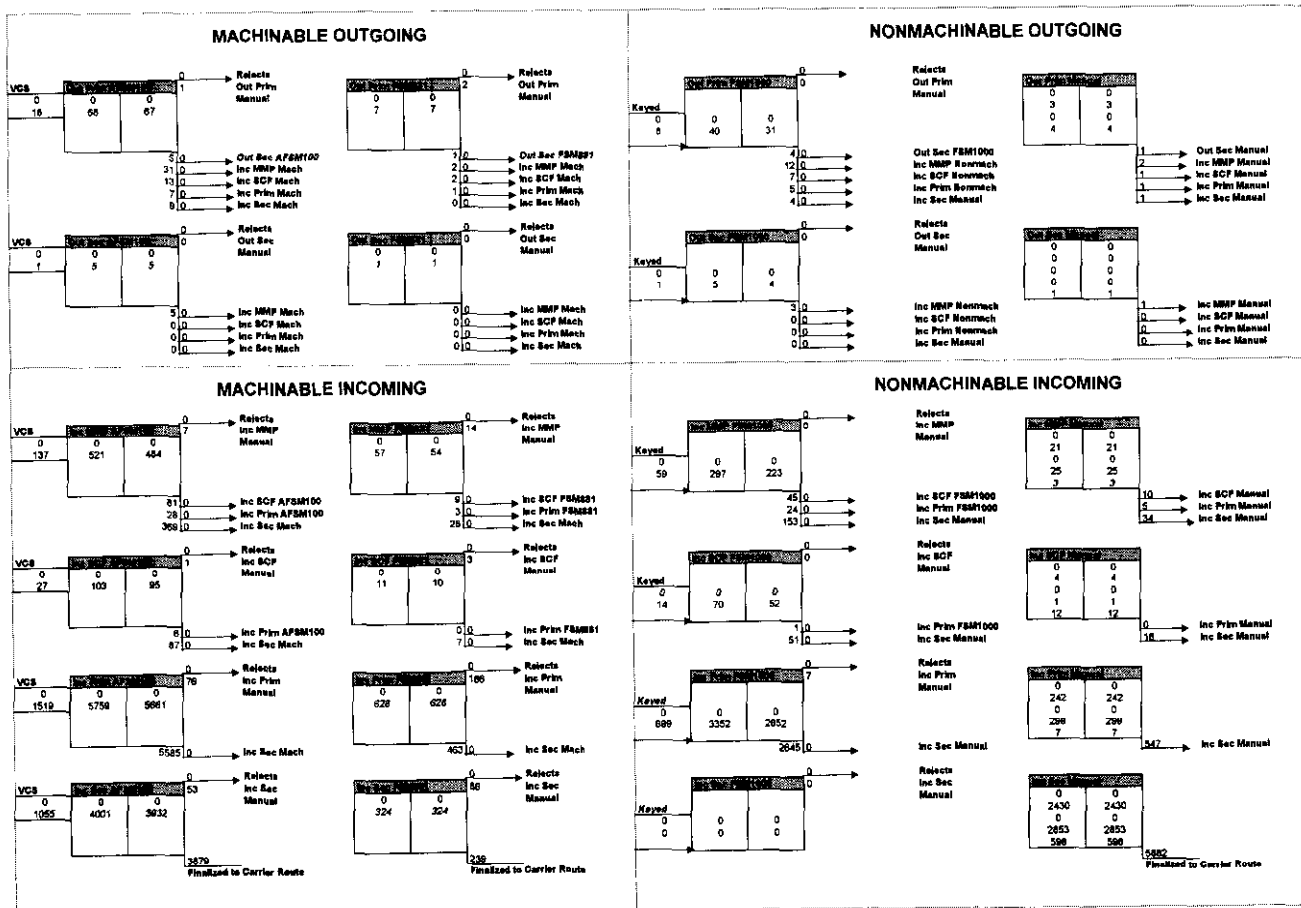
10000

PCS OUT =

10000

PIECE ENTRY POINTS:

BC Mach Out Prim	0	Non-BC Mach Out Prim	75	BC Nonmach Out Prim	0	Non-BC Nonmach Out Prim	35
BC Mach Out Sec	0	Non-BC Mach Out Sec	0	BC Nonmach Out Sec	0	Non-BC Nonmach Out Sec	0
BC Mach Inc MMF	0	Non-BC Mach Inc MMF	500	BC Nonmach Inc MMF	0	Non-BC Nonmach Inc MMF	233
BC Mach Inc BCF	0	Non-BC Mach Inc BCF	0	BC Nonmach Inc BCF	0	Non-BC Nonmach Inc BCF	0
BC Mach Inc Prim	0	Non-BC Mach Inc Prim	6244	BC Nonmach Inc Prim	0	Non-BC Nonmach Inc Prim	2814
BC Mach Inc Sec	0	Non-BC Mach Inc Sec	0	BC Nonmach Inc Sec	0	Non-BC Nonmach Inc Sec	0



**5-DIGIT NONAUTO PRESORT
COST SHEET**

	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
Operation	Volume	Packages or Pieces Per Hour	Wage Rate	Direct Cents Per Piece	Piggyback Factor	Premium Pay Factor	Premium Pay Adjust	Total Cents Per Piece	Weighted Cents Per Piece
Outgoing Primary (Package)									
Mechanized	4	367	\$30.840	8.411	1.676	1.012	0.103	14.200	0.006
Manual	1	80	\$30.840	38.723	1.598	1.012	0.472	62.350	0.009
Incoming MMP (Package)									
Mechanized	3	367	\$30.840	8.411	1.676	1.012	0.103	14.200	0.005
Manual	1	180	\$30.840	17.180	1.598	1.012	0.209	27.631	0.002
Incoming Primary (Package)									
Mechanized	282	367	\$30.840	8.411	1.676	1.012	0.103	14.200	0.400
Manual	127	222	\$30.840	13.910	1.598	1.012	0.170	22.396	0.284
Incoming Secondary (Package)									
Mechanized	0	367	\$30.840	8.411	1.676	1.012	0.103	14.200	0.000
Manual	0	431	\$30.840	7.156	1.598	1.012	0.087	11.522	0.000
Outgoing Primary (Piece)									
AFSM100 Auto	1	2,343	\$30.840	1.316	1.746	1.012	0.016	2.314	0.000
VCS Keying	0	395	\$20.409	5.167	1.459	1.012	0.063	7.601	0.000
FSM881 Auto	0	1,142	\$30.840	2.701	1.416	1.012	0.033	3.657	0.000
FSM1000 Auto	1	543	\$30.840	5.677	1.587	1.012	0.069	9.079	0.001
FSM1000 Keying	0	791	\$30.840	3.901	1.587	1.012	0.048	6.239	0.000
Manual	0	614	\$30.840	5.022	1.398	1.012	0.061	7.085	0.000
Outgoing Secondary (Piece)									
AFSM100 Auto	0	3,328	\$30.840	0.927	1.746	1.012	0.011	1.629	0.000
VCS Keying	0	395	\$20.409	5.167	1.459	1.012	0.063	7.601	0.000
FSM881 Auto	0	1,304	\$30.840	2.365	1.416	1.012	0.029	3.378	0.000
FSM1000 Auto	0	1,351	\$30.840	2.282	1.587	1.012	0.028	3.650	0.000
FSM1000 Keying	0	981	\$30.840	3.143	1.587	1.012	0.038	5.027	0.000
Manual	0	800	\$30.840	5.140	1.398	1.012	0.063	7.251	0.000
Incoming MMP (Piece)									
AFSM100 Auto	7	2,085	\$30.840	1.479	1.746	1.012	0.018	2.600	0.002
VCS Keying	2	395	\$20.409	5.167	1.459	1.012	0.063	7.601	0.001
FSM881 Auto	1	886	\$30.840	3.479	1.416	1.012	0.042	4.969	0.000
FSM1000 Auto	4	1,589	\$30.840	1.941	1.587	1.012	0.024	3.103	0.001
FSM1000 Keying	1	685	\$30.840	4.501	1.587	1.012	0.055	7.198	0.001
Manual	1	562	\$30.840	5.488	1.398	1.012	0.067	7.742	0.001
Incoming SCF (Piece)									
AFSM100 Auto	1	2,249	\$30.840	1.371	1.746	1.012	0.017	2.411	0.000
VCS Keying	0	395	\$20.409	5.167	1.459	1.012	0.063	7.601	0.000
FSM881 Auto	0	974	\$30.840	3.165	1.416	1.012	0.039	4.521	0.000
FSM1000 Auto	1	1,582	\$30.840	1.949	1.587	1.012	0.024	3.117	0.000
FSM1000 Keying	0	785	\$30.840	3.928	1.587	1.012	0.048	6.282	0.000
Manual	0	768	\$30.840	4.018	1.398	1.012	0.049	5.668	0.000
Incoming Primary (Piece)									
AFSM100 Auto	71	1,931	\$30.840	1.597	1.746	1.012	0.019	2.808	0.020
VCS Keying	19	395	\$20.409	5.167	1.459	1.012	0.063	7.601	0.014
FSM881 Auto	8	946	\$30.840	3.260	1.416	1.012	0.040	4.656	0.004
FSM1000 Auto	41	1,214	\$30.840	2.541	1.587	1.012	0.031	4.064	0.017
FSM1000 Keying	9	746	\$30.840	4.134	1.587	1.012	0.050	6.612	0.006
Manual	7	549	\$30.840	5.614	1.398	1.012	0.068	7.920	0.005
Incoming Secondary (Piece)									
AFSM100 Auto	4,057	2,305	\$30.840	1.338	1.746	1.012	0.016	2.352	0.954
VCS Keying	1,070	395	\$20.409	5.167	1.459	1.012	0.063	7.601	0.813
FSM881 Auto	442	953	\$30.840	3.237	1.416	1.012	0.039	4.623	0.204
FSM1000 Auto	0	1,650	\$30.840	1.869	1.587	1.012	0.023	2.989	0.000
FSM1000 Keying	0	878	\$30.840	3.511	1.587	1.012	0.043	5.615	0.000
Manual	5,740	594	\$30.840	5.189	1.398	1.012	0.063	7.320	4.202

(10)
MODEL COST = **6.954**

(1) Values From Page 13
 (2) Values From Page 26
 (3) Values From Page 28
 (4) [(3) * (100 cents/dollar)] / (2)
 (5) Values From Page 27

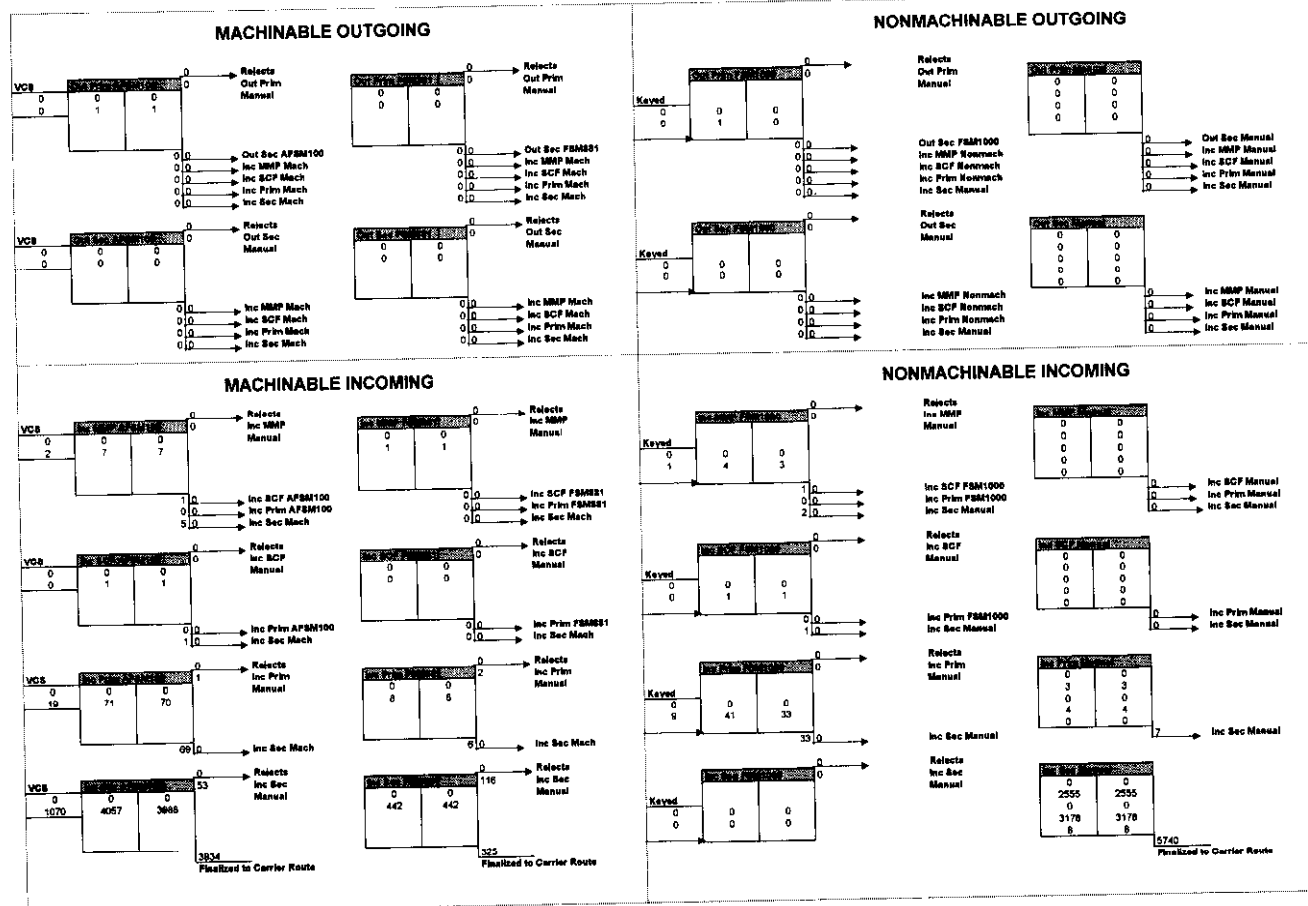
(6) Values From Page 26
 (7) [(6) - 1] * (4)
 (8) (4) * (6) + (7)
 (9) (1) * (8) / 10,000 Pieces
 (10) Sum (9)

**5-DIGIT NONAUTO PRESORT
MAIL FLOW MODEL**

PCS IN = 10000 PCS OUT = 10000

PIECE ENTRY POINTS:

PIECE ENTRY POINTS:						
BC Mach Out Prim	Non-BC Mach Out Prim	1	BC Nrmach Out Prim	0	Non-BC Nrmach Out Prim	1
BC Mach Out Sec	Non-BC Mach Out Sec	0	BC Nrmach Out Sec	0	Non-BC Nrmach Out Sec	0
BC Mach Inc NMP	Non-BC Mach Inc NMP	0	BC Nrmach Inc NMP	0	Non-BC Nrmach Inc NMP	3
BC Mach Inc BCF	Non-BC Mach Inc BCF	0	BC Nrmach Inc BCF	0	Non-BC Nrmach Inc BCF	0
BC Mach Inc PCF	Non-BC Mach Inc PCF	0	BC Nrmach Inc PCF	0	Non-BC Nrmach Inc PCF	36
BC Mach Inc SBF	Non-BC Mach Inc SBF	0	BC Nrmach Inc SBF	0	Non-BC Nrmach Inc SBF	342
BC Mach Inc SCS	Non-BC Mach Inc SCS	773	BC Nrmach Inc SCS	0	Non-BC Nrmach Inc SCS	31



**MIXED MADC AUTO PRESORT
COST SHEET**

	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
<u>Operation</u>	<u>Volume</u>	<u>Packages or Pieces Per Hour</u>	<u>Wage Rate</u>	<u>Direct Cents Per Piece</u>	<u>Piggyback Factor</u>	<u>Premium Pay Factor</u>	<u>Premium Pay Adjust</u>	<u>Total Cents Per Piece</u>	<u>Weighted Cents Per Piece</u>
Outgoing Primary (Package)									
Mechanized	282	367	\$30.840	8.411	1.676	1.012	0.103	14.200	0.400
Manual	99	80	\$30.840	38.723	1.598	1.012	0.472	62.350	0.617
Incoming MMP (Package)									
Mechanized	0	367	\$30.840	8.411	1.676	1.012	0.103	14.200	0.000
Manual	0	180	\$30.840	17.160	1.598	1.012	0.209	27.631	0.000
Incoming Primary (Package)									
Mechanized	0	367	\$30.840	8.411	1.676	1.012	0.103	14.200	0.000
Manual	0	222	\$30.840	13.910	1.598	1.012	0.170	22.396	0.000
Incoming Secondary (Package)									
Mechanized	0	367	\$30.840	8.411	1.676	1.012	0.103	14.200	0.000
Manual	0	431	\$30.840	7.156	1.598	1.012	0.087	11.522	0.000
Outgoing Primary (Piece)									
AFSM100 Auto	6,222	2,343	\$30.840	1.316	1.746	1.012	0.016	2.314	1.440
VCS Keying	381	395	\$20.409	5.167	1.459	1.012	0.063	7.601	0.290
FSM881 Auto	682	1,142	\$30.840	2.701	1.416	1.012	0.033	3.857	0.263
FSM1000 Auto	3,039	543	\$30.840	5.677	1.587	1.012	0.069	9.079	2.759
FSM1000 Keying	176	791	\$30.840	3.901	1.587	1.012	0.048	6.239	0.110
Manual	380	614	\$30.840	5.022	1.398	1.012	0.061	7.085	0.269
Outgoing Secondary (Piece)									
AFSM100 Auto	506	3,328	\$30.840	0.927	1.746	1.012	0.011	1.629	0.082
VCS Keying	31	395	\$20.409	5.167	1.459	1.012	0.063	7.601	0.024
FSM881 Auto	68	1,304	\$30.840	2.365	1.416	1.012	0.029	3.378	0.023
FSM1000 Auto	373	1,351	\$30.840	2.282	1.587	1.012	0.028	3.650	0.136
FSM1000 Keying	20	981	\$30.840	3.143	1.587	1.012	0.038	5.027	0.010
Manual	50	600	\$30.840	5.140	1.398	1.012	0.063	7.251	0.036
Incoming MMP (Piece)									
AFSM100 Auto	3,513	2,085	\$30.840	1.479	1.746	1.012	0.018	2.600	0.913
VCS Keying	215	395	\$20.409	5.167	1.459	1.012	0.063	7.601	0.164
FSM881 Auto	388	886	\$30.840	3.479	1.416	1.012	0.042	4.969	0.193
FSM1000 Auto	1,354	1,589	\$30.840	1.941	1.587	1.012	0.024	3.103	0.420
FSM1000 Keying	73	685	\$30.840	4.501	1.587	1.012	0.055	7.198	0.053
Manual	347	562	\$30.840	5.488	1.398	1.012	0.067	7.742	0.269
Incoming SCF (Piece)									
AFSM100 Auto	2,027	2,249	\$30.840	1.371	1.746	1.012	0.017	2.411	0.489
VCS Keying	124	395	\$20.409	5.167	1.459	1.012	0.063	7.601	0.094
FSM881 Auto	242	974	\$30.840	3.165	1.416	1.012	0.039	4.521	0.109
FSM1000 Auto	1,001	1,582	\$30.840	1.949	1.587	1.012	0.024	3.117	0.312
FSM1000 Keying	53	785	\$30.840	3.928	1.587	1.012	0.048	6.282	0.034
Manual	254	788	\$30.840	4.018	1.398	1.012	0.049	5.668	0.144
Incoming Primary (Piece)									
AFSM100 Auto	1,000	1,931	\$30.840	1.597	1.746	1.012	0.019	2.808	0.281
VCS Keying	61	395	\$20.409	5.167	1.459	1.012	0.063	7.601	0.047
FSM881 Auto	103	946	\$30.840	3.260	1.416	1.012	0.040	4.656	0.048
FSM1000 Auto	596	1,214	\$30.840	2.541	1.587	1.012	0.031	4.064	0.242
FSM1000 Keying	34	748	\$30.840	4.134	1.587	1.012	0.050	6.612	0.023
Manual	180	549	\$30.840	5.614	1.398	1.012	0.068	7.920	0.127
Incoming Secondary (Piece)									
AFSM100 Auto	4,005	2,305	\$30.840	1.338	1.746	1.012	0.016	2.352	0.942
VCS Keying	246	395	\$20.409	5.167	1.459	1.012	0.063	7.601	0.187
FSM881 Auto	411	953	\$30.840	3.237	1.416	1.012	0.039	4.623	0.190
FSM1000 Auto	0	1,650	\$30.840	1.869	1.587	1.012	0.023	2.989	0.000
FSM1000 Keying	0	878	\$30.840	3.511	1.587	1.012	0.043	5.615	0.000
Manual	5,689	594	\$30.840	5.189	1.398	1.012	0.063	7.320	4.164

(10)
MODEL COST = **16.903**

(1) Values From Page 16
 (2) Values From Page 26
 (3) Values From Page 26
 (4) $[(3) * (100 \text{ cents/dollar})] / (2)$
 (5) Values From Page 27

(6) Values From Page 26
 (7) $[(6) - 1] * (4)$
 (8) $(4) * (5) + (7)$
 (9) $(1) * (8) / 10,000 \text{ Pieces}$
 (10) Sum (9)

MIXED MADC AUTO PRESORT MAIL FLOW MODEL

PCS IN =

10000

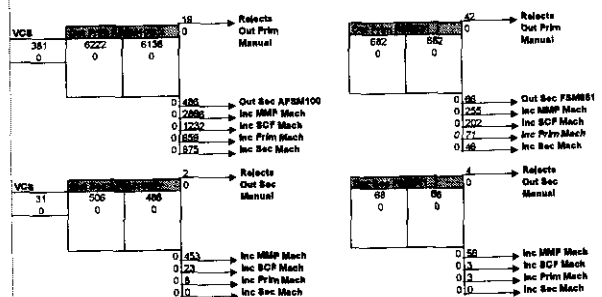
PCS OUT =

10000

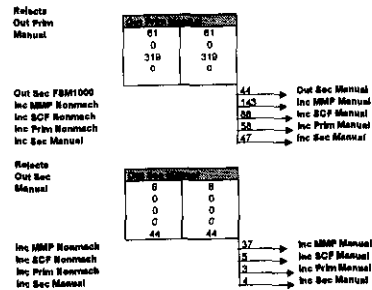
PIECE ENTRY POINTS:

SC Mach Out Prim	6019	Non-SC Mach Out Prim	0	SC Nonmach Out Prim	3182	Non-SC Nonmach Out Prim	0
SC Mach Out Sec	0	Non-SC Mach Out Sec	0	SC Nonmach Out Sec	0	Non-SC Nonmach Out Sec	0
SC Mach Inc MMF	0	Non-SC Mach Inc MMF	0	SC Nonmach Inc MMF	0	Non-SC Nonmach Inc MMF	0
SC Mach Inc SCF	0	Non-SC Mach Inc SCF	0	SC Nonmach Inc SCF	0	Non-SC Nonmach Inc SCF	0
SC Mach Inc Prim	0	Non-SC Mach Inc Prim	0	SC Nonmach Inc Prim	0	Non-SC Nonmach Inc Prim	0
SC Mach Inc Sec	0	Non-SC Mach Inc Sec	0	SC Nonmach Inc Sec	0	Non-SC Nonmach Inc Sec	0

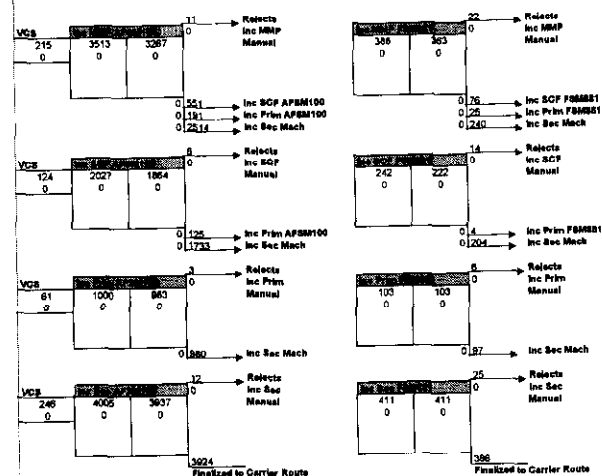
MACHINABLE OUTGOING



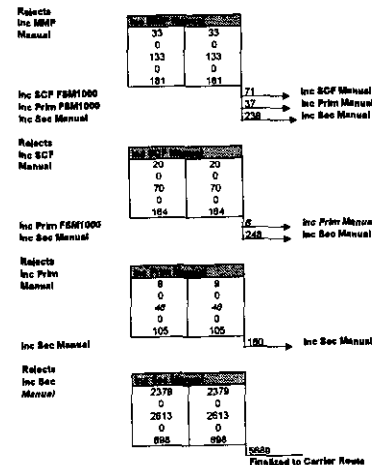
NONMACHINABLE OUTGOING



MACHINABLE INCOMING



NONMACHINABLE INCOMING



**ADC AUTO PRESORT
COST SHEET**

	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
<u>Operation</u>	<u>Volume</u>	<u>Packages or Pieces Per Hour</u>	<u>Wage Rate</u>	<u>Direct Cents Per Piece</u>	<u>Piggyback Factor</u>	<u>Premium Pay Factor</u>	<u>Premium Pay Adjust</u>	<u>Total Cents Per Piece</u>	<u>Weighted Cents Per Piece</u>
Outgoing Primary (Package)									
Mechanized	282	367	\$30.840	8.411	1.676	1.012	0.103	14.200	0.400
Manual	99	80	\$30.840	38.723	1.598	1.012	0.472	62.350	0.617
Incoming MMP (Package)									
Mechanized	0	367	\$30.840	8.411	1.676	1.012	0.103	14.200	0.000
Manual	0	180	\$30.840	17.160	1.598	1.012	0.209	27.831	0.000
Incoming Primary (Package)									
Mechanized	0	367	\$30.840	8.411	1.676	1.012	0.103	14.200	0.000
Manual	0	222	\$30.840	13.910	1.598	1.012	0.170	22.396	0.000
Incoming Secondary (Package)									
Mechanized	0	367	\$30.840	8.411	1.676	1.012	0.103	14.200	0.000
Manual	0	431	\$30.840	7.156	1.598	1.012	0.087	11.522	0.000
Outgoing Primary (Piece)									
AFSM100 Auto	68	2,343	\$30.840	1.316	1.746	1.012	0.016	2.314	0.016
VCS Keying	4	395	\$20.409	5.167	1.459	1.012	0.063	7.601	0.003
FSM881 Auto	7	1,142	\$30.840	2.701	1.416	1.012	0.033	3.857	0.003
FSM1000 Auto	33	543	\$30.840	5.677	1.587	1.012	0.069	9.079	0.030
FSM1000 Keying	2	791	\$30.840	3.901	1.587	1.012	0.048	6.239	0.001
Manual	4	614	\$30.840	5.022	1.398	1.012	0.061	7.085	0.003
Outgoing Secondary (Piece)									
AFSM100 Auto	6	3,328	\$30.840	0.927	1.746	1.012	0.011	1.629	0.001
VCS Keying	0	395	\$20.409	5.167	1.459	1.012	0.063	7.601	0.000
FSM881 Auto	1	1,304	\$30.840	2.365	1.416	1.012	0.029	3.378	0.000
FSM1000 Auto	4	1,351	\$30.840	2.282	1.587	1.012	0.028	3.850	0.001
FSM1000 Keying	0	981	\$30.840	3.143	1.587	1.012	0.038	5.027	0.000
Manual	1	600	\$30.840	5.140	1.398	1.012	0.063	7.251	0.000
Incoming MMP (Piece)									
AFSM100 Auto	6,564	2,085	\$30.840	1.479	1.746	1.012	0.018	2.600	1.707
VCS Keying	402	395	\$20.409	5.167	1.459	1.012	0.063	7.601	0.306
FSM881 Auto	724	886	\$30.840	3.479	1.416	1.012	0.042	4.969	0.360
FSM1000 Auto	3,219	1,589	\$30.840	1.941	1.587	1.012	0.024	3.103	0.999
FSM1000 Keying	174	685	\$30.840	4.501	1.587	1.012	0.055	7.198	0.126
Manual	381	562	\$30.840	5.488	1.398	1.012	0.067	7.742	0.295
Incoming SCF (Piece)									
AFSM100 Auto	1,135	2,249	\$30.840	1.371	1.746	1.012	0.017	2.411	0.274
VCS Keying	70	395	\$20.409	5.167	1.459	1.012	0.063	7.601	0.053
FSM881 Auto	158	974	\$30.840	3.165	1.416	1.012	0.039	4.521	0.071
FSM1000 Auto	672	1,582	\$30.840	1.949	1.587	1.012	0.024	3.117	0.209
FSM1000 Keying	36	785	\$30.840	3.928	1.587	1.012	0.048	6.282	0.023
Manual	92	768	\$30.840	4.018	1.398	1.012	0.049	5.688	0.052
Incoming Primary (Piece)									
AFSM100 Auto	442	1,931	\$30.840	1.597	1.746	1.012	0.019	2.808	0.124
VCS Keying	27	395	\$20.409	5.167	1.459	1.012	0.063	7.601	0.021
FSM881 Auto	50	946	\$30.840	3.260	1.416	1.012	0.040	4.656	0.023
FSM1000 Auto	345	1,214	\$30.840	2.541	1.587	1.012	0.031	4.064	0.140
FSM1000 Keying	20	746	\$30.840	4.134	1.587	1.012	0.050	6.612	0.013
Manual	49	549	\$30.840	5.614	1.398	1.012	0.068	7.920	0.039
Incoming Secondary (Piece)									
AFSM100 Auto	4,041	2,305	\$30.840	1.336	1.746	1.012	0.016	2.352	0.950
VCS Keying	248	395	\$20.409	5.167	1.459	1.012	0.063	7.601	0.188
FSM881 Auto	408	953	\$30.840	3.237	1.416	1.012	0.039	4.623	0.189
FSM1000 Auto	0	1,650	\$30.840	1.869	1.587	1.012	0.023	2.989	0.000
FSM1000 Keying	0	878	\$30.840	3.511	1.587	1.012	0.043	5.615	0.000
Manual	5,657	594	\$30.840	5.189	1.398	1.012	0.063	7.320	4.141

(10)
MODEL COST = **11.378**

(1) Values From Page 17
 (2) Values From Page 26
 (3) Values From Page 26
 (4) $[(3) * (100 \text{ cents/dollar})] / (2)$
 (5) Values From Page 27

(6) Values From Page 26
 (7) $[(6) - 1] * (4)$
 (8) $(4) * (5) + (7)$
 (9) $(1) * (8) / 10,000 \text{ Pieces}$
 (10) Sum (9)

**3-DIGIT AUTO PRESORT
COST SHEET**

	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
<u>Operation</u>	<u>Volume</u>	<u>Packages or Pieces Per Hour</u>	<u>Wage Rate</u>	<u>Direct Cents Per Piece</u>	<u>Piggyback Factor</u>	<u>Premium Pay Factor</u>	<u>Premium Pay Adjust</u>	<u>Total Cents Per Piece</u>	<u>Weighted Cents Per Piece</u>
Outgoing Primary (Package)									
Mechanized	280	367	\$30.840	8.411	1.676	1.012	0.103	14.200	0.398
Manual	98	80	\$30.840	38.723	1.598	1.012	0.472	62.350	0.614
Incoming MMP (Package)									
Mechanized	223	367	\$30.840	8.411	1.676	1.012	0.103	14.200	0.317
Manual	56	180	\$30.840	17.160	1.598	1.012	0.209	27.631	0.154
Incoming Primary (Package)									
Mechanized	127	367	\$30.840	8.411	1.676	1.012	0.103	14.200	0.181
Manual	52	222	\$30.840	13.910	1.598	1.012	0.170	22.396	0.116
Incoming Secondary (Package)									
Mechanized	0	367	\$30.840	8.411	1.676	1.012	0.103	14.200	0.000
Manual	0	431	\$30.840	7.156	1.598	1.012	0.087	11.522	0.000
Outgoing Primary (Piece)									
AFSM100 Auto	68	2,343	\$30.840	1.316	1.746	1.012	0.016	2.314	0.016
VCS Keying	4	395	\$20.409	5.167	1.459	1.012	0.063	7.601	0.003
FSM881 Auto	7	1,142	\$30.840	2.701	1.416	1.012	0.033	3.857	0.003
FSM1000 Auto	33	543	\$30.840	5.677	1.587	1.012	0.069	9.079	0.030
FSM1000 Keying	2	791	\$30.840	3.901	1.587	1.012	0.048	6.239	0.001
Manual	4	614	\$30.840	5.022	1.398	1.012	0.061	7.085	0.003
Outgoing Secondary (Piece)									
AFSM100 Auto	6	3,328	\$30.840	0.927	1.746	1.012	0.011	1.629	0.001
VCS Keying	0	395	\$20.409	5.167	1.459	1.012	0.063	7.601	0.000
FSM881 Auto	1	1,304	\$30.840	2.365	1.416	1.012	0.029	3.378	0.000
FSM1000 Auto	4	1,351	\$30.840	2.282	1.587	1.012	0.028	3.650	0.001
FSM1000 Keying	0	981	\$30.840	3.143	1.587	1.012	0.038	5.027	0.000
Manual	1	600	\$30.840	5.140	1.398	1.012	0.063	7.251	0.000
Incoming MMP (Piece)									
AFSM100 Auto	522	2,085	\$30.840	1.479	1.746	1.012	0.018	2.600	0.136
VCS Keying	32	395	\$20.409	5.167	1.459	1.012	0.063	7.601	0.024
FSM881 Auto	58	886	\$30.840	3.479	1.416	1.012	0.042	4.968	0.029
FSM1000 Auto	252	1,589	\$30.840	1.941	1.587	1.012	0.024	3.103	0.078
FSM1000 Keying	14	685	\$30.840	4.501	1.587	1.012	0.055	7.198	0.010
Manual	32	562	\$30.840	5.488	1.398	1.012	0.067	7.742	0.025
Incoming SCF (Piece)									
AFSM100 Auto	105	2,249	\$30.840	1.371	1.746	1.012	0.017	2.411	0.025
VCS Keying	6	395	\$20.409	5.167	1.459	1.012	0.063	7.601	0.005
FSM881 Auto	14	974	\$30.840	3.165	1.416	1.012	0.039	4.521	0.006
FSM1000 Auto	60	1,582	\$30.840	1.949	1.587	1.012	0.024	3.117	0.019
FSM1000 Keying	3	785	\$30.840	3.929	1.587	1.012	0.048	6.282	0.002
Manual	9	768	\$30.840	4.018	1.398	1.012	0.049	5.668	0.005
Incoming Primary (Piece)									
AFSM100 Auto	5,760	1,931	\$30.840	1.597	1.746	1.012	0.019	2.808	1.617
VCS Keying	353	395	\$20.409	5.167	1.459	1.012	0.063	7.601	0.268
FSM881 Auto	629	946	\$30.840	3.260	1.416	1.012	0.040	4.656	0.293
FSM1000 Auto	2,815	1,214	\$30.840	2.541	1.587	1.012	0.031	4.064	1.144
FSM1000 Keying	163	746	\$30.840	4.134	1.587	1.012	0.050	6.612	0.107
Manual	354	549	\$30.840	5.614	1.398	1.012	0.068	7.920	0.280
Incoming Secondary (Piece)									
AFSM100 Auto	4,045	2,305	\$30.840	1.338	1.746	1.012	0.016	2.352	0.951
VCS Keying	248	395	\$20.409	5.167	1.459	1.012	0.063	7.601	0.188
FSM881 Auto	415	953	\$30.840	3.237	1.416	1.012	0.039	4.623	0.192
FSM1000 Auto	0	1,650	\$30.840	1.869	1.587	1.012	0.023	2.989	0.000
FSM1000 Keying	0	878	\$30.840	3.511	1.587	1.012	0.043	5.615	0.000
Manual	5,647	584	\$30.840	5.188	1.398	1.012	0.063	7.320	4.133

(10)
MODEL COST = **11.379**

(1) Values From Page 19
 (2) Values From Page 25
 (3) Values From Page 26
 (4) $[(3) * (100 \text{ cents/dollar})] / (2)$
 (5) Values From Page 27

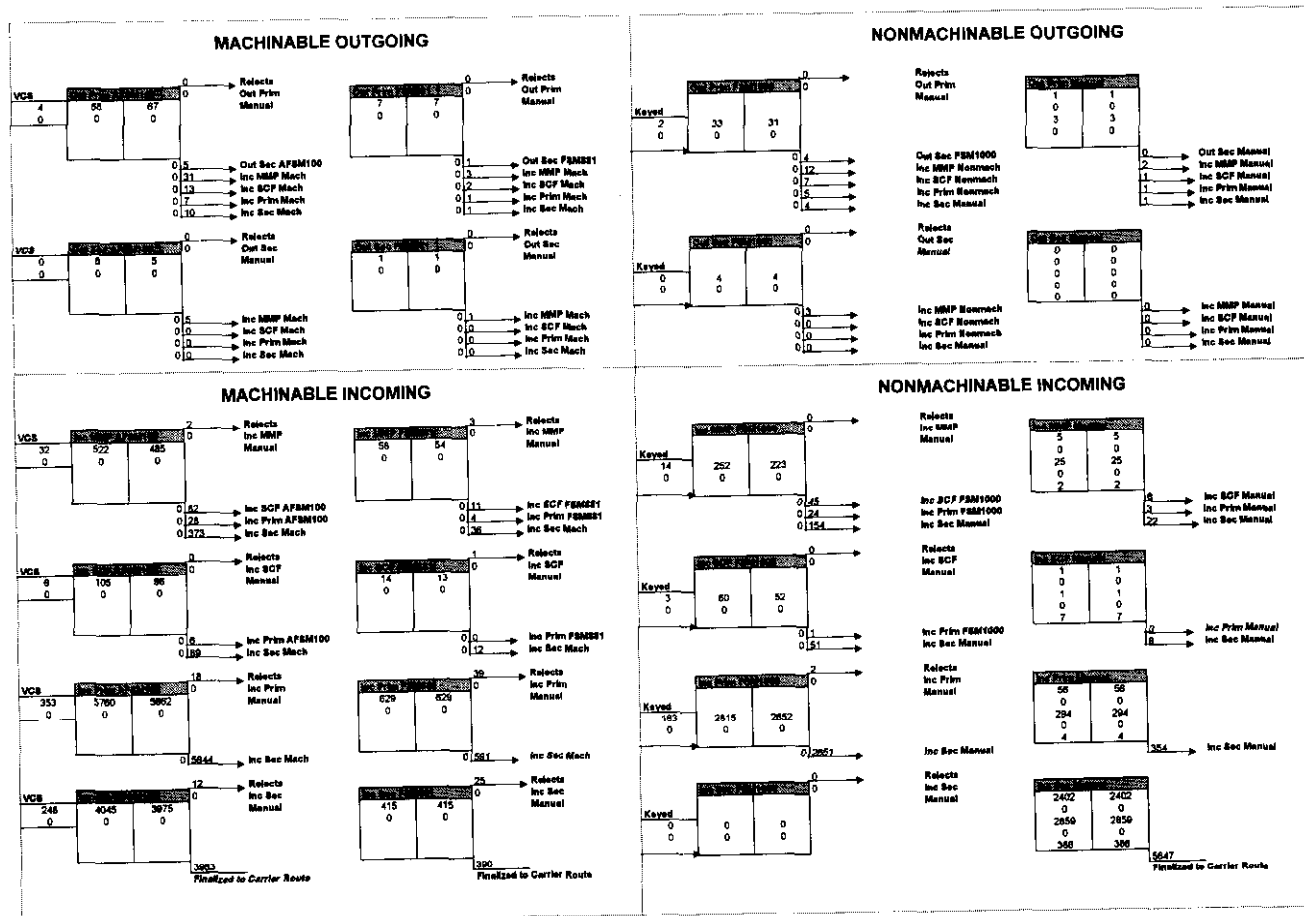
(6) Values From Page 26
 (7) $[(6) - 1] * (4)$
 (8) $(4) * (6) + (7)$
 (9) $(1) * (8) / 10,000 \text{ Pieces}$
 (10) Sum (9)

3-DIGIT AUTO PRESORT MAIL FLOW MODEL

PCS IN = 10000 PCS OUT = 10000

PIECE ENTRY POINTS:

BC Mach Out Prim	75	Non-BC Mach Out Prim	0	BC Nonmach Out Prim	35	Non-BC Nonmach Out Prim	0
BC Mach Out Sec	0	Non-BC Mach Out Sec	0	BC Nonmach Out Sec	0	Non-BC Nonmach Out Sec	0
BC Mach Inc MMF	500	Non-BC Mach Inc MMF	0	BC Nonmach Inc MMF	233	Non-BC Nonmach Inc MMF	0
BC Mach Inc SCF	0	Non-BC Mach Inc SCF	0	BC Nonmach Inc SCF	0	Non-BC Nonmach Inc SCF	0
BC Mach Inc Prim	5244	Non-BC Mach Inc Prim	0	BC Nonmach Inc Prim	2914	Non-BC Nonmach Inc Prim	0
BC Mach Inc Sec	0	Non-BC Mach Inc Sec	0	BC Nonmach Inc Sec	0	Non-BC Nonmach Inc Sec	0



**5-DIGIT AUTO PRESORT
COST SHEET**

	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
<u>Operation</u>	<u>Volume</u>	<u>Packages or Pieces Per Hour</u>	<u>Wage Rate</u>	<u>Direct Cents Per Piece</u>	<u>Piggyback Factor</u>	<u>Premium Pay Factor</u>	<u>Premium Pay Adjust</u>	<u>Total Cents Per Piece</u>	<u>Weighted Cents Per Piece</u>
Outgoing Primary (Package)									
Mechanized	4	367	\$30.840	8.411	1.676	1.012	0.103	14.200	0.006
Manual	1	80	\$30.840	38.723	1.598	1.012	0.472	62.350	0.009
Incoming MMP (Package)									
Mechanized	3	367	\$30.840	8.411	1.676	1.012	0.103	14.200	0.005
Manual	1	180	\$30.840	17.160	1.598	1.012	0.209	27.631	0.002
Incoming Primary (Package)									
Mechanized	282	387	\$30.840	8.411	1.676	1.012	0.103	14.200	0.400
Manual	127	222	\$30.840	13.910	1.598	1.012	0.170	22.398	0.284
Incoming Secondary (Package)									
Mechanized	0	367	\$30.840	8.411	1.676	1.012	0.103	14.200	0.000
Manual	0	431	\$30.840	7.156	1.598	1.012	0.087	11.522	0.000
Outgoing Primary (Piece)									
AFSM100 Auto	1	2,343	\$30.840	1.316	1.746	1.012	0.016	2.314	0.000
VCS Keying	0	395	\$20.409	5.167	1.459	1.012	0.063	7.601	0.000
FSM881 Auto	0	1,142	\$30.840	2.701	1.416	1.012	0.033	3.857	0.000
FSM1000 Auto	0	543	\$30.840	5.877	1.587	1.012	0.069	9.079	0.000
FSM1000 Keying	0	791	\$30.840	3.901	1.587	1.012	0.048	6.239	0.000
Manual	0	614	\$30.840	5.022	1.398	1.012	0.061	7.085	0.000
Outgoing Secondary (Piece)									
AFSM100 Auto	0	3,328	\$30.840	0.927	1.746	1.012	0.011	1.629	0.000
VCS Keying	0	395	\$20.409	5.167	1.459	1.012	0.063	7.601	0.000
FSM881 Auto	0	1,304	\$30.840	2.365	1.416	1.012	0.029	3.378	0.000
FSM1000 Auto	0	1,351	\$30.840	2.282	1.587	1.012	0.028	3.650	0.000
FSM1000 Keying	0	981	\$30.840	3.143	1.587	1.012	0.038	5.027	0.000
Manual	0	600	\$30.840	5.140	1.398	1.012	0.063	7.251	0.000
Incoming MMP (Piece)									
AFSM100 Auto	7	2,085	\$30.840	1.479	1.746	1.012	0.018	2.600	0.002
VCS Keying	0	395	\$20.409	5.167	1.459	1.012	0.063	7.601	0.000
FSM881 Auto	1	886	\$30.840	3.479	1.416	1.012	0.042	4.989	0.000
FSM1000 Auto	4	1,589	\$30.840	1.941	1.587	1.012	0.024	3.103	0.001
FSM1000 Keying	0	685	\$30.840	4.501	1.587	1.012	0.055	7.198	0.000
Manual	0	562	\$30.840	5.488	1.398	1.012	0.067	7.742	0.000
Incoming SCF (Piece)									
AFSM100 Auto	2	2,249	\$30.840	1.371	1.746	1.012	0.017	2.411	0.000
VCS Keying	0	395	\$20.409	5.167	1.459	1.012	0.063	7.601	0.000
FSM881 Auto	0	974	\$30.840	3.165	1.416	1.012	0.039	4.521	0.000
FSM1000 Auto	1	1,582	\$30.840	1.949	1.587	1.012	0.024	3.117	0.000
FSM1000 Keying	0	785	\$30.840	3.928	1.587	1.012	0.048	6.282	0.000
Manual	0	768	\$30.840	4.018	1.398	1.012	0.049	5.668	0.000
Incoming Primary (Piece)									
AFSM100 Auto	71	1,931	\$30.840	1.597	1.746	1.012	0.019	2.808	0.020
VCS Keying	4	395	\$20.409	5.167	1.459	1.012	0.063	7.601	0.003
FSM881 Auto	8	946	\$30.840	3.260	1.416	1.012	0.040	4.656	0.004
FSM1000 Auto	35	1,214	\$30.840	2.541	1.587	1.012	0.031	4.064	0.014
FSM1000 Keying	2	746	\$30.840	4.134	1.587	1.012	0.050	6.612	0.001
Manual	4	549	\$30.840	5.614	1.398	1.012	0.068	7.920	0.003
Incoming Secondary (Piece)									
AFSM100 Auto	4,058	2,305	\$30.840	1.338	1.746	1.012	0.016	2.352	0.954
VCS Keying	249	395	\$20.409	5.167	1.459	1.012	0.063	7.601	0.189
FSM881 Auto	443	953	\$30.840	3.237	1.416	1.012	0.039	4.623	0.205
FSM1000 Auto	0	1,650	\$30.840	1.869	1.587	1.012	0.023	2.989	0.000
FSM1000 Keying	0	878	\$30.840	3.511	1.587	1.012	0.043	5.615	0.000
Manual	5,808	594	\$30.840	5.189	1.398	1.012	0.063	7.320	4.105

(10)
MODEL COST = **6.211**

(1) Values From Page 21
 (2) Values From Page 25
 (3) Values From Page 26
 (4) [(3) * (100 cents/dollar)] / (2)
 (5) Values From Page 27

(6) Values From Page 26
 (7) [(6) - 1] * (4)
 (8) (4) * (6) + (7)
 (9) (1) * (8) / 10,000 Pieces
 (10) Sum (9)

5-DIGIT AUTO PRESORT MAIL FLOW MODEL

PCS IN =

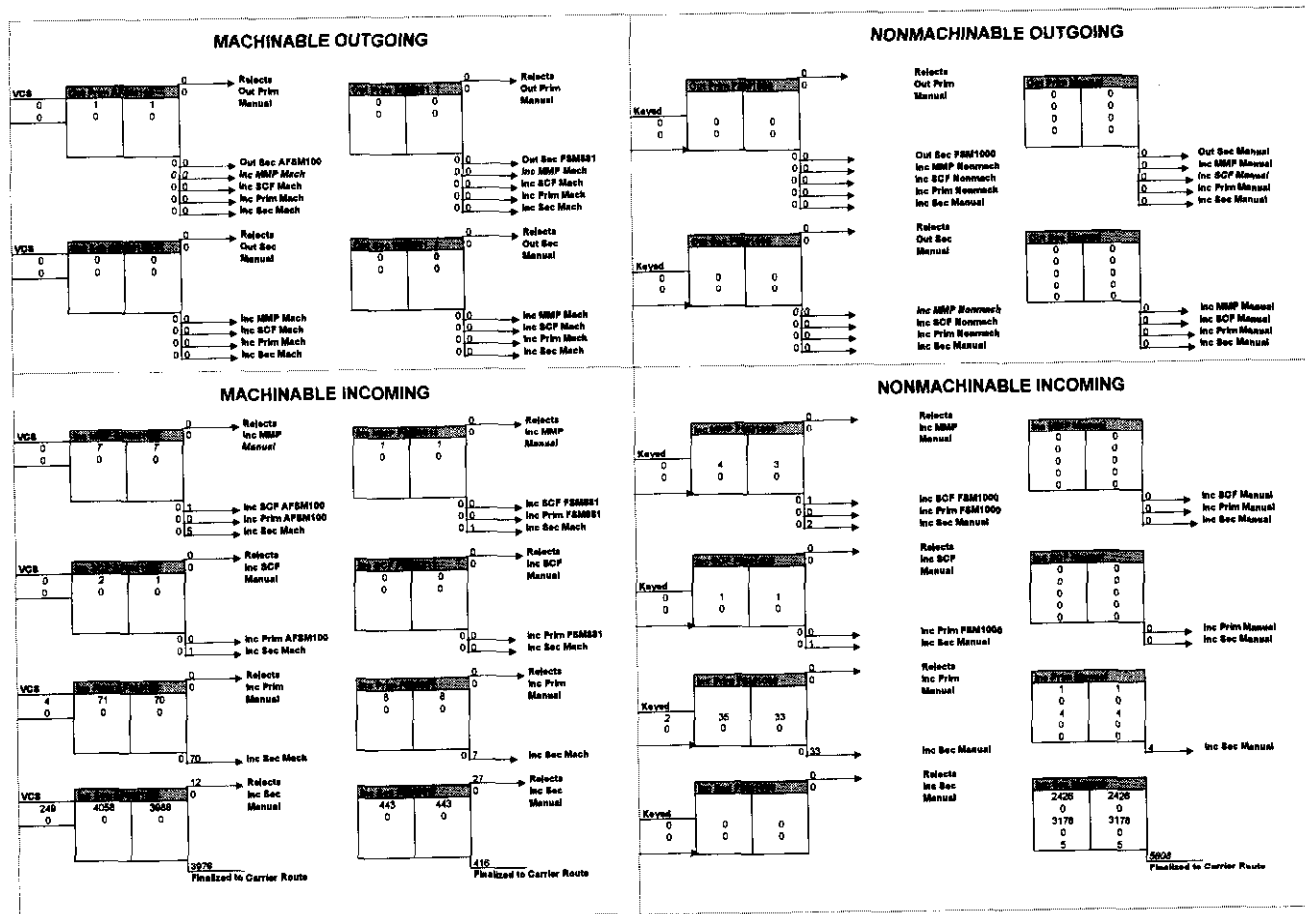
10000

PCS OUT =

10000

PIECE ENTRY POINTS:

BC Mach Out Prim	1	Non-BC Mach Out Prim	0	BC Nonmach Out Prim	1	Non-BC Nonmach Out Prim	0
BC Mach Out Sec	0	Non-BC Mach Out Sec	0	BC Nonmach Out Sec	0	Non-BC Nonmach Out Sec	0
BC Mach Inc MMP	7	Non-BC Mach Inc MMP	0	BC Nonmach Inc MMP	3	Non-BC Nonmach Inc MMP	0
BC Mach Inc SCF	0	Non-BC Mach Inc SCF	0	BC Nonmach Inc SCF	0	Non-BC Nonmach Inc SCF	0
BC Mach Inc Prim	77	Non-BC Mach Inc Prim	0	BC Nonmach Inc Prim	35	Non-BC Nonmach Inc Prim	0
BC Mach Inc Sec	673	Non-BC Mach Inc Sec	0	BC Nonmach Inc Sec	3142	Non-BC Nonmach Inc Sec	0



FLATS ACCEPT/FINALIZATION RATES

<u>EQUIPMENT</u>	<u>OP</u>	(1) (BARCODE) <u>BCR</u>	(1) (NO BARCODE) <u>OCR</u>	(2) <u>KEYING</u>	(2) <u>REFED</u> <u>MISFACED/</u> <u>VCS TIME OUT</u>	(1) <u>VCS IMAGE</u> <u>FINALIZATION</u> <u>RATE</u>	(2) <u>TOTAL</u> <u>ACCEPT</u> <u>RATE</u>
<u>SPBS/LIPS</u>	<u>NO</u>	<u>ACCEPT</u>	<u>ACCEPT</u>	<u>ACCEPT</u>			
	All	---	---	---	---	---	98.70%
	Outgoing						
	All	---	---	---	---	---	98.22%
	Incoming						
AFSM100	331	93.87%	73.63%	---	1.40%	95.00%	93.32%
	332	93.87%	73.63%	---	1.88%	95.00%	93.90%
	333	93.87%	73.63%	---	2.56%	95.00%	94.99%
	334	93.87%	73.63%	---	1.74%	95.00%	94.84%
FSM881	421	93.87%	73.63%	---	---	---	---
	422	93.87%	73.63%	---	---	---	---
	423	93.87%	73.63%	---	---	---	---
	424	93.87%	73.63%	---	---	---	---
FSM1000	441/461	93.87%	73.63%	99.55%	---	---	---
	442/462	93.87%	73.63%	98.58%	---	---	---
	443/463	93.87%	73.63%	99.48%	---	---	---
	444/464	93.87%	73.63%	98.98%	---	---	---

(1) Engineering Estimates
(2) USPS LR-J-63, page 15

PIECE DISTRIBUTION MAIL FLOW DENSITY TABLES SUMMARY

Source: USPS LR-J-63, page 14

<u>EQUIPMENT</u>	<u>OP NO</u>	<u>OP</u>	<u>OS</u>	<u>MMP</u>	<u>SCF</u>	<u>IP</u>	<u>IS</u>	<u>TOTAL</u>
AFSM100	331	0.00%	7.94%	46.85%	20.13%	10.78%	14.30%	100.00%
	332	0.00%	2.38%	93.55%	4.83%	1.60%	0.02%	100.00%
	333	0.00%	0.00%	4.97%	16.91%	5.88%	77.21%	100.00%
	334	0.00%	0.00%	0.00%	7.02%	6.70%	93.30%	100.00%
FSM881	141/421	0.00%	10.36%	39.85%	31.50%	11.03%	7.26%	100.00%
	142/422	0.00%	2.99%	89.95%	4.60%	5.45%	0.00%	100.00%
	143/423	0.00%	0.00%	6.77%	22.29%	7.36%	70.35%	100.00%
	144/424	0.00%	0.00%	0.00%	9.04%	1.93%	98.07%	100.00%
FSM1000	441/461	0.00%	11.54%	37.77%	23.18%	15.22%	12.30%	100.00%
	442/462	0.00%	6.80%	75.22%	10.37%	7.04%	7.37%	100.00%
	443/463	0.00%	0.00%	6.99%	20.31%	10.78%	68.91%	100.00%
	444/464	0.00%	0.00%	0.00%	8.75%	2.30%	97.70%	100.00%
Manual	060	0.00%	11.54%	37.77%	23.18%	15.22%	12.30%	100.00%
	070	0.00%	0.00%	75.22%	10.37%	7.04%	7.37%	100.00%
	073	0.00%	0.00%	0.00%	20.31%	10.78%	68.91%	100.00%
	074	0.00%	0.00%	0.00%	0.00%	2.30%	97.70%	100.00%

FLATS COVERAGE FACTORS

Originating Flats	First-Class	Periodicals	Standard	<u>Source</u>
AFSM100	90.00%	87.00%	89.00%	Docket No. R2000-1, USPS LR-I-90
FSM1000	90.00%	87.00%	89.00%	Docket No. R2000-1, USPS LR-I-90
Destinating Flats				
AFSM100	90.00%	88.00%	88.00%	Docket No. R2000-1, USPS LR-I-90
FSM1000	90.00%	88.00%	88.00%	Docket No. R2000-1, USPS LR-I-90
Incoming Secondary Machinable Flats				
AFSM100/FSM881	65.00%	65.00%	65.00%	Operations estimate
Manual	35.00%	35.00%	35.00%	Operations estimate
ADC Tray Percent	35.00%			Docket No. R97-1, USPS LR-H-185 Page 17

FLATS OPERATION PRODUCTIVITIES

Description	(1) Variability Factor	(2) MODS Productivity	Productivity Source	(3) Marginal Productivity
Mechanized Pkg Sort	66%	242	USPS LR-J-56	367
Manual Pkg Sort Out MADC	95%	76	Docket No. R2000-1, USPS LR-I-88	80
Manual Pkg Sort Inc ADC	95%	171	Docket No. R2000-1, USPS LR-I-88	180
Manual Pkg Sort Inc Primary	95%	211	Docket No. R2000-1, USPS LR-I-88	222
Manual Pkg Sort Inc Secondary	95%	409	Docket No. R2000-1, USPS LR-I-88	431
Flats VCS Keying	100%	395	MODS FY 2001 AP 10 YTD	395
AFSM100 Outgoing Primary	74%	1734	MODS FY 2001 AP 10 YTD	2343
AFSM100 Outgoing Secondary	74%	2463	MODS FY 2001 AP 10 YTD	3328
AFSM100 Incoming MMP	74%	1543	MODS FY 2001 AP 10 YTD	2085
AFSM100 Incoming SCF	74%	1664	MODS FY 2001 AP 10 YTD	2249
AFSM100 Incoming Primary	74%	1429	MODS FY 2001 AP 10 YTD	1931
AFSM100 Incoming Secondary	74%	1706	MODS FY 2001 AP 10 YTD	2305
FSM881 BCR/OCR Outgoing Primary	74%	845	USPS LR-J-56	1142
FSM881 BCR/OCR Outgoing Secondary	74%	965	USPS LR-J-56	1304
FSM881 BCR/OCR Incoming MMP	74%	656	USPS LR-J-56	886
FSM881 BCR/OCR Incoming SCF	74%	721	USPS LR-J-56	974
FSM881 BCR/OCR Incoming Primary	74%	700	USPS LR-J-56	946
FSM881 BCR/OCR Incoming Secondary	74%	705	USPS LR-J-56	953
FSM1000 BCR/OCR Outgoing Primary	74%	402	USPS LR-J-56	543
FSM1000 BCR/OCR Outgoing Secondary	74%	1000	USPS LR-J-56	1351
FSM1000 BCR/OCR Incoming MMP	74%	1176	USPS LR-J-56	1589
FSM1000 BCR/OCR Incoming SCF	74%	1171	USPS LR-J-56	1582
FSM1000 BCR/OCR Incoming Primary	74%	898	USPS LR-J-56	1214
FSM1000 BCR/OCR Incoming Secondary	74%	1221	USPS LR-J-56	1650
FSM1000 Key Outgoing Primary	74%	585	USPS LR-J-56	791
FSM1000 Key Outgoing Secondary	74%	726	USPS LR-J-56	981
FSM1000 Key Incoming MMP	74%	507	USPS LR-J-56	685
FSM1000 Key Incoming SCF	74%	581	USPS LR-J-56	785
FSM1000 Key Incoming Primary	74%	552	USPS LR-J-56	746
FSM1000 Key Incoming Secondary	74%	650	USPS LR-J-56	878
Manual Outgoing Primary	71%	436	USPS LR-J-56	614
Manual Outgoing Secondary	71%	426	USPS LR-J-56	600
Manual Incoming MMP	71%	399	USPS LR-J-56	562
Manual Incoming SCF	71%	545	USPS LR-J-56	768
Manual Incoming Primary	71%	390	USPS LR-J-56	549
Manual Incoming Secondary	71%	422	USPS LR-J-56	594

(1) USPS-T-13, Table 1

(2) MODS Productivity

(3) (2) / (1)

FLATS WAGE RATES

<u>Description</u>	<u>Source</u>	<u>Wage Rate</u>
LDC 15 (Remote Encoding Centers/Video Coding System)	USPS LR-J-50	\$20.409
Other Mail Processing	USPS LR-J-50	\$30.840
First-Class Premium Pay Adjustment Factor	USPS LR-J-52	1.012
Periodicals Premium Pay Adjustment Factor	USPS LR-J-52	1.019
Standard Premium Pay Adjustment Factor	USPS LR-J-52	0.997

FLATS PIGGYBACK FACTORS

<u>Description</u>	Piggyback	
	<u>Factor</u>	<u>Source</u>
Mechanized Bundles (MODS 13 SPBS OTH)	1.676	USPS LR-J-53
Manual Bundles (MODS 17 POUCHING)	1.598	USPS LR-J-53
AFSM100	1.746	USPS LR-J-52
VCS Keying (LDC15)	1.459	USPS LR-J-53
FSM881	1.416	USPS LR-J-52
FSM1000	1.587	USPS LR-J-52
Manual (MODS 14 MANF)	1.398	USPS LR-J-53

FIRST-CLASS FLATS ENTRY PROFILE

Rate Category	Container Present	Footcandle Present	Automation Compatible	Machinability	Pallet Prod Footcandle	Sort Prod Footcandle	Pieces Entered			Outgoing Primary Mech	Outgoing Primary Man	Broken	Finalized	Incoming MWP Mech	Incoming MWP Man	Broken	Finalized	Incoming Primary Mech	Incoming Primary Man	Broken	Finalized	Incoming Secondary Mech	Incoming Secondary Man	Broken	Finalized	Total Broken	Total Finalized	Total Pieces Processed	
							Pallet	Sort	Total																				
Nonauto	MADC	MADC	Nonbarcoded	Nonmachinable	35.40	16.29	297	0	297	317	178	4	392	0	0	0	0	0	0	0	0	0	0	0	4	382	397		
		MADC	Nonbarcoded	Machinable	25.33	21.33	352	0	352	282	159	4	349	0	0	0	0	0	0	0	0	0	0	0	4	349	352		
		ADC	Nonbarcoded	Nonmachinable	35.40	16.29	78	0	78	82	22	1	79	0	0	0	0	0	0	0	0	0	0	0	1	78	79		
		ADC	Nonbarcoded	Machinable	25.33	21.33	70	0	70	36	19	1	99	0	0	0	0	0	0	0	0	0	0	0	16	176	192		
		3-Digit	Nonbarcoded	Nonmachinable	35.40	16.29	192	0	192	151	53	2	49	120	30	14	127	0	0	0	0	0	0	0	14	156	171		
		3-Digit	Nonbarcoded	Machinable	25.33	21.33	171	0	171	134	47	2	43	107	27	13	113	0	0	0	0	0	0	0	3	27	30		
		5-Digit	Nonbarcoded	Nonmachinable	35.40	16.29	30	0	30	24	8	0	4	16	4	2	13	7	3	1	7	0	0	0	3	24	27		
		5-Digit	Nonbarcoded	Machinable	25.33	21.33	27	0	27	21	7	0	4	16	4	2	13	7	0	30	0	0	0	0	0	0	27	27	
	ADC	ADC	Nonbarcoded	Nonmachinable	35.40	16.29	30	0	30	0	0	0	0	23	5	0	27	0	0	0	0	0	0	0	0	4	322	326	
		ADC	Nonbarcoded	Machinable	25.33	21.33	27	0	27	0	0	0	0	276	69	4	322	0	0	0	0	0	0	0	0	3	296	299	
		3-Digit	Nonbarcoded	Nonmachinable	35.40	16.29	289	0	289	0	0	0	0	15	4	0	13	4	2	0	4	0	0	0	0	1	17	18	
		3-Digit	Nonbarcoded	Machinable	25.33	21.33	16	0	16	0	0	0	0	0	0	0	12	3	1	0	4	0	0	0	25	2213	2237		
		5-Digit	Nonbarcoded	Nonmachinable	35.40	16.29	2237	0	2237	0	0	0	0	0	0	0	1783	720	25	2213	0	0	0	0	22	1966	1968		
		5-Digit	Nonbarcoded	Machinable	25.33	21.33	1858	0	1858	0	0	0	0	0	0	0	1431	643	20	1783	0	0	0	0	20	1783	1858		
	3-Digit	3-Digit	Nonbarcoded	Nonmachinable	35.40	16.29	1803	0	1803	0	0	0	0	0	0	0	1272	571	18	1585	0	0	0	0	0	0	0	183	0
		3-Digit	Nonbarcoded	Machinable	25.33	21.33	1802	0	1802	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	183	0
		5-Digit	Nonbarcoded	Nonmachinable	35.40	16.29	183	0	183	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	183	0
		5-Digit	Nonbarcoded	Machinable	25.33	16.29	183	0	183	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	183	0
		5-Digit	Nonbarcoded	Nonmachinable	35.40	16.29	183	0	183	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	183	0
		5-Digit	Nonbarcoded	Machinable	25.33	16.29	183	0	183	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	183	0
							10608	0	10608	1946	684	14	967	883	216	28	967	883	2584	97	7871	0	0	0	140	9614	140%		
Basic Auto	MADC	ADC	Barcoded	Nonmachinable	35.40	16.29	3182	0	3182	2486	877	35	3147	0	0	0	0	0	0	0	0	0	0	0	0	35	3147	3182	
		ADC	Barcoded	Machinable	25.33	21.33	6818	0	6818	5348	1879	75	6743	0	0	0	0	0	0	0	0	0	0	0	0	75	6743	6818	
								10608	0	10608	7844	2764	110	9639	0	0	0	0	0	0	0	0	9	110	9639	10608	1.10%		
	3-Digit Auto	MADC	3-Digit	Barcoded	Nonmachinable	35.40	16.29	3188	0	3188	2484	873	35	3147	0	0	0	0	0	0	0	0	0	0	0	0	35	3147	3188
3-Digit			Barcoded	Machinable	25.33	21.33	6784	0	6784	5322	1870	75	6715	0	0	0	0	0	0	0	0	0	0	0	0	75	6715	6784	
3-Digit		3-Digit	Barcoded	Nonmachinable	35.40	16.29	16	0	16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	16	16	
		3-Digit	Barcoded	Machinable	25.33	21.33	34	0	34	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	34	34	
							10080	0	10080	7806	2742	109	2818	8213	1683	733	2149	3542	1447	446	4049	0	0	0	0	1287	8715	10080	
6-Digit Auto	MADC	5-Digit	Barcoded	Nonmachinable	35.40	16.29	47	0	47	37	13	1	8	28	7	3	22	11	5	1	13	0	0	0	0	5	42	47	
		5-Digit	Barcoded	Machinable	25.33	21.33	101	0	101	79	28	1	14	81	15	7	45	25	11	3	28	0	0	0	0	11	90	101	
		5-Digit	Barcoded	Nonmachinable	35.40	16.29	3135	0	3135	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	34	3100	3135	
		5-Digit	Barcoded	Machinable	25.33	21.33	6717	0	6717	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	74	6543	6717	
		5-Digit	Barcoded	Nonmachinable	35.40	16.29	6717	0	6717	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	126	9679	10080	
		5-Digit	Barcoded	Machinable	25.33	21.33	10008	0	10008	118	41	2	29	89	23	16	78	7884	3628	113	3786	0	0	0	0	113	3786	10008	1.25%

Rate Category	Control Point	Predictor Present	Automation Oversight	Reachability	Pallet		Package Entry		Outlines Primary Mach	Outlines Primary Man	Broken	Finalized	Inventory Mfg Mach	Inventory Mfg Man	Broken	Finalized	Inventory Primary Mach	Inventory Primary Man	Broken	Finalized	Inventory Secondary Mach	Inventory Secondary Man	Broken	Finalized	Total Packages Processed		
					Feed	Preload	Stack	Total																			
Basic Rate	Barcode	MOC	Barcode	Nonreachable	35.40	16.29	11	0	15	0	5	0	0	0	0	0	0	0	0	0	0	0	0	0	11	11	
		MOC	Barcode	Nonreachable	29.33	21.33	14	0	14	0	11	0	0	0	0	0	0	0	0	0	0	0	0	0	14	14	
		MOC	Barcode	Nonreachable	38.40	18.29	2	0	2	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2	
		AOC	Barcode	Nonreachable	32.30	21.33	5	0	5	0	4	1	0	0	0	0	0	0	0	0	0	0	0	0	3	3	
		AOC	Barcode	Nonreachable	31.30	21.33	2	0	2	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2	
		3-Digit	Barcode	Nonreachable	32.30	21.33	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
		3-Digit	Barcode	Nonreachable	25.33	21.33	7	0	7	0	5	2	0	0	0	0	0	0	0	0	0	0	0	0	6	6	
		5-Digit	Barcode	Nonreachable	35.40	18.29	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	
		5-Digit	Barcode	Nonreachable	29.33	21.33	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	
		5-Digit	Barcode	Nonreachable	35.40	21.33	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	
3-Digit Rate	Barcode	MOC	Barcode	Nonreachable	35.40	16.29	9	0	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	9	9	
		MOC	Barcode	Nonreachable	35.40	21.33	11	0	11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	11	11	
		MOC	Barcode	Nonreachable	35.40	16.29	9	0	10	0	6	2	0	0	0	0	0	0	0	0	0	0	0	0	9	9	
		3-Digit	Barcode	Nonreachable	35.40	21.33	11	0	11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	11	11	
		3-Digit	Barcode	Nonreachable	35.40	16.29	9	0	10	0	6	2	0	0	0	0	0	0	0	0	0	0	0	0	9	9	
		3-Digit	Barcode	Nonreachable	35.40	21.33	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	
		3-Digit	Barcode	Nonreachable	35.40	16.29	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	
		3-Digit	Barcode	Nonreachable	35.40	21.33	63	0	63	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	63	63	
		3-Digit	Barcode	Nonreachable	35.40	16.29	78	0	79	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	79	79	
		3-Digit	Barcode	Nonreachable	35.40	21.33	51	0	51	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	51	51	
5-Digit Rate	Barcode	MOC	Barcode	Nonreachable	35.40	16.29	51	0	51	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	51	51	
		MOC	Barcode	Nonreachable	35.40	21.33	63	0	63	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	63	63	
		MOC	Barcode	Nonreachable	35.40	16.29	5	0	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	5	
		3-Digit	Barcode	Nonreachable	35.40	21.33	6	0	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6	6	
		3-Digit	Barcode	Nonreachable	35.40	16.29	6	0	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6	6	
		3-Digit	Barcode	Nonreachable	35.40	21.33	6	0	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6	6	
		3-Digit	Barcode	Nonreachable	35.40	16.29	6	0	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6	6	
		3-Digit	Barcode	Nonreachable	35.40	21.33	285	0	288	0	35	29	7	1	62	205	67	2	204	0	0	0	0	0	319	319	
		3-Digit	Barcode	Nonreachable	35.40	16.29	30	0	30	0	89	0	0	0	0	0	0	0	0	0	0	0	0	0	0	89	89
		3-Digit	Barcode	Nonreachable	29.33	21.33	369	0	369	0	295	0	0	0	0	0	0	0	0	0	0	0	0	0	0	295	295
3-Digit Rate	Barcode	MOC	Barcode	Nonreachable	35.40	16.29	369	0	369	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	369	369	
		MOC	Barcode	Nonreachable	35.40	21.33	369	0	369	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	369	369	
		MOC	Barcode	Nonreachable	35.40	16.29	369	0	369	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	369	369	
		3-Digit	Barcode	Nonreachable	35.40	21.33	369	0	369	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	369	369
		3-Digit	Barcode	Nonreachable	35.40	16.29	369	0	369	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	369	369
		3-Digit	Barcode	Nonreachable	35.40	21.33	369	0	369	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	369	369
		3-Digit	Barcode	Nonreachable	35.40	16.29	369	0	369	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	369	369
		3-Digit	Barcode	Nonreachable	35.40	21.33	369	0	369	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	369	369
		3-Digit	Barcode	Nonreachable	35.40	16.29	369	0	369	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	369	369
		3-Digit	Barcode	Nonreachable	35.40	21.33	369	0	369	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	369	369
5-Digit Rate	Barcode	MOC	Barcode	Nonreachable	35.40	16.29	1	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	
		MOC	Barcode	Nonreachable	35.40	21.33	4	0	4	0	1	2	1	0	0	0	0	0	0	0	0	0	0	0	4	4	
		MOC	Barcode	Nonreachable	35.40	16.29	89	0	89	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	89	89	
		3-Digit	Barcode	Nonreachable	35.40	21.33	265	0	265	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	265	265	
		3-Digit	Barcode	Nonreachable	35.40	16.29	265	0	265	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	265	265	
		3-Digit	Barcode	Nonreachable	35.40	21.33	265	0	265	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	265	265	
		3-Digit	Barcode	Nonreachable	35.40	16.29	265	0	265	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	265	265	
		3-Digit	Barcode	Nonreachable	35.40	21.33	265	0	265	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	265	265	
		3-Digit	Barcode	Nonreachable	35.40	16.29	265	0	265	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	265	265	
		3-Digit	Barcode	Nonreachable	35.40	21.33	265	0	265	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	265	265	

FIRST-CLASS FLATS FY2000 VOLUMES

	First-Class	Source
Nonautomation	246,564,471	USPS LR-J-98
Basic Automation	59,473,841	USPS LR-J-98
3-Digit Automation	30,327,037	USPS LR-J-98
5-Digit Automation	<u>247,361,713</u>	USPS LR-J-98
Total	583,727,062	

Rate Category	Container Presort	Package Presort	Automation Compatible	Machinability	First-Class Pallet Volume	Pallet Percent	First-Class Sack Volume	Sack Percent	First-Class Total Volume	
Nonauto	MADC	MADC	Nonbarcoded	Nonmachinable	9,778,340	3.97%	0	0.00%	9,778,340	
		MADC	Nonbarcoded	Machinable	8,689,316	3.52%	0	0.00%	8,689,316	
		ADC	Nonbarcoded	Nonmachinable	1,935,362	0.78%	0	0.00%	1,935,362	
		ADC	Nonbarcoded	Machinable	1,719,819	0.70%	0	0.00%	1,719,819	
		3-Digit	Nonbarcoded	Nonmachinable	4,739,259	1.92%	0	0.00%	4,739,259	
		3-Digit	Nonbarcoded	Machinable	4,211,442	1.71%	0	0.00%	4,211,442	
		5-Digit	Nonbarcoded	Nonmachinable	740,832	0.30%	0	0.00%	740,832	
		5-Digit	Nonbarcoded	Machinable	658,324	0.27%	0	0.00%	658,324	
		ADC	ADC	Nonbarcoded	Nonmachinable	748,763	0.30%	0	0.00%	748,763
			ADC	Nonbarcoded	Machinable	665,372	0.27%	0	0.00%	665,372
			3-Digit	Nonbarcoded	Nonmachinable	8,022,236	3.25%	0	0.00%	8,022,236
			3-Digit	Nonbarcoded	Machinable	7,128,791	2.89%	0	0.00%	7,128,791
			5-Digit	Nonbarcoded	Nonmachinable	439,423	0.18%	0	0.00%	439,423
			5-Digit	Nonbarcoded	Machinable	390,484	0.16%	0	0.00%	390,484
	3-Digit	3-Digit	Nonbarcoded	Nonmachinable	55,162,588	22.37%	0	0.00%	55,162,588	
		3-Digit	Nonbarcoded	Machinable	49,019,076	19.88%	0	0.00%	49,019,076	
		5-Digit	Nonbarcoded	Nonmachinable	44,463,366	18.03%	0	0.00%	44,463,366	
		5-Digit	Nonbarcoded	Machinable	39,511,436	16.02%	0	0.00%	39,511,436	
		5-Digit	5-Digit	Nonbarcoded	Nonmachinable	4,521,926	1.83%	0	0.00%	4,521,926
			5-Digit	Nonbarcoded	Machinable	4,018,315	1.63%	0	0.00%	4,018,315
					246,564,471	100.00%	0	0.00%	246,564,471	
Basic Auto	MADC	ADC	Barcoded	Nonmachinable	18,924,549	31.82%	0	0.00%	18,924,549	
		ADC	Barcoded	Machinable	40,549,292	68.18%	0	0.00%	40,549,292	
					59,473,841	100.00%	0	0.00%	59,473,841	
3-Digit Auto	MADC	3-Digit	Barcoded	Nonmachinable	9,602,398	31.66%	0	0.00%	9,602,398	
		3-Digit	Barcoded	Machinable	20,574,887	67.84%	0	0.00%	20,574,887	
		3-Digit	Barcoded	Nonmachinable	47,651	0.16%	0	0.00%	47,651	
		3-Digit	Barcoded	Machinable	102,101	0.34%	0	0.00%	102,101	
					30,327,037	100.00%	0	0.00%	30,327,037	
5-Digit Auto	MADC	5-Digit	Barcoded	Nonmachinable	1,165,381	0.47%	0	0.00%	1,165,381	
		5-Digit	Barcoded	Machinable	2,497,042	1.01%	0	0.00%	2,497,042	
	3-Digit	5-Digit	Barcoded	Nonmachinable	77,545,004	31.35%	0	0.00%	77,545,004	
		5-Digit	Barcoded	Machinable	166,154,286	67.17%	0	0.00%	166,154,286	
					247,361,713	100.00%	0	0.00%	247,361,713	
Grand Total					583,727,062		0		583,727,062	

FIRST-CLASS FLATS FY98 VOLUMES

Source: Docket No. R2000-1, USPS LR-1-90

Rate Category	Container Presort	Package Presort	Automation Compatible	Machinability	First-Class Pallet Volume	First-Class Sack Volume	First-Class Total Volume	Percent	
Nonauto	MADC	MADC	Nonbarcoded	Nonmachinable	9,441,106	0	9,441,106	3.97%	
		MADC	Nonbarcoded	Machinable	8,389,640	0	8,389,640	3.52%	
		ADC	Nonbarcoded	Nonmachinable	1,868,616	0	1,868,616	0.78%	
		ADC	Nonbarcoded	Machinable	1,660,506	0	1,660,506	0.70%	
		3-Digit	Nonbarcoded	Nonmachinable	4,575,812	0	4,575,812	1.92%	
		3-Digit	Nonbarcoded	Machinable	4,066,199	0	4,066,199	1.71%	
		5-Digit	Nonbarcoded	Nonmachinable	715,282	0	715,282	0.30%	
		5-Digit	Nonbarcoded	Machinable	635,620	0	635,620	0.27%	
		ADC	ADC	Nonbarcoded	Nonmachinable	722,940	0	722,940	0.30%
			ADC	Nonbarcoded	Machinable	642,425	0	642,425	0.27%
	3-Digit	3-Digit	Nonbarcoded	Nonmachinable	7,745,567	0	7,745,567	3.25%	
		3-Digit	Nonbarcoded	Machinable	6,882,935	0	6,882,935	2.89%	
		5-Digit	Nonbarcoded	Nonmachinable	424,268	0	424,268	0.18%	
		5-Digit	Nonbarcoded	Machinable	377,017	0	377,017	0.16%	
		3-Digit	Nonbarcoded	Nonmachinable	53,260,151	0	53,260,151	22.37%	
		3-Digit	Nonbarcoded	Machinable	47,328,515	0	47,328,515	19.88%	
		5-Digit	Nonbarcoded	Nonmachinable	42,929,921	0	42,929,921	18.03%	
		5-Digit	Nonbarcoded	Machinable	38,148,773	0	38,148,773	16.02%	
		5-Digit	5-Digit	Nonbarcoded	Nonmachinable	4,365,975	0	4,365,975	1.83%
			5-Digit	Nonbarcoded	Machinable	3,879,732	0	3,879,732	1.63%
					238,061,000	0	238,061,000	100.00%	
Basic Auto	MADC	ADC	Barcoded	Nonmachinable	14,157,016	0	14,157,016	31.82%	
		ADC	Barcoded	Machinable	30,333,984	0	30,333,984	68.18%	
						44,491,000	0	44,491,000	100.00%
3-Digit Auto	MADC	3-Digit	Barcoded	Nonmachinable	7,737,315	0	7,737,315	31.66%	
		3-Digit	Barcoded	Machinable	16,578,607	0	16,578,607	67.84%	
	3-Digit	3-Digit	Barcoded	Nonmachinable	38,396	0	38,396	0.16%	
		3-Digit	Barcoded	Machinable	82,270	0	82,270	0.34%	
						24,436,588	0	24,436,588	100.00%
5-Digit Auto	MADC	5-Digit	Barcoded	Nonmachinable	939,028	0	939,028	0.47%	
		5-Digit	Barcoded	Machinable	2,012,039	0	2,012,039	1.01%	
	3-Digit	5-Digit	Barcoded	Nonmachinable	62,483,364	0	62,483,364	31.35%	
		5-Digit	Barcoded	Machinable	133,881,981	0	133,881,981	67.17%	
						199,316,412	0	199,316,412	100.00%
Grand Total					506,305,000	0	506,305,000		

PACKAGE DATA

Source: Docket No. R2000-1, USPS LR-I-88

Description	Pieces/ Package	Initial Breakage Factor	Subsequent Breakage Factor
Machinable Flats - Pallets	25.33	1.10%	10.00%
Nonmachinable Flats - Pallets	35.40	1.10%	10.00%
Machinable Flats - Sacks	21.33	17.50%	10.00%
Nonmachinable Flats - Sacks	16.29	17.50%	10.00%
Container / Package	Handlings	%Mech	
MADC / MADC	1.25	64.00%	
MADC / ADC	1.06	74.00%	
MADC / 3D	1.06	74.00%	
MADC / 5D	1.06	74.00%	
MADC / CR	1.06	74.00%	
ADC / ADC	1.09	78.00%	
ADC / 3D	1.06	80.00%	
ADC / 5D	1.06	80.00%	
ADC / CR	1.06	80.00%	
3D / 3D	1.11	71.00%	
3D / 5D	1.15	69.00%	
3D / CR	1.11	72.00%	
5D / 5D	1.04	5.00%	
5D / CR	1.01	6.00%	

PACKAGE DISTRIBUTION MAIL FLOW DENSITY TABLES SUMMARY

Source: Docket No. R2000-1, USPS LR-I-88

	MADC Package MADC	ADC Package ADC	3D Package 3D	5D Package 5D	CR Package CR
MADC Container to:					
Piece	100.00%	0.00%	6.18%	0.75%	0.00%
ADC		100.00%	74.45%	71.56%	71.71%
3D			19.38%	14.63%	14.93%
5D				13.07%	13.36%
CR					0.00%
	100.00%	100.00%	100.00%	100.00%	100.00%
ADC Container to:					
Piece		100.00%	32.60%	9.41%	0.00%
3D			67.40%	25.54%	23.29%
5D				65.05%	76.71%
CR					0.00%
		100.00%	100.00%	100.00%	100.00%
3D Container to:					
Piece			100.00%	21.69%	0.00%
5D				78.31%	100.00%
CR					0.00%
			100.00%	100.00%	100.00%
5D Container to:					
Piece				100.00%	0.00%
CR					100.00%
				100.00%	100.00%
CR Container to:					
Piece					100.00%
					100.00%

NOTES

Source: USPS-LR-I-88 Flats Bundle Study, 'FINAL_DENSITY.XLS.'

PERIODICALS FLATS MAIL PROCESSING UNIT COST SUMMARY ACTUAL

CRA FLATS MAIL PROCESSING UNIT COSTS

Modeled Worksharing Related (Proportional) Cost Pools	6.955	(1)
Other Worksharing Related (Fixed) Cost Pools	0.046	(2)
Non-Worksharing Related (Fixed) Cost Pools	4.826	(3)
Total	11.826	(4)

CRA PROPORTIONAL ADJUSTMENT FACTOR

	(5)	(6)	(7)
Base Model Costs	Model Cost	Base Year Volume	Base Year Volume %
Basic Nonauto Presort	16.702	418,322,593	4.70%
3-Digit Nonauto Presort	12.625	435,521,307	4.89%
5-Digit Nonauto Presort	6.982	510,857,521	5.74%
Carr Rte Nonauto Presort	1.701	3,853,938,250	43.28%
Basic Auto Presort	12.958	144,171,594	1.62%
3-Digit Auto Presort	10.387	1,107,725,078	12.44%
5-Digit Auto Presort	6.275	2,433,388,333	27.33%
(8) Total Weighted Model Cost	5.756	8,903,924,676	100.00%
CRA Proportional Adjustment		1.208	(9)

ADJUSTED FLATS MAIL PROCESSING UNIT COSTS

	(10)	(11)	(12)	(13)
Rate Category	Model Unit Cost	Worksharing Related Unit Cost	Non Worksharing Unit Cost	Total Mail Proc Unit Cost
Basic Nonauto Presort	16.702	20.225	4.826	25.051
3-Digit Nonauto Presort	12.625	15.300	4.826	20.126
5-Digit Nonauto Presort	6.982	8.482	4.826	13.308
Carr Rte Nonauto Presort	1.701	2.101	4.826	6.927
Basic Auto Presort	12.958	15.703	4.826	20.529
3-Digit Auto Presort	10.387	12.596	4.826	17.422
5-Digit Auto Presort	6.275	7.628	4.826	12.454

- (1) Sum of modeled worksharing related cost pools on page 36
 (2) Sum of other worksharing related cost pools on page 36
 (3) Sum of non-worksharing related cost pools on page 36
 (4) (1) + (2) + (3)
 (5) Model costs from respective rate category "COST" spreadsheets
 (6) USPS LR-J-98
 (7) Rate Category (6) / Total (6)
 (8) Sum [Rate Category (5) * (7)]
 (9) (1) / (8)
 (10) Model costs from respective rate category "COST" spreadsheets
 (11) (9) * (10) + (2)
 (12) (3)
 (13) (11) + (12)

PERIODICALS FLATS MAIL PROCESSING UNIT COST SUMMARY **PRESORT LEVELS HELD CONSTANT**

ADJUSTED FLATS MAIL PROCESSING UNIT COSTS

<u>Rate Category</u>	(1) <u>Model Unit Cost</u>	(2) Worksharing <u>Related Unit Cost</u>	(3) Non Worksharing <u>Unit Cost</u>	(4) Total Mail Proc <u>Unit Cost</u>
Basic Nonauto Presort	16.702	20.225	4.826	25.051
3-Digit Nonauto Presort	12.625	15.300	4.826	20.126
5-Digit Nonauto Presort	6.982	8.482	4.826	13.308
Carr Rte Nonauto Presort	1.701	2.101	4.826	6.927
Basic Auto Presort Rev	13.753	16.663	4.826	21.489
3-Digit Auto Presort Rev	10.812	13.110	4.826	17.936
5-Digit Auto Presort Rev	6.485	7.881	4.826	12.707

(1) Model costs from respective rate category "COST" spreadsheets

(2) (1) * [(9) from page 34] + [(2) from page 34]

(3) (3) from page 34

(4) (2) + (3)

CRA PERIODICALS FLATS MAIL PROCESSING UNIT COSTS

Source: USPS LR-J-53

			PERIODICALS						
Cost Pool No.	Source	Cost Pool Abbreviation	WRP MP Unit Costs	WRF MP Unit Costs	NWRF MP Unit Costs	CRA MP Unit Costs	WRP MP Unit Costs	WRF MP Unit Costs	NWRF MP Unit Costs
1	BMCS	NMO			X	0.012			0.012
2	BMCS	OTHR			X	0.258			0.258
3	BMCS	PLA			X	0.226			0.226
4	BMCS	PSM			X	0.010			0.010
5	BMCS	SPB	X			0.058	0.058		
6	BMCS	SSM			X	0.150			0.150
7	MODS 11	BCS/			X	0.005			0.005
8	MODS 11	BCS/DBCS			X	0.016			0.016
9	MODS 11	OCR/			X	0.005			0.005
10	MODS 12	FSM/	X			0.831	0.831		
11	MODS 12	FSM/1000	X			0.659	0.659		
12	MODS 12	LSM/			X	0.000			0.000
13	MODS 13	MECPARC			X	0.005			0.005
14	MODS 13	SPBS OTH	X			0.627	0.627		
15	MODS 13	SPBSPRIO	X			0.040	0.040		
16	MODS 13	1SACKS_M			X	0.116			0.116
17	MODS 14	MANF	X			0.760	0.760		
18	MODS 14	MANL			X	0.078			0.078
19	MODS 14	MANP			X	0.008			0.008
20	MODS 14	PRIORITY			X	0.029			0.029
21	MODS 15	LD15	X			0.000	0.000		
22	MODS 17	1BULK PR		X		0.012		0.012	
23	MODS 17	1CANCMP			X	0.015			0.015
24	MODS 17	1OPBULK	X			0.385	0.385		
25	MODS 17	1OPPREF	X			1.083	1.083		
26	MODS 17	1PLATFRM			X	1.450			1.450
27	MODS 17	1POUCHNG	X			0.503	0.503		
28	MODS 17	1SACKS_H			X	0.330			0.330
29	MODS 17	1SCAN			X	0.038			0.038
30	MODS 18	BUSREPLY			X	0.004			0.004
31	MODS 18	EXPRESS			X	0.007			0.007
32	MODS 18	MAILGRAM			X	0.000			0.000
33	MODS 18	REGISTRY			X	0.004			0.004
34	MODS 18	REWRAP			X	0.005			0.005
35	MODS 18	1EEQMT			X	0.036			0.036
36	MODS 19	INTL			X	0.012			0.012
37	MODS 41	LD41			X	0.004			0.004
38	MODS 42	LD42	X			0.001	0.001		
39	MODS 43	LD43	X			0.684	0.684		
40	MODS 44	LD44	X			0.096	0.096		
41	MODS 48	LD48 EXP			X	0.000			0.000
42	MODS 48	LD48_SSV			X	0.026			0.026
43	MODS 49	LD49			X	0.518			0.518
44	MODS 79	LD79		X		0.034		0.034	
45	MODS 99	1SUPP_F1			X	0.141			0.141
46	MODS 99	1SUPP_F4			X	0.199			0.199
47	NON MODS	ALLIED			X	0.858			0.858
48	NON MODS	AUTO/MEC	X			0.023	0.023		
49	NON MODS	EXPRESS			X	0.002			0.002
50	NON MODS	MANF	X			1.203	1.203		
51	NON MODS	MANL			X	0.064			0.064
52	NON MODS	MANP			X	0.022			0.022
53	NON MODS	MISC			X	0.172			0.172
54	NON MODS	REGISTRY			X	0.001			0.001
						11.826	6.955	0.046	4.826
							58.80%	0.39%	40.80%

**BASIC NONAUTO PRESORT
COST SHEET**

	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
<u>Operation</u>	<u>Volume</u>	<u>Packages or Pieces Per Hour</u>	<u>Wage Rate</u>	<u>Direct Cents Per Piece</u>	<u>Piggyback Factor</u>	<u>Premium Pay Factor</u>	<u>Premium Pay Adjust</u>	<u>Total Cents Per Piece</u>	<u>Weighted Cents Per Piece</u>
Outgoing Primary (Package)									
Mechanized	213	367	\$30.840	8.411	1.676	1.019	0.159	14.256	0.304
Manual	96	80	\$30.840	38.723	1.598	1.019	0.732	62.610	0.603
Incoming MMP (Package)									
Mechanized	225	367	\$30.840	8.411	1.676	1.019	0.159	14.256	0.321
Manual	61	180	\$30.840	17.160	1.598	1.019	0.325	27.746	0.169
Incoming Primary (Package)									
Mechanized	14	367	\$30.840	8.411	1.676	1.019	0.159	14.256	0.020
Manual	6	222	\$30.840	13.910	1.598	1.019	0.263	22.490	0.014
Incoming Secondary (Package)									
Mechanized	0	367	\$30.840	8.411	1.676	1.019	0.159	14.256	0.000
Manual	0	431	\$30.840	7.156	1.598	1.019	0.135	11.570	0.000
Outgoing Primary (Piece)									
AFSM100 Auto	1,000	2,343	\$30.840	1.316	1.746	1.019	0.025	2.323	0.232
VCS Keying	264	395	\$20.409	5.167	1.459	1.019	0.098	7.636	0.201
FSM881 Auto	147	1,142	\$30.840	2.701	1.416	1.019	0.051	3.875	0.057
FSM1000 Auto	1,767	543	\$30.840	5.677	1.587	1.019	0.107	9.117	1.611
FSM1000 Keying	369	791	\$30.840	3.901	1.587	1.019	0.074	6.265	0.231
Manual	263	614	\$30.840	5.022	1.398	1.019	0.095	7.118	0.187
Outgoing Secondary (Piece)									
AFSM100 Auto	81	3,328	\$30.840	0.927	1.746	1.019	0.018	1.635	0.013
VCS Keying	21	395	\$20.409	5.167	1.459	1.019	0.098	7.636	0.016
FSM881 Auto	12	1,304	\$30.840	2.365	1.416	1.019	0.045	3.393	0.004
FSM1000 Auto	215	1,351	\$30.840	2.282	1.587	1.019	0.043	3.665	0.079
FSM1000 Keying	42	981	\$30.840	3.143	1.587	1.019	0.059	5.048	0.021
Manual	35	600	\$30.840	5.140	1.398	1.019	0.097	7.285	0.025
Incoming MMP (Piece)									
AFSM100 Auto	2,625	2,085	\$30.840	1.479	1.746	1.019	0.028	2.610	0.685
VCS Keying	692	395	\$20.409	5.167	1.459	1.019	0.098	7.636	0.529
FSM881 Auto	355	886	\$30.840	3.479	1.416	1.019	0.066	4.992	0.177
FSM1000 Auto	3,400	1,589	\$30.840	1.941	1.587	1.019	0.037	3.116	1.059
FSM1000 Keying	672	685	\$30.840	4.501	1.587	1.019	0.085	7.229	0.486
Manual	599	562	\$30.840	5.488	1.398	1.019	0.104	7.778	0.466
Incoming SCF (Piece)									
AFSM100 Auto	667	2,249	\$30.840	1.371	1.746	1.019	0.026	2.421	0.161
VCS Keying	176	395	\$20.409	5.167	1.459	1.019	0.098	7.636	0.134
FSM881 Auto	90	974	\$30.840	3.165	1.416	1.019	0.060	4.542	0.041
FSM1000 Auto	1,103	1,582	\$30.840	1.949	1.587	1.019	0.037	3.130	0.345
FSM1000 Keying	215	785	\$30.840	3.928	1.587	1.019	0.074	6.308	0.136
Manual	260	768	\$30.840	4.018	1.398	1.019	0.076	5.695	0.148
Incoming Primary (Piece)									
AFSM100 Auto	952	1,931	\$30.840	1.597	1.746	1.019	0.030	2.819	0.268
VCS Keying	251	395	\$20.409	5.167	1.459	1.019	0.098	7.636	0.192
FSM881 Auto	122	946	\$30.840	3.260	1.416	1.019	0.062	4.678	0.057
FSM1000 Auto	1,617	1,214	\$30.840	2.541	1.587	1.019	0.048	4.081	0.660
FSM1000 Keying	337	746	\$30.840	4.134	1.587	1.019	0.078	6.639	0.224
Manual	296	549	\$30.840	5.614	1.398	1.019	0.106	7.958	0.235
Incoming Secondary (Piece)									
AFSM100 Auto	2,705	2,305	\$30.840	1.338	1.746	1.019	0.025	2.361	0.639
VCS Keying	713	395	\$20.409	5.167	1.459	1.019	0.098	7.636	0.545
FSM881 Auto	275	953	\$30.840	3.237	1.416	1.019	0.061	4.645	0.128
FSM1000 Auto	0	1,650	\$30.840	1.869	1.587	1.019	0.035	3.002	0.000
FSM1000 Keying	0	878	\$30.840	3.511	1.587	1.019	0.066	5.638	0.000
Manual	7,174	594	\$30.840	5.189	1.398	1.019	0.098	7.355	5.276

(10)
MODEL COST = **16.702**

(1) Values From Page 38
 (2) Values From Page 60
 (3) Values From Page 61
 (4) [(3) * (100 cents/dollar)] / (2)
 (5) Values From Page 62

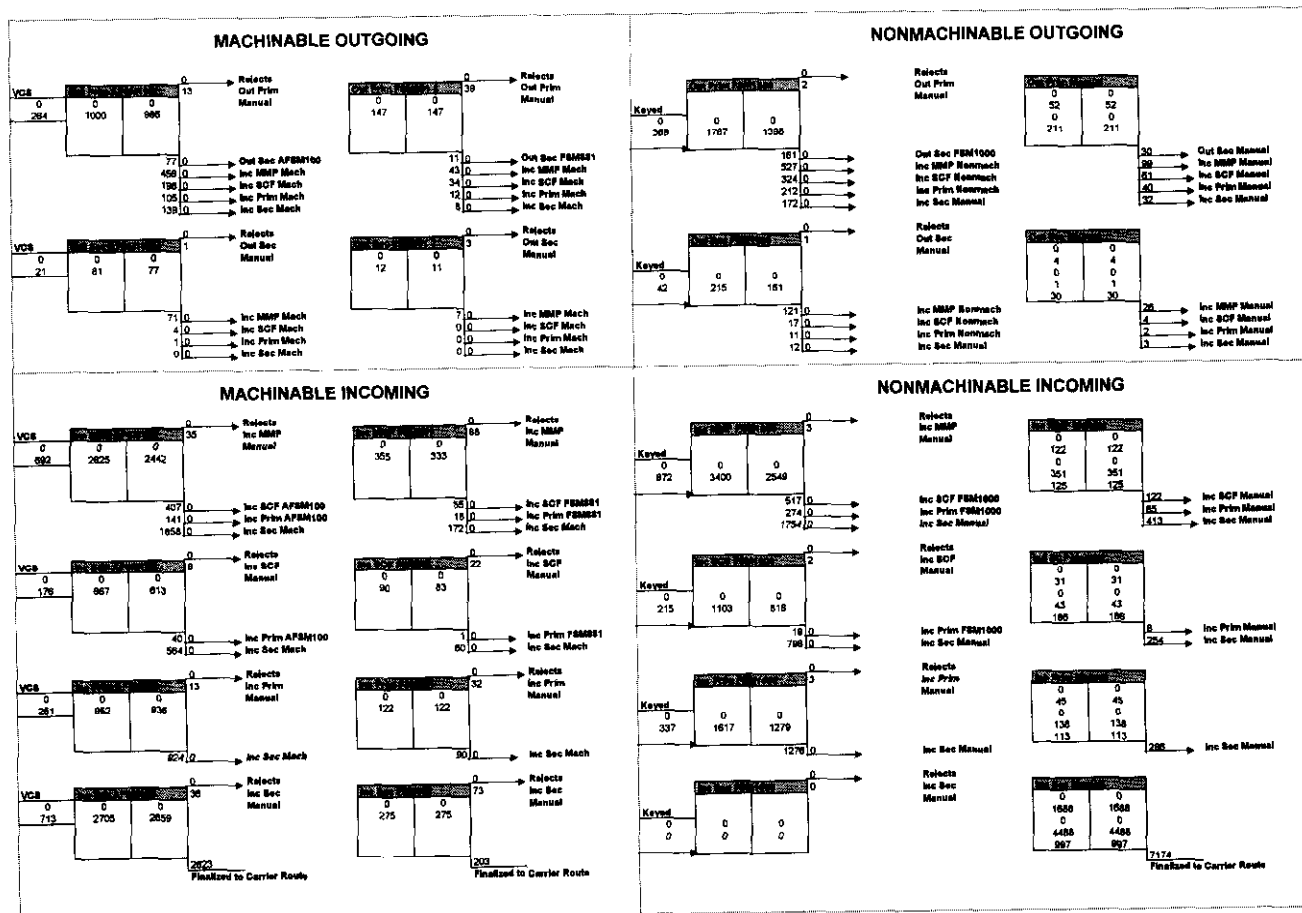
(6) Values From Page 61
 (7) [(6) - 1] * (4)
 (8) (4) * (6) + (7)
 (9) (1) * (8) / 10,000 Pieces
 (10) Sum (8)

BASIC NONAUTO PRESORT MAIL FLOW MODEL

PCS IN = 10000 PCS OUT = 10000

PIECE ENTRY POINTS:

SC Mach Out Prim	0	Non-SC Mach Out Prim	1193	SC Nonmach Out Prim	0	Non-SC Nonmach Out Prim	1507
SC Mach Out Sec	0	Non-SC Mach Out Sec	0	SC Nonmach Out Sec	0	Non-SC Nonmach Out Sec	0
SC Mach Inc SAMP	0	Non-SC Mach Inc SAMP	2197	SC Nonmach Inc SAMP	0	Non-SC Nonmach Inc SAMP	2248
SC Mach Inc SCF	0	Non-SC Mach Inc SCF	0	SC Nonmach Inc SCF	0	Non-SC Nonmach Inc SCF	0
SC Mach Inc Prim	0	Non-SC Mach Inc Prim	736	SC Nonmach Inc Prim	0	Non-SC Nonmach Inc Prim	557
SC Mach Inc Sec	0	Non-SC Mach Inc Sec	700	SC Nonmach Inc Sec	0	Non-SC Nonmach Inc Sec	479



**3-DIGIT NONAUTO PRESORT
COST SHEET**

	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
Operation	Volume	Packages or Pieces Per Hour	Wage Rate	Direct Cents Per Piece	Piggyback Factor	Premium Pay Factor	Premium Pay Adjust	Total Cents Per Piece	Weighted Cents Per Piece
Outgoing Primary (Package)									
Mechanized	0	367	\$30.840	8.411	1.676	1.019	0.159	14.256	0.000
Manual	0	80	\$30.840	38.723	1.598	1.019	0.732	62.810	0.000
Incoming MMP (Package)									
Mechanized	26	367	\$30.840	8.411	1.676	1.019	0.159	14.256	0.037
Manual	6	180	\$30.840	17.160	1.598	1.019	0.325	27.746	0.018
Incoming Primary (Package)									
Mechanized	376	367	\$30.840	8.411	1.676	1.019	0.159	14.256	0.536
Manual	158	222	\$30.840	13.910	1.598	1.019	0.263	22.490	0.355
Incoming Secondary (Package)									
Mechanized	0	367	\$30.840	8.411	1.676	1.019	0.159	14.256	0.000
Manual	0	431	\$30.840	7.156	1.598	1.019	0.135	11.570	0.000
Outgoing Primary (Piece)									
AFSM100 Auto	0	2,343	\$30.840	1.316	1.746	1.019	0.025	2.323	0.000
VCS Keying	0	395	\$20.409	5.167	1.459	1.019	0.098	7.636	0.000
FSM881 Auto	0	1,142	\$30.840	2.701	1.416	1.019	0.051	3.875	0.000
FSM1000 Auto	0	543	\$30.840	5.677	1.587	1.019	0.107	9.117	0.000
FSM1000 Keying	0	791	\$30.840	3.901	1.587	1.019	0.074	6.265	0.000
Manual	0	614	\$30.840	5.022	1.398	1.019	0.095	7.118	0.000
Outgoing Secondary (Piece)									
AFSM100 Auto	0	3,328	\$30.840	0.927	1.746	1.019	0.018	1.635	0.000
VCS Keying	0	395	\$20.409	5.167	1.459	1.019	0.098	7.636	0.000
FSM881 Auto	0	1,304	\$30.840	2.365	1.416	1.019	0.045	3.393	0.000
FSM1000 Auto	0	1,351	\$30.840	2.282	1.587	1.019	0.043	3.665	0.000
FSM1000 Keying	0	981	\$30.840	3.143	1.587	1.019	0.059	5.048	0.000
Manual	0	600	\$30.840	5.140	1.398	1.019	0.097	7.285	0.000
Incoming MMP (Piece)									
AFSM100 Auto	5	2,085	\$30.840	1.479	1.746	1.019	0.028	2.610	0.001
VCS Keying	1	395	\$20.409	5.167	1.459	1.019	0.098	7.636	0.001
FSM881 Auto	1	886	\$30.840	3.479	1.416	1.019	0.068	4.992	0.000
FSM1000 Auto	6	1,589	\$30.840	1.941	1.587	1.019	0.037	3.116	0.002
FSM1000 Keying	1	685	\$30.840	4.501	1.587	1.019	0.085	7.229	0.001
Manual	1	562	\$30.840	5.488	1.398	1.019	0.104	7.778	0.001
Incoming SCF (Piece)									
AFSM100 Auto	1	2,249	\$30.840	1.371	1.746	1.019	0.026	2.421	0.000
VCS Keying	0	395	\$20.409	5.167	1.459	1.019	0.098	7.636	0.000
FSM881 Auto	0	974	\$30.840	3.185	1.416	1.019	0.060	4.542	0.000
FSM1000 Auto	1	1,562	\$30.840	1.949	1.587	1.019	0.037	3.130	0.000
FSM1000 Keying	0	785	\$30.840	3.928	1.587	1.019	0.074	6.308	0.000
Manual	0	768	\$30.840	4.018	1.398	1.019	0.076	5.695	0.000
Incoming Primary (Piece)									
AFSM100 Auto	2,931	1,931	\$30.840	1.597	1.746	1.019	0.030	2.819	0.826
VCS Keying	773	395	\$20.409	5.167	1.459	1.019	0.098	7.636	0.590
FSM881 Auto	393	946	\$30.840	3.280	1.416	1.019	0.062	4.678	0.184
FSM1000 Auto	5,262	1,214	\$30.840	2.541	1.587	1.019	0.048	4.081	2.147
FSM1000 Keying	1,098	746	\$30.840	4.134	1.587	1.019	0.078	6.639	0.729
Manual	721	549	\$30.840	5.614	1.398	1.019	0.106	7.958	0.574
Incoming Secondary (Piece)									
AFSM100 Auto	2,574	2,305	\$30.840	1.338	1.746	1.019	0.025	2.361	0.808
VCS Keying	679	395	\$20.409	5.167	1.459	1.019	0.098	7.636	0.518
FSM881 Auto	281	953	\$30.840	3.237	1.416	1.019	0.061	4.645	0.131
FSM1000 Auto	0	1,650	\$30.840	1.869	1.587	1.019	0.035	3.002	0.000
FSM1000 Keying	0	878	\$30.840	3.511	1.587	1.019	0.068	5.638	0.000
Manual	7,297	594	\$30.840	5.189	1.398	1.019	0.098	7.355	5.367

(10)
MODEL COST = **12.628**

(1) Values From Page 40
 (2) Values From Page 60
 (3) Values From Page 61
 (4) [(3) * (100 cents/dollar)] / (2)
 (5) Values From Page 62

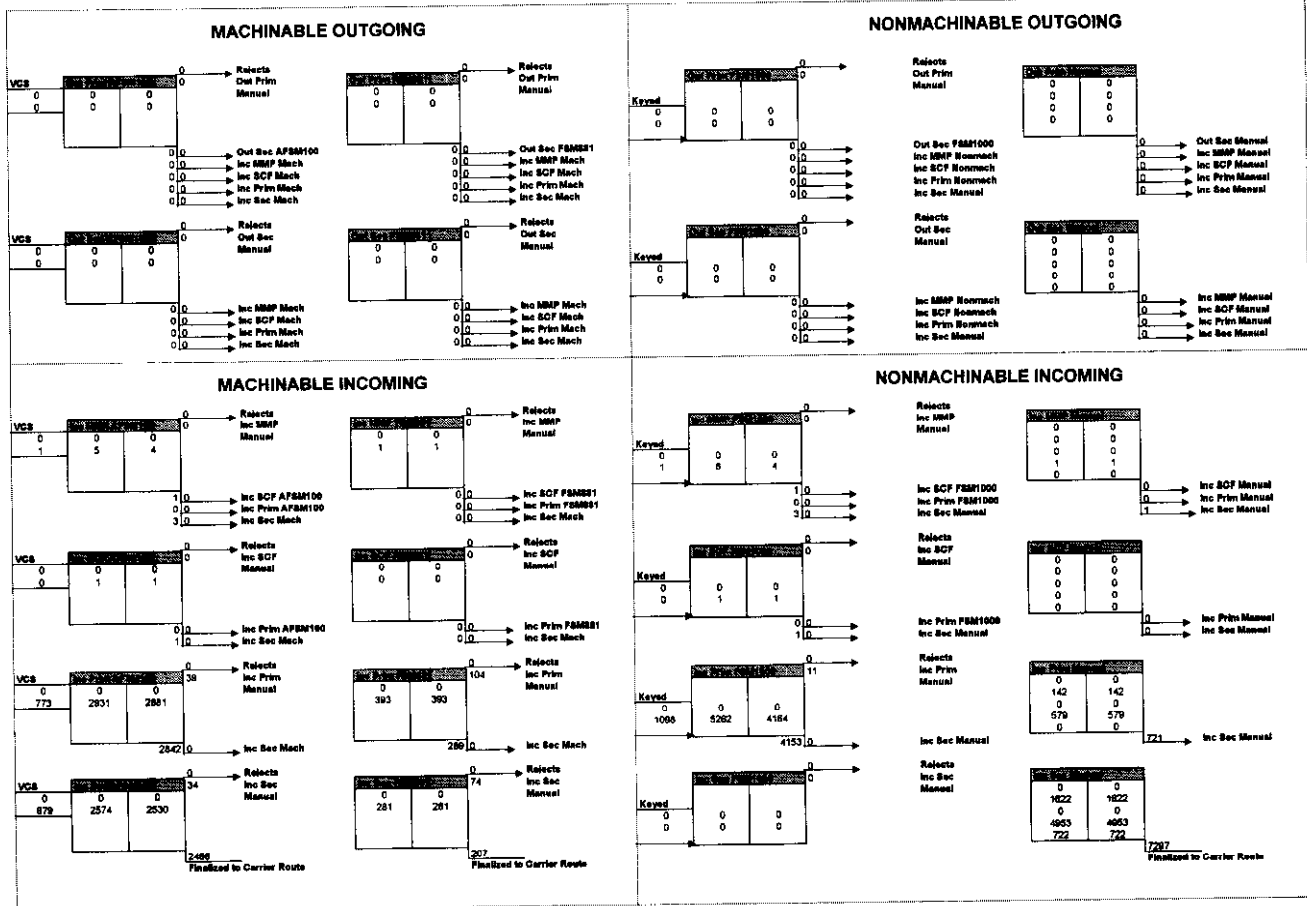
(6) Values From Page 61
 (7) [(6) - 1] * (4)
 (8) (4) * (6) + (7)
 (9) (1) * (8) / 10,000 Pieces
 (10) Sum (9)

3-DIGIT NONAUTO PRESORT MAIL FLOW MODEL

PCS IN = 10000 PCS OUT = 10000

PIECE ENTRY POINTS:

SC Mach Out Prim	0	Non-SC Mach Out Prim	0	SC Nonmach Out Prim	0	Non-SC Nonmach Out Prim	0
SC Mach Out Sec	0	Non-SC Mach Out Sec	0	SC Nonmach Out Sec	0	Non-SC Nonmach Out Sec	5
SC Mach Inc MMF	0	Non-SC Mach Inc MMF	5	SC Nonmach Inc MMF	0	Non-SC Nonmach Inc MMF	0
SC Mach Inc SCF	0	Non-SC Mach Inc SCF	0	SC Nonmach Inc SCF	0	Non-SC Nonmach Inc SCF	0
SC Mach Inc Prim	0	Non-SC Mach Inc Prim	3273	SC Nonmach Inc Prim	0	Non-SC Nonmach Inc Prim	4731
SC Mach Inc Sec	0	Non-SC Mach Inc Sec	1189	SC Nonmach Inc Sec	0	Non-SC Nonmach Inc Sec	787



**5-DIGIT NONAUTO PRESORT
COST SHEET**

	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
Operation	Volume	Packages or Pieces Per Hour	Wage Rate	Direct Cents Per Piece	Piggyback Factor	Premium Pay Factor	Premium Pay Adjust	Total Cents Per Piece	Weighted Cents Per Piece
Outgoing Primary (Package)									
Mechanized	0	367	\$30.840	8.411	1.678	1.019	0.159	14.256	0.000
Manual	0	80	\$30.840	38.723	1.598	1.019	0.732	62.610	0.000
Incoming MMP (Package)									
Mechanized	39	367	\$30.840	8.411	1.676	1.019	0.159	14.256	0.055
Manual	10	180	\$30.840	17.160	1.598	1.019	0.325	27.746	0.027
Incoming Primary (Package)									
Mechanized	104	367	\$30.840	8.411	1.676	1.019	0.159	14.256	0.149
Manual	47	222	\$30.840	13.910	1.598	1.019	0.263	22.490	0.105
Incoming Secondary (Package)									
Mechanized	0	367	\$30.840	8.411	1.676	1.019	0.159	14.256	0.000
Manual	0	431	\$30.840	7.156	1.598	1.019	0.135	11.570	0.000
Outgoing Primary (Piece)									
AFSM100 Auto	0	2,343	\$30.840	1.316	1.746	1.019	0.025	2.323	0.000
VCS Keying	0	395	\$20.409	5.167	1.459	1.019	0.098	7.636	0.000
FSM881 Auto	0	1,142	\$30.840	2.701	1.416	1.019	0.051	3.875	0.000
FSM1000 Auto	0	543	\$30.840	5.677	1.587	1.019	0.107	8.117	0.000
FSM1000 Keying	0	791	\$30.840	3.901	1.587	1.019	0.074	6.265	0.000
Manual	0	614	\$30.840	5.022	1.398	1.019	0.095	7.118	0.000
Outgoing Secondary (Piece)									
AFSM100 Auto	0	3,328	\$30.840	0.927	1.746	1.019	0.018	1.635	0.000
VCS Keying	0	395	\$20.409	5.167	1.459	1.019	0.098	7.636	0.000
FSM881 Auto	0	1,304	\$30.840	2.365	1.416	1.019	0.045	3.393	0.000
FSM1000 Auto	0	1,351	\$30.840	2.282	1.587	1.019	0.043	3.665	0.000
FSM1000 Keying	0	981	\$30.840	3.143	1.587	1.019	0.059	5.048	0.000
Manual	0	600	\$30.840	5.140	1.398	1.019	0.097	7.285	0.000
Incoming MMP (Piece)									
AFSM100 Auto	9	2,085	\$30.840	1.479	1.746	1.019	0.028	2.610	0.002
VCS Keying	2	395	\$20.409	5.167	1.459	1.019	0.098	7.636	0.002
FSM881 Auto	1	886	\$30.840	3.479	1.416	1.019	0.068	4.992	0.001
FSM1000 Auto	5	1,589	\$30.840	1.941	1.587	1.019	0.037	3.116	0.002
FSM1000 Keying	1	685	\$30.840	4.501	1.587	1.019	0.085	7.229	0.001
Manual	1	562	\$30.840	5.488	1.398	1.019	0.104	7.778	0.001
Incoming SCF (Piece)									
AFSM100 Auto	2	2,249	\$30.840	1.371	1.746	1.019	0.026	2.421	0.000
VCS Keying	0	395	\$20.409	5.167	1.459	1.019	0.098	7.636	0.000
FSM881 Auto	0	974	\$30.840	3.165	1.416	1.019	0.060	4.542	0.000
FSM1000 Auto	1	1,582	\$30.840	1.949	1.587	1.019	0.037	3.130	0.000
FSM1000 Keying	0	785	\$30.840	3.928	1.587	1.019	0.074	6.308	0.000
Manual	0	768	\$30.840	4.018	1.398	1.019	0.076	5.695	0.000
Incoming Primary (Piece)									
AFSM100 Auto	44	1,931	\$30.840	1.597	1.746	1.019	0.030	2.819	0.012
VCS Keying	11	395	\$20.409	5.167	1.459	1.019	0.098	7.636	0.009
FSM881 Auto	6	946	\$30.840	3.260	1.416	1.019	0.062	4.678	0.003
FSM1000 Auto	23	1,214	\$30.840	2.541	1.587	1.019	0.048	4.081	0.009
FSM1000 Keying	5	746	\$30.840	4.134	1.587	1.019	0.078	6.639	0.003
Manual	5	549	\$30.840	5.614	1.398	1.019	0.106	7.958	0.004
Incoming Secondary (Piece)									
AFSM100 Auto	2,650	2,305	\$30.840	1.338	1.746	1.019	0.025	2.361	0.626
VCS Keying	699	395	\$20.409	5.167	1.459	1.019	0.098	7.636	0.534
FSM881 Auto	354	953	\$30.840	3.237	1.416	1.019	0.061	4.645	0.164
FSM1000 Auto	0	1,650	\$30.840	1.869	1.587	1.019	0.035	3.002	0.000
FSM1000 Keying	0	878	\$30.840	3.511	1.587	1.019	0.068	5.638	0.000
Manual	7,170	594	\$30.840	5.189	1.398	1.019	0.098	7.355	5.273

(10)
MODEL COST = 6.982

(1) Values From Page 42
 (2) Values From Page 60
 (3) Values From Page 61
 (4) [(3) * (100 cents/dollar)] / (2)
 (5) Values From Page 62

(6) Values From Page 61
 (7) [(6) - 1] * (4)
 (8) (4) * (6) + (7)
 (9) (1) * (8) / 10,000 Pieces
 (10) Sum (9)

5-DIGIT NONAUTO PRESORT
MAIL FLOW MODEL

PCS IN =

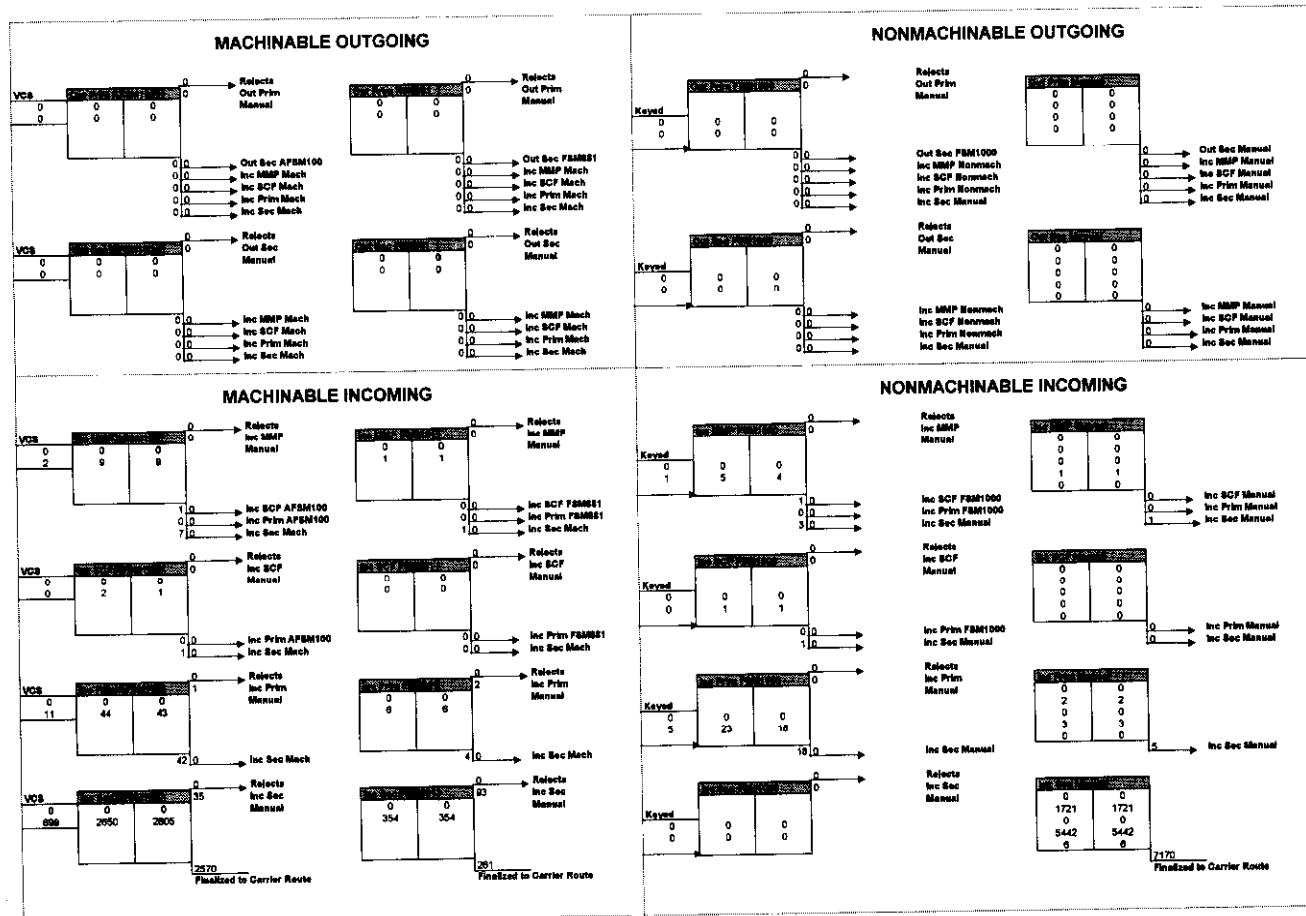
10000

PCS OUT =

10000

PIECE ENTRY POINTS:

SC Mach Out Prim	0	Non-SC Mach Out Prim	0	SC Nonmach Out Prim	0	Non-SC Nonmach Out Prim	0
SC Mach Out Sec	0	Non-SC Mach Out Sec	0	SC Nonmach Out Sec	0	Non-SC Nonmach Out Sec	0
SC Mach Inc MMP	0	Non-SC Mach Inc MMP	10	SC Nonmach Inc MMP	0	Non-SC Nonmach Inc MMP	4
SC Mach Inc SCF	0	Non-SC Mach Inc SCF	0	SC Nonmach Inc SCF	0	Non-SC Nonmach Inc SCF	0
SC Mach Inc Prim	0	Non-SC Mach Inc Prim	48	SC Nonmach Inc Prim	0	Non-SC Nonmach Inc Prim	20
SC Mach Inc Sec	0	Non-SC Mach Inc Sec	4467	SC Nonmach Inc Sec	0	Non-SC Nonmach Inc Sec	5421



**CARRIER ROUTE NONAUTO PRESORT
COST SHEET**

	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
Operation	Volume	Packages or Pieces Per Hour	Wage Rate	Direct Cents Per Piece	Piggyback Factor	Premium Pay Factor	Premium Pay Adjust	Total Cents Per Piece	Weighted Cents Per Piece
Outgoing Primary (Package)									
Mechanized	0	367	\$30.840	8.411	1.676	1.019	0.159	14.256	0.000
Manual	0	80	\$30.840	38.723	1.598	1.019	0.732	62.610	0.000
Incoming MMP (Package)									
Mechanized	11	367	\$30.840	8.411	1.676	1.019	0.159	14.256	0.016
Manual	3	180	\$30.840	17.160	1.598	1.019	0.325	27.746	0.008
Incoming Primary (Package)									
Mechanized	214	367	\$30.840	8.411	1.676	1.019	0.159	14.256	0.306
Manual	83	222	\$30.840	13.910	1.598	1.019	0.263	22.490	0.188
Incoming Secondary (Package)									
Mechanized	25	367	\$30.840	8.411	1.676	1.019	0.159	14.256	0.035
Manual	385	431	\$30.840	7.156	1.598	1.019	0.135	11.570	0.446
Outgoing Primary (Piece)									
AFSM100 Auto	0	2,343	\$30.840	1.316	1.746	1.019	0.025	2.323	0.000
VCS Keying	0	395	\$20.409	5.167	1.459	1.019	0.098	7.636	0.000
FSM881 Auto	0	1,142	\$30.840	2.701	1.416	1.019	0.051	3.876	0.000
FSM1000 Auto	0	543	\$30.840	5.877	1.587	1.019	0.107	9.117	0.000
FSM1000 Keying	0	791	\$30.840	3.901	1.587	1.019	0.074	6.265	0.000
Manual	0	614	\$30.840	5.022	1.398	1.019	0.095	7.118	0.000
Outgoing Secondary (Piece)									
AFSM100 Auto	0	3,328	\$30.840	0.927	1.746	1.019	0.018	1.635	0.000
VCS Keying	0	395	\$20.409	5.167	1.459	1.019	0.098	7.636	0.000
FSM881 Auto	0	1,304	\$30.840	2.365	1.416	1.019	0.045	3.393	0.000
FSM1000 Auto	0	1,351	\$30.840	2.282	1.587	1.019	0.043	3.665	0.000
FSM1000 Keying	0	981	\$30.840	3.143	1.587	1.019	0.059	5.048	0.000
Manual	0	600	\$30.840	5.140	1.398	1.019	0.097	7.265	0.000
Incoming MMP (Piece)									
AFSM100 Auto	3	2,085	\$30.840	1.479	1.746	1.019	0.028	2.610	0.001
VCS Keying	1	395	\$20.409	5.167	1.459	1.019	0.098	7.636	0.001
FSM881 Auto	0	886	\$30.840	3.479	1.416	1.019	0.068	4.992	0.000
FSM1000 Auto	1	1,589	\$30.840	1.941	1.587	1.019	0.037	3.116	0.000
FSM1000 Keying	0	685	\$30.840	4.501	1.587	1.019	0.085	7.229	0.000
Manual	0	562	\$30.840	5.488	1.398	1.019	0.104	7.778	0.000
Incoming SCF (Piece)									
AFSM100 Auto	0	2,249	\$30.840	1.371	1.746	1.019	0.026	2.421	0.000
VCS Keying	0	395	\$20.409	5.167	1.459	1.019	0.098	7.636	0.000
FSM881 Auto	0	974	\$30.840	3.165	1.416	1.019	0.060	4.542	0.000
FSM1000 Auto	0	1,582	\$30.840	1.949	1.587	1.019	0.037	3.130	0.000
FSM1000 Keying	0	785	\$30.840	3.928	1.587	1.019	0.074	6.308	0.000
Manual	0	768	\$30.840	4.018	1.398	1.019	0.076	5.695	0.000
Incoming Primary (Piece)									
AFSM100 Auto	66	1,931	\$30.840	1.597	1.746	1.019	0.030	2.819	0.019
VCS Keying	17	395	\$20.409	5.167	1.459	1.019	0.098	7.636	0.013
FSM881 Auto	9	946	\$30.840	3.260	1.416	1.019	0.062	4.678	0.004
FSM1000 Auto	13	1,214	\$30.840	2.541	1.587	1.019	0.048	4.081	0.005
FSM1000 Keying	3	746	\$30.840	4.134	1.587	1.019	0.076	6.639	0.002
Manual	5	549	\$30.840	5.614	1.398	1.019	0.106	7.958	0.004
Incoming Secondary (Piece)									
AFSM100 Auto	441	2,305	\$30.840	1.338	1.746	1.019	0.025	2.361	0.104
VCS Keying	116	395	\$20.409	5.167	1.459	1.019	0.098	7.636	0.089
FSM881 Auto	58	953	\$30.840	3.237	1.416	1.019	0.061	4.645	0.027
FSM1000 Auto	0	1,650	\$30.840	1.869	1.587	1.019	0.035	3.002	0.000
FSM1000 Keying	0	878	\$30.840	3.511	1.587	1.019	0.066	5.638	0.000
Manual	591	594	\$30.840	5.189	1.398	1.019	0.098	7.355	0.434

(10)
MODEL COST = 1.701

(1) Values From Page 44
 (2) Values From Page 60
 (3) Values From Page 61
 (4) $[(3) * (100 \text{ cents/dollar})] / (2)$
 (5) Values From Page 62

(6) Values From Page 61
 (7) $[(6) - 1] * (4)$
 (8) $(4) * (5) + (7)$
 (9) $(1) * (8) / 10,000 \text{ Pieces}$
 (10) Sum (9)

CARRIER ROUTE NONAUTO PRESORT MAIL FLOW MODEL

PCS IN =

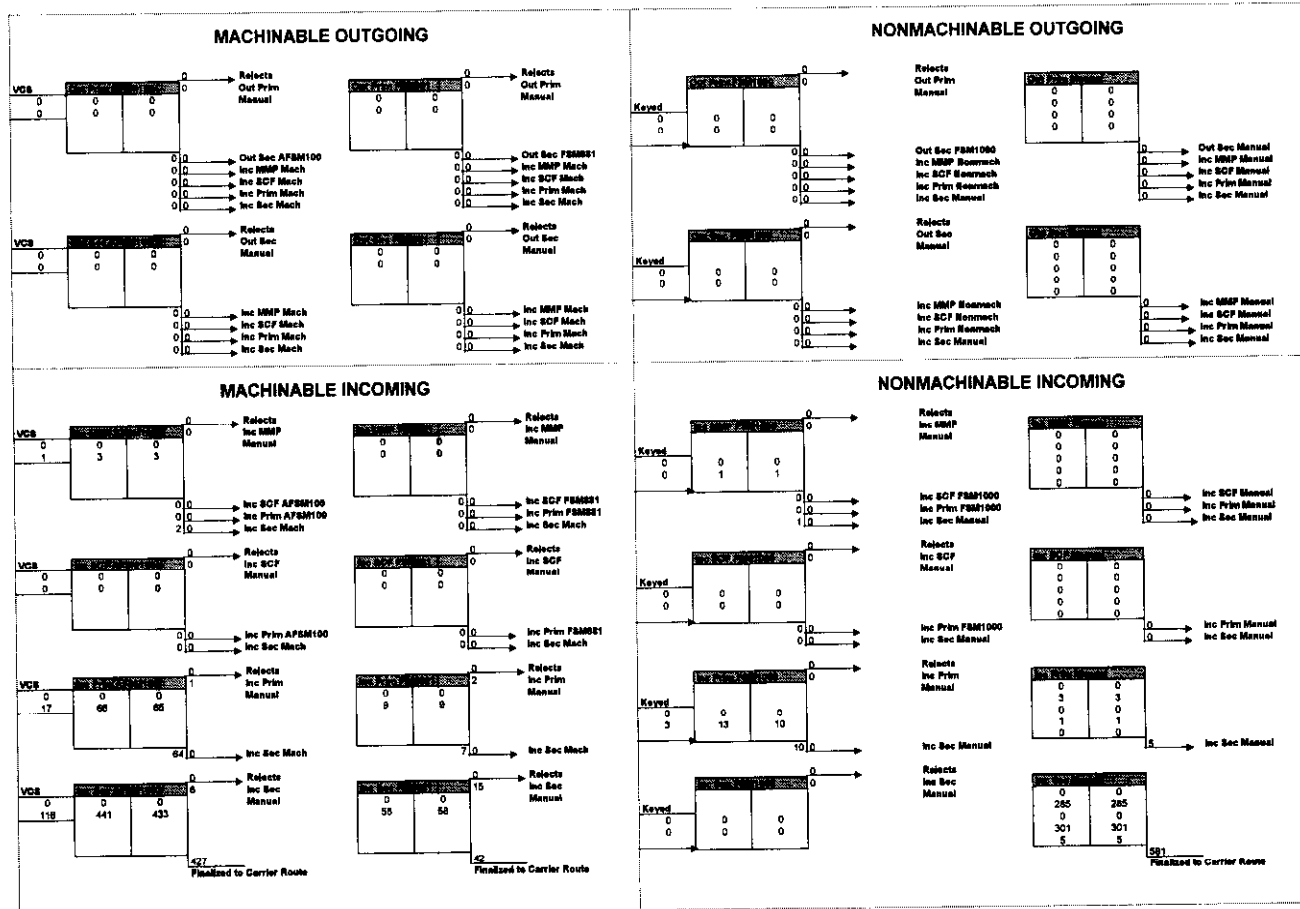
10000

PCS OUT =

10000

PIECE ENTRY POINTS:

SC Mach Out Prim	0	Non-SC Mach Out Prim	0	SC Nonmach Out Prim	0	Non-SC Nonmach Out Prim	0
SC Mach Out Sec	0	Non-SC Mach Out Sec	0	SC Nonmach Out Sec	0	Non-SC Nonmach Out Sec	0
SC Mach Inc MMF	0	Non-SC Mach Inc MMF	3	SC Nonmach Inc MMF	0	Non-SC Nonmach Inc MMF	1
SC Mach Inc SCF	0	Non-SC Mach Inc SCF	0	SC Nonmach Inc SCF	0	Non-SC Nonmach Inc SCF	0
SC Mach Inc Prim	0	Non-SC Mach Inc Prim	74	SC Nonmach Inc Prim	0	Non-SC Nonmach Inc Prim	11
SC Mach Inc Sec	0	Non-SC Mach Inc Sec	852	SC Nonmach Inc Sec	0	Non-SC Nonmach Inc Sec	290



**BASIC AUTO PRESORT
COST SHEET**

Operation	(1) Volume	(2) Packages or Pieces Per Hour	(3) Wage Rate	(4) Direct Cents Per Piece	(5) Piggyback Factor	(6) Premium Pay Factor	(7) Premium Pay Adjust	(8) Total Cents Per Piece	(9) Weighted Cents Per Piece
Outgoing Primary (Package)									
Mechanized	212	367	\$30.840	8.411	1.676	1.019	0.159	14.256	0.303
Manual	97	80	\$30.840	38.723	1.598	1.019	0.732	62.610	0.610
Incoming MMP (Package)									
Mechanized	201	367	\$30.840	8.411	1.676	1.019	0.159	14.256	0.286
Manual	57	180	\$30.840	17.160	1.598	1.019	0.325	27.746	0.157
Incoming Primary (Package)									
Mechanized	0	367	\$30.840	8.411	1.676	1.019	0.159	14.256	0.000
Manual	0	222	\$30.840	13.910	1.598	1.019	0.263	22.490	0.000
Incoming Secondary (Package)									
Mechanized	0	367	\$30.840	8.411	1.676	1.019	0.159	14.256	0.000
Manual	0	431	\$30.840	7.156	1.598	1.019	0.135	11.570	0.000
Outgoing Primary (Piece)									
AFSM100 Auto	2,070	2,343	\$30.840	1.316	1.746	1.019	0.025	2.323	0.481
VCS Keying	127	395	\$20.409	5.167	1.459	1.019	0.098	7.636	0.097
FSM881 Auto	305	1,142	\$30.840	2.701	1.416	1.019	0.051	3.875	0.118
FSM1000 Auto	728	543	\$30.840	5.677	1.587	1.019	0.107	9.117	0.663
FSM1000 Keying	42	791	\$30.840	3.901	1.587	1.019	0.074	6.265	0.026
Manual	128	614	\$30.840	5.022	1.398	1.019	0.095	7.118	0.091
Outgoing Secondary (Piece)									
AFSM100 Auto	168	3,328	\$30.840	0.927	1.746	1.019	0.018	1.635	0.028
VCS Keying	10	395	\$20.409	5.167	1.459	1.019	0.098	7.636	0.008
FSM881 Auto	31	1,304	\$30.840	2.365	1.416	1.019	0.045	3.393	0.010
FSM1000 Auto	89	1,351	\$30.840	2.282	1.587	1.019	0.043	3.665	0.033
FSM1000 Keying	5	981	\$30.840	3.143	1.587	1.019	0.059	5.048	0.002
Manual	17	600	\$30.840	5.140	1.398	1.019	0.097	7.285	0.012
Incoming MMP (Piece)									
AFSM100 Auto	5,762	2,085	\$30.840	1.479	1.746	1.019	0.028	2.610	1.504
VCS Keying	353	395	\$20.409	5.167	1.459	1.019	0.098	7.636	0.270
FSM881 Auto	780	886	\$30.840	3.479	1.416	1.019	0.066	4.992	0.389
FSM1000 Auto	2,327	1,589	\$30.840	1.941	1.587	1.019	0.037	3.116	0.725
FSM1000 Keying	126	685	\$30.840	4.501	1.587	1.019	0.085	7.229	0.091
Manual	405	562	\$30.840	5.488	1.398	1.019	0.104	7.778	0.315
Incoming SCF (Piece)									
AFSM100 Auto	1,470	2,249	\$30.840	1.371	1.746	1.019	0.026	2.421	0.356
VCS Keying	90	395	\$20.409	5.167	1.459	1.019	0.098	7.636	0.069
FSM881 Auto	233	974	\$30.840	3.165	1.416	1.019	0.060	4.542	0.106
FSM1000 Auto	649	1,582	\$30.840	1.949	1.587	1.019	0.037	3.130	0.203
FSM1000 Keying	35	785	\$30.840	3.928	1.587	1.019	0.074	6.308	0.022
Manual	152	768	\$30.840	4.018	1.398	1.019	0.076	5.695	0.086
Incoming Primary (Piece)									
AFSM100 Auto	639	1,931	\$30.840	1.597	1.746	1.019	0.030	2.819	0.180
VCS Keying	39	395	\$20.409	5.167	1.459	1.019	0.098	7.636	0.030
FSM881 Auto	85	946	\$30.840	3.260	1.416	1.019	0.062	4.678	0.040
FSM1000 Auto	352	1,214	\$30.840	2.541	1.587	1.019	0.048	4.081	0.144
FSM1000 Keying	20	746	\$30.840	4.134	1.587	1.019	0.078	6.639	0.013
Manual	88	549	\$30.840	5.614	1.398	1.019	0.106	7.958	0.070
Incoming Secondary (Piece)									
AFSM100 Auto	4,154	2,305	\$30.840	1.338	1.746	1.019	0.025	2.361	0.981
VCS Keying	255	395	\$20.409	5.167	1.459	1.019	0.098	7.636	0.194
FSM881 Auto	518	953	\$30.840	3.237	1.416	1.019	0.061	4.645	0.241
FSM1000 Auto	0	1,650	\$30.840	1.899	1.587	1.019	0.035	3.002	0.000
FSM1000 Keying	0	878	\$30.840	3.511	1.587	1.019	0.066	5.638	0.000
Manual	5,444	594	\$30.840	5.189	1.398	1.019	0.098	7.355	4.004

(10)
MODEL COST = **12.968**

(1) Values From Page 46
 (2) Values From Page 60
 (3) Values From Page 61
 (4) $[(3) * (100 \text{ cents/dollar})] / (2)$
 (5) Values From Page 62

(6) Values From Page 61
 (7) $[(6) - 1] * (4)$
 (8) $(4) * (5) + (7)$
 (9) $(1) * (8) / 10,000 \text{ Pieces}$
 (10) Sum (9)

BASIC AUTO PRESORT MAIL FLOW MODEL

PCS IN =

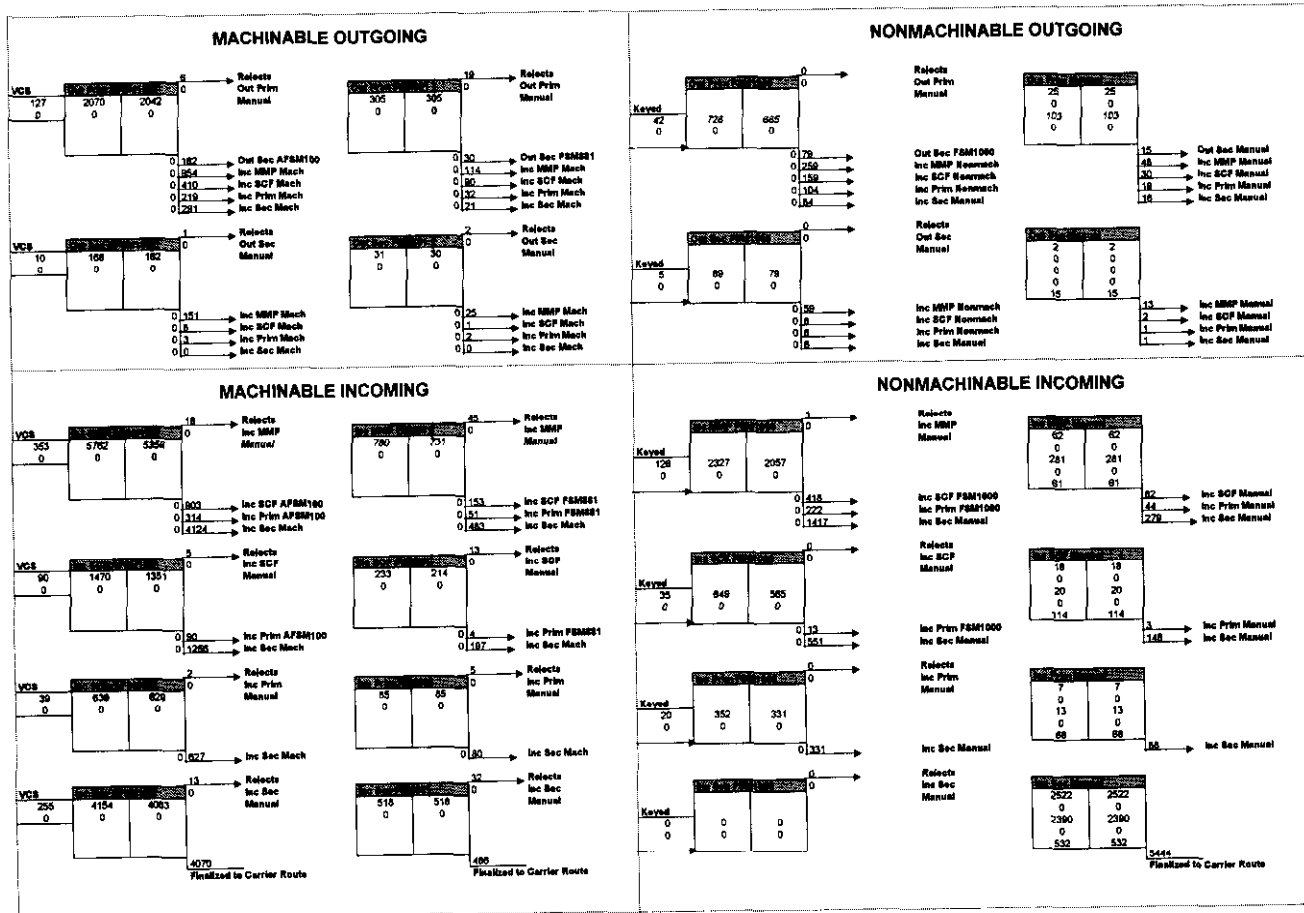
10000

PCS OUT =

10000

PIECE ENTRY POINTS:

BC Mach Out Prim	2347	Non-BC Mach Out Prim	0	BC Nonmach Out Prim	768	Non-BC Nonmach Out Prim	0
BC Mach Out Sec	0	Non-BC Mach Out Sec	0	BC Nonmach Out Sec	0	Non-BC Nonmach Out Sec	0
BC Mach Inc MMMP	4048	Non-BC Mach Inc MMMP	0	BC Nonmach Inc MMMP	2019	Non-BC Nonmach Inc MMMP	0
BC Mach Inc SCF	0	Non-BC Mach Inc SCF	0	BC Nonmach Inc SCF	0	Non-BC Nonmach Inc SCF	0
BC Mach Inc Prim	0	Non-BC Mach Inc Prim	0	BC Nonmach Inc Prim	0	Non-BC Nonmach Inc Prim	0
BC Mach Inc Sec	0	Non-BC Mach Inc Sec	0	BC Nonmach Inc Sec	0	Non-BC Nonmach Inc Sec	0



**BASIC AUTO PRESORT (PRESORT LEVELS HELD CONSTANT)
COST SHEET**

	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
<u>Operation</u>	<u>Volume</u>	<u>Packages or Pieces Per Hour</u>	<u>Wage Rate</u>	<u>Direct Cents Per Piece</u>	<u>Piggyback Factor</u>	<u>Premium Pay Factor</u>	<u>Premium Pay Adjust</u>	<u>Total Cents Per Piece</u>	<u>Weighted Cents Per Piece</u>
Outgoing Primary (Package)									
Mechanized	213	367	\$30.840	8.411	1.676	1.019	0.159	14.256	0.304
Manual	96	80	\$30.840	38.723	1.598	1.019	0.732	62.610	0.803
Incoming MMP (Package)									
Mechanized	225	367	\$30.840	8.411	1.676	1.019	0.159	14.256	0.321
Manual	61	180	\$30.840	17.160	1.598	1.019	0.325	27.746	0.169
Incoming Primary (Package)									
Mechanized	14	367	\$30.840	8.411	1.676	1.019	0.159	14.256	0.020
Manual	6	222	\$30.840	13.910	1.598	1.019	0.263	22.490	0.014
Incoming Secondary (Package)									
Mechanized	0	367	\$30.840	8.411	1.676	1.019	0.159	14.256	0.000
Manual	0	431	\$30.840	7.156	1.598	1.019	0.135	11.670	0.000
Outgoing Primary (Piece)									
AFSM100 Auto	1,000	2,343	\$30.840	1.316	1.746	1.019	0.025	2.323	0.232
VCS Keying	61	395	\$20.409	5.167	1.459	1.019	0.098	7.636	0.047
FSM881 Auto	147	1,142	\$30.840	2.701	1.416	1.019	0.051	3.875	0.057
FSM1000 Auto	1,484	543	\$30.840	5.677	1.587	1.019	0.107	9.117	1.353
FSM1000 Keying	86	791	\$30.840	3.901	1.587	1.019	0.074	6.285	0.054
Manual	221	614	\$30.840	5.022	1.398	1.019	0.095	7.118	0.158
Outgoing Secondary (Piece)									
AFSM100 Auto	81	3,328	\$30.840	0.927	1.746	1.019	0.018	1.635	0.013
VCS Keying	5	395	\$20.409	5.167	1.459	1.019	0.098	7.636	0.004
FSM881 Auto	15	1,304	\$30.840	2.365	1.416	1.019	0.045	3.393	0.005
FSM1000 Auto	182	1,351	\$30.840	2.282	1.587	1.019	0.043	3.665	0.067
FSM1000 Keying	10	981	\$30.840	3.143	1.587	1.019	0.059	5.048	0.005
Manual	27	600	\$30.840	5.140	1.398	1.019	0.097	7.285	0.020
Incoming MMP (Piece)									
AFSM100 Auto	2,647	2,085	\$30.840	1.479	1.746	1.019	0.028	2.610	0.691
VCS Keying	162	395	\$20.409	5.167	1.459	1.019	0.098	7.636	0.124
FSM881 Auto	358	886	\$30.840	3.479	1.416	1.019	0.066	4.992	0.179
FSM1000 Auto	2,885	1,589	\$30.840	1.941	1.587	1.019	0.037	3.116	0.899
FSM1000 Keying	156	885	\$30.840	4.501	1.587	1.019	0.085	7.229	0.113
Manual	481	562	\$30.840	5.488	1.398	1.019	0.104	7.778	0.374
Incoming SCF (Piece)									
AFSM100 Auto	686	2,249	\$30.840	1.371	1.746	1.019	0.026	2.421	0.166
VCS Keying	42	395	\$20.409	5.167	1.459	1.019	0.098	7.636	0.032
FSM881 Auto	109	974	\$30.840	3.165	1.416	1.019	0.060	4.542	0.049
FSM1000 Auto	939	1,582	\$30.840	1.949	1.587	1.019	0.037	3.130	0.294
FSM1000 Keying	50	785	\$30.840	3.928	1.587	1.019	0.074	6.308	0.032
Manual	201	768	\$30.840	4.018	1.398	1.019	0.076	5.695	0.115
Incoming Primary (Piece)									
AFSM100 Auto	961	1,931	\$30.840	1.597	1.746	1.019	0.030	2.819	0.271
VCS Keying	59	395	\$20.409	5.167	1.459	1.019	0.098	7.636	0.045
FSM881 Auto	128	946	\$30.840	3.260	1.416	1.019	0.062	4.678	0.060
FSM1000 Auto	1,358	1,214	\$30.840	2.541	1.587	1.019	0.048	4.081	0.554
FSM1000 Keying	78	746	\$30.840	4.134	1.587	1.019	0.078	6.639	0.052
Manual	238	549	\$30.840	5.614	1.398	1.019	0.106	7.958	0.190
Incoming Secondary (Piece)									
AFSM100 Auto	2,759	2,305	\$30.840	1.338	1.746	1.019	0.025	2.361	0.651
VCS Keying	169	395	\$20.409	5.167	1.459	1.019	0.098	7.636	0.129
FSM881 Auto	348	953	\$30.840	3.237	1.416	1.019	0.061	4.645	0.162
FSM1000 Auto	0	1,650	\$30.840	1.869	1.587	1.019	0.035	3.002	0.000
FSM1000 Keying	0	878	\$30.840	3.511	1.587	1.019	0.066	5.638	0.000
Manual	6,970	594	\$30.840	5.189	1.398	1.019	0.098	7.355	5.126

(10)
MODEL COST = 13.763

(1) Values From Page 48
 (2) Values From Page 60
 (3) Values From Page 61
 (4) [(3) * (100 cents/dollar)] / (2)
 (5) Values From Page 62

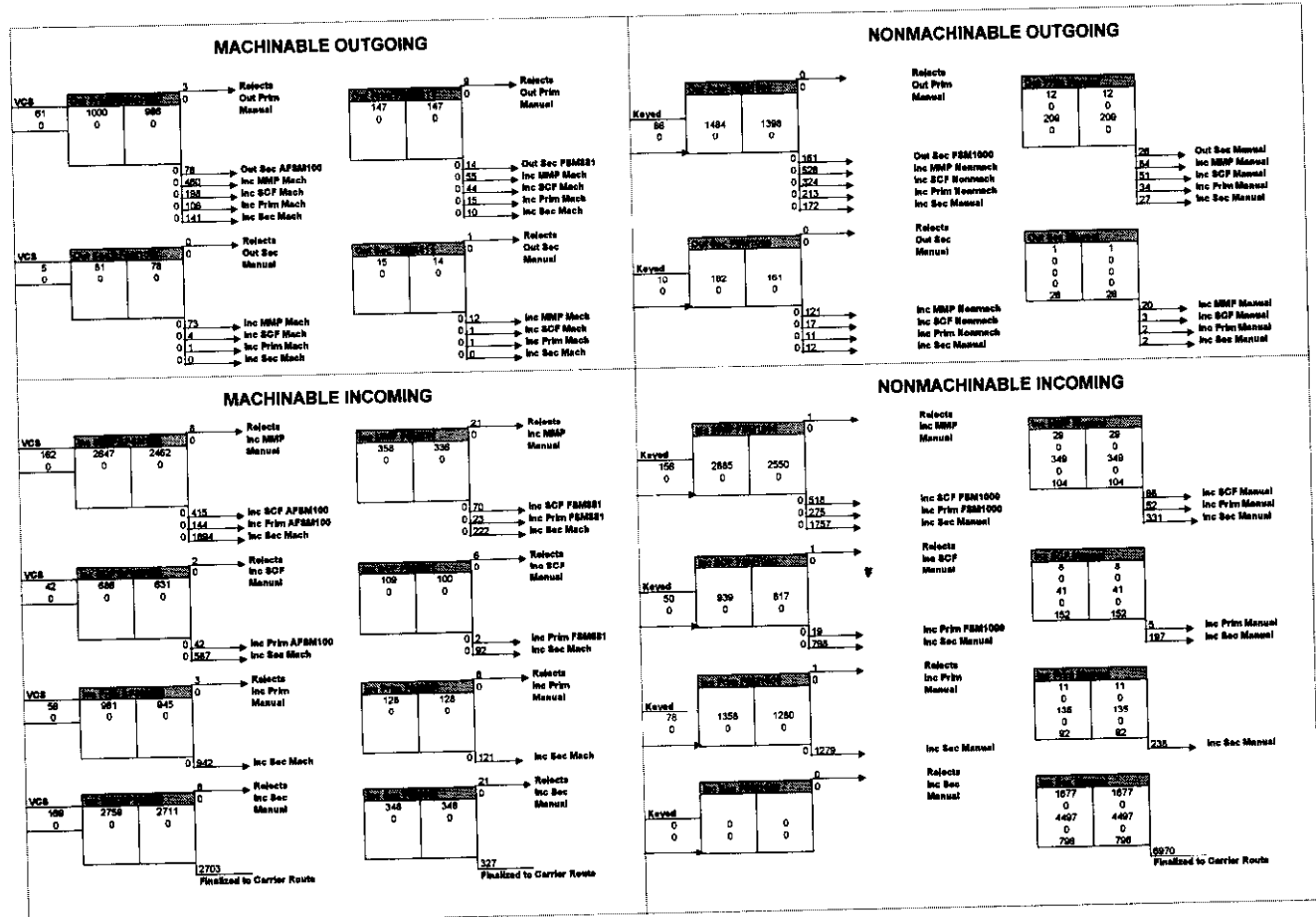
(6) Values From Page 61
 (7) [(6) - 1] * (4)
 (8) (4) * (5) + (7)
 (9) (1) * (8) / 10,000 Pieces
 (10) Sum (9)

BASIC AUTO PRESORT (PRESORT LEVELS HELD CONSTANT) MAIL FLOW MODEL

PCS IN = 10000 PCS OUT = 10000

PIECE ENTRY POINTS:

BC Mach Out Prim	1133	Non-BC Mach Out Prim	0	BC Nonmach Out Prim	1507	Non-BC Nonmach Out Prim	0
BC Mach Out Sec	0	Non-BC Mach Out Sec	0	BC Nonmach Out Sec	0	Non-BC Nonmach Out Sec	0
BC Mach Inc NMMP	2197	Non-BC Mach Inc NMMP	0	BC Nonmach Inc NMMP	2248	Non-BC Nonmach Inc NMMP	0
BC Mach Inc SCF	0	Non-BC Mach Inc SCF	0	BC Nonmach Inc SCF	0	Non-BC Nonmach Inc SCF	0
BC Mach Inc Prim	739	Non-BC Mach Inc Prim	0	BC Nonmach Inc Prim	987	Non-BC Nonmach Inc Prim	0
BC Mach Inc Sec	700	Non-BC Mach Inc Sec	0	BC Nonmach Inc Sec	479	Non-BC Nonmach Inc Sec	0



3-DIGIT AUTO PRESORT
COST SHEET

	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
<u>Operation</u>	<u>Volume</u>	<u>Packages or Pieces Per Hour</u>	<u>Wage Rate</u>	<u>Direct Cents Per Piece</u>	<u>Piggyback Factor</u>	<u>Premium Pay Factor</u>	<u>Premium Pay Adjust</u>	<u>Total Cents Per Piece</u>	<u>Weighted Cents Per Piece</u>
Outgoing Primary (Package)									
Mechanized	7	367	\$30.840	8.411	1.676	1.019	0.159	14.256	0.010
Manual	7	80	\$30.840	38.723	1.598	1.019	0.732	62.610	0.045
Incoming MMP (Package)									
Mechanized	109	367	\$30.840	8.411	1.676	1.019	0.159	14.256	0.155
Manual	26	180	\$30.840	17.160	1.598	1.019	0.325	27.746	0.072
Incoming Primary (Package)									
Mechanized	263	367	\$30.840	8.411	1.676	1.019	0.159	14.256	0.375
Manual	107	222	\$30.840	13.910	1.598	1.019	0.283	22.490	0.241
Incoming Secondary (Package)									
Mechanized	0	367	\$30.840	8.411	1.676	1.019	0.159	14.256	0.000
Manual	0	431	\$30.840	7.156	1.598	1.019	0.135	11.570	0.000
Outgoing Primary (Piece)									
AFSM100 Auto	19	2,343	\$30.840	1.316	1.746	1.019	0.025	2.323	0.004
VCS Keying	1	395	\$20.409	5.167	1.459	1.019	0.098	7.636	0.001
FSM881 Auto	3	1,142	\$30.840	2.701	1.416	1.019	0.051	3.875	0.001
FSM1000 Auto	9	543	\$30.840	5.677	1.587	1.019	0.107	9.117	0.008
FSM1000 Keying	1	791	\$30.840	3.901	1.587	1.019	0.074	6.265	0.000
Manual	2	614	\$30.840	5.022	1.398	1.019	0.095	7.118	0.001
Outgoing Secondary (Piece)									
AFSM100 Auto	2	3,328	\$30.840	0.927	1.746	1.019	0.018	1.635	0.000
VCS Keying	0	395	\$20.409	5.167	1.459	1.019	0.098	7.636	0.000
FSM881 Auto	0	1,304	\$30.840	2.365	1.416	1.019	0.045	3.393	0.000
FSM1000 Auto	1	1,351	\$30.840	2.282	1.587	1.019	0.043	3.665	0.000
FSM1000 Keying	0	981	\$30.840	3.143	1.587	1.019	0.059	5.048	0.000
Manual	0	600	\$30.840	5.140	1.398	1.019	0.097	7.285	0.000
Incoming MMP (Piece)									
AFSM100 Auto	136	2,085	\$30.840	1.479	1.746	1.019	0.028	2.610	0.036
VCS Keying	8	395	\$20.409	5.167	1.459	1.019	0.098	7.636	0.006
FSM881 Auto	18	886	\$30.840	3.479	1.416	1.019	0.066	4.992	0.009
FSM1000 Auto	86	1,589	\$30.840	1.941	1.587	1.019	0.037	3.116	0.027
FSM1000 Keying	5	685	\$30.840	4.501	1.587	1.019	0.085	7.229	0.003
Manual	13	562	\$30.840	5.488	1.398	1.019	0.104	7.778	0.010
Incoming SCF (Piece)									
AFSM100 Auto	28	2,249	\$30.840	1.371	1.746	1.019	0.026	2.421	0.007
VCS Keying	2	395	\$20.409	5.167	1.459	1.019	0.098	7.636	0.001
FSM881 Auto	5	974	\$30.840	3.165	1.416	1.019	0.060	4.542	0.002
FSM1000 Auto	20	1,582	\$30.840	1.949	1.587	1.019	0.037	3.130	0.006
FSM1000 Keying	1	785	\$30.840	3.928	1.587	1.019	0.074	6.308	0.001
Manual	4	768	\$30.840	4.018	1.398	1.019	0.076	5.695	0.002
Incoming Primary (Piece)									
AFSM100 Auto	6,258	1,931	\$30.840	1.597	1.746	1.019	0.030	2.819	1.764
VCS Keying	384	395	\$20.409	5.167	1.459	1.019	0.098	7.636	0.293
FSM881 Auto	839	946	\$30.840	3.260	1.416	1.019	0.062	4.678	0.392
FSM1000 Auto	2,604	1,214	\$30.840	2.541	1.587	1.019	0.048	4.081	1.063
FSM1000 Keying	150	746	\$30.840	4.134	1.587	1.019	0.078	6.639	0.100
Manual	407	549	\$30.840	5.614	1.398	1.019	0.106	7.958	0.324
Incoming Secondary (Piece)									
AFSM100 Auto	4,137	2,305	\$30.840	1.338	1.746	1.019	0.025	2.361	0.977
VCS Keying	254	395	\$20.409	5.167	1.459	1.019	0.098	7.636	0.194
FSM881 Auto	522	953	\$30.840	3.237	1.416	1.019	0.061	4.645	0.242
FSM1000 Auto	0	1,650	\$30.840	1.869	1.587	1.019	0.035	3.002	0.000
FSM1000 Keying	0	878	\$30.840	3.511	1.587	1.019	0.066	5.638	0.000
Manual	5,457	594	\$30.840	5.189	1.398	1.019	0.098	7.355	4.013

(10)
MODEL COST = 10.387

(1) Values From Page 50
 (2) Values From Page 60
 (3) Values From Page 61
 (4) $[(3) * (100 \text{ cents/dollar})] / (2)$
 (5) Values From Page 62

(6) Values From Page 61
 (7) $[(6) - 1] * (4)$
 (8) $(4) * (6) + (7)$
 (9) $(1) * (8) / 10,000 \text{ Pieces}$
 (10) Sum (9)

3-DIGIT AUTO PRESORT
MAIL FLOW MODEL

PCS IN =

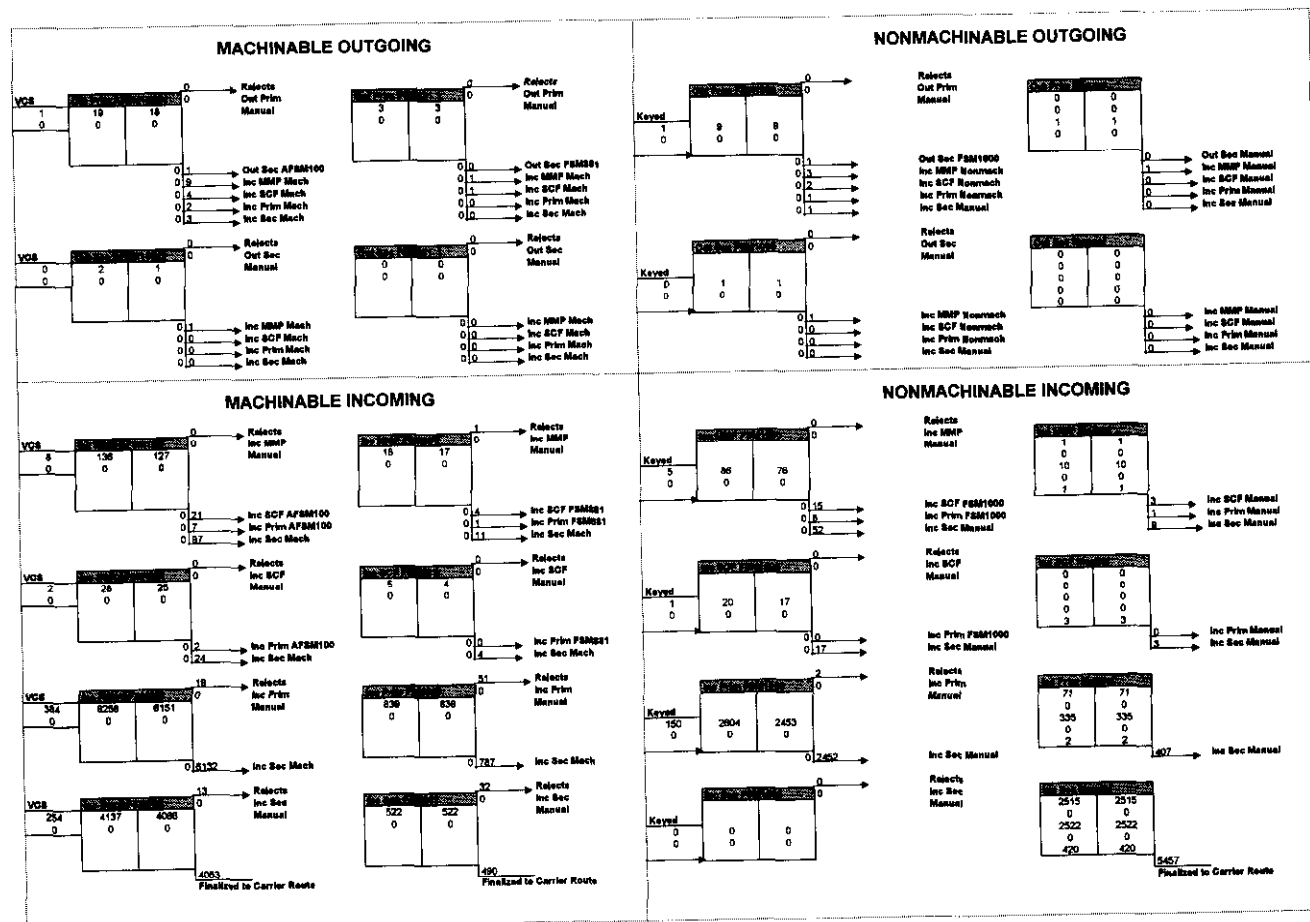
10000

PCS OUT =

10000

PIECE ENTRY POINTS:

BC Mach Out Prim	21	Non-BC Mach Out Prim	0	BC Nonmach Out Prim	10	Non-BC Nonmach Out Prim	0
BC Mach Out Sec	0	Non-BC Mach Out Sec	0	BC Nonmach Out Sec	0	Non-BC Nonmach Out Sec	0
BC Mach Inc MMF	133	Non-BC Mach Inc MMF	0	BC Nonmach Inc MMF	0	Non-BC Nonmach Inc MMF	0
BC Mach Inc SCF	0	Non-BC Mach Inc SCF	0	BC Nonmach Inc SCF	0	Non-BC Nonmach Inc SCF	0
BC Mach Inc Prim	5977	Non-BC Mach Inc Prim	0	BC Nonmach Inc Prim	2777	Non-BC Nonmach Inc Prim	0
BC Mach Inc Sec	0	Non-BC Mach Inc Sec	0	BC Nonmach Inc Sec	0	Non-BC Nonmach Inc Sec	0



**3-DIGIT AUTO PRESORT (PRESORT LEVELS HELD CONSTANT)
COST SHEET**

	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
<u>Operation</u>	<u>Volume</u>	<u>Packages or Pieces Per Hour</u>	<u>Wage Rate</u>	<u>Direct Cents Per Piece</u>	<u>Piggyback Factor</u>	<u>Premium Pay Factor</u>	<u>Premium Pay Adjust</u>	<u>Total Cents Per Piece</u>	<u>Weighted Cents Per Piece</u>
Outgoing Primary (Package)									
Mecharized	0	367	\$30.840	8.411	1.676	1.019	0.159	14.256	0.000
Manual	0	80	\$30.840	38.723	1.598	1.019	0.732	82.610	0.000
Incoming MMP (Package)									
Mecharized	26	367	\$30.840	8.411	1.676	1.019	0.159	14.256	0.037
Manual	6	180	\$30.840	17.160	1.598	1.019	0.325	27.746	0.018
Incoming Primary (Package)									
Mecharized	75	367	\$30.840	8.411	1.676	1.019	0.159	14.256	0.107
Manual	401	222	\$30.840	13.910	1.598	1.019	0.263	22.490	0.902
Incoming Secondary (Package)									
Mecharized	0	367	\$30.840	8.411	1.676	1.019	0.159	14.256	0.000
Manual	0	431	\$30.840	7.156	1.598	1.019	0.135	11.570	0.000
Outgoing Primary (Piece)									
AFSM100 Auto	0	2,343	\$30.840	1.318	1.746	1.019	0.025	2.323	0.000
VCS Keying	0	395	\$20.409	5.167	1.459	1.019	0.098	7.636	0.000
FSM881 Auto	0	1,142	\$30.840	2.701	1.416	1.019	0.051	3.875	0.000
FSM1000 Auto	0	543	\$30.840	5.677	1.587	1.019	0.107	9.117	0.000
FSM1000 Keying	0	791	\$30.840	3.901	1.587	1.019	0.074	6.255	0.000
Manual	0	614	\$30.840	5.022	1.398	1.019	0.095	7.118	0.000
Outgoing Secondary (Piece)									
AFSM100 Auto	0	3,328	\$30.840	0.927	1.746	1.019	0.018	1.835	0.000
VCS Keying	0	395	\$20.409	5.167	1.459	1.019	0.098	7.636	0.000
FSM881 Auto	0	1,304	\$30.840	2.365	1.416	1.019	0.045	3.393	0.000
FSM1000 Auto	0	1,351	\$30.840	2.282	1.587	1.019	0.043	3.685	0.000
FSM1000 Keying	0	981	\$30.840	3.143	1.587	1.019	0.059	5.048	0.000
Manual	0	600	\$30.840	5.140	1.398	1.019	0.097	7.285	0.000
Incoming MMP (Piece)									
AFSM100 Auto	5	2,085	\$30.840	1.479	1.746	1.019	0.028	2.610	0.001
VCS Keying	0	395	\$20.409	5.167	1.459	1.019	0.098	7.636	0.000
FSM881 Auto	1	886	\$30.840	3.479	1.416	1.019	0.066	4.992	0.000
FSM1000 Auto	5	1,589	\$30.840	1.941	1.587	1.019	0.037	3.116	0.002
FSM1000 Keying	0	685	\$30.840	4.501	1.587	1.019	0.085	7.229	0.000
Manual	1	562	\$30.840	5.488	1.398	1.019	0.104	7.778	0.000
Incoming SCF (Piece)									
AFSM100 Auto	1	2,249	\$30.840	1.371	1.746	1.019	0.026	2.421	0.000
VCS Keying	0	395	\$20.409	5.167	1.459	1.019	0.098	7.636	0.000
FSM881 Auto	0	974	\$30.840	3.165	1.416	1.019	0.060	4.542	0.000
FSM1000 Auto	1	1,582	\$30.840	1.949	1.587	1.019	0.037	3.130	0.000
FSM1000 Keying	0	785	\$30.840	3.928	1.587	1.019	0.074	6.308	0.000
Manual	0	768	\$30.840	4.018	1.398	1.019	0.076	5.695	0.000
Incoming Primary (Piece)									
AFSM100 Auto	2,931	1,931	\$30.840	1.597	1.746	1.019	0.030	2.819	0.828
VCS Keying	180	395	\$20.409	5.167	1.459	1.019	0.098	7.636	0.137
FSM881 Auto	393	946	\$30.840	3.260	1.416	1.019	0.062	4.678	0.184
FSM1000 Auto	4,419	1,214	\$30.840	2.541	1.587	1.019	0.048	4.081	1.803
FSM1000 Keying	255	746	\$30.840	4.134	1.587	1.019	0.078	6.639	0.169
Manual	803	549	\$30.840	5.614	1.398	1.019	0.106	7.958	0.480
Incoming Secondary (Piece)									
AFSM100 Auto	2,594	2,305	\$30.840	1.338	1.746	1.019	0.025	2.361	0.612
VCS Keying	159	395	\$20.409	5.167	1.459	1.019	0.098	7.636	0.121
FSM881 Auto	333	953	\$30.840	3.237	1.416	1.019	0.061	4.645	0.155
FSM1000 Auto	0	1,650	\$30.840	1.869	1.587	1.019	0.035	3.002	0.000
FSM1000 Keying	0	878	\$30.840	3.511	1.587	1.019	0.066	5.638	0.000
Manual	7,146	594	\$30.840	5.189	1.398	1.019	0.098	7.355	5.256

(10)
MODEL COST = **10.812**

(1) Values From Page 52
 (2) Values From Page 60
 (3) Values From Page 61
 (4) [(3) * (100 cents/dollar)] / (2)
 (5) Values From Page 62

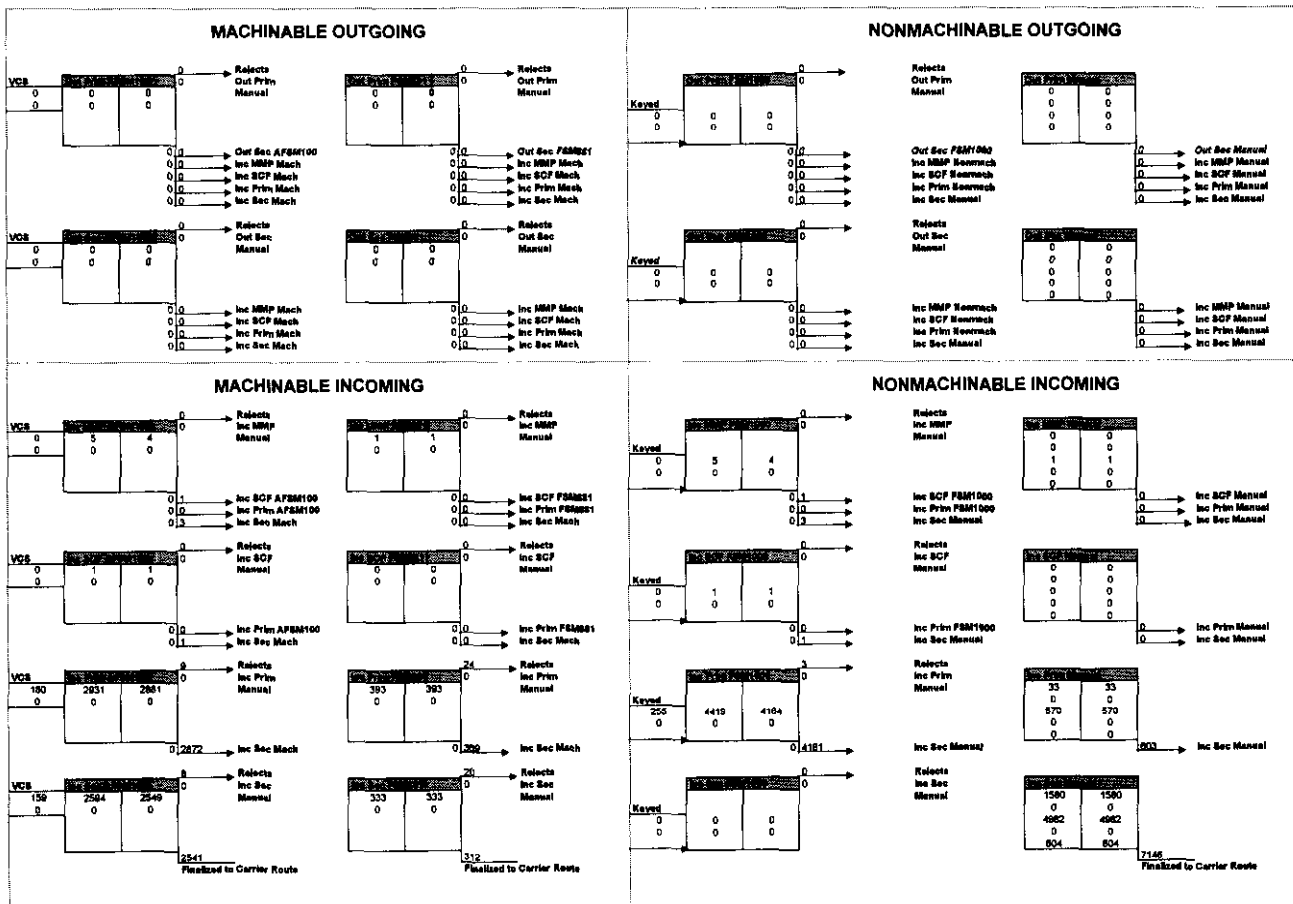
(6) Values From Page 61
 (7) [(6) - 1] * (4)
 (8) (4) * (6) + (7)
 (9) (1) * (8) / 10,000 Pieces
 (10) Sum (9)

3-DIGIT AUTO PRESORT (PRESORT LEVELS HELD CONSTANT) MAIL FLOW MODEL

PCS IN = 10000 PCS OUT = 10000

PIECE ENTRY POINTS:

BC Mach Out Prim	0	Non-BC Mach Out Prim	0	BC Nonmach Out Prim	0	Non-BC Nonmach Out Prim	0
BC Mach Out Sec	0	Non-BC Mach Out Sec	0	BC Nonmach Out Sec	0	Non-BC Nonmach Out Sec	0
BC Mach Inc MMF	0	Non-BC Mach Inc MMF	0	BC Nonmach Inc MMF	0	Non-BC Nonmach Inc MMF	0
BC Mach Inc SCF	0	Non-BC Mach Inc SCF	0	BC Nonmach Inc SCF	0	Non-BC Nonmach Inc SCF	0
BC Mach Inc Prim	3273	Non-BC Mach Inc Prim	0	BC Nonmach Inc Prim	4731	Non-BC Nonmach Inc Prim	0
BC Mach Inc Sec	1188	Non-BC Mach Inc Sec	0	BC Nonmach Inc Sec	787	Non-BC Nonmach Inc Sec	0



**5-DIGIT AUTO PRESORT
COST SHEET**

	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
<u>Operation</u>	<u>Volume</u>	<u>Packages or Pieces Per Hour</u>	<u>Wage Rate</u>	<u>Direct Cents Per Piece</u>	<u>Piggyback Factor</u>	<u>Premium Pay Factor</u>	<u>Premium Pay Adjust</u>	<u>Total Cents Per Piece</u>	<u>Weighted Cents Per Piece</u>
Outgoing Primary (Package)									
Mechanized	0	367	\$30.840	8.411	1.676	1.019	0.159	14.256	0.001
Manual	0	80	\$30.840	38.723	1.598	1.019	0.732	62.610	0.000
Incoming MMP (Package)									
Mechanized	61	367	\$30.840	8.411	1.676	1.019	0.159	14.256	0.087
Manual	15	180	\$30.840	17.160	1.598	1.019	0.325	27.746	0.042
Incoming Primary (Package)									
Mechanized	194	367	\$30.840	8.411	1.676	1.019	0.159	14.256	0.277
Manual	87	222	\$30.840	13.910	1.598	1.019	0.263	22.480	0.196
Incoming Secondary (Package)									
Mechanized	0	367	\$30.840	8.411	1.676	1.019	0.159	14.256	0.000
Manual	0	431	\$30.840	7.156	1.598	1.019	0.135	11.570	0.000
Outgoing Primary (Piece)									
AFSM100 Auto	1	2,343	\$30.840	1.316	1.746	1.019	0.025	2.323	0.000
VCS Keying	0	395	\$20.409	5.167	1.459	1.019	0.098	7.636	0.000
FSM881 Auto	0	1,142	\$30.840	2.701	1.416	1.019	0.051	3.875	0.000
FSM1000 Auto	0	543	\$30.840	5.677	1.587	1.019	0.107	9.117	0.000
FSM1000 Keying	0	791	\$30.840	3.901	1.587	1.019	0.074	6.265	0.000
Manual	0	614	\$30.840	5.022	1.398	1.019	0.095	7.118	0.000
Outgoing Secondary (Piece)									
AFSM100 Auto	0	3,328	\$30.840	0.927	1.746	1.019	0.018	1.635	0.000
VCS Keying	0	395	\$20.409	5.167	1.459	1.019	0.098	7.636	0.000
FSM881 Auto	0	1,304	\$30.840	2.365	1.416	1.019	0.045	3.393	0.000
FSM1000 Auto	0	1,351	\$30.840	2.282	1.587	1.019	0.043	3.685	0.000
FSM1000 Keying	0	981	\$30.840	3.143	1.587	1.019	0.059	5.048	0.000
Manual	0	600	\$30.840	5.140	1.398	1.019	0.097	7.285	0.000
Incoming MMP (Piece)									
AFSM100 Auto	22	2,085	\$30.840	1.479	1.746	1.019	0.028	2.610	0.006
VCS Keying	1	395	\$20.409	5.167	1.459	1.019	0.098	7.636	0.001
FSM881 Auto	3	886	\$30.840	3.479	1.416	1.019	0.066	4.992	0.001
FSM1000 Auto	9	1,589	\$30.840	1.941	1.587	1.019	0.037	3.116	0.003
FSM1000 Keying	0	685	\$30.840	4.501	1.587	1.019	0.085	7.229	0.000
Manual	1	562	\$30.840	5.488	1.398	1.019	0.104	7.778	0.001
Incoming SCF (Piece)									
AFSM100 Auto	4	2,249	\$30.840	1.371	1.746	1.019	0.026	2.421	0.001
VCS Keying	0	395	\$20.409	5.167	1.459	1.019	0.098	7.636	0.000
FSM881 Auto	1	974	\$30.840	3.185	1.416	1.019	0.060	4.542	0.000
FSM1000 Auto	2	1,582	\$30.840	1.949	1.587	1.019	0.037	3.130	0.001
FSM1000 Keying	0	785	\$30.840	3.928	1.587	1.019	0.074	6.308	0.000
Manual	0	768	\$30.840	4.018	1.398	1.019	0.076	5.695	0.000
Incoming Primary (Piece)									
AFSM100 Auto	201	1,931	\$30.840	1.597	1.746	1.019	0.030	2.819	0.057
VCS Keying	12	395	\$20.409	5.167	1.459	1.019	0.098	7.636	0.009
FSM881 Auto	27	946	\$30.840	3.260	1.416	1.019	0.062	4.678	0.013
FSM1000 Auto	62	1,214	\$30.840	2.541	1.587	1.019	0.048	4.081	0.025
FSM1000 Keying	4	746	\$30.840	4.134	1.587	1.019	0.078	6.839	0.002
Manual	10	549	\$30.840	5.614	1.398	1.019	0.106	7.958	0.008
Incoming Secondary (Piece)									
AFSM100 Auto	3,875	2,305	\$30.840	1.338	1.746	1.019	0.025	2.361	0.915
VCS Keying	238	395	\$20.409	5.167	1.459	1.019	0.098	7.636	0.181
FSM881 Auto	518	953	\$30.840	3.237	1.416	1.019	0.061	4.645	0.241
FSM1000 Auto	0	1,650	\$30.840	1.869	1.587	1.019	0.035	3.002	0.000
FSM1000 Keying	0	878	\$30.840	3.511	1.587	1.019	0.066	5.638	0.000
Manual	5,717	594	\$30.840	5.189	1.398	1.019	0.098	7.355	4.204

(10)
MODEL COST = **6.276**

(1) Values From Page 54
 (2) Values From Page 50
 (3) Values From Page 61
 (4) $[(3) * (100 \text{ cents/dollar})] / (2)$
 (5) Values From Page 62

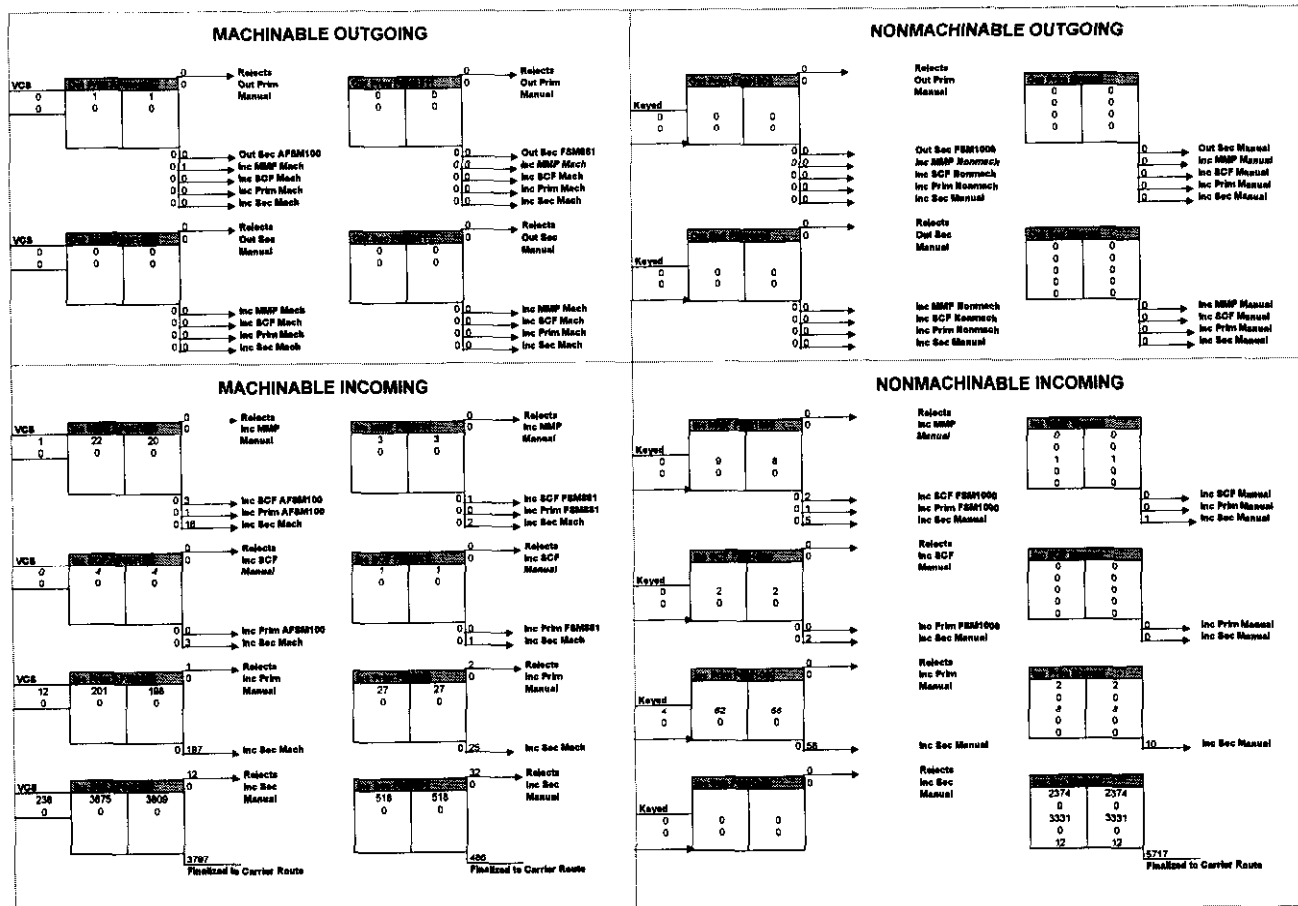
(6) Values From Page 61
 (7) $[(6) - 1] * (4)$
 (8) $(4) * (5) + (7)$
 (9) $(1) * (8) / 10,000 \text{ Pieces}$
 (10) Sum (9)

5-DIGIT AUTO PRESORT MAIL FLOW MODEL

PCS IN = 10000 PCS OUT = 10000

PIECE ENTRY POINTS:

SC Mach Out Prim	2	Non-SC Mach Out Prim	0	SC Nonmach Out Prim	1	Non-SC Nonmach Out Prim	0
SC Mach Out Sec	0	Non-SC Mach Out Sec	0	SC Nonmach Out Sec	0	Non-SC Nonmach Out Sec	0
SC Mach Inc MMF	22	Non-SC Mach Inc MMF	0	SC Nonmach Inc MMF	8	Non-SC Nonmach Inc MMF	0
SC Mach Inc SCF	0	Non-SC Mach Inc SCF	0	SC Nonmach Inc SCF	0	Non-SC Nonmach Inc SCF	0
SC Mach Inc Prim	223	Non-SC Mach Inc Prim	0	SC Nonmach Inc Prim	85	Non-SC Nonmach Inc Prim	0
SC Mach Inc Sec	8413	Non-SC Mach Inc Sec	0	SC Nonmach Inc Sec	3299	Non-SC Nonmach Inc Sec	0



5-DIGIT AUTO PRESORT (PRESORT LEVELS HELD CONSTANT) COST SHEET

	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
<u>Operation</u>	<u>Volume</u>	<u>Packages or Pieces Per Hour</u>	<u>Wage Rate</u>	<u>Direct Cents Per Piece</u>	<u>Piggyback Factor</u>	<u>Premium Pay Factor</u>	<u>Premium Pay Adjust</u>	<u>Total Cents Per Piece</u>	<u>Weighted Cents Per Piece</u>
Outgoing Primary (Package)									
Mechanized	0	367	\$30.840	8.411	1.676	1.019	0.159	14.256	0.000
Manual	0	80	\$30.840	38.723	1.598	1.019	0.732	62.610	0.000
Incoming MMP (Package)									
Mechanized	39	367	\$30.840	8.411	1.676	1.019	0.159	14.256	0.055
Manual	10	180	\$30.840	17.160	1.598	1.019	0.325	27.746	0.027
Incoming Primary (Package)									
Mechanized	104	367	\$30.840	8.411	1.676	1.019	0.159	14.256	0.149
Manual	47	222	\$30.840	13.910	1.598	1.019	0.263	22.490	0.105
Incoming Secondary (Package)									
Mechanized	0	367	\$30.840	8.411	1.676	1.019	0.159	14.256	0.000
Manual	0	431	\$30.840	7.156	1.598	1.019	0.135	11.570	0.000
Outgoing Primary (Piece)									
AFSM100 Auto	0	2,343	\$30.840	1.316	1.746	1.019	0.025	2.323	0.000
VCS Keying	0	395	\$20.409	5.167	1.459	1.019	0.098	7.636	0.000
FSM881 Auto	0	1,142	\$30.840	2.701	1.416	1.019	0.051	3.875	0.000
FSM1000 Auto	0	543	\$30.840	5.677	1.587	1.019	0.107	9.117	0.000
FSM1000 Keying	0	791	\$30.840	3.901	1.587	1.019	0.074	6.265	0.000
Manual	0	614	\$30.840	5.022	1.398	1.019	0.095	7.118	0.000
Outgoing Secondary (Piece)									
AFSM100 Auto	0	3,328	\$30.840	0.927	1.746	1.019	0.018	1.635	0.000
VCS Keying	0	395	\$20.409	5.167	1.459	1.019	0.098	7.636	0.000
FSM881 Auto	0	1,304	\$30.840	2.365	1.416	1.019	0.045	3.393	0.000
FSM1000 Auto	0	1,351	\$30.840	2.282	1.587	1.019	0.043	3.665	0.000
FSM1000 Keying	0	981	\$30.840	3.143	1.587	1.019	0.059	5.048	0.000
Manual	0	600	\$30.840	5.140	1.398	1.019	0.097	7.285	0.000
Incoming MMP (Piece)									
AFSM100 Auto	9	2,085	\$30.840	1.479	1.746	1.019	0.028	2.610	0.002
VCS Keying	1	395	\$20.409	5.167	1.459	1.019	0.098	7.636	0.000
FSM881 Auto	1	886	\$30.840	3.479	1.416	1.019	0.066	4.992	0.001
FSM1000 Auto	4	1,589	\$30.840	1.941	1.587	1.019	0.037	3.116	0.001
FSM1000 Keying	0	685	\$30.840	4.501	1.587	1.019	0.085	7.229	0.000
Manual	1	562	\$30.840	5.488	1.398	1.019	0.104	7.778	0.000
Incoming SCF (Piece)									
AFSM100 Auto	2	2,249	\$30.840	1.371	1.746	1.019	0.026	2.421	0.000
VCS Keying	0	395	\$20.409	5.167	1.459	1.019	0.098	7.636	0.000
FSM881 Auto	0	974	\$30.840	3.165	1.416	1.019	0.060	4.542	0.000
FSM1000 Auto	1	1,582	\$30.840	1.949	1.587	1.019	0.037	3.130	0.000
FSM1000 Keying	0	785	\$30.840	3.928	1.587	1.019	0.074	6.308	0.000
Manual	0	768	\$30.840	4.018	1.398	1.019	0.076	5.695	0.000
Incoming Primary (Piece)									
AFSM100 Auto	44	1,831	\$30.840	1.597	1.746	1.019	0.030	2.819	0.012
VCS Keying	3	395	\$20.409	5.167	1.459	1.019	0.098	7.636	0.002
FSM881 Auto	6	946	\$30.840	3.280	1.416	1.019	0.062	4.878	0.003
FSM1000 Auto	20	1,214	\$30.840	2.541	1.587	1.019	0.048	4.081	0.008
FSM1000 Keying	1	746	\$30.840	4.134	1.587	1.019	0.078	6.639	0.001
Manual	3	549	\$30.840	5.614	1.398	1.019	0.106	7.958	0.002
Incoming Secondary (Piece)									
AFSM100 Auto	2,650	2,305	\$30.840	1.338	1.746	1.019	0.025	2.361	0.626
VCS Keying	162	395	\$20.409	5.167	1.459	1.019	0.098	7.636	0.124
FSM881 Auto	355	953	\$30.840	3.237	1.416	1.019	0.061	4.645	0.165
FSM1000 Auto	0	1,650	\$30.840	1.869	1.587	1.019	0.035	3.002	0.000
FSM1000 Keying	0	878	\$30.840	3.511	1.587	1.019	0.066	5.638	0.000
Manual	7,070	594	\$30.840	5.189	1.398	1.019	0.098	7.355	5.200

(10)
MODEL COST = 6.486

(1) Values From Page 66
(2) Values From Page 60
(3) Values From Page 61
(4) $[(3) * (100 \text{ cents/dollar})] / (2)$
(5) Values From Page 62

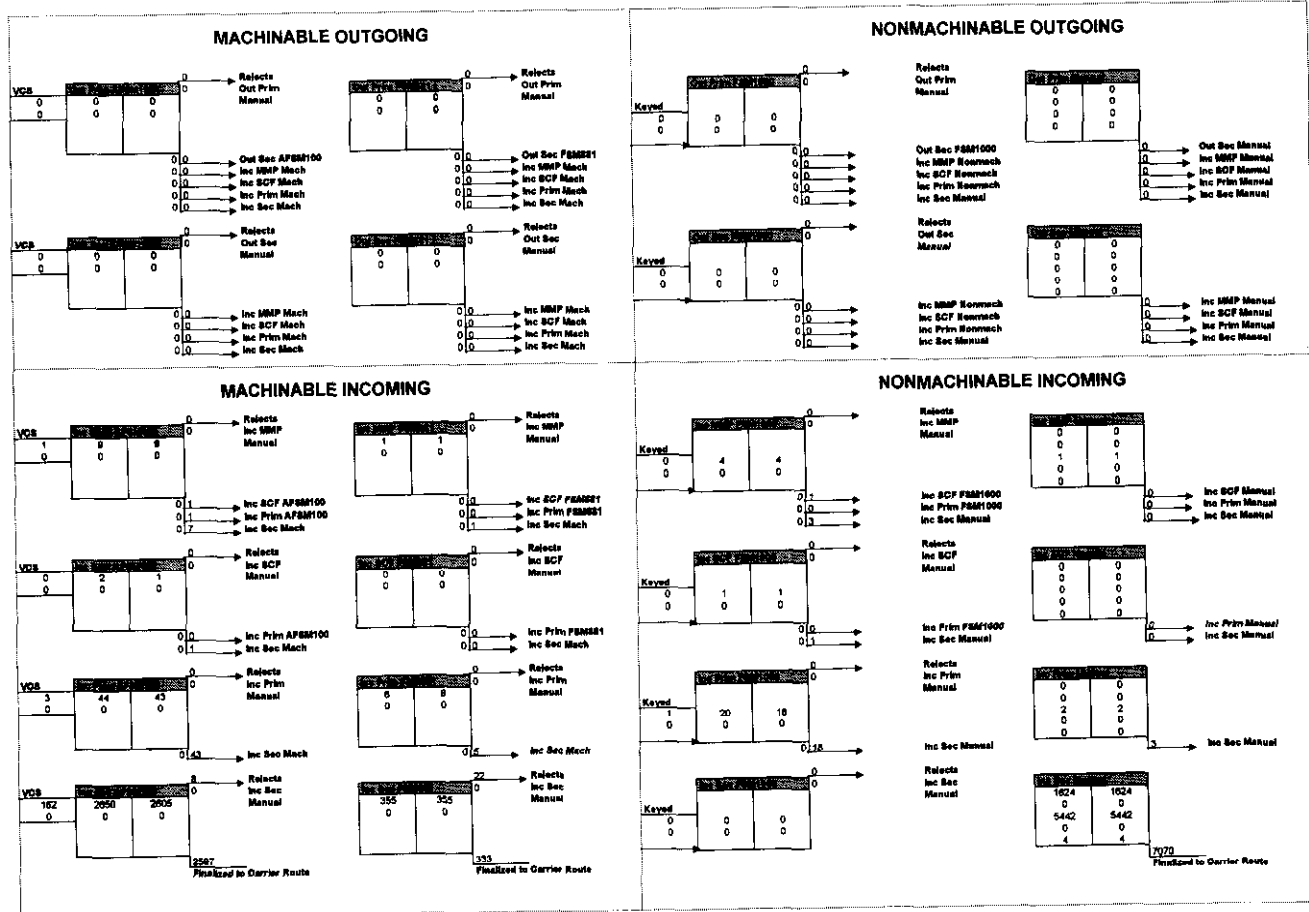
(6) Values From Page 61
(7) $[(6) - 1] * (4)$
(8) $(4) * (6) + (7)$
(9) $(1) * (8) / 10,000 \text{ Pieces}$
(10) Sum (9)

5-DIGIT AUTO PRESORT (PRESORT LEVELS HELD CONSTANT) MAIL FLOW MODEL

PCS IN = 10000 PCS OUT = 10000

PIECE ENTRY POINTS:

BC Mach Out Prim	0	Non-BC Mach Out Prim	0	BC Nonmach Out Prim	0	Non-BC Nonmach Out Prim	0
BC Mach Out Sec	0	Non-BC Mach Out Sec	0	BC Nonmach Out Sec	0	Non-BC Nonmach Out Sec	0
BC Mach Inc MMP	10	Non-BC Mach Inc MMP	0	BC Nonmach Inc MMP	4	Non-BC Nonmach Inc MMP	0
BC Mach Inc SCF	0	Non-BC Mach Inc SCF	0	BC Nonmach Inc SCF	0	Non-BC Nonmach Inc SCF	0
BC Mach Inc Prim	48	Non-BC Mach Inc Prim	0	BC Nonmach Inc Prim	20	Non-BC Nonmach Inc Prim	0
BC Mach Inc Sec	4487	Non-BC Mach Inc Sec	0	BC Nonmach Inc Sec	5421	Non-BC Nonmach Inc Sec	0



FLATS ACCEPT/FINALIZATION RATES

<u>EQUIPMENT</u>	<u>OP</u>	(1) (BARCODE) <u>BCR</u>	(1) (NO BARCODE) <u>OCR</u>	(2) <u>KEYING</u>	(2) <u>REFED</u> <u>MISFACED/</u>	(1) <u>VCS IMAGE</u>	(2) <u>TOTAL</u>
<u>SPBS/LIPS</u>	<u>NO</u>	<u>ACCEPT</u>	<u>ACCEPT</u>	<u>ACCEPT</u>	<u>VCS TIME OUT</u>	<u>RATE</u>	<u>ACCEPT</u>
	All	---	---	---	---	---	98.70%
	Outgoing	---	---	---	---	---	
	All	---	---	---	---	---	98.22%
	Incoming	---	---	---	---	---	
AFSM100	331	93.87%	73.63%	---	1.40%	95.00%	93.32%
	332	93.87%	73.63%	---	1.88%	95.00%	93.90%
	333	93.87%	73.63%	---	2.56%	95.00%	94.99%
	334	93.87%	73.63%	---	1.74%	95.00%	94.84%
FSM881	421	93.87%	73.63%	---	---	---	---
	422	93.87%	73.63%	---	---	---	---
	423	93.87%	73.63%	---	---	---	---
	424	93.87%	73.63%	---	---	---	---
FSM1000	441/461	93.87%	73.63%	99.55%	---	---	---
	442/482	93.87%	73.63%	98.56%	---	---	---
	443/463	93.87%	73.63%	99.48%	---	---	---
	444/464	93.87%	73.63%	98.98%	---	---	---

(1) Engineering Estimates

(2) USPS LR-J-63, page 15

PIECE DISTRIBUTION MAIL FLOW DENSITY TABLES SUMMARY

Source: USPS LR-J-63, page 14

<u>EQUIPMENT</u>	<u>OP NO</u>	<u>OP</u>	<u>OS</u>	<u>MMP</u>	<u>SCF</u>	<u>IP</u>	<u>IS</u>	<u>TOTAL</u>
AFSM100	331	0.00%	7.94%	46.85%	20.13%	10.78%	14.30%	100.00%
	332	0.00%	2.38%	93.55%	4.83%	1.60%	0.02%	100.00%
	333	0.00%	0.00%	4.97%	16.91%	5.88%	77.21%	100.00%
	334	0.00%	0.00%	0.00%	7.02%	6.70%	93.30%	100.00%
FSM881	141/421	0.00%	10.36%	39.85%	31.50%	11.03%	7.26%	100.00%
	142/422	0.00%	2.99%	89.95%	4.60%	5.45%	0.00%	100.00%
	143/423	0.00%	0.00%	6.77%	22.29%	7.36%	70.35%	100.00%
	144/424	0.00%	0.00%	0.00%	9.04%	1.93%	98.07%	100.00%
FSM1000	441/461	0.00%	11.54%	37.77%	23.18%	15.22%	12.30%	100.00%
	442/462	0.00%	6.80%	75.22%	10.37%	7.04%	7.37%	100.00%
	443/463	0.00%	0.00%	6.99%	20.31%	10.78%	68.91%	100.00%
	444/464	0.00%	0.00%	0.00%	8.75%	2.30%	97.70%	100.00%
Manual	060	0.00%	11.54%	37.77%	23.18%	15.22%	12.30%	100.00%
	070	0.00%	0.00%	75.22%	10.37%	7.04%	7.37%	100.00%
	073	0.00%	0.00%	0.00%	20.31%	10.78%	68.91%	100.00%
	074	0.00%	0.00%	0.00%	0.00%	2.30%	97.70%	100.00%

FLATS COVERAGE FACTORS

Originating Flats	First-Class	Periodicals	Standard	<u>Source</u>
AFSM100	90.00%	87.00%	89.00%	Docket No. R2000-1, USPS LR-I-90
FSM1000	90.00%	87.00%	89.00%	Docket No. R2000-1, USPS LR-I-90
Destinating Flats				
AFSM100	90.00%	88.00%	88.00%	Docket No. R2000-1, USPS LR-I-90
FSM1000	90.00%	88.00%	88.00%	Docket No. R2000-1, USPS LR-I-90
Incoming Secondary Machinable Flats				
AFSM100/FSM881	65.00%	65.00%	65.00%	Operations estimate
Manual	35.00%	35.00%	35.00%	Operations estimate

FLATS OPERATION PRODUCTIVITIES

Description	(1) Variability Factor	(2) MODS Productivity	Productivity Source	(3) Marginal Productivity
Mechanized Pkg Sort	66%	242	USPS LR-J-56	367
Manual Pkg Sort Out MADC	95%	76	Docket No. R2000-1, USPS LR-I-88	80
Manual Pkg Sort Inc ADC	95%	171	Docket No. R2000-1, USPS LR-J-88	180
Manual Pkg Sort Inc Primary	95%	211	Docket No. R2000-1, USPS LR-I-88	222
Manual Pkg Sort Inc Secondary	95%	409	Docket No. R2000-1, USPS LR-I-88	431
Flats VCS Keying	100%	395	MODS FY 2001 AP 10 YTD	395
AFSM100 Outgoing Primary	74%	1734	MODS FY 2001 AP 10 YTD	2343
AFSM100 Outgoing Secondary	74%	2463	MODS FY 2001 AP 10 YTD	3328
AFSM100 Incoming MMP	74%	1543	MODS FY 2001 AP 10 YTD	2085
AFSM100 Incoming SCF	74%	1664	MODS FY 2001 AP 10 YTD	2249
AFSM100 Incoming Primary	74%	1429	MODS FY 2001 AP 10 YTD	1931
AFSM100 Incoming Secondary	74%	1706	MODS FY 2001 AP 10 YTD	2305
FSM881 BCR/OCR Outgoing Primary	74%	845	USPS LR-J-56	1142
FSM881 BCR/OCR Outgoing Secondary	74%	965	USPS LR-J-56	1304
FSM881 BCR/OCR Incoming MMP	74%	656	USPS LR-J-56	886
FSM881 BCR/OCR Incoming SCF	74%	721	USPS LR-J-56	974
FSM881 BCR/OCR Incoming Primary	74%	700	USPS LR-J-56	946
FSM881 BCR/OCR Incoming Secondary	74%	705	USPS LR-J-56	953
FSM1000 BCR/OCR Outgoing Primary	74%	402	USPS LR-J-56	543
FSM1000 BCR/OCR Outgoing Secondary	74%	1000	USPS LR-J-56	1351
FSM1000 BCR/OCR Incoming MMP	74%	1176	USPS LR-J-56	1589
FSM1000 BCR/OCR Incoming SCF	74%	1171	USPS LR-J-56	1582
FSM1000 BCR/OCR Incoming Primary	74%	898	USPS LR-J-56	1214
FSM1000 BCR/OCR Incoming Secondary	74%	1221	USPS LR-J-56	1650
FSM1000 Key Outgoing Primary	74%	585	USPS LR-J-56	791
FSM1000 Key Outgoing Secondary	74%	726	USPS LR-J-56	981
FSM1000 Key Incoming MMP	74%	507	USPS LR-J-56	685
FSM1000 Key Incoming SCF	74%	581	USPS LR-J-56	785
FSM1000 Key Incoming Primary	74%	552	USPS LR-J-56	746
FSM1000 Key Incoming Secondary	74%	650	USPS LR-J-56	878
Manual Outgoing Primary	71%	436	USPS LR-J-56	614
Manual Outgoing Secondary	71%	426	USPS LR-J-56	600
Manual Incoming MMP	71%	399	USPS LR-J-56	562
Manual Incoming SCF	71%	545	USPS LR-J-56	768
Manual Incoming Primary	71%	390	USPS LR-J-56	549
Manual Incoming Secondary	71%	422	USPS LR-J-56	594

(1) USPS-T-13, Table 1

(2) MODS Productivity

(3) (2) / (1)

FLATS WAGE RATES

<u>Description</u>	<u>Source</u>	<u>Wage Rate</u>
LDC 15 (Remote Encoding Centers/Video Coding System)	USPS LR-J-50	\$20.409
Other Mail Processing	USPS LR-J-50	\$30.840
First-Class Premium Pay Adjustment Factor	USPS LR-J-52	1.012
Periodicals Premium Pay Adjustment Factor	USPS LR-J-52	1.019
Standard Premium Pay Adjustment Factor	USPS LR-J-52	0.997

FLATS PIGGYBACK FACTORS

<u>Description</u>	Piggyback	
	<u>Factor</u>	<u>Source</u>
Mechanized Bundles (MODS 13 SPBS OTH)	1.676	USPS LR-J-53
Manual Bundles (MODS 17 POUCHING)	1.598	USPS LR-J-53
AFSM100	1.746	USPS LR-J-52
VCS Keying (LDC15)	1.459	USPS LR-J-53
FSM881	1.416	USPS LR-J-52
FSM1000	1.587	USPS LR-J-52
Manual (MODS 14 MANF)	1.398	USPS LR-J-53

[illegible]

PERIODICALS FLATS PACKAGE SORTATION

[illegible]

PERIODICALS FLATS FY00 VOLUMES

[illegible]

PERIODICALS FLATS FY98 VOLUMES

Source: Docket No. R2000-1, USPS LR-1-90

Rate Category	Container Presort	Package Presort	Automation Compatible	Machinability	Per Reg Pallet Volume	Per Reg Sack Volume	Per Reg Total Volume	Per NP Pallet Volume	Per NP Sack Volume	Per NP Total Volume	Total Per Pallet Volume	Percent	Total Per Sack Volume	Percent	Total Per Pallet/Sack Volume	Percent		
Nonauto Basic	MADC	MADC	Nonbarcoded	Nonmachinable	0	19,018,619	19,018,619	0	3,679,894	3,679,894	0	0.00%	22,698,513	13.88%	22,698,513	13.88%		
			Nonbarcoded	Machinable	0	13,057,676	13,057,676	0	1,501,503	1,501,503	0	0.00%	14,559,179	8.91%	14,559,179	8.91%		
			ADC	Nonbarcoded	0	5,563,113	5,563,113	0	2,803,255	2,803,255	0	0.00%	8,366,368	5.12%	8,366,368	5.12%		
			ADC	Nonbarcoded	0	13,403,326	13,403,326	0	1,647,182	1,647,182	0	0.00%	15,050,508	9.21%	15,050,508	9.21%		
			3-Digit	Nonbarcoded	0	4,804,460	4,804,460	0	2,475,687	2,475,687	0	0.00%	7,080,147	4.33%	7,080,147	4.33%		
			3-Digit	Nonbarcoded	0	3,992,627	3,992,627	0	667,343	667,343	0	0.00%	4,659,970	2.85%	4,659,970	2.85%		
			3-Digit	Nonbarcoded	0	4,236,477	4,236,477	0	506,067	506,067	0	0.00%	4,742,544	2.90%	4,742,544	2.90%		
			5-Digit	Nonbarcoded	0	3,320,421	3,320,421	0	75,671	75,671	0	0.00%	3,396,092	2.08%	3,396,092	2.08%		
			5-Digit	Nonbarcoded	0	21,135,745	22,231,604	26,158	3,962,069	3,962,227	1,122,017	0.69%	25,097,814	15.35%	26,219,831	16.04%		
			ADC	Nonbarcoded	2,053,294	14,013,636	16,068,930	168,774	3,120,027	3,288,801	2,222,068	1.36%	17,133,663	10.48%	19,355,731	11.84%		
			3-Digit	Nonbarcoded	0	8,847,200	8,847,200	0	2,158,640	2,158,640	0	0.00%	10,806,040	6.81%	10,806,040	6.81%		
			3-Digit	Nonbarcoded	0	8,387,583	8,387,583	0	1,554,453	1,554,453	0	0.00%	9,942,036	6.08%	9,942,036	6.08%		
			5-Digit	Nonbarcoded	0	4,382,896	4,382,896	0	1,003,341	1,003,341	0	0.00%	5,386,237	3.29%	5,386,237	3.29%		
			5-Digit	Nonbarcoded	0	10,686,542	10,686,542	0	558,438	558,438	0	0.00%	11,224,980	6.87%	11,224,980	6.87%		
			5-Digit	Nonbarcoded	3,148,163	134,430,321	137,578,474	194,932	25,713,790	25,998,722	3,344,968	2.66%	162,144,111	97.86%	163,482,196	100.00%		
Nonauto 3-Digit	BMC/ADC	3-Digit	Nonbarcoded	Nonmachinable	12,627,133	0	12,627,133	66,924	0	66,924	12,694,057	3.35%	0	0.00%	12,694,057	3.35%		
			Nonbarcoded	Machinable	11,212,350	0	11,212,350	5,238,895	0	5,238,895	16,451,245	4.35%	0	0.00%	16,451,245	4.35%		
			3-Digit	Nonbarcoded	15,375,938	72,752,090	88,128,028	1,079,296	90,593,083	91,672,369	16,455,234	4.35%	163,345,183	43.17%	179,800,417	47.52%		
			3-Digit	Nonbarcoded	24,169,577	44,680,986	68,850,563	3,589,541	11,831,736	15,421,277	27,759,118	7.34%	58,512,722	14.94%	84,271,640	22.72%		
			5-Digit	Nonbarcoded	0	25,171,769	25,171,769	0	7,767,880	7,767,880	0	0.00%	32,939,648	8.71%	32,939,648	8.71%		
			5-Digit	Nonbarcoded	0	36,002,452	36,002,452	0	16,230,571	16,230,571	0	0.00%	52,233,023	13.00%	52,233,023	13.00%		
			5-Digit	Nonbarcoded	63,384,966	178,607,297	241,992,265	9,974,866	128,423,280	138,397,936	73,369,664	19.38%	305,030,677	80.61%	378,390,231	100.00%		
			5-Digit	Nonbarcoded	11,857,817	0	11,857,817	34,588	0	34,588	11,892,405	2.98%	0	0.00%	11,892,405	2.98%		
			5-Digit	Nonbarcoded	11,256,637	0	11,256,637	40,282,077	0	40,282,077	51,538,714	12.90%	0	0.00%	51,538,714	12.90%		
			3-Digit	5-Digit	Nonbarcoded	Nonmachinable	29,836,230	0	29,836,230	2,973,419	0	2,973,419	32,809,649	8.21%	0	0.00%	32,809,649	8.21%
			5-Digit	Nonbarcoded	Machinable	52,081,513	0	52,081,513	51,814,470	0	51,814,470	103,895,983	26.01%	0	0.00%	103,895,983	26.01%	
			5-Digit	Nonbarcoded	Machinable	152,511	117,538,368	117,690,877	567,165	24,681,165	25,268,330	739,676	0.18%	142,219,531	35.61%	142,959,207	36.79%	
			5-Digit	Nonbarcoded	Machinable	6,520,256	25,528,429	32,048,507	753,520	23,505,632	24,259,552	7,274,178	1.82%	49,034,861	12.28%	56,309,059	14.10%	
			5-Digit	Nonbarcoded	Machinable	111,704,966	143,667,616	254,772,581	96,446,638	46,186,797	144,632,436	208,160,606	62.12%	191,264,412	47.88%	399,406,017	100.00%	
Nonauto Carrier Route	BMC/ADC	Carr Rte	Nonbarcoded	Nonmachinable	21,564,192	0	21,564,192	17,564,036	0	17,564,036	39,128,228	0.91%	0	0.00%	39,128,228	0.91%		
			Nonbarcoded	Machinable	66,935,124	0	66,935,124	50,703,973	0	50,703,973	117,639,097	2.75%	0	0.00%	117,639,097	2.75%		
			3-Digit	Carr Rte	Nonbarcoded	Nonmachinable	148,022,958	0	148,022,958	225,115,994	0	225,115,994	373,138,952	8.71%	0	0.00%	373,138,952	8.71%
			3-Digit	Carr Rte	Nonbarcoded	Machinable	1,857,025,265	0	1,857,025,265	764,114,269	0	764,114,269	2,621,139,534	61.18%	0	0.00%	2,621,139,534	61.18%
			5-Digit	Carr Rte	Nonbarcoded	Nonmachinable	17,142,864	299,218,472	316,361,336	45,946,091	16,680,298	82,606,389	63,088,955	1.47%	315,878,770	7.37%	376,967,725	8.85%
			5-Digit	Carr Rte	Nonbarcoded	Machinable	439,058,829	61,003,378	500,062,205	66,563,786	29,775,284	96,339,070	505,822,615	11.80%	90,778,690	2.12%	596,401,275	13.92%
			5-Digit	Carr Rte	Nonbarcoded	Machinable	95,769,035	0	95,769,035	0	82,206,406	82,206,406	0	0.00%	157,975,441	3.69%	157,975,441	3.69%
			5-Digit	Carr Rte	Nonbarcoded	Nonmachinable	0	95,769,035	95,769,035	0	82,206,406	82,206,406	0	0.00%	157,975,441	3.69%	157,975,441	3.69%
5-Digit	Carr Rte	Nonbarcoded	Nonmachinable	0	95,769,035	95,769,035	0	82,206,406	82,206,406	0	0.00%	157,975,441	3.69%	157,975,441	3.69%			
5-Digit	Carr Rte	Nonbarcoded	Nonmachinable	0	95,769,035	95,769,035	0	82,206,406	82,206,406	0	0.00%	157,975,441	3.69%	157,975,441	3.69%			
5-Digit	Carr Rte	Nonbarcoded	Nonmachinable	0	95,769,035	95,769,035	0	82,206,406	82,206,406	0	0.00%	157,975,441	3.69%	157,975,441	3.69%			
5-Digit	Carr Rte	Nonbarcoded	Nonmachinable	0	95,769,035	95,769,035	0	82,206,406	82,206,406	0	0.00%	157,975,441	3.69%	157,975,441	3.69%			
5-Digit	Carr Rte	Nonbarcoded	Nonmachinable	0	95,769,035	95,769,035	0	82,206,406	82,206,406	0	0.00%	157,975,441	3.69%	157,975,441	3.69%			
5-Digit	Carr Rte	Nonbarcoded	Nonmachinable	0	95,769,035	95,769,035	0	82,206,406	82,206,406	0	0.00%	157,975,441	3.69%	157,975,441	3.69%			
5-Digit	Carr Rte	Nonbarcoded	Nonmachinable	0	95,769,035	95,769,035	0	82,206,406	82,206,406	0	0.00%	157,975,441	3.69%	157,975,441	3.69%			
5-Digit	Carr Rte	Nonbarcoded	Nonmachinable	0	95,769,035	95,769,035	0	82,206,406	82,206,406	0	0.00%	157,975,441	3.69%	157,975,441	3.69%			
5-Digit	Carr Rte	Nonbarcoded	Nonmachinable	0	95,769,035	95,769,035	0	82,206,406	82,206,406	0	0.00%	157,975,441	3.69%	157,975,441	3.69%			
5-Digit	Carr Rte	Nonbarcoded	Nonmachinable	0	95,769,035	95,769,035	0	82,206,406	82,206,406	0	0.00%	157,975,441	3.69%	157,975,441	3.69%			
5-Digit	Carr Rte	Nonbarcoded	Nonmachinable	0	95,769,035	95,769,035	0	82,206,406	82,206,406	0	0.00%	157,975,441	3.69%	157,975,441	3.69%			
5-Digit	Carr Rte	Nonbarcoded	Nonmachinable	0	95,769,035	95,769,035	0	82,206,406	82,206,406	0	0.00%	157,975,441	3.69%	157,975,441	3.69%			
5-Digit	Carr Rte	Nonbarcoded	Nonmachinable	0	95,769,035	95,769,035	0	82,206,406	82,206,406	0	0.00%	157,975,441	3.69%	157,975,441	3.69%			
5-Digit	Carr Rte	Nonbarcoded	Nonmachinable	0	95,769,035	95,769,035	0	82,206,406	82,206,406	0	0.00%	157,975,441	3.69%	157,975,441	3.69%			
5-Digit	Carr Rte	Nonbarcoded	Nonmachinable	0	95,769,035	95,769,035	0	82,206,406	82,206,406	0	0.00%	157,975,441	3.69%	157,975,441	3.69%			
5-Digit	Carr Rte	Nonbarcoded	Nonmachinable	0	95,769,035	95,769,035	0	82,206,406	82,206,406	0	0.00%	157,975,441	3.69%	157,975,441	3.69%			
5-Digit	Carr Rte	Nonbarcoded	Nonmachinable	0	95,769,035	95,769,035	0	82,206,406	82,206,406	0	0.00%	157,975,441	3.69%	157,975,441	3.69%			
5-Digit	Carr Rte	Nonbarcoded	Nonmachinable	0	95,769,035	95,769,035	0	82,206,406	82,206,406	0	0.00%	157,975,441	3.69%	157,975,441	3.69%			
5-Digit	Carr Rte	Nonbarcoded	Nonmachinable	0	95,769,035	95,769,035	0	82,206,406	82,206,406	0	0.00%	157,975,441	3.69%	157,975,441	3.69%			
5-Digit	Carr Rte	Nonbarcoded	Nonmachinable	0	95,769,035	95,769,035	0	82,206,406	82,206,406	0	0.00%	157,975,441	3.69%	157,975,441	3.69%			
5-Digit	Carr Rte	Nonbarcoded	Nonmachinable	0	95,769,035	95,769,035	0	82,206,406	82,206,406	0	0.00%	157,975,441	3.69%	157,975,441	3.69%			
5-Digit	Carr Rte	Nonbarcoded	Nonmachinable	0	95,769,035	95,769,035	0	82,206,406	82,206,406	0	0.00%	157,975,441	3.69%	157,975,441	3.69%			
5-Digit	Carr Rte	Nonbarcoded	Nonmachinable	0	95,769,035	95,769,035	0	82,206,406	82,206,406	0	0.00%	157,975,441	3.69%	157,975,441	3.69%			
5-Digit	Carr Rte	Nonbarcoded	Nonmachinable	0	95,769,035	95,769,035	0	82,206,406	82,206,406	0	0.00%	157,975,441	3.69%	157,975,441	3.69%			
5-Digit	Carr Rte	Nonbarcoded	Nonmachinable	0	95,769,035	95,769,035	0	82,206,406	82,206,406	0	0.00%	157,975,441	3.69%	157,975,441	3.69%			
5-Digit	Carr Rte	Nonbarcoded	Nonmachinable	0	95,769,035	95,769,035	0	82,206,406	82,206,406	0	0.00%	157,975,441	3.69%	157,975,441	3.69%			
5-Digit	Carr Rte	Nonbarcoded	Nonmachinable	0	95,769,035	95,769,035	0	82,206,406	82,206,406	0	0.00%	157,975,441	3.69%	157,975,441	3.69%			
5-Digit	Carr Rte	Nonbarcoded	Nonmachinable	0	95,769,035	95,769,035	0	82,206,406	82,206,406	0	0.00%	157,975,441	3.69%	157,975,441	3.69%			
5-Digit	Carr Rte	Nonbarcoded	Nonmachinable	0	95,769,035	95,769,035	0	82,206,406	82,206,406	0	0.00%	157,975,441	3.69%	157,975,441	3.69%			
5-Digit	Carr Rte	Nonbarcoded	Nonmachinable	0	95,769,035	95,769,035	0	82,206,406	82,206,406	0	0.00%	157,975,441	3.69%	157,975,441	3.69%			
5-Digit	Carr Rte	Nonbarcoded	Nonmachinable	0	95,769,035	95,769,035	0	82,206,406	82,206,406	0	0.00%	157,975,441	3.69%	157,975,441	3.69%			
5-Digit	Carr Rte	Nonbarcoded	Nonmachinable	0	95,769,035	95,769,035	0	82,206,406	82,206,406	0	0.00%	157,975,441	3.69%	157,975,441	3.69%			
5-Digit	Carr Rte	Nonbarcoded	Nonmachinable	0	95,769,035	95,769,035	0	82,206,406	82,206,406									

PACKAGE DATA

Source: Docket No. R2000-1, USPS LR-I-88

Description	Pieces/ Package	Initial Breakage Factor	Subsequent Breakage Factor
Machinable Flats - Pallets	25.33	1.10%	10.00%
Nonmachinable Flats - Pallets	35.40	1.10%	10.00%
Machinable Flats - Sacks	21.33	17.50%	10.00%
Nonmachinable Flats - Sacks	16.29	17.50%	10.00%
Container / Package	Handlings	%Mech	
MADC / MADC	1.25	64.00%	
MADC / ADC	1.06	74.00%	
MADC / 3D	1.06	74.00%	
MADC / 5D	1.06	74.00%	
MADC / CR	1.06	74.00%	
ADC / ADC	1.09	78.00%	
ADC / 3D	1.06	80.00%	
ADC / 5D	1.06	80.00%	
ADC / CR	1.06	80.00%	
3D / 3D	1.11	71.00%	
3D / 5D	1.15	69.00%	
3D / CR	1.11	72.00%	
5D / 5D	1.04	5.00%	
5D / CR	1.01	6.00%	

PACKAGE DISTRIBUTION MAIL FLOW DENSITY TABLES SUMMARY

Source: Docket No. R2000-1, USPS LR-I-88

	MADC Package MADC	ADC Package ADC	3D Package 3D	5D Package 5D	CR Package CR
MADC Container to:					
Piece	100.00%	0.00%	6.18%	0.75%	0.00%
ADC		100.00%	74.45%	71.56%	71.71%
3D			19.38%	14.63%	14.93%
5D				13.07%	13.36%
CR					0.00%
	100.00%	100.00%	100.00%	100.00%	100.00%
ADC Container to:					
Piece		100.00%	32.60%	9.41%	0.00%
3D			67.40%	25.54%	23.29%
5D				65.05%	76.71%
CR					0.00%
		100.00%	100.00%	100.00%	100.00%
3D Container to:					
Piece			100.00%	21.69%	0.00%
5D				78.31%	100.00%
CR					0.00%
			100.00%	100.00%	100.00%
5D Container to:					
Piece				100.00%	0.00%
CR					100.00%
				100.00%	100.00%
CR Container to:					
Piece					100.00%
					100.00%

NOTES

Source: USPS-LR-I-88 Flats Bundle Study, 'FINAL_DENSITY.XLS.'

STANDARD FLATS MAIL PROCESSING UNIT COST SUMMARY ACTUAL

CRA FLATS MAIL PROCESSING UNIT COSTS

Modeled Worksharing Related (Proportional) Cost Pools	8.471	(1)
Other Worksharing Related (Fixed) Cost Pools	0.047	(2)
Non-Worksharing Related (Fixed) Cost Pools	4.003	(3)
Total	12.520	(4)

CRA PROPORTIONAL ADJUSTMENT FACTOR

	(5)	(6)	(7)
Base Model Costs	Model Cost	Base Year Volume	Base Year Volume %
Basic Nonauto Presort	15.329	1,072,621,169	6.50%
3-/5-Digit Nonauto Presort	8.619	1,917,653,975	11.62%
Basic Auto Presort	13.392	424,818,179	2.57%
3-/5-Digit Auto Presort	7.488	13,089,111,340	79.31%
(8) Total Weighted Model Cost	8.281	16,504,204,663	100.00%
CRA Proportional Adjustment		1.023	(9)

ADJUSTED FLATS MAIL PROCESSING UNIT COSTS

	(10)	(11)	(12)	(13)
<u>Rate Category</u>	<u>Model Unit Cost</u>	<u>Worksharing Related Unit Cost</u>	<u>Non Worksharing Unit Cost</u>	<u>Total Mail Proc Unit Cost</u>
Basic Nonauto Presort	15.329	15.726	4.003	19.729
3-/5-Digit Nonauto Presort	8.619	8.863	4.003	12.866
Basic Auto Presort	13.392	13.746	4.003	17.748
3-/5-Digit Auto Presort	7.488	7.707	4.003	11.709

- (1) Sum of modeled worksharing related cost pools on page 71
 (2) Sum of other worksharing related cost pools on page 71
 (3) Sum of non-worksharing related cost pools on page 71
 (4) (1) + (2) + (3)
 (5) Model costs from respective rate category "COST" spreadsheets
 (6) USPS LR-J-98
 (7) Rate Category (6) / Total (6)
 (8) Sum [Rate Category (5) * (7)]
 (9) (1) / (8)
 (10) Model costs from respective rate category "COST" spreadsheets
 (11) (9) * (10) + (2)
 (12) (3)
 (13) (11) + (12)

STANDARD FLATS MAIL PROCESSING UNIT COST SUMMARY
PRESORT LEVELS HELD CONSTANT

ADJUSTED FLATS MAIL PROCESSING UNIT COSTS

<u>Rate Category</u>	(1) <u>Model Unit Cost</u>	(2) Worksharing <u>Related Unit Cost</u>	(3) Non Worksharing <u>Unit Cost</u>	(4) Total Mail Proc <u>Unit Cost</u>
Basic Nonauto Presort	15.329	15.726	4.003	19.729
3-/5-Digit Nonauto Presort	8.619	8.863	4.003	12.866
Basic Auto Presort Rev	12.670	13.007	4.003	17.009
3-/5-Digit Auto Presort Rev	7.442	7.659	4.003	11.662

(1) Model costs from respective rate category "COST" spreadsheets

(2) (1) * [(9) from page 69] + [(2) from page 69]

(3) (3) from page 69

(4) (2) + (3)

CRA STANDARD FLATS MAIL PROCESSING UNIT COSTS

Source: USPS LR-J-53

			STANDARD						
Cost Pool No.	Source	Cost Pool Abbreviation	WRP MP Unit Costs	WRF MP Unit Costs	NWRF MP Unit Costs	CRA MP Unit Costs	WRP MP Unit Costs	WRF MP Unit Costs	NWRF MP Unit Costs
1	BMCS	NMO			X	0.013			0.013
2	BMCS	OTHR			X	0.379			0.379
3	BMCS	PLA			X	0.339			0.339
4	BMCS	PSM			X	0.013			0.013
5	BMCS	SPB	X			0.338	0.338		
6	BMCS	SSM			X	0.096			0.096
7	MODS 11	BCS/			X	0.017			0.017
8	MODS 11	BCS/DBCS			X	0.035			0.035
9	MODS 11	OCR/			X	0.017			0.017
10	MODS 12	FSM/	X			2.039	2.039		
11	MODS 12	FSM/1000	X			0.785	0.785		
12	MODS 12	LSM/			X	0.001			0.001
13	MODS 13	MECPARC			X	0.004			0.004
14	MODS 13	SPBS OTH	X			0.785	0.785		
15	MODS 13	SPBSPRIO	X			0.015	0.015		
16	MODS 13	1SACKS_M			X	0.070			0.070
17	MODS 14	MANF	X			0.582	0.582		
18	MODS 14	MANL			X	0.079			0.079
19	MODS 14	MANP			X	0.010			0.010
20	MODS 14	PRIORITY			X	0.006			0.006
21	MODS 15	LD15	X			0.000	0.000		
22	MODS 17	1BULK PR		X		0.008		0.008	
23	MODS 17	1CANCMPP			X	0.025			0.025
24	MODS 17	1OPBULK	X			0.616	0.616		
25	MODS 17	1OPREF	X			0.677	0.677		
26	MODS 17	1PLATFRM			X	1.169			1.169
27	MODS 17	1POUCHNG	X			0.449	0.449		
28	MODS 17	1SACKS_H			X	0.180			0.180
29	MODS 17	1SCAN			X	0.051			0.051
30	MODS 18	BUSREPLY			X	0.001			0.001
31	MODS 18	EXPRESS			X	0.002			0.002
32	MODS 18	MAILGRAM			X	0.000			0.000
33	MODS 18	REGISTRY			X	0.001			0.001
34	MODS 18	REWRAP			X	0.008			0.008
35	MODS 18	1EEQMT			X	0.041			0.041
36	MODS 19	INTL			X	0.002			0.002
37	MODS 41	LD41			X	0.006			0.006
38	MODS 42	LD42	X			0.002	0.002		
39	MODS 43	LD43	X			0.576	0.576		
40	MODS 44	LD44	X			0.101	0.101		
41	MODS 48	LD48 EXP			X	0.000			0.000
42	MODS 48	LD48_SSV			X	0.009			0.009
43	MODS 49	LD49			X	0.088			0.088
44	MODS 79	LD79		X		0.038		0.038	
45	MODS 99	1SUPP_F1			X	0.153			0.153
46	MODS 99	1SUPP_F4			X	0.125			0.125
47	NON MODS	ALLIED			X	0.794			0.794
48	NON MODS	AUTO/MEC	X			0.061	0.061		
49	NON MODS	EXPRESS			X	0.000			0.000
50	NON MODS	MANF	X			1.445	1.445		
51	NON MODS	MANL			X	0.099			0.099
52	NON MODS	MANP			X	0.013			0.013
53	NON MODS	MISC			X	0.152			0.152
54	NON MODS	REGISTRY			X	0.002			0.002
						12.520	8.471	0.047	4.003
							67.66%	0.37%	31.97%

**BASIC NONAUTO PRESORT
COST SHEET**

	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
<u>Operation</u>	<u>Volume</u>	<u>Packages or Pieces Per Hour</u>	<u>Wage Rate</u>	<u>Direct Cents Per Piece</u>	<u>Piggyback Factor</u>	<u>Premium Pay Factor</u>	<u>Premium Pay Adjust</u>	<u>Total Cents Per Piece</u>	<u>Weighted Cents Per Piece</u>
Outgoing Primary (Package)									
Mechanized	182	367	\$30.840	8.411	1.676	0.967	-0.279	13.819	0.251
Manual	77	80	\$30.840	38.723	1.598	0.967	-1.283	60.595	0.468
Incoming MMP (Package)									
Mechanized	288	367	\$30.840	8.411	1.676	0.967	-0.279	13.819	0.398
Manual	77	180	\$30.840	17.160	1.598	0.967	-0.569	26.853	0.206
Incoming Primary (Package)									
Mechanized	10	367	\$30.840	8.411	1.676	0.967	-0.279	13.819	0.014
Manual	5	222	\$30.840	13.910	1.598	0.967	-0.461	21.766	0.010
Incoming Secondary (Package)									
Mechanized	0	367	\$30.840	8.411	1.676	0.967	-0.279	13.819	0.000
Manual	0	431	\$30.840	7.156	1.598	0.967	-0.237	11.198	0.000
Outgoing Primary (Piece)									
AFSM100 Auto	966	2,343	\$30.840	1.318	1.746	0.967	-0.044	2.254	0.218
VCS Keying	255	395	\$20.409	5.167	1.459	0.967	-0.171	7.367	0.188
FSM881 Auto	118	1,142	\$30.840	2.701	1.416	0.967	-0.089	3.735	0.044
FSM1000 Auto	1,023	543	\$30.840	5.677	1.587	0.967	-0.188	8.821	0.902
FSM1000 Keying	213	791	\$30.840	3.901	1.587	0.967	-0.129	6.062	0.128
Manual	145	614	\$30.840	5.022	1.398	0.967	-0.168	6.857	0.099
Outgoing Secondary (Piece)									
AFSM100 Auto	78	3,328	\$30.840	0.927	1.746	0.967	-0.031	1.587	0.012
VCS Keying	21	395	\$20.409	5.167	1.459	0.967	-0.171	7.367	0.015
FSM881 Auto	9	1,304	\$30.840	2.385	1.416	0.967	-0.078	3.270	0.003
FSM1000 Auto	124	1,351	\$30.840	2.282	1.587	0.967	-0.076	3.546	0.044
FSM1000 Keying	25	981	\$30.840	3.143	1.587	0.967	-0.104	4.885	0.012
Manual	20	600	\$30.840	5.140	1.398	0.967	-0.170	7.018	0.014
Incoming MMP (Piece)									
AFSM100 Auto	1,942	2,085	\$30.840	1.479	1.746	0.967	-0.049	2.533	0.492
VCS Keying	512	395	\$20.409	5.167	1.459	0.967	-0.171	7.367	0.377
FSM881 Auto	263	886	\$30.840	3.479	1.416	0.967	-0.115	4.811	0.126
FSM1000 Auto	2,716	1,589	\$30.840	1.941	1.587	0.967	-0.064	3.015	0.819
FSM1000 Keying	537	685	\$30.840	4.501	1.587	0.967	-0.149	6.994	0.376
Manual	441	562	\$30.840	5.488	1.398	0.967	-0.182	7.493	0.331
Incoming SCF (Piece)									
AFSM100 Auto	538	2,249	\$30.840	1.371	1.746	0.967	-0.045	2.349	0.128
VCS Keying	142	395	\$20.409	5.167	1.459	0.967	-0.171	7.367	0.105
FSM881 Auto	73	974	\$30.840	3.165	1.416	0.967	-0.105	4.377	0.032
FSM1000 Auto	792	1,582	\$30.840	1.949	1.587	0.967	-0.065	3.028	0.240
FSM1000 Keying	155	785	\$30.840	3.928	1.587	0.967	-0.130	6.104	0.094
Manual	175	768	\$30.840	4.018	1.398	0.967	-0.133	5.486	0.096
Incoming Primary (Piece)									
AFSM100 Auto	1,631	1,931	\$30.840	1.597	1.746	0.967	-0.053	2.736	0.446
VCS Keying	430	395	\$20.409	5.167	1.459	0.967	-0.171	7.367	0.317
FSM881 Auto	214	946	\$30.840	3.260	1.416	0.967	-0.108	4.508	0.097
FSM1000 Auto	2,851	1,214	\$30.840	2.541	1.587	0.967	-0.084	3.949	1.128
FSM1000 Keying	595	746	\$30.840	4.134	1.587	0.967	-0.137	6.424	0.382
Manual	435	549	\$30.840	5.614	1.398	0.967	-0.186	7.666	0.333
Incoming Secondary (Piece)									
AFSM100 Auto	2,584	2,305	\$30.840	1.338	1.746	0.967	-0.044	2.291	0.592
VCS Keying	681	395	\$20.409	5.167	1.459	0.967	-0.171	7.367	0.502
FSM881 Auto	261	953	\$30.840	3.237	1.416	0.967	-0.107	4.476	0.117
FSM1000 Auto	0	1,650	\$30.840	1.869	1.587	0.967	-0.062	2.904	0.000
FSM1000 Keying	0	878	\$30.840	3.511	1.587	0.967	-0.116	5.456	0.000
Manual	7,302	594	\$30.840	5.189	1.398	0.967	-0.172	7.085	5.173

(10)
MODEL COST = **16.329**

(1) Values From Page 73
 (2) Values From Page 87
 (3) Values From Page 88
 (4) [(3) * (100 cents/dollar)] / (2)
 (5) Values From Page 89

(6) Values From Page 88
 (7) [(6) - 1] * (4)
 (8) (4) * (5) + (7)
 (9) (1) * (8) / 10,000 Pieces
 (10) Sum (9)

BASIC NONAUTO PRESORT MAIL FLOW MODEL

PCS IN =

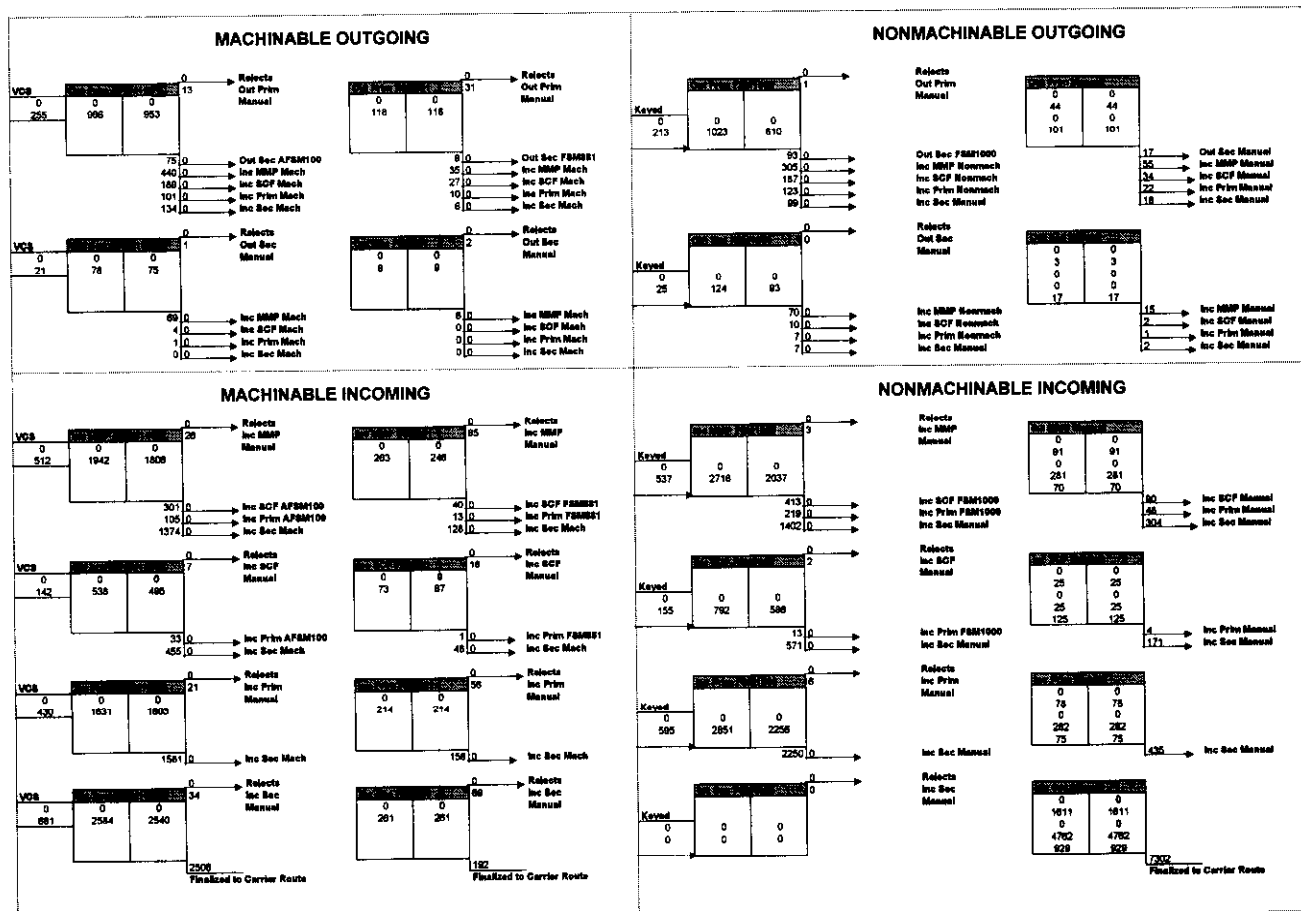
10000

PCS OUT W

10000

PIECE ENTRY POINTS:

PIECE ENTRY POINTS:							
BC Mach Out Prim	0	Non-BC Mach Out Prim	1071	BC Nonmach Out Prim	0	Non-BC Nonmach Out Prim	910
BC Mach Out SMC	0	Non-BC Mach Out SMC	0	BC Nonmach Out SMC	0	Non-BC Nonmach Out SMC	0
BC Mach Ine BHP	0	Non-BC Mach Ine BHP	1502	BC Nonmach Ine BHP	0	Non-BC Nonmach Ine BHP	1909
BC Mach Ine SCF	0	Non-BC Mach Ine SCF	0	BC Nonmach Ine SCF	0	Non-BC Nonmach Ine SCF	0
BC Mach Ine PIR	0	Non-BC Mach Ine PIR	1553	BC Nonmach Ine PIR	0	Non-BC Nonmach Ine PIR	2170
BC Mach Ine Fec	0	Non-BC Mach Ine Fec	423	BC Nonmach Ine Fec	0	Non-BC Nonmach Ine Fec	433



**3-/5-DIGIT NONAUTO PRESORT
COST SHEET**

	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
<u>Operation</u>	<u>Volume</u>	<u>Packages or Pieces Per Hour</u>	<u>Wage Rate</u>	<u>Direct Cents Per Piece</u>	<u>Piggyback Factor</u>	<u>Premium Pay Factor</u>	<u>Premium Pay Adjust</u>	<u>Total Cents Per Piece</u>	<u>Weighted Cents Per Piece</u>
Outgoing Primary (Package)									
Mechanized	0	367	\$30.840	8.411	1.676	0.967	-0.279	13.819	0.000
Manual	0	80	\$30.840	38.723	1.598	0.967	-1.283	60.595	0.000
Incoming MMP (Package)									
Mechanized	56	367	\$30.840	8.411	1.676	0.967	-0.279	13.819	0.078
Manual	14	180	\$30.840	17.160	1.598	0.967	-0.569	26.853	0.038
Incoming Primary (Package)									
Mechanized	216	367	\$30.840	8.411	1.676	0.967	-0.279	13.819	0.298
Manual	94	222	\$30.840	13.910	1.598	0.967	-0.461	21.786	0.204
Incoming Secondary (Package)									
Mechanized	0	367	\$30.840	8.411	1.676	0.967	-0.279	13.819	0.000
Manual	0	431	\$30.840	7.156	1.598	0.967	-0.237	11.198	0.000
Outgoing Primary (Piece)									
AFSM100 Auto	0	2,343	\$30.840	1.316	1.746	0.967	-0.044	2.254	0.000
VCS Keying	0	395	\$20.409	5.167	1.459	0.967	-0.171	7.367	0.000
FSM881 Auto	0	1,142	\$30.840	2.701	1.416	0.967	-0.089	3.735	0.000
FSM1000 Auto	0	543	\$30.840	5.677	1.587	0.967	-0.188	8.821	0.000
FSM1000 Keying	0	791	\$30.840	3.901	1.587	0.967	-0.129	6.062	0.000
Manual	0	614	\$30.840	5.022	1.398	0.967	-0.166	6.657	0.000
Outgoing Secondary (Piece)									
AFSM100 Auto	0	3,328	\$30.840	0.927	1.746	0.967	-0.031	1.587	0.000
VCS Keying	0	395	\$20.409	5.167	1.459	0.967	-0.171	7.367	0.000
FSM881 Auto	0	1,304	\$30.840	2.365	1.416	0.967	-0.078	3.270	0.000
FSM1000 Auto	0	1,351	\$30.840	2.282	1.587	0.967	-0.076	3.546	0.000
FSM1000 Keying	0	981	\$30.840	3.143	1.587	0.967	-0.104	4.885	0.000
Manual	0	600	\$30.840	5.140	1.398	0.967	-0.170	7.018	0.000
Incoming MMP (Piece)									
AFSM100 Auto	10	2,085	\$30.840	1.479	1.746	0.967	-0.049	2.533	0.003
VCS Keying	3	395	\$20.409	5.167	1.459	0.967	-0.171	7.367	0.002
FSM881 Auto	1	886	\$30.840	3.479	1.416	0.967	-0.115	4.811	0.001
FSM1000 Auto	13	1,589	\$30.840	1.941	1.587	0.967	-0.064	3.015	0.004
FSM1000 Keying	3	685	\$30.840	4.501	1.587	0.967	-0.149	6.994	0.002
Manual	2	562	\$30.840	5.488	1.398	0.967	-0.182	7.493	0.001
Incoming SCF (Piece)									
AFSM100 Auto	2	2,249	\$30.840	1.371	1.746	0.967	-0.045	2.349	0.000
VCS Keying	0	395	\$20.409	5.167	1.459	0.967	-0.171	7.367	0.000
FSM881 Auto	0	974	\$30.840	3.165	1.416	0.967	-0.105	4.377	0.000
FSM1000 Auto	3	1,582	\$30.840	1.949	1.587	0.967	-0.065	3.028	0.001
FSM1000 Keying	1	785	\$30.840	3.928	1.587	0.967	-0.130	6.104	0.000
Manual	0	768	\$30.840	4.018	1.398	0.967	-0.133	5.486	0.000
Incoming Primary (Piece)									
AFSM100 Auto	1,516	1,931	\$30.840	1.597	1.746	0.967	-0.053	2.736	0.415
VCS Keying	400	395	\$20.409	5.167	1.459	0.967	-0.171	7.367	0.294
FSM881 Auto	203	946	\$30.840	3.260	1.416	0.967	-0.108	4.508	0.092
FSM1000 Auto	1,650	1,214	\$30.840	2.541	1.587	0.967	-0.084	3.949	0.652
FSM1000 Keying	344	746	\$30.840	4.134	1.587	0.967	-0.137	6.424	0.221
Manual	255	549	\$30.840	5.614	1.398	0.967	-0.186	7.686	0.196
Incoming Secondary (Piece)									
AFSM100 Auto	3,543	2,305	\$30.840	1.338	1.746	0.967	-0.044	2.291	0.812
VCS Keying	934	395	\$20.409	5.167	1.459	0.967	-0.171	7.367	0.688
FSM881 Auto	442	953	\$30.840	3.237	1.416	0.967	-0.107	4.476	0.198
FSM1000 Auto	0	1,650	\$30.840	1.869	1.587	0.967	-0.062	2.904	0.000
FSM1000 Keying	0	878	\$30.840	3.511	1.587	0.967	-0.116	5.456	0.000
Manual	6,240	594	\$30.840	5.189	1.398	0.967	-0.172	7.085	4.421

(10)
MODEL COST = **8.819**

(1) Values From Page 75
 (2) Values From Page 87
 (3) Values From Page 88
 (4) $[(3) * (100 \text{ cents/dollar})] / (2)$
 (5) Values From Page 89

(6) Values From Page 88
 (7) $[(6) - 1] * (4)$
 (8) $(4) * (5) + (7)$
 (9) $(1) * (8) / 10,000 \text{ Pieces}$
 (10) Sum (9)

3-5-DIGIT NONAUTO PRESORT MAIL FLOW MODEL

PCS IN =

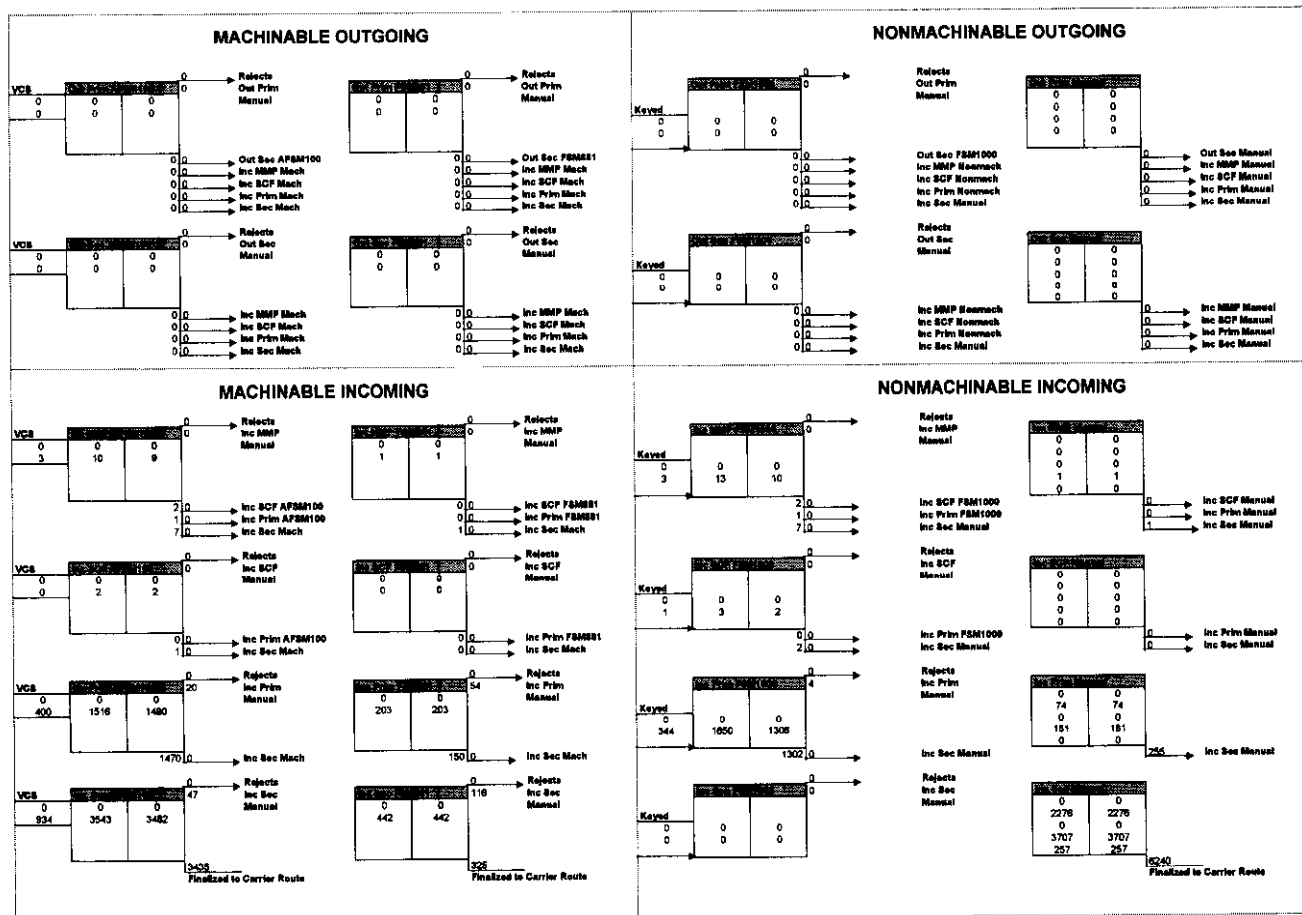
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PCS OUT =

10000

PIECE ENTRY POINTS:

BC Mach Out Prim	0	Non-BC Mach Out Prim	0	BC Nonmach Out Prim	0	Non-BC Nonmach Out Prim	0
BC Mach Out Sec	0	Non-BC Mach Out Sec	0	BC Nonmach Out Sec	0	Non-BC Nonmach Out Sec	0
BC Mach Inc MMF	0	Non-BC Mach Inc MMF	11	BC Nonmach Inc MMF	0	Non-BC Nonmach Inc MMF	11
BC Mach Inc SCF	0	Non-BC Mach Inc SCF	0	BC Nonmach Inc SCF	0	Non-BC Nonmach Inc SCF	0
BC Mach Inc Prim	0	Non-BC Mach Inc Prim	1522	BC Nonmach Inc Prim	0	Non-BC Nonmach Inc Prim	1453
BC Mach Inc Sec	0	Non-BC Mach Inc Sec	4407	BC Nonmach Inc Sec	0	Non-BC Nonmach Inc Sec	2398



**BASIC AUTO PRESORT
COST SHEET**

	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
Operation	Volume	Packages or Pieces Per Hour	Wage Rate	Direct Cents Per Piece	Piggyback Factor	Premium Pay Factor	Premium Pay Adjust	Total Cents Per Piece	Weighted Cents Per Piece
Outgoing Primary (Package)									
Mechanized	265	367	\$30.840	8.411	1.676	0.967	-0.279	13.819	0.387
Manual	125	80	\$30.840	38.723	1.598	0.967	-1.283	60.595	0.759
Incoming MMP (Package)									
Mechanized	150	367	\$30.840	8.411	1.676	0.967	-0.279	13.819	0.207
Manual	42	180	\$30.840	17.160	1.598	0.967	-0.569	26.853	0.113
Incoming Primary (Package)									
Mechanized	0	367	\$30.840	8.411	1.676	0.967	-0.279	13.819	0.000
Manual	0	222	\$30.840	13.910	1.598	0.967	-0.461	21.766	0.000
Incoming Secondary (Package)									
Mechanized	0	367	\$30.840	8.411	1.676	0.967	-0.279	13.819	0.000
Manual	0	431	\$30.840	7.156	1.598	0.967	-0.237	11.198	0.000
Outgoing Primary (Piece)									
AFSM100 Auto	2,566	2,343	\$30.840	1.316	1.746	0.967	-0.044	2.254	0.578
VCS Keying	157	395	\$20.409	5.167	1.459	0.967	-0.171	7.367	0.116
FSM881 Auto	313	1,142	\$30.840	2.701	1.416	0.967	-0.089	3.735	0.117
FSM1000 Auto	1,253	543	\$30.840	5.677	1.587	0.967	-0.188	8.821	1.106
FSM1000 Keying	72	791	\$30.840	3.901	1.587	0.967	-0.129	6.062	0.044
Manual	173	614	\$30.840	5.022	1.398	0.967	-0.166	6.857	0.119
Outgoing Secondary (Piece)									
AFSM100 Auto	209	3,328	\$30.840	0.927	1.746	0.967	-0.031	1.587	0.033
VCS Keying	13	395	\$20.409	5.167	1.459	0.967	-0.171	7.367	0.009
FSM881 Auto	31	1,304	\$30.840	2.365	1.416	0.967	-0.078	3.270	0.010
FSM1000 Auto	154	1,351	\$30.840	2.282	1.587	0.967	-0.076	3.546	0.055
FSM1000 Keying	8	981	\$30.840	3.143	1.587	0.967	-0.104	4.885	0.004
Manual	23	600	\$30.840	5.140	1.398	0.967	-0.170	7.018	0.016
Incoming MMP (Piece)									
AFSM100 Auto	5,191	2,085	\$30.840	1.479	1.746	0.967	-0.049	2.533	1.315
VCS Keying	318	395	\$20.409	5.167	1.459	0.967	-0.171	7.367	0.234
FSM881 Auto	703	886	\$30.840	3.479	1.416	0.967	-0.115	4.811	0.338
FSM1000 Auto	2,393	1,589	\$30.840	1.941	1.587	0.967	-0.064	3.015	0.721
FSM1000 Keying	130	685	\$30.840	4.501	1.587	0.967	-0.149	6.994	0.091
Manual	428	562	\$30.840	5.488	1.398	0.967	-0.182	7.493	0.321
Incoming SCF (Piece)									
AFSM100 Auto	1,470	2,249	\$30.840	1.371	1.746	0.967	-0.045	2.349	0.345
VCS Keying	90	395	\$20.409	5.167	1.459	0.967	-0.171	7.367	0.066
FSM881 Auto	230	974	\$30.840	3.165	1.416	0.967	-0.105	4.377	0.101
FSM1000 Auto	784	1,582	\$30.840	1.949	1.587	0.967	-0.065	3.028	0.237
FSM1000 Keying	42	785	\$30.840	3.928	1.587	0.967	-0.130	6.104	0.026
Manual	182	768	\$30.840	4.018	1.398	0.967	-0.133	5.486	0.100
Incoming Primary (Piece)									
AFSM100 Auto	658	1,831	\$30.840	1.597	1.746	0.967	-0.053	2.736	0.179
VCS Keying	40	395	\$20.409	5.167	1.459	0.967	-0.171	7.367	0.030
FSM881 Auto	86	946	\$30.840	3.260	1.416	0.967	-0.108	4.508	0.039
FSM1000 Auto	435	1,214	\$30.840	2.541	1.587	0.967	-0.084	3.949	0.172
FSM1000 Keying	25	746	\$30.840	4.134	1.587	0.967	-0.137	6.424	0.016
Manual	109	549	\$30.840	5.614	1.398	0.967	-0.186	7.666	0.083
Incoming Secondary (Piece)									
AFSM100 Auto	3,936	2,305	\$30.840	1.338	1.746	0.967	-0.044	2.291	0.902
VCS Keying	241	395	\$20.409	5.167	1.459	0.967	-0.171	7.367	0.178
FSM881 Auto	491	953	\$30.840	3.237	1.416	0.967	-0.107	4.476	0.220
FSM1000 Auto	0	1,650	\$30.840	1.869	1.587	0.967	-0.082	2.904	0.000
FSM1000 Keying	0	878	\$30.840	3.511	1.587	0.967	-0.116	5.456	0.000
Manual	5,682	594	\$30.840	5.189	1.398	0.967	-0.172	7.085	4.026

(10)
MODEL COST = **13.392**

(1) Values From Page 77
 (2) Values From Page 87
 (3) Values From Page 88
 (4) [(3) * (100 cents/dollar)] / (2)
 (5) Values From Page 89

(6) Values From Page 88
 (7) [(6) - 1] * (4)
 (8) (4) * (6) + (7)
 (9) (1) * (8) / 10,000 Pieces
 (10) Sum (9)

BASIC AUTO PRESORT MAIL FLOW MODEL

PCS IN =

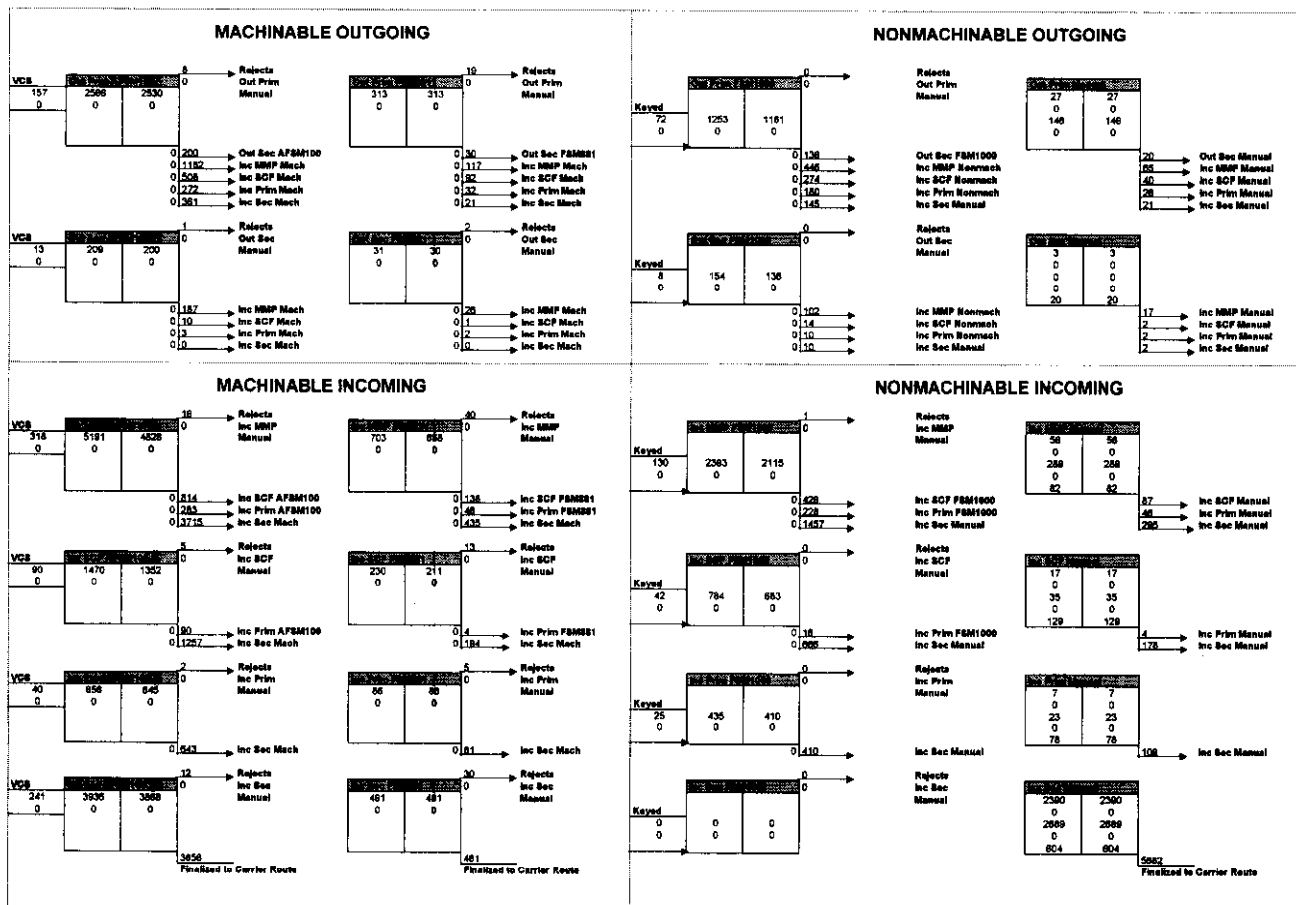
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PCS OUT =

10000

PIECE ENTRY POINTS:

SC Mach Out Prim	2543	Non-SC Mach Out Prim	0	SC Nonmach Out Prim	1327	Non-SC Nonmach Out Prim	0
SC Mach Out Sec	0	Non-SC Mach Out Sec	0	SC Nonmach Out Sec	0	Non-SC Nonmach Out Sec	0
SC Mach Inc MMF	3875	Non-SC Mach Inc MMF	0	SC Nonmach Inc MMF	1555	Non-SC Nonmach Inc MMF	0
SC Mach Inc SCF	0	Non-SC Mach Inc SCF	0	SC Nonmach Inc SCF	0	Non-SC Nonmach Inc SCF	0
SC Mach Inc Prim	0	Non-SC Mach Inc Prim	0	SC Nonmach Inc Prim	0	Non-SC Nonmach Inc Prim	0
SC Mach Inc Sec	0	Non-SC Mach Inc Sec	0	SC Nonmach Inc Sec	0	Non-SC Nonmach Inc Sec	0



BASIC AUTO PRESORT (PRESORT LEVELS HELD CONSTANT) **COST SHEET**

Operation	(1) Volume	(2) Packages or Pieces Per Hour	(3) Wage Rate	(4) Direct Cents Per Piece	(5) Piggyback Factor	(6) Premium Pay Factor	(7) Premium Pay Adjust	(8) Total Cents Per Piece	(9) Weighted Cents Per Piece
Outgoing Primary (Package)									
Mechanized	182	367	\$30.840	8.411	1.676	0.967	-0.279	13.819	0.251
Manual	77	80	\$30.840	38.723	1.598	0.967	-1.283	60.595	0.468
Incoming MMP (Package)									
Mechanized	288	367	\$30.840	8.411	1.676	0.967	-0.279	13.819	0.398
Manual	77	180	\$30.840	17.160	1.598	0.967	-0.569	26.853	0.206
Incoming Primary (Package)									
Mechanized	10	367	\$30.840	8.411	1.676	0.967	-0.279	13.819	0.014
Manual	5	222	\$30.840	13.910	1.598	0.967	-0.481	21.766	0.010
Incoming Secondary (Package)									
Mechanized	0	367	\$30.840	8.411	1.676	0.967	-0.279	13.819	0.000
Manual	0	431	\$30.840	7.156	1.598	0.967	-0.237	11.198	0.000
Outgoing Primary (Piece)									
AFSM100 Auto	966	2,343	\$30.840	1.318	1.746	0.967	-0.044	2.254	0.218
VCS Keying	59	395	\$20.409	5.167	1.459	0.967	-0.171	7.367	0.044
FSM881 Auto	118	1,142	\$30.840	2.701	1.416	0.967	-0.089	3.735	0.044
FSM1000 Auto	859	543	\$30.840	5.677	1.587	0.967	-0.188	8.821	0.758
FSM1000 Keying	50	791	\$30.840	3.901	1.587	0.967	-0.129	6.062	0.030
Manual	110	614	\$30.840	5.022	1.398	0.967	-0.166	6.857	0.076
Outgoing Secondary (Piece)									
AFSM100 Auto	79	3,328	\$30.840	0.927	1.746	0.967	-0.031	1.587	0.012
VCS Keying	5	395	\$20.409	5.167	1.459	0.967	-0.171	7.367	0.004
FSM881 Auto	12	1,304	\$30.840	2.365	1.416	0.967	-0.078	3.270	0.004
FSM1000 Auto	105	1,351	\$30.840	2.282	1.587	0.967	-0.076	3.546	0.037
FSM1000 Keying	6	981	\$30.840	3.143	1.587	0.967	-0.104	4.885	0.003
Manual	14	600	\$30.840	5.140	1.398	0.967	-0.170	7.018	0.010
Incoming MMP (Piece)									
AFSM100 Auto	1,960	2,085	\$30.840	1.479	1.746	0.967	-0.049	2.533	0.496
VCS Keying	120	395	\$20.409	5.167	1.459	0.967	-0.171	7.367	0.089
FSM881 Auto	265	886	\$30.840	3.479	1.416	0.967	-0.115	4.811	0.128
FSM1000 Auto	2,305	1,589	\$30.840	1.941	1.587	0.967	-0.064	3.015	0.695
FSM1000 Keying	125	685	\$30.840	4.501	1.587	0.967	-0.149	6.994	0.087
Manual	352	562	\$30.840	5.488	1.398	0.967	-0.182	7.493	0.264
Incoming SCF (Piece)									
AFSM100 Auto	554	2,249	\$30.840	1.371	1.746	0.967	-0.045	2.349	0.130
VCS Keying	34	395	\$20.409	5.167	1.459	0.967	-0.171	7.367	0.025
FSM881 Auto	87	974	\$30.840	3.165	1.416	0.967	-0.105	4.377	0.038
FSM1000 Auto	675	1,582	\$30.840	1.949	1.587	0.967	-0.065	3.028	0.204
FSM1000 Keying	36	785	\$30.840	3.928	1.587	0.967	-0.130	6.104	0.022
Manual	129	768	\$30.840	4.018	1.398	0.967	-0.133	5.486	0.071
Incoming Primary (Piece)									
AFSM100 Auto	1,638	1,931	\$30.840	1.597	1.746	0.967	-0.053	2.736	0.448
VCS Keying	100	395	\$20.409	5.167	1.459	0.967	-0.171	7.367	0.074
FSM881 Auto	219	948	\$30.840	3.260	1.416	0.967	-0.108	4.508	0.099
FSM1000 Auto	2,395	1,214	\$30.840	2.541	1.587	0.967	-0.084	3.949	0.946
FSM1000 Keying	138	746	\$30.840	4.134	1.587	0.967	-0.137	6.424	0.089
Manual	354	549	\$30.840	5.614	1.398	0.967	-0.186	7.666	0.272
Incoming Secondary (Piece)									
AFSM100 Auto	2,632	2,305	\$30.840	1.338	1.746	0.967	-0.044	2.291	0.603
VCS Keying	161	395	\$20.409	5.167	1.459	0.967	-0.171	7.367	0.119
FSM881 Auto	332	953	\$30.840	3.237	1.416	0.967	-0.107	4.476	0.149
FSM1000 Auto	0	1,650	\$30.840	1.869	1.587	0.967	-0.062	2.904	0.000
FSM1000 Keying	0	878	\$30.840	3.511	1.587	0.967	-0.116	5.456	0.000
Manual	7,109	594	\$30.840	5.189	1.398	0.967	-0.172	7.085	5.036

(10)
MODEL COST = **12.670**

(1) Values From Page 79
(2) Values From Page 87
(3) Values From Page 88
(4) [(3) * (100 cents/dollar)] / (2)
(5) Values From Page 89

(6) Values From Page 88
(7) [(6) - 1] * (4)
(8) (4) * (5) + (7)
(9) (1) * (8) / 10,000 Pieces
(10) Sum (9)

BASIC AUTO PRESORT (PRESORT LEVELS HELD CONSTANT) MAIL FLOW MODEL

PCS IN =

10000

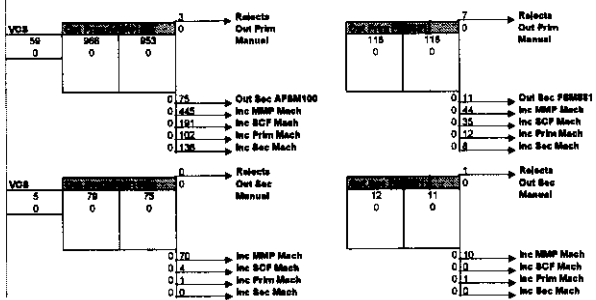
PCS OUT =

10000

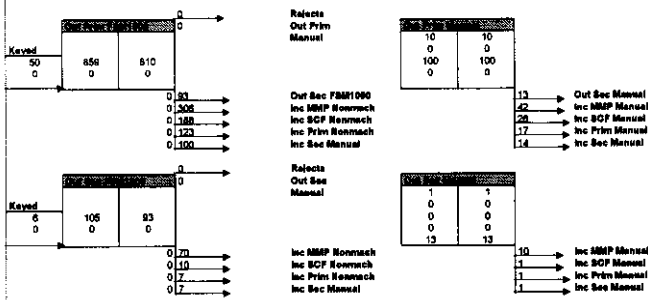
PIECE ENTRY POINTS:

BC Mach Out Prim	1071	Non-BC Mach Out Prim	0	BC Nonmach Out Prim	810	Non-BC Nonmach Out Prim	0
BC Mach Out Sec	0	Non-BC Mach Out Sec	0	BC Nonmach Out Sec	0	Non-BC Nonmach Out Sec	0
BC Mach Inc MMF	1902	Non-BC Mach Inc MMF	0	BC Nonmach Inc MMF	1838	Non-BC Nonmach Inc MMF	0
BC Mach Inc SCF	0	Non-BC Mach Inc SCF	0	BC Nonmach Inc SCF	0	Non-BC Nonmach Inc SCF	0
BC Mach Inc Prim	1553	Non-BC Mach Inc Prim	0	BC Nonmach Inc Prim	2170	Non-BC Nonmach Inc Prim	0
BC Mach Inc Sec	423	Non-BC Mach Inc Sec	0	BC Nonmach Inc Sec	433	Non-BC Nonmach Inc Sec	0

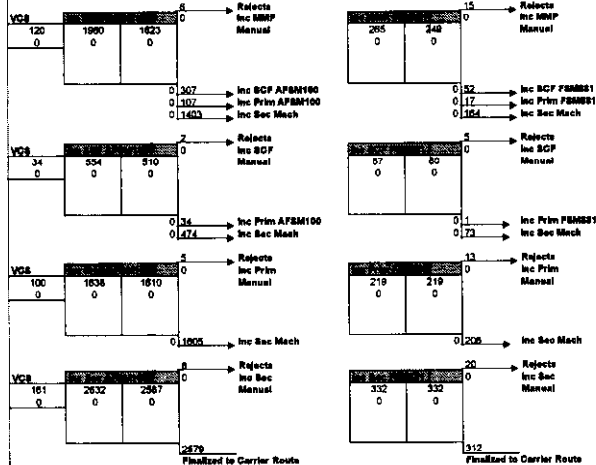
MACHINABLE OUTGOING



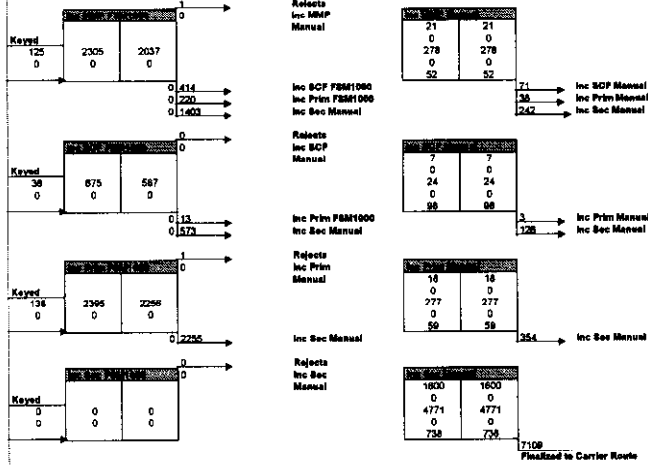
NONMACHINABLE OUTGOING



MACHINABLE INCOMING



NONMACHINABLE INCOMING



3-/5-DIGIT AUTO PRESORT COST SHEET

	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
<u>Operation</u>	<u>Volume</u>	<u>Packages or Pieces Per Hour</u>	<u>Wage Rate</u>	<u>Direct Cents Per Piece</u>	<u>Piggyback Factor</u>	<u>Premium Pay Factor</u>	<u>Premium Pay Adjust</u>	<u>Total Cents Per Piece</u>	<u>Weighted Cents Per Piece</u>
Outgoing Primary (Package)									
Mechanized	8	367	\$30.840	8.411	1.676	0.967	-0.279	13.819	0.011
Manual	6	80	\$30.840	38.723	1.598	0.967	-1.283	60.595	0.036
Incoming MMP (Package)									
Mechanized	154	367	\$30.840	8.411	1.676	0.967	-0.279	13.819	0.212
Manual	37	180	\$30.840	17.160	1.598	0.967	-0.569	26.853	0.100
Incoming Primary (Package)									
Mechanized	175	367	\$30.840	8.411	1.676	0.967	-0.279	13.819	0.242
Manual	77	222	\$30.840	13.910	1.598	0.967	-0.461	21.768	0.167
Incoming Secondary (Package)									
Mechanized	0	367	\$30.840	8.411	1.676	0.967	-0.279	13.819	0.000
Manual	0	431	\$30.840	7.156	1.598	0.96687	-0.237	11.198	0.000
Outgoing Primary (Piece)									
AFSM100 Auto	21	2,343	\$30.840	1.316	1.746	0.967	-0.044	2.254	0.005
VCS Keying	1	395	\$20.409	5.167	1.459	0.967	-0.171	7.367	0.001
FSM881 Auto	3	1,142	\$30.840	2.701	1.416	0.967	-0.089	3.735	0.001
FSM1000 Auto	10	543	\$30.840	5.677	1.587	0.967	-0.188	8.821	0.009
FSM1000 Keying	1	791	\$30.840	3.901	1.587	0.967	-0.129	6.062	0.000
Manual	1	614	\$30.840	5.022	1.398	0.967	-0.166	6.857	0.001
Outgoing Secondary (Piece)									
AFSM100 Auto	2	3,328	\$30.840	0.927	1.746	0.967	-0.031	1.587	0.000
VCS Keying	0	395	\$20.409	5.167	1.459	0.967	-0.171	7.367	0.000
FSM881 Auto	0	1,304	\$30.840	2.365	1.416	0.967	-0.078	3.270	0.000
FSM1000 Auto	1	1,351	\$30.840	2.282	1.587	0.967	-0.076	3.546	0.000
FSM1000 Keying	0	981	\$30.840	3.143	1.587	0.967	-0.104	4.885	0.000
Manual	0	600	\$30.840	5.140	1.398	0.967	-0.170	7.018	0.000
Incoming MMP (Piece)									
AFSM100 Auto	141	2,085	\$30.840	1.479	1.746	0.967	-0.049	2.533	0.036
VCS Keying	9	395	\$20.409	5.167	1.459	0.967	-0.171	7.367	0.006
FSM881 Auto	19	886	\$30.840	3.479	1.416	0.967	-0.115	4.811	0.009
FSM1000 Auto	68	1,589	\$30.840	1.941	1.587	0.967	-0.064	3.015	0.020
FSM1000 Keying	4	665	\$30.840	4.501	1.587	0.967	-0.149	6.994	0.003
Manual	10	562	\$30.840	5.488	1.398	0.967	-0.182	7.493	0.008
Incoming SCF (Piece)									
AFSM100 Auto	29	2,249	\$30.840	1.371	1.746	0.967	-0.045	2.349	0.007
VCS Keying	2	395	\$20.409	5.167	1.459	0.967	-0.171	7.367	0.001
FSM881 Auto	5	974	\$30.840	3.165	1.416	0.967	-0.105	4.377	0.002
FSM1000 Auto	16	1,582	\$30.840	1.949	1.587	0.967	-0.065	3.028	0.005
FSM1000 Keying	1	785	\$30.840	3.928	1.587	0.967	-0.130	6.104	0.001
Manual	3	768	\$30.840	4.018	1.398	0.967	-0.133	5.486	0.002
Incoming Primary (Piece)									
AFSM100 Auto	2,001	1,931	\$30.840	1.597	1.746	0.967	-0.053	2.736	0.547
VCS Keying	123	395	\$20.409	5.167	1.459	0.967	-0.171	7.367	0.090
FSM881 Auto	268	946	\$30.840	3.260	1.416	0.967	-0.108	4.508	0.121
FSM1000 Auto	977	1,214	\$30.840	2.541	1.587	0.967	-0.084	3.949	0.386
FSM1000 Keying	56	746	\$30.840	4.134	1.587	0.967	-0.137	6.424	0.036
Manual	149	549	\$30.840	5.614	1.398	0.967	-0.186	7.666	0.114
Incoming Secondary (Piece)									
AFSM100 Auto	3,963	2,305	\$30.840	1.338	1.746	0.967	-0.044	2.291	0.908
VCS Keying	243	395	\$20.409	5.167	1.459	0.967	-0.171	7.367	0.179
FSM881 Auto	520	953	\$30.840	3.237	1.416	0.967	-0.107	4.476	0.233
FSM1000 Auto	0	1,650	\$30.840	1.869	1.587	0.967	-0.062	2.904	0.000
FSM1000 Keying	0	878	\$30.840	3.511	1.587	0.967	-0.116	5.456	0.000
Manual	5,628	594	\$30.840	5.189	1.398	0.967	-0.172	7.085	3.987

(10)
MODEL COST = **7.488**

(1) Values From Page 81
(2) Values From Page 87
(3) Values From Page 88
(4) $[(3) * (100 \text{ cents/dollar})] / (2)$
(5) Values From Page 89

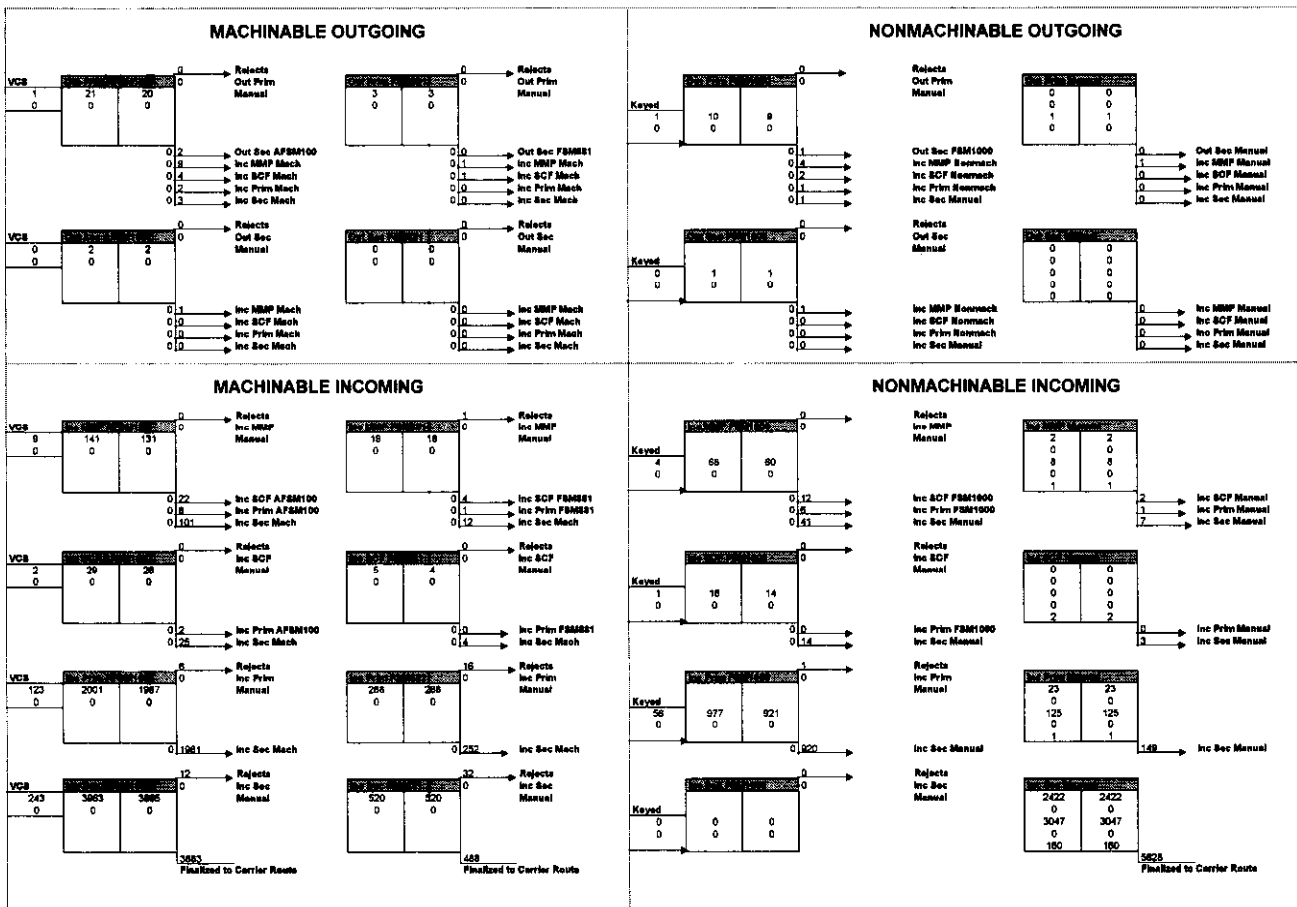
(6) Values From Page 88
(7) $[(6) - 1] * (4)$
(8) $(4) * (5) + (7)$
(9) $(1) * (8) / 10,000 \text{ Pieces}$
(10) Sum (9)

3-5-DIGIT AUTO PRESORT MAIL FLOW MODEL

PCS IN = 10000 PCS OUT = 10000

PIECE ENTRY POINTS:

BC Mach Out Prim	23	Non-BC Mach Out Prim	0	BC Nonmach Out Prim	11	Non-BC Nonmach Out Prim	0
BC Mach Out Sec	0	Non-BC Mach Out Sec	0	BC Nonmach Out Sec	0	Non-BC Nonmach Out Sec	0
BC Mach Inc MMF	137	Non-BC Mach Inc MMF	0	BC Nonmach Inc MMF	64	Non-BC Nonmach Inc MMF	0
BC Mach Inc BCF	0	Non-BC Mach Inc BCF	0	BC Nonmach Inc BCF	0	Non-BC Nonmach Inc BCF	0
BC Mach Inc Prim	2222	Non-BC Mach Inc Prim	0	BC Nonmach Inc Prim	1037	Non-BC Nonmach Inc Prim	0
BC Mach Inc Sec	4436	Non-BC Mach Inc Sec	0	BC Nonmach Inc Sec	2070	Non-BC Nonmach Inc Sec	0



3-/5-DIGIT AUTO PRESORT (PRESORT LEVELS HELD CONSTANT) COST SHEET

Operation	(1) Volume	(2) Packages or Pieces Per Hour	(3) Wage Rate	(4) Direct Cents Per Piece	(5) Piggyback Factor	(6) Premium Pay Factor	(7) Premium Pay Adjust	(8) Total Cents Per Piece	(9) Weighted Cents Per Piece
Outgoing Primary (Package)									
Mechanized	0	367	\$30.840	8.411	1.676	0.967	-0.279	13.819	0.000
Manual	0	80	\$30.840	38.723	1.598	0.967	-1.283	60.595	0.000
Incoming MMP (Package)									
Mechanized	56	367	\$30.840	8.411	1.676	0.967	-0.279	13.819	0.078
Manual	14	180	\$30.840	17.180	1.598	0.967	-0.569	26.853	0.038
Incoming Primary (Package)									
Mechanized	216	367	\$30.840	8.411	1.676	0.967	-0.279	13.819	0.298
Manual	94	222	\$30.840	13.910	1.598	0.967	-0.461	21.766	0.204
Incoming Secondary (Package)									
Mechanized	0	367	\$30.840	8.411	1.676	0.967	-0.279	13.819	0.000
Manual	0	431	\$30.840	7.156	1.598	0.96687	-0.237	11.198	0.000
Outgoing Primary (Piece)									
AFSM100 Auto	0	2,343	\$30.840	1.316	1.746	0.967	-0.044	2.254	0.000
VCS Keying	0	395	\$20.409	5.167	1.459	0.967	-0.171	7.367	0.000
FSM881 Auto	0	1,142	\$30.840	2.701	1.416	0.967	-0.089	3.735	0.000
FSM1000 Auto	0	543	\$30.840	5.677	1.587	0.967	-0.188	8.821	0.000
FSM1000 Keying	0	791	\$30.840	3.901	1.587	0.967	-0.129	6.062	0.000
Manual	0	614	\$30.840	5.022	1.398	0.967	-0.166	6.857	0.000
Outgoing Secondary (Piece)									
AFSM100 Auto	0	3,328	\$30.840	0.927	1.746	0.967	-0.031	1.587	0.000
VCS Keying	0	395	\$20.409	5.167	1.459	0.967	-0.171	7.367	0.000
FSM881 Auto	0	1,304	\$30.840	2.365	1.416	0.967	-0.078	3.270	0.000
FSM1000 Auto	0	1,351	\$30.840	2.282	1.587	0.967	-0.076	3.546	0.000
FSM1000 Keying	0	981	\$30.840	3.143	1.587	0.967	-0.104	4.885	0.000
Manual	0	600	\$30.840	5.140	1.398	0.967	-0.170	7.018	0.000
Incoming MMP (Piece)									
AFSM100 Auto	10	2,085	\$30.840	1.479	1.746	0.967	-0.049	2.533	0.003
VCS Keying	1	395	\$20.409	5.167	1.459	0.967	-0.171	7.367	0.000
FSM881 Auto	1	886	\$30.840	3.479	1.416	0.967	-0.115	4.811	0.001
FSM1000 Auto	11	1,589	\$30.840	1.941	1.587	0.967	-0.064	3.015	0.003
FSM1000 Keying	1	685	\$30.840	4.501	1.587	0.967	-0.149	6.994	0.000
Manual	1	582	\$30.840	5.488	1.398	0.967	-0.182	7.493	0.001
Incoming SCF (Piece)									
AFSM100 Auto	2	2,249	\$30.840	1.371	1.746	0.967	-0.045	2.349	0.000
VCS Keying	0	395	\$20.409	5.167	1.459	0.967	-0.171	7.367	0.000
FSM881 Auto	0	974	\$30.840	3.165	1.416	0.967	-0.105	4.377	0.000
FSM1000 Auto	2	1,582	\$30.840	1.949	1.587	0.967	-0.065	3.028	0.001
FSM1000 Keying	0	785	\$30.840	3.928	1.587	0.967	-0.130	6.104	0.000
Manual	0	768	\$30.840	4.018	1.398	0.967	-0.133	5.488	0.000
Incoming Primary (Piece)									
AFSM100 Auto	1,516	1,931	\$30.840	1.597	1.746	0.967	-0.053	2.736	0.415
VCS Keying	93	395	\$20.409	5.167	1.459	0.967	-0.171	7.367	0.068
FSM881 Auto	203	946	\$30.840	3.260	1.416	0.967	-0.106	4.508	0.082
FSM1000 Auto	1,386	1,214	\$30.840	2.541	1.587	0.967	-0.084	3.949	0.547
FSM1000 Keying	80	746	\$30.840	4.134	1.587	0.967	-0.137	6.424	0.051
Manual	196	549	\$30.840	5.614	1.398	0.967	-0.186	7.666	0.150
Incoming Secondary (Piece)									
AFSM100 Auto	3,553	2,305	\$30.840	1.338	1.746	0.967	-0.044	2.291	0.814
VCS Keying	218	395	\$20.409	5.167	1.459	0.967	-0.171	7.367	0.180
FSM881 Auto	468	953	\$30.840	3.237	1.416	0.967	-0.107	4.476	0.210
FSM1000 Auto	0	1,650	\$30.840	1.969	1.587	0.967	-0.062	2.904	0.000
FSM1000 Keying	0	878	\$30.840	3.511	1.587	0.967	-0.116	5.456	0.000
Manual	6,079	594	\$30.840	5.189	1.398	0.967	-0.172	7.085	4.307

(10)
MODEL COST = **7.442**

(1) Values From Page 83
(2) Values From Page 87
(3) Values From Page 88
(4) [(3) * (100 cents/dollar)] / (2)
(5) Values From Page 89

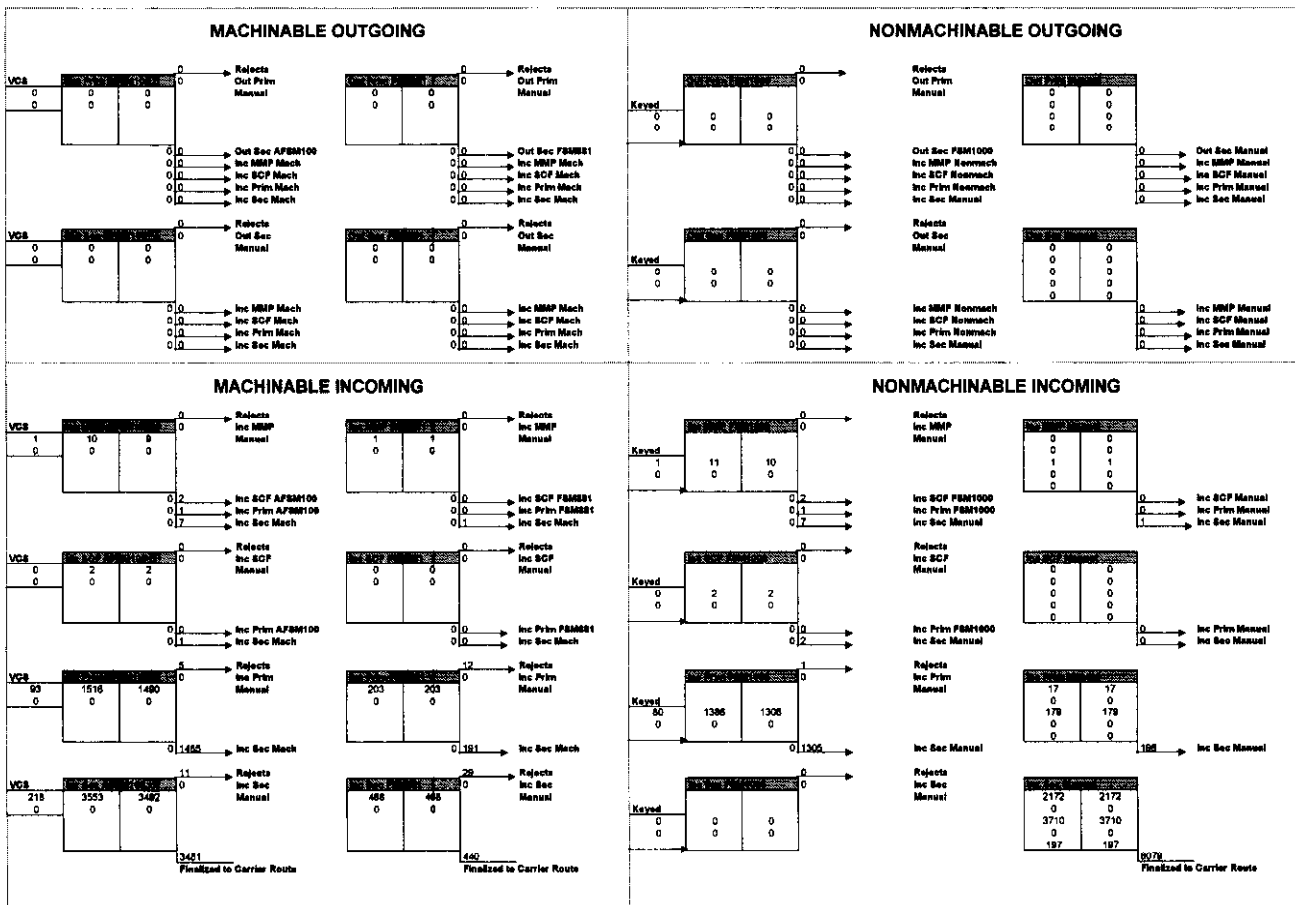
(6) Values From Page 88
(7) [(6) - 1] * (4)
(8) (4) * (5) + (7)
(9) (1) * (8) / 10,000 Pieces
(10) Sum (9)

3-5-DIGIT AUTO PRESORT (PRESORT LEVELS HELD CONSTANT) MAIL FLOW MODEL

PCS IN = 10000 PCS OUT = 10000

PIECE ENTRY POINTS:

BC Mach Out Prim	0	Non-BC Mach Out Prim	0	BC Nonmach Out Prim	0	Non-BC Nonmach Out Prim	0
BC Mach Out Sec	0	Non-BC Mach Out Sec	0	BC Nonmach Out Sec	0	Non-BC Nonmach Out Sec	0
BC Mach Inc MMF	11	Non-BC Mach Inc MMF	0	BC Nonmach Inc MMF	11	Non-BC Nonmach Inc MMF	0
BC Mach Inc SCF	0	Non-BC Mach Inc SCF	0	BC Nonmach Inc SCF	0	Non-BC Nonmach Inc SCF	0
BC Mach Inc Prim	1982	Non-BC Mach Inc Prim	0	BC Nonmach Inc Prim	1483	Non-BC Nonmach Inc Prim	0
BC Mach Inc Sec	4407	Non-BC Mach Inc Sec	0	BC Nonmach Inc Sec	2386	Non-BC Nonmach Inc Sec	0



FLATS ACCEPT/FINALIZATION RATES

<u>EQUIPMENT</u>	<u>OP</u>	(1) (BARCODE) <u>BCR</u> <u>ACCEPT</u>	(1) (NO BARCODE) <u>OCR</u> <u>ACCEPT</u>	(2) <u>KEYING</u> <u>ACCEPT</u>	(2) <u>REFED</u> <u>MISFACED/</u> <u>VCS TIME OUT</u>	(1) <u>VCS IMAGE</u> <u>FINALIZATION</u> <u>RATE</u>	(2) <u>TOTAL</u> <u>ACCEPT</u> <u>RATE</u>
<u>SPBS/LIPS</u>	All Outgoing	---	---	---	---	---	98.70%
	All Incoming	---	---	---	---	---	98.22%
AFSM100	331	93.87%	73.63%	---	1.40%	95.00%	93.32%
	332	93.87%	73.63%	---	1.88%	95.00%	93.90%
	333	93.87%	73.63%	---	2.56%	95.00%	94.98%
	334	93.87%	73.63%	---	1.74%	95.00%	94.84%
FSM881	421	93.87%	73.63%	---	---	---	---
	422	93.87%	73.63%	---	---	---	---
	423	93.87%	73.63%	---	---	---	---
	424	93.87%	73.63%	---	---	---	---
FSM1000	441/461	93.87%	73.63%	99.55%	---	---	---
	442/462	93.87%	73.63%	98.58%	---	---	---
	443/463	93.87%	73.63%	99.48%	---	---	---
	444/464	93.87%	73.63%	98.98%	---	---	---

(1) Engineering Estimates

(2) USPS LR-J-63, page 15

PIECE DISTRIBUTION MAIL FLOW DENSITY TABLES SUMMARY

Source: USPS LR-J-63, page 14

<u>EQUIPMENT</u>	<u>OP NO</u>	<u>OP</u>	<u>OS</u>	<u>MMP</u>	<u>SCF</u>	<u>IP</u>	<u>IS</u>	<u>TOTAL</u>
AFSM100	331	0.00%	7.94%	46.85%	20.13%	10.78%	14.30%	100.00%
	332	0.00%	2.38%	93.55%	4.83%	1.60%	0.02%	100.00%
	333	0.00%	0.00%	4.97%	16.91%	5.88%	77.21%	100.00%
	334	0.00%	0.00%	0.00%	7.02%	6.70%	93.30%	100.00%
FSM881	141/421	0.00%	10.36%	39.85%	31.50%	11.03%	7.26%	100.00%
	142/422	0.00%	2.99%	89.95%	4.60%	5.45%	0.00%	100.00%
	143/423	0.00%	0.00%	6.77%	22.29%	7.36%	70.35%	100.00%
	144/424	0.00%	0.00%	0.00%	9.04%	1.93%	98.07%	100.00%
FSM1000	441/461	0.00%	11.54%	37.77%	23.18%	15.22%	12.30%	100.00%
	442/462	0.00%	6.80%	75.22%	10.37%	7.04%	7.37%	100.00%
	443/463	0.00%	0.00%	6.99%	20.31%	10.78%	68.91%	100.00%
	444/464	0.00%	0.00%	0.00%	8.75%	2.30%	97.70%	100.00%
Manual	060	0.00%	11.54%	37.77%	23.18%	15.22%	12.30%	100.00%
	070	0.00%	0.00%	75.22%	10.37%	7.04%	7.37%	100.00%
	073	0.00%	0.00%	0.00%	20.31%	10.78%	68.91%	100.00%
	074	0.00%	0.00%	0.00%	0.00%	2.30%	97.70%	100.00%

FLATS COVERAGE FACTORS

Originating Flats	First-Class	Periodicals	Standard	<u>Source</u>
AFSM100	90.00%	87.00%	89.00%	Docket No. R2000-1, USPS LR-I-90
FSM1000	90.00%	87.00%	89.00%	Docket No. R2000-1, USPS LR-I-90
Destinating Flats				
AFSM100	90.00%	88.00%	88.00%	Docket No. R2000-1, USPS LR-I-90
FSM1000	90.00%	88.00%	88.00%	Docket No. R2000-1, USPS LR-I-90
Incoming Secondary Machinable Flats				
AFSM100/FSM881	65.00%	65.00%	65.00%	Operations estimate
Manual	35.00%	35.00%	35.00%	Operations estimate

FLATS OPERATION PRODUCTIVITIES

Description	(1) Variability Factor	(2) MODS Productivity	Productivity Source	(3) Marginal Productivity
Mechanized Pkg Sort	66%	242	USPS LR-J-56	367
Manual Pkg Sort Out MADC	95%	76	Docket No. R2000-1, USPS LR-I-88	80
Manual Pkg Sort Inc ADC	95%	171	Docket No. R2000-1, USPS LR-I-88	180
Manual Pkg Sort Inc Primary	95%	211	Docket No. R2000-1, USPS LR-I-88	222
Manual Pkg Sort Inc Secondary	95%	409	Docket No. R2000-1, USPS LR-I-88	431
Flats VCS Keying	100%	395	MODS FY 2001 AP 10 YTD	395
AFSM100 Outgoing Primary	74%	1734	MODS FY 2001 AP 10 YTD	2343
AFSM100 Outgoing Secondary	74%	2463	MODS FY 2001 AP 10 YTD	3328
AFSM100 Incoming MMP	74%	1543	MODS FY 2001 AP 10 YTD	2085
AFSM100 Incoming SCF	74%	1664	MODS FY 2001 AP 10 YTD	2249
AFSM100 Incoming Primary	74%	1429	MODS FY 2001 AP 10 YTD	1931
AFSM100 Incoming Secondary	74%	1706	MODS FY 2001 AP 10 YTD	2305
FSM881 BCR/OCR Outgoing Primary	74%	845	USPS LR-J-56	1142
FSM881 BCR/OCR Outgoing Secondary	74%	965	USPS LR-J-56	1304
FSM881 BCR/OCR Incoming MMP	74%	656	USPS LR-J-56	886
FSM881 BCR/OCR Incoming SCF	74%	721	USPS LR-J-56	974
FSM881 BCR/OCR Incoming Primary	74%	700	USPS LR-J-56	946
FSM881 BCR/OCR Incoming Secondary	74%	705	USPS LR-J-56	953
FSM1000 BCR/OCR Outgoing Primary	74%	402	USPS LR-J-56	543
FSM1000 BCR/OCR Outgoing Secondary	74%	1000	USPS LR-J-56	1351
FSM1000 BCR/OCR Incoming MMP	74%	1176	USPS LR-J-56	1589
FSM1000 BCR/OCR Incoming SCF	74%	1171	USPS LR-J-56	1582
FSM1000 BCR/OCR Incoming Primary	74%	898	USPS LR-J-56	1214
FSM1000 BCR/OCR Incoming Secondary	74%	1221	USPS LR-J-56	1650
FSM1000 Key Outgoing Primary	74%	585	USPS LR-J-56	791
FSM1000 Key Outgoing Secondary	74%	726	USPS LR-J-56	981
FSM1000 Key Incoming MMP	74%	507	USPS LR-J-56	685
FSM1000 Key Incoming SCF	74%	581	USPS LR-J-56	785
FSM1000 Key Incoming Primary	74%	552	USPS LR-J-56	746
FSM1000 Key Incoming Secondary	74%	650	USPS LR-J-56	878
Manual Outgoing Primary	71%	436	USPS LR-J-56	614
Manual Outgoing Secondary	71%	426	USPS LR-J-56	600
Manual Incoming MMP	71%	399	USPS LR-J-56	562
Manual Incoming SCF	71%	545	USPS LR-J-56	768
Manual Incoming Primary	71%	390	USPS LR-J-56	549
Manual Incoming Secondary	71%	422	USPS LR-J-56	594

(1) USPS-T-13, Table 1

(2) MODS Productivity

(3) (2) / (1)

FLATS WAGE RATES

<u>Description</u>	<u>Source</u>	<u>Wage Rate</u>
LDC 15 (Remote Encoding Centers/Video Coding System)	USPS LR-J-50	\$20.409
Other Mail Processing	USPS LR-J-50	\$30.840
First-Class Premium Pay Adjustment Factor	USPS LR-J-52	1.012
Periodicals Premium Pay Adjustment Factor	USPS LR-J-52	1.019
Standard Premium Pay Adjustment Factor	USPS LR-J-52	0.967

FLATS PIGGYBACK FACTORS

<u>Description</u>	Piggyback	
	<u>Factor</u>	<u>Source</u>
Mechanized Bundles (MODS 13 SPBS OTH)	1.676	USPS LR-J-53
Manual Bundles (MODS 17 POUCHING)	1.598	USPS LR-J-53
AFSM100	1.746	USPS LR-J-52
VCS Keying (LDC15)	1.459	USPS LR-J-53
FSM881	1.416	USPS LR-J-52
FSM1000	1.587	USPS LR-J-52
Manual (MODS 14 MANF)	1.398	USPS LR-J-53

[illegible]

Directed Tension

STANDARD FLATS PACKAGE SORTATION

[illegible]

Dravid Tamil

STANDARD FLATS FY2000 VOLUMES

	Nonautomation Basic	Regular	Non Profit	Total
Nonautomation Basic	869,948,833	203,872,336	1,072,821,169	USPS LR-J-88
Automation Basic	1,598,193,759	321,460,216	1,919,653,975	USPS LR-J-88
Automation Basic	346,136,364	78,661,815	424,818,179	USPS LR-J-88
Automation 3-4-Digit	11,752,204,472	1,358,908,868	13,099,111,340	USPS LR-J-88
Total	14,563,493,428	1,940,721,235	16,504,204,663	

Rate Category	Container Present	Package Present	Automation Compatible	Machinability	Std Reg Pallet Volume	Std Reg Sack Volume	Std NP Pallet Volume	Std NP Sack Volume	Std NP Total Volume	Total Std Pallet Volume	Total Std Sack Volume	Percent	Total Std Pallet Volume	Total Std Sack Volume	Percent
Nonauto Basic	IMADC	MADC	Nonbarcoded	Nonmachinable	44,011,326	0	27,517,896	0	0.00%	0.00%	71,528,222	6.67%	71,528,222	71,528,222	6.67%
		MADC	Nonbarcoded	Machinable	51,084,889	0	37,718,958	0	0.00%	0.00%	88,803,487	8.28%	88,803,487	88,803,487	8.28%
		ADC	Nonbarcoded	Nonmachinable	54,930,005	0	2,443,015	0	0.00%	0.00%	57,373,021	5.35%	57,373,021	57,373,021	5.35%
		ADC	Nonbarcoded	Machinable	35,764,943	0	37,183,019	0	0.00%	0.00%	72,957,962	6.80%	72,957,962	72,957,962	6.80%
		3-Digit	Nonbarcoded	Nonmachinable	71,428,146	0	1,776,845	0	0.00%	0.00%	73,204,990	6.82%	73,204,990	73,204,990	6.82%
		3-Digit	Nonbarcoded	Machinable	41,526,246	0	22,537,653	0	0.00%	0.00%	64,063,899	5.97%	64,063,899	64,063,899	5.97%
		5-Digit	Nonbarcoded	Nonmachinable	17,820,222	0	386,581	0	0.00%	0.00%	18,206,804	1.70%	18,206,804	18,206,804	1.70%
		5-Digit	Nonbarcoded	Machinable	3,369,614	0	8,398,998	0	0.00%	0.00%	11,768,612	1.10%	11,768,612	11,768,612	1.10%
		BMC/ADC	Nonbarcoded	Nonmachinable	110,162,821	557,012	8,398,998	0	0.00%	0.00%	105,155,202	9.60%	105,155,202	9.60%	
		ADC	Nonbarcoded	Machinable	53,512,527	59,470	10,048,800	10,108,270	12,092,976	1.13%	51,527,820	4.80%	51,527,820	4.80%	
Nonauto 3/5-D	BMC/ADC	3-Digit	Nonbarcoded	Nonmachinable	212,441,787	0	262,018	0	0.00%	0.00%	212,703,805	19.83%	212,703,805	19.83%	
		3-Digit	Nonbarcoded	Machinable	106,930,133	0	34,132,920	34,132,920	141,063,053	13.15%	141,063,053	13.15%			
		5-Digit	Nonbarcoded	Nonmachinable	40,822,216	0	126,380	0	0.00%	0.00%	40,948,596	3.82%	40,948,596	3.82%	
		5-Digit	Nonbarcoded	Machinable	25,143,957	0	20,513,131	20,513,131	0.00%	0.00%	45,657,088	4.26%	45,657,088	4.26%	
		5-Digit	Nonbarcoded	Nonmachinable	851,350,696	59,470	203,812,868	203,872,336	17,657,608	1.65%	1,054,963,661	98.35%	1,054,963,661	98.35%	
		3-Digit	Nonbarcoded	Nonmachinable	58,472,745	0	0	0	0.00%	0.00%	58,472,745	3.05%	58,472,745	3.05%	
		3-Digit	Nonbarcoded	Machinable	69,459,032	0	3,977,367	0	0.00%	0.00%	73,436,399	6.83%	73,436,399	6.83%	
		5-Digit	Nonbarcoded	Nonmachinable	130,907,325	0	0	0	0.00%	0.00%	130,907,325	6.83%	130,907,325	6.83%	
		5-Digit	Nonbarcoded	Machinable	93,976,531	0	19,295,931	0	0.00%	0.00%	113,272,462	9.91%	113,272,462	9.91%	
		3-Digit	Nonbarcoded	Nonmachinable	168,837,334	0	9,336,769	9,336,769	23,308,973	1.22%	178,174,102	8.29%	178,174,102	8.29%	
Auto Basic	MADC	ADC	Nonbarcoded	Machinable	185,004,648	1,621,182	21,788,338	23,409,560	52,293,434	2.73%	156,130,715	8.14%	156,130,715	8.14%	
		ADC	Nonbarcoded	Nonmachinable	34,342,377	0	14,818,562	14,818,562	164,151,103	8.56%	113,932,432	10.77%	113,932,432	10.77%	
		ADC	Nonbarcoded	Machinable	164,151,103	0	263,284,912	263,284,912	184,151,103	8.56%	113,932,432	10.77%	113,932,432	10.77%	
		ADC	Nonbarcoded	Nonmachinable	13,399,593	0	73,251,608	86,651,202	182,988,062	9.54%	220,549,148	11.50%	220,549,148	11.50%	
		5-Digit	Nonbarcoded	Machinable	69,248,427	0	7,741,485	7,741,485	8,716,307	0.43%	68,813,541	3.59%	68,813,541	3.59%	
		5-Digit	Nonbarcoded	Nonmachinable	61,072,057	0	156,229,401	156,229,401	363,896,858	18.96%	373,054,562	19.45%	373,054,562	19.45%	
		5-Digit	Nonbarcoded	Machinable	207,667,458	0	156,229,401	321,460,216	915,703	0.48%	1,101,496,797	67.44%	1,101,496,797	67.44%	
		5-Digit	Nonbarcoded	Nonmachinable	816,330,634	38,294,063	283,166,163	816,167,178	42.56%	1,917,853,975	100.00%	1,917,853,975	100.00%		
		5-Digit	Nonbarcoded	Machinable	43,186,615	0	6,516,531	6,516,531	13,962,853	0.00%	49,703,146	11.70%	49,703,146	11.70%	
		5-Digit	Nonbarcoded	Machinable	92,535,185	0	13,962,853	13,962,853	106,498,038	25.07%	106,498,038	25.07%	106,498,038	25.07%	
Auto 3/5-D	MADC	ADC	Nonbarcoded	Machinable	27,084,345	0	11,002,032	11,002,032	38,086,377	8.97%	38,086,377	8.97%	38,086,377	8.97%	
		ADC	Nonbarcoded	Machinable	58,033,139	0	23,573,857	23,573,857	81,606,996	19.21%	81,606,996	19.21%	81,606,996	19.21%	
		ADC	Nonbarcoded	Nonmachinable	36,208,117	76,543	7,441,412	7,517,955	3,737,901	0.88%	43,649,529	10.27%	43,649,529	10.27%	
		ADC	Nonbarcoded	Machinable	7,845,124	164,007	15,944,580	16,108,587	93,527,061	22.02%	101,536,192	23.90%	101,536,192	23.90%	
		ADC	Nonbarcoded	Machinable	334,629,882	240,650	78,441,265	78,681,816	11,747,032	2.77%	424,818,179	100.00%	424,818,179	100.00%	
		3-Digit	Nonbarcoded	Nonmachinable	33,700,116	0	28,345,238	28,345,238	62,045,354	0.47%	62,045,354	0.47%	62,045,354	0.47%	
		3-Digit	Nonbarcoded	Machinable	72,208,632	0	60,734,833	60,734,833	132,943,465	1.02%	132,943,465	1.02%	132,943,465	1.02%	
		3-Digit	Nonbarcoded	Nonmachinable	6,611,284	0	11,026,655	11,026,655	17,637,939	0.13%	17,637,939	0.13%	17,637,939	0.13%	
		3-Digit	Nonbarcoded	Machinable	14,165,880	0	23,626,616	23,626,616	37,762,466	0.29%	37,762,466	0.29%	37,762,466	0.29%	
		3-Digit	Nonbarcoded	Nonmachinable	230,287,834	10,994,889	58,721,408	89,718,296	427,336,723	3.26%	289,006,342	2.21%	289,006,342	2.21%	
Auto 3/5-D	BMC/ADC	ADC	Nonbarcoded	Machinable	1,385,521,980	23,556,549	125,821,305	148,379,854	915,640,712	7.00%	619,255,122	4.73%	619,255,122	4.73%	
		ADC	Nonbarcoded	Nonmachinable	23,143,394	17,010,178	40,153,572	1,096,598,027	8.38%	1,534,901,934	11.73%	1,534,901,934	11.73%		
		ADC	Nonbarcoded	Machinable	49,588,934	68,467,405	86,936,588	2,349,660,880	1.95%	2,488,068,483	19.01%	2,488,068,483	19.01%		
		ADC	Nonbarcoded	Nonmachinable	2,300,071,947	2,402,033,098	2,865,408	109,869,428	0.84%	4,708,915,465	36.61%	4,708,915,465	36.61%		
		3-Digit	Nonbarcoded	Machinable	350,812,676	457,796,697	69,781,778	72,667,186	1,336,000,000	1.06%	1,336,000,000	1.06%	1,336,000,000	1.06%	
		3-Digit	Nonbarcoded	Nonmachinable	880,912,765	6,182,513	149,520,160	155,702,674	235,415,251	1.80%	901,200,177	6.89%	901,200,177	6.89%	
		3-Digit	Nonbarcoded	Machinable	339,226,056	1,209,316,533	148,627,629	906,422,240	6.83%	1,357,944,162	8.37%	1,357,944,162	8.37%		
		3-Digit	Nonbarcoded	Nonmachinable	726,853,573	2,591,180,786	318,461,747	1,942,174,640	14.84%	2,908,842,543	22.23%	2,908,842,543	22.23%		
		5-Digit	Nonbarcoded	Machinable	15,382,851	248,068,506	294,451,360	303,935,084	2.32%	319,317,946	2.44%	319,317,946	2.44%		
		5-Digit	Nonbarcoded	Nonmachinable	533,674,818	966,635,176	117,561,645	32,960,560	851,236,029	4.90%	684,186,822	5.23%	684,186,822	5.23%	
Grand Total				7,800,934,447	3,861,270,925	11,782,204,472	230,632,866	1,106,374,002	8,031,487,313	61.36%	6,057,944,027	38.64%	13,089,111,340	100.00%	
				5,856,881,237	288,126,839	1,871,894,296	1,940,721,235	8,877,929,131	7,827,176,632	87.74%	16,604,204,863	100.00%	16,604,204,863	100.00%	

STANDARD FLATS FY98 VOLUMES

Docket No. R2000-1, USPS LR-1-90

Rate Category	Container Presort	Package Presort	Automation Compatible	Machinability	Std Reg Pallet Volume	Std Reg Sack Volume	Std Reg Total Volume	Std NP Pallet Volume	Std NP Sack Volume	Std NP Total Volume	Total Std Pallet Volume	Percent	Total Std Sack Volume	Percent	Total Std Pallet/Sack Volume	Percent	
Nonauto Basic	MADC	MADC	Nonbarcoded	Nonmachinable	0	43,671,111	43,671,111	0	36,394,911	36,394,911	0	0.00%	80,066,022	7.08%	80,066,022	7.08%	
		MADC	Nonbarcoded	Machinable	0	50,689,994	50,689,994	0	49,886,264	49,886,264	0	0.00%	100,576,258	8.89%	100,576,258	8.89%	
		ADC	Nonbarcoded	Nonmachinable	0	54,505,387	54,505,387	0	3,231,109	3,231,109	0	0.00%	57,736,496	5.10%	57,736,496	5.10%	
		ADC	Nonbarcoded	Machinable	0	35,488,474	35,488,474	0	49,191,138	49,191,138	0	0.00%	84,679,612	7.48%	84,679,612	7.48%	
		3-Digit	Nonbarcoded	Nonmachinable	0	70,875,994	70,875,994	0	2,350,038	2,350,038	0	0.00%	73,226,032	6.47%	73,226,032	6.47%	
		3-Digit	Nonbarcoded	Machinable	0	41,205,241	41,205,241	0	29,808,089	29,808,089	0	0.00%	71,013,330	6.28%	71,013,330	6.28%	
		5-Digit	Nonbarcoded	Nonmachinable	0	17,682,469	17,682,469	0	511,289	511,289	0	0.00%	18,193,758	1.61%	18,193,758	1.61%	
		5-Digit	Nonbarcoded	Machinable	0	3,343,566	3,343,566	0	11,108,436	11,108,436	0	0.00%	14,452,002	1.28%	14,452,002	1.28%	
		BMC/ADC	ADC	Nonbarcoded	Nonmachinable	5,521,616	103,789,628	109,311,244	0	738,699	738,699	5,521,616	0.49%	104,526,327	9.24%	110,047,943	9.72%
		BMC/ADC	ADC	Nonbarcoded	Machinable	11,940,485	41,158,381	53,098,866	78,655	13,290,448	13,369,103	12,019,140	1.06%	54,448,829	4.81%	66,467,969	5.87%
	BMC/ADC	3-Digit	Nonbarcoded	Nonmachinable	0	210,799,576	210,799,576	0	346,542	346,542	0	0.00%	211,146,118	18.66%	211,146,118	18.66%	
		3-Digit	Nonbarcoded	Machinable	0	106,103,545	106,103,545	0	45,143,880	45,143,880	0	0.00%	151,247,425	13.37%	151,247,425	13.37%	
		5-Digit	Nonbarcoded	Nonmachinable	0	40,506,653	40,506,653	0	167,149	167,149	0	0.00%	40,673,802	3.59%	40,673,802	3.59%	
		5-Digit	Nonbarcoded	Machinable	0	24,949,590	24,949,590	0	27,130,474	27,130,474	0	0.00%	52,080,064	4.60%	52,080,064	4.60%	
					17,462,101	844,769,609	862,231,710	78,655	269,296,468	269,375,121	17,540,766	1.55%	1,114,066,076	98.45%	1,131,806,831	100.00%	
Nonauto 3/5-D	BMC/ADC	3-Digit	Nonbarcoded	Nonmachinable	60,609,469	0	60,609,469	0	0	0	60,609,469	2.95%	0	0.00%	60,609,469	2.95%	
		3-Digit	Nonbarcoded	Machinable	71,997,219	0	71,997,219	4,992,712	0	4,992,712	76,989,931	3.74%	0	0.00%	76,989,931	3.74%	
		5-Digit	Nonbarcoded	Nonmachinable	135,690,969	0	135,690,969	0	0	0	135,690,969	6.59%	0	0.00%	135,690,969	6.59%	
		5-Digit	Nonbarcoded	Machinable	97,410,642	0	97,410,642	24,221,807	0	24,221,807	121,632,449	5.91%	0	0.00%	121,632,449	5.91%	
	3-Digit	3-Digit	Nonbarcoded	Nonmachinable	24,161,771	175,007,024	199,168,795	0	11,720,264	11,720,264	24,161,771	1.17%	186,727,288	9.07%	210,889,059	10.25%	
		3-Digit	Nonbarcoded	Machinable	52,513,584	139,251,545	191,765,129	2,035,013	27,350,477	29,385,490	54,548,597	2.65%	166,602,022	8.10%	221,150,619	10.75%	
		5-Digit	Nonbarcoded	Nonmachinable	170,149,548	102,735,710	272,885,258	0	18,601,453	18,601,453	170,149,548	8.27%	121,337,163	5.90%	291,486,711	14.16%	
		5-Digit	Nonbarcoded	Machinable	175,787,287	152,680,118	328,467,385	16,820,248	91,951,321	108,771,569	192,607,515	9.36%	244,631,439	11.89%	437,238,954	21.25%	
	5-Digit	5-Digit	Nonbarcoded	Nonmachinable	8,475,153	63,303,765	71,778,918	0	9,717,735	9,717,735	8,475,153	0.41%	73,021,500	3.55%	81,496,653	3.96%	
		5-Digit	Nonbarcoded	Machinable	9,492,346	215,256,087	224,748,433	0	196,111,730	196,111,730	9,492,346	0.46%	411,367,817	19.99%	420,860,163	20.45%	
					806,287,968	848,234,249	1,654,522,217	48,069,780	355,452,980	403,522,760	854,357,748	41.51%	1,203,687,229	58.49%	2,058,044,977	100.00%	
Auto Basic	MADC	MADC	Barcoded	Nonmachinable	0	36,136,263	36,136,263	0	4,589,630	4,589,630	0	0.00%	40,725,893	11.80%	40,725,893	11.80%	
		MADC	Barcoded	Machinable	0	77,428,522	77,428,522	0	9,834,117	9,834,117	0	0.00%	87,262,639	25.29%	87,262,639	25.29%	
		ADC	Barcoded	Nonmachinable	0	22,662,740	22,662,740	0	7,748,794	7,748,794	0	0.00%	30,411,534	8.81%	30,411,534	8.81%	
		ADC	Barcoded	Machinable	0	48,559,045	48,559,045	0	16,603,202	16,603,202	0	0.00%	65,162,247	18.89%	65,162,247	18.89%	
	BMC/ADC	ADC	Barcoded	Nonmachinable	3,063,629	30,297,027	33,360,656	53,910	5,241,029	5,294,939	3,117,539	0.90%	35,538,056	10.30%	38,655,595	11.20%	
		ADC	Barcoded	Machinable	6,564,383	64,916,894	71,481,277	115,511	11,229,859	11,345,370	6,679,894	1.94%	76,146,753	22.07%	82,826,647	24.00%	
					9,628,012	280,000,481	289,628,503	169,421	55,246,631	55,416,052	9,797,433	2.84%	335,247,122	97.16%	345,044,555	100.00%	
Auto 3/5-D	MADC	3-Digit	Barcoded	Nonmachinable	0	29,378,419	29,378,419	0	19,827,691	19,827,691	0	0.00%	49,206,110	0.44%	49,206,110	0.44%	
		3-Digit	Barcoded	Machinable	0	62,948,609	62,948,609	0	42,484,438	42,484,438	0	0.00%	105,433,047	0.94%	105,433,047	0.94%	
		5-Digit	Barcoded	Nonmachinable	0	5,763,454	5,763,454	0	7,713,222	7,713,222	0	0.00%	13,476,676	0.12%	13,476,676	0.12%	
		5-Digit	Barcoded	Machinable	0	12,349,250	12,349,250	0	16,526,982	16,526,982	0	0.00%	28,876,232	0.26%	28,876,232	0.26%	
	BMC/ADC	3-Digit	Barcoded	Nonmachinable	362,950,225	200,755,847	563,706,072	7,691,001	41,076,033	48,767,034	370,641,226	3.32%	241,831,880	2.16%	612,473,106	5.48%	
		3-Digit	Barcoded	Machinable	777,686,922	430,155,945	1,207,842,867	16,479,369	88,012,877	104,492,247	794,166,291	7.10%	518,168,823	4.63%	1,312,335,114	11.74%	
		5-Digit	Barcoded	Nonmachinable	935,794,986	41,483,370	977,278,356	16,188,965	11,898,738	28,087,703	951,983,951	8.51%	53,382,108	0.48%	1,005,366,059	8.99%	
		5-Digit	Barcoded	Machinable	2,005,111,095	88,885,670	2,093,996,765	34,687,804	25,495,213	60,183,017	2,039,798,899	18.24%	114,380,883	1.02%	2,154,179,782	19.27%	
	3-Digit	3-Digit	Barcoded	Nonmachinable	93,264,407	305,824,516	399,088,923	2,018,363	48,812,839	50,831,202	95,282,770	0.85%	354,637,355	3.17%	449,920,125	4.02%	
		3-Digit	Barcoded	Machinable	199,835,969	655,284,694	855,120,663	4,324,711	104,590,392	108,915,103	204,160,680	1.83%	759,875,086	6.80%	964,035,766	8.62%	
		5-Digit	Barcoded	Nonmachinable	758,510,216	295,723,762	1,054,233,978	25,414,321	78,551,739	103,966,060	783,924,537	7.01%	374,275,501	3.35%	1,158,200,038	10.36%	
		5-Digit	Barcoded	Machinable	1,625,246,204	633,641,989	2,258,888,193	54,454,809	168,311,398	222,766,207	1,679,701,013	15.02%	801,953,387	7.17%	2,481,654,400	22.20%	
	5-Digit	5-Digit	Barcoded	Nonmachinable	13,410,157	217,126,004	230,536,161	0	38,379,558	38,379,558	13,410,157	0.12%	255,507,562	2.29%	268,917,719	2.41%	
		5-Digit	Barcoded	Machinable	28,733,703	465,236,272	493,969,975	0	82,235,188	82,235,188	28,733,703	0.26%	547,471,460	4.90%	576,205,163	5.15%	
					6,800,643,884	3,444,669,801	10,245,103,685	161,269,343	773,916,309	935,175,652	6,961,803,227	62.27%	4,218,476,110	37.73%	11,180,279,337	100.00%	
	Grand Total					7,633,921,965	5,417,564,150	13,051,486,115	209,577,199	1,453,912,386	1,663,489,585	7,843,489,164		6,671,476,536		14,714,975,700	

PACKAGE DATA

Source: Docket No. R2000-1, USPS LR-I-88

Description	Pieces/ Package	Initial Breakage Factor	Subsequent Breakage Factor
Machinable Flats - Pallets	25.33	1.10%	10.00%
Nonmachinable Flats - Pallets	35.40	1.10%	10.00%
Machinable Flats - Sacks	21.33	17.50%	10.00%
Nonmachinable Flats - Sacks	16.29	17.50%	10.00%
Container / Package	Handlings	%Mech	
MADC / MADC	1.25	64.00%	
MADC / ADC	1.06	74.00%	
MADC / 3D	1.06	74.00%	
MADC / 5D	1.06	74.00%	
MADC / CR	1.06	74.00%	
ADC / ADC	1.09	78.00%	
ADC / 3D	1.06	80.00%	
ADC / 5D	1.06	80.00%	
ADC / CR	1.06	80.00%	
3D / 3D	1.11	71.00%	
3D / 5D	1.15	69.00%	
3D / CR	1.11	72.00%	
5D / 5D	1.04	5.00%	
5D / CR	1.01	6.00%	

PACKAGE DISTRIBUTION MAIL FLOW DENSITY TABLES SUMMARY

Source: Docket No. R2000-1, USPS LR-I-88

	MADC Package MADC	ADC Package ADC	3D Package 3D	5D Package 5D	CR Package CR
MADC Container to:					
Piece	100.00%	0.00%	6.18%	0.75%	0.00%
ADC		100.00%	74.45%	71.56%	71.71%
3D			19.38%	14.63%	14.93%
5D				13.07%	13.36%
CR					0.00%
	100.00%	100.00%	100.00%	100.00%	100.00%
ADC Container to:					
Piece		100.00%	32.60%	9.41%	0.00%
3D			67.40%	25.54%	23.29%
5D				65.05%	76.71%
CR					0.00%
		100.00%	100.00%	100.00%	100.00%
3D Container to:					
Piece			100.00%	21.69%	0.00%
5D				78.31%	100.00%
CR					0.00%
			100.00%	100.00%	100.00%
5D Container to:					
Piece				100.00%	0.00%
CR					100.00%
				100.00%	100.00%
CR Container to:					
Piece					100.00%
					100.00%

NOTES

Source: USPS-LR-I-88 Flats Bundle Study, 'FINAL_DENSITY.XLS.'