#### MAINTENANCE TECHNICAL SUPPORT CENTER HEADQUARTERS MAINTENANCE OPERATIONS UNITED STATES POSTAL SERVICE

# Maintenance Management Order UNITED STAL SERVICE

**SUBJECT:** Small Parcel Sortation System (SPSS) Operational and Preventive Maintenance

TO: All SPSS Sites

**DATE:** August 2, 2017

NO: MMO-115-17

FILE CODE: R1A, R1B

rfer:mm15120ax

Online Change Record											
Change #	Change # Date Description of Change										
1	11/27/18	* the tasks marked with an asterisk are per unit tasks.									
		** the tasks marked with two asterisks are critical tasks.									

This Maintenance Management Order (MMO) provides Operational and Preventive Maintenance Guidelines for the Small Parcel Sorting System (SPSS). This bulletin applies to Acronym SPSS, Class Codes AA and BA.

The workhours represented in this MMO reflect the maximum workhours required to maintain the equipment. Given local conditions, management may modify task frequencies.

The minimum maintenance skill level required to perform each task is included in the Minimum Skill Level column of each checklist. This does not preclude higher level employees from performing any of this work.

Maintenance Managers are to use these preventive maintenance guidelines when preparing the route sheets for local maintenance personnel. It is the responsibility of each Maintenance Manager to ensure all WARNINGS, CAUTIONS, and NOTES are included with each applicable task as part of the preparation of any local route sheets.

#### WARNING

Various products requiring Safety Data Sheets (SDS) may be utilized during the performance of the procedures in this bulletin. Ensure the current SDS for each product used is on file and available to all employees. When reordering such a product, it is suggested that current SDS be requested. Refer to SDS for appropriate personal protective equipment.

#### WARNING

The use of compressed or blown air is prohibited. An alternative cleaning method such as a HEPA filtered vacuum cleaner, a damp rag, lint-free cloth, or brush must be used in place of compressed or blown air.

#### WARNING

Steps contained in this bulletin may require the use of Electrical Work Plan (EWP) Personal Protective Equipment (PPE). Refer to the current EWP MMO for appropriate EWP PPE and barricade requirements.

For guestions or comments concerning this bulletin contact the MTSC HelpDesk, either online at MTSC>HELPDESK>Create/Update Tickets or call (800) 366-4123.

M

Kevin Couch Manager Maintenance Technical Support Center **HQ** Maintenance Operations

- Attachments 1. Summary of Workload Estimate
  - 2. Master Checklist 03-SPSS-AA-001-M Pilot PM
  - 3. Master Checklist 09-SPSS-AA-002-M Pilot Operational Maintenance
  - 4. Master Checklist 03-SPSS-BA-003-M PM
  - 5. Master Checklist 09-SPSS-BA-004-M Operational Maintenance

#### ATTACHMENT 1

#### SUMMARY

#### WORKLOAD ESTIMATE

#### FOR

#### **SPSS SYSTEM**

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#### SUMMARY WORKLOAD ESTIMATE FOR SPSS CLASS CODES AA AND BA

#### SPSS\_AA

SPSS_AA											
Operation	Routine Servicing	Repair* (Hrs/Yr)	Routine Servicing + Repair	Non- productive Time**	Total Servicing Per Machine	Operational Maintenance + To Servicing					
	(1115/11)		(Hrs/Yr)	(Hrs/Yr)	(Hrs/Yr)	1 Tour (Hrs/Yr)	2 Tours (Hrs/Yr)	3 Tours (Hrs/Yr)			
5	859.28	257.78	1,117.06	111.71	1,228.77	1,384.77	1,540.77	1,696.77			
6	955.48	286.64	1,242.12	124.21	1,366.33	1,553.53	1,740.73	1,927.93			
7	1,051.68	315.5	1,367.18	136.72	1,503.90	1,722.30	1,940.70	2,159.10			

#### SPSS\_BA

SPSS BA	١

Operation	Routine Servicing	Repair* (Hrs/Yr)	Routine Servicing + Repair	Non- productive Time**	Total Servicing Per Mashina	Operational Maintenance + Total Servicing						
	(115/11)		(Hrs/Yr)	(Hrs/Yr)	(Hrs/Yr)	1 Tour (Hrs/Yr)	2 Tours (Hrs/Yr)	3 Tours (Hrs/Yr)				
5	851.86	255.56	1,107.42	110.74	1,218.16	1,374.16	1,530.16	1,686.16				
6	948.06	284.42	1,232.48	123.25	1,355.73	1,542.93	1,730.13	1,917.33				
7	1,044.26	313.28	1,357.54	135.75	1,493.29	1,711.69	1,930.09	2,148.49				

#### NOTES:

\*Repair estimates based on 30% of servicing.

\*\*Based on 10% of total servicing and repair.

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#### ATTACHMENT 2

#### SPSS MASTER CHECKLIST

03-SPSS-AA-001-M

PILOT SYSTEM

CLASS CODE = AA

MMO-115-17

### Maintenance Technical Support Center

U.S. Postal Service	IDENTIFICATION																
Maintenance Checklist	WORK EQUIPMENT CODE ACRONYM					Г	CLASS CODE			ASS DE	NUMBER			TYPE			
	0	3	S	Ρ	S	S					Α	Α		0	0	1	М
Equipment Nomenclature	Equi	ipmer	nt Mo	del				В	ulletin	n Filer	name		Осо	curr	ence		
Small Parcel Sortation System		Pilot System					n	nm1	5120								

Part or	Item	Task Statement and Instruction	Est.	Min.		Threshold	s
Component	No	(Comply with all current safety precautions)	Time	Skill	Run	Pieces	Freq.
			Req	Lev	Hours	Fed	
			(min)			(000)	

SAFETY STATEMENT	1.	WARNING: COMPLY WITH ALL SAFETY PRECAUTIONS. Disconnect power and apply lockouts when required by this instruction. Refer to current local lockout procedures to properly shut down and lock out this machine. Check for suspicious dust or unusual debris. If any	1	ALL		D
		prior to proceeding with any further action on the equipment.				
		WARNING: THE USE OF COMPRESSED OR BLOWN AIR IS PROHIBITED. When cleaning is required, an alternative cleaning method such as a HEPA filtered vacuum cleaner or a damp rag must be used in place of compressed or blown air. A lint- free cloth or brush may be used on optical equipment only when other cleaning methods cannot be used. Report safety deficiencies to your supervisor immediately upon detection.				
		WARNING FOR EWP/PPE: Steps contained in this bulletin may require the use of Electrical Work Plan (EWP) Personal Protective Equipment (PPE). Refer to the current EWP MMO for appropriate EWP PPE and barricade requirements.				
		WARNING: Various products requiring Safety Data Sheets (SDS) may be utilized during the performance of the procedures in this bulletin. Ensure the current SDS for each product used is on file and available to all employees. When reordering such a product, it is suggested that current SDS be requested. Refer to SDS for appropriate personal protective equipment.				
SPSS	2.**	Power Down And Lock Out Power.	5	ALL		D
		<b>NOTE:</b> Soft-reboot of the computers in the OVIS RACK is not needed when complying with the current Maintenance Management Order (MMO) providing lockout/restore procedures.				
		Power down the machine and lock out its power as prescribed by the current local lockout instructions providing lockout/restore procedures.				

#### Maint ahnia + 0 nt

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Maintenance Tee	cnnica	i Suppo		er.						IV		5-17
U.S. Postal	Service											-
Maintenance	Check	list			EQUIF ACRO				LASS ODF	NU	MRFK	TYPE
			0 3	SP	S S			A		0	0 1	М
Equipment Nomenclature	е		Equipmen	t Model			Bulletin File	ename		Occurre	nce	
Small Parcel Sort	tation S	ystem		Pilot Sy	ystem		mm	15120				
	_							-				
Part or	Item		Task S	Statement	and Instru	20)	Est.	Min.	Dur	Threshold	S	
Component	NO	(			ni salety pi	ecautio	15)	Req	Lev	Hours	Fed	Freq.
								(min)			(000)	
		Reference		C SPS	S nade	PM	Source					
		Docume	ntation.	SPSS	Start l	Jp/Shi	ut Down					
		Folder, N	laintenar	nce Trair	ning Less	son 5.						
FMPCS	3.**	Shut Do	wn and F	Restart	FMPCS	Progra	am	10	10			D
		1. On	the FMP	CS Site	Utilities	Screer	n 101 Main					
		Mer	nu, press	S to a	shut dov	vn the	FMPCS					
		Pro	gram.									
		2. Whe	en the "	FMPCS	is dow	n" me	essage is					
		disp	layed pre	ess Ente	er to cont	inue.	5					
		3 On	the FMP(	CS Site	l Itilities :	Screer	n [0] Main					
		Mer	nu. pres	s R to	o restar	t the	FMPCS					
		prog	gram.									
	1 **	Dorform	Mail Soc	rch				15	07			
CONTAINER	4.	Fenom	Wall Sea					10	07			D
		1. Che incli	ck the ar ne conve	ea betw yor for r	een the <i>i</i> nail.	APCU	and the					
(AFCO)		2. Che	ck all gua	ards are	in place							
		3. Ret the	urn all ma proper m	ail found ail path.	during n	nail se	arch to					
	5	Entry Ph	noto Eve	s				10	07			W
CONTAINER	0.					£1 4		10	0,			
UNLOADER (APCU)		APC	an entry p CU.	notoeye	es and re	enector	's on the					
(/ 00)		2. Ger	ierate a v	vork ord	er to add	ress a	iny					
		uell	ciencies.									
ALL PURPOSE	6.	Check H	ydraulic	Lines.				25	09			W
UNLOADER		1. Che hos	ck the co es and fit	ndition tings for	of all hyd <sup>-</sup> leaks.	raulic	cylinder					
(APCU)		2 Che	eck condit	ion of th	ne hvdrai	ilic res	ervoir					
		unit	hoses ar	nd fitting	s. Chec	k for le	aks.					
		Loo	k for dam	lage cal	used by f	oot tra	ffic,					
		fallii	ng parcel	s, or abr	rasion by	movir	ng parts					
		WIII		Jause a	iuluie le	ar 10 C	Jocul.					
		3. Ger defi	ierate a v ciencies.	vork ord	er to add	ress a	iny					
ALL PURPOSE	7.**	Check F	or Signs	Of Wea	ar.			25	09			М
CONTAINER UNLOADER		1. Che	ck the ma	ain pivo	t pins an	d bush	ings for					
(APCU)		sigr										
		2. Che sigr	. Check cylinder clevis pins and bushings for signs of wear.									

MMO-115-17			Maintenance Technical Support Center									
U.S. Postal	Service		MORK			DENTIFICA	TION	466	NUL		TYPE	
Maintenance	Check	list	CODE				C	DDE	NU		ITFE	
E avrigan e at Newsen eletror			0 3	S P S	S	Dullatin File	A	A	0	0 1	М	
Small Parcel Sort	e tation S	System	Equipmen	Pilot Syster	m	mm <sup>-</sup>	15120		Occurre	nce		
		•				•						
Part or	Item		Task :	Statement and	Instruction	20)	Est.	Min.	Dum	Threshold	ls	
Component	NU			in all current sa	lety precaution	15)	Req	Lev	Hours	Fed	Fieq.	
							(min)			(000)		
		<ol> <li>Che floc fatie clev sec</li> <li>Che stop</li> <li>Gen defin</li> </ol>	eck Unloa or anchors gue at piv vis pin ret cure. eck for da ps. nerate a v iciencies.	ader frame fo s. Check for vot points an caining hardv amaged or m work order to	or damage of cracks and d near weld vare is in pl nissing cont o address a	or loose d metal ds. Verify ace and ainer ny						
		Referen Docume Operatir	ce MTSC intation, S ig and Ma	SPSS page Southworth A aintenance N	e, PM Sourc APCU Folde ⁄Ianual.	ce er, APCU						
ALL PURPOSE	8.**	Check H	lydraulio	: Fluid.			15	09			М	
UNLOADER (APCU)		WARNII soaked accorda	NG: Disc materials ince with	ard or dispo s according i local proce	ose of che I to SDS ar edures.	mical nd in						
		1. Che glas pos	eck the hy ss while t sition.	ydraulic fluid he unloader	level using is in the lov	ı sight wered						
		2. Che con ove par	eck fluid f Itaminatic erheating, ticulates	or evidence on (cloudy), o unusual odo (examine sa	of water discoloratio or, and/or e mple on blo	n from excessive otter).						
		3. Che Cle	eck reser an or rep	voir for clogo lace as nece	ged breathe essary.	er/fill cap.						
		4. Ado Hyo	d fluid as draulic Oi	necessary. I.	Use CITG(	D AW 32						
		Referen Docume Operatir	ce MTSC intation, S ig and Ma	SPSS page Southworth A aintenance N	e, PM Sourc APCU Folde Manual.	ce er, APCU						
ALL PURPOSE	9.	Change	Hydraul	ic Fluid.			300	07			S	
UNLOADER (APCU)		WARNII soaked accorda	NG: Disc material ance with	ard or dispo s according i local proce	ose of cher I to SDS ar edures.	mical nd in						
		1. Cha	ange hydi	raulic fluid a	nd filter.							
		2. Rer 15 g	move old gallons of	hydraulic flu f CITGO AW	id and repl / 32 Hydrau	ace using ılic Oil.						
		3. Rep 000	olace oil f )-1090.	ilter element	t, PSN: 392	0-10-						

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Maintenance	Check	list	WORK CODE		E		MENT			CL CC	ASS ODE	NU	MBER	TYPE
			0 3	S P	S	S				Α	Α	0	0 1	М
Equipment Nomenclature	e tation S	vstem	Equipm	Equipment Model Bulletin Fi						name		Occurre	nce	
		ystem		1 1101 C	ysic					10120				
Part or	Item		Tas	k Statemen	t and	Instru	tion			Est.	Min.		Threshold	ls
Component	No		(Comply w	vith all curre	ent sat	fety pr	ecautio	ons)		Time	Skill	Run	Pieces	Freq.
										(min)	Lev	Hours	(000)	
													1	
		Refere	nce MTS	C SPSS	page	e, PM	Sour	ce						
		Docum	entation,	Southwo	orth A	APCL	PCU							
		Operat	ing and N	laintenai	nce IV	/ianu	al.							
	10. **	Perfor	m Mail S	earch.						10	07			D
CONVEYOR		1. Cl th	heck for r e bottom	eck for mailpieces at the top and around bottom of the conveyor.										
		2. Ro th	eturn all r e proper	nail foun mail path	d dur ı.	ing n	ail se	earch	to					
INCLINE	11. **	Belts,	Sprocket	ts, Wear	Strip	os, a	nd Ro	ollers.		300	09			Q
CONVEYOR			• Perform	the follow	wina	taeka	oftor	remo	wina					
		the hir	nae rods	and ope	enino	the	Bulk	Han	dlina					
		convey	or belts.	•	Ū	•			Ű					
		1. Va	acuum a	nd clean	driv	/e sr	rocke	ets at	the					
		he	ead end and of conv	and the i	dler	whee	ls on	the lo	ower					
		2. Cl we	heck driv ear.	e sprock	ets a	and i	dler v	wheels	s for					
		a.	Sprocl shaft v	kets shou where tee	uld b eth er	e in o ngago	onta the	ct with belt.	n the					
		b.	Repla	ce sproc	kets	or v	/heel	s whe	en a					
			gap o	of more	tha	n 2	mm	deve	elops					
			betwe related	en any s d shaft.	procł	ket ar	id wh	eel or	n the					
		3. Cl ar	heck that e engagii	the Bulk ng with th	Han he be	dling	conv tions	eyor (	cogs					
		4. Cl de	heck wea eterioratin	ar strips Ig conditi	for sons.	signs	of c	racks	and					
		5. Cl da	heck und amage.	der side	of	belts	for	sign	s of					
		6. Cl	<ul> <li>Check that all Bulk Handling line rollers are clean and spinning freely.</li> </ul>											
		Refere	Reference MTSC SPSS page. PM Sourc											
		Docum	entation,	Incline	Coi	nvey	or Fo	older,	SH					
		Mainte Conve	viaintenance Training Lesson 8A, Bulk Handl Conveyor.											
INCLINE	12.	Bulk H	landling	Conveyo	or.					25	09	1		S
CONVEYOR		1. M be	easure th elt section	e Bulk H to sectio	andli on foi	ng Li r pitcl	ne co n elor	nveyo ngatio	or n.					

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			WORK		EQUIF	I MENT		ASS	NU	MBER	TYPE	
Maintenance	e Check	list	CODE		ACRO	NYM		C	DDE _			
Equipment Nomenclatur	re			SP nt Model	SS		Bulletin File	A ename	A	Occurre	U 1 nce	М
Small Parcel So	rtation S	ystem		Pilot Sy	stem		mm	15120		2 Sourio		
Part or Component	Item No	()	Task Statement and Instruction						Min. Skill	Run	Threshold Pieces	s Frea
Component			oonpij					Req	Lev	Hours	Fed	1109.
								(min)			(000)	
		2. Gen defi	erate a v ciencies.	work orde	er to add	ress a	iny					
		Reference	e MTSC	SPSS pa	age, PM	ce						
		Documer	ntation, I In Handh	ntralox Co	onveyor ular Pla	s Fold stic Be	er, It					
		Equipme	nt Handl	book v1.0	), Sectio	n 5.2.′	1.1 for					
		instructio	ons.									
	13.	Control	Photoey	ves.				25	07			W
CONVEYOR		Clean the	e three (	3) (Head	End, Ca	ll, and	Full)					
		control p Bulk Har	hotoeyes Idlina line	s and refle e convevo	ectors co or with li	ontrolli nt free	ing the cloth.					
		Referenc	e MTS	C SPSS	S page	, PM	Source					
		Documer	ntation,	Incline		or Fo	lder, SH					
		Conveyo	ince fra r.	ining Les	son 8A	Bulk	Handling					
INCLINE	14.	Static Re	oller Co	nveyor.				25	07			М
CONVEYOR		1. Vac	uum the	Static Ro	oller Con	vevor	using a					
		soft	brush at	tachment	t.	, . <b>,</b>	g					
		2. Che	ck the co	onveyor fo	or dama	ge or	missing					
	15 **	Perform	Mail So	arch				10	07			
PLATFORM	10.	1 Che	ock for m	ailniacae	around	the inc	luction	10	01			
		line	conveyo	ors and pla	atform.							
		2. Retu	urn all m	ail found	during n	nail se	arch to					
		ule	proper n									
	16. **	Kore Se	nsors ar	nd Dimen	nsioner.			10	07			D
OONVETOR		1. Clea	an Kore S	Sensors v	with lint f	ree clo	oth.					
		2. Clea strip glov	an Dimer LEDs u e.	nsioner lig sing a lint	ght curta t free clo	ins an th or r	id Kore nicrofiber					
		Referen	ce MTS(	C SPSS p	age, PN	1 Sour	се					
		Docume Mainten	entation, ance Tra	Interoll Co aining Les	onveyor son 8B.	s Fold	er, SH					
INDUCTION	17.	Transitio	on Plate	S.				15	07			W
		1. Clea plat clot	an the In tes with a th.	duction Li a general	ine to So purpose	orter tr e clear	ransition ner and					
		2. Che	ck the tr	ansition p	lates for	dama	age.					

U.S. Postal	Service					1[	DENTIFICA	TION				
Maintenance	Check	list	WORK			ENT IYM		CL		NU	MBER	TYPE
			0 3	SP	SS			A	A	0	0 1	М
Equipment Nomenclature	e Li no		Equipmer	nt Model			Bulletin File	ename		Occurre	ence	
Small Parcel Sort	ation S	system		Pliot Sy	/stem		mm	15120				
Part or	ltem		Task	Statement	and Instruction	on		Est	Min		Threshold	s
Component	No	(	Comply wit	th all currer	nt safety prec	aution	is)	Time	Skill	Run	Pieces	Freq.
								(min)	Lev	Hours	Fed (000)	
		3 Clar	an the In	duction 7	Zone lam 9	Sone	or		1			
		em	itter and	receiver	(located o	n Ind	luction					
		line	e 1 and Ir	nduction	line 4 or 5)	) with	a lint					
		free	e cloth or	r microfib	er glove.							
		4. Ger	nerate a v	work orde	er to addre	ess ai	ny					
		def	iciencies	i.								
SORTER	18. **	Perform	Mail Se	arch.				20	07			D
		1. Che aro	eck the ai ound all d	i, and								
		2. Che sor	eck for mater.	ail in the	maintenar	nce a	lley of					
		3. Che	eck the a	reas arou	und Turns	1 & 2	2.					
		4. Che	eck the a	rea near /ice	and aroun	d the	e Tray					
		5. Retu	urn all m	ail found	during ma	il sea	arch to					
SORTER	10 **	Article E	Propert			-	Stuck in	15	07			\\/
SURIER	19	Tray (PS	Setween ST) Array	/S.	ADT), Proc	JUCI	Sluck In	15	07			VV
		Clean the Stuck in	e Article Tray pho	Between toeye en	Tray and nitters and	Prod rece	uct eivers for					
		each of t free cloth	he ABT/I n or micro	PST arra ofiber glo	ys, (3 total ve.	ls) wi	th a lint					
SORTER	20. **	Hanging	J Produc	t Photoe	eyes and F	Refle	ctors.	4	07			W
		Clean bo Reflecto lint free o	oth Hang rs, locate cloth or r	ing Prod ed near T nicrofiber	uct Photoe urn 1 and r glove.	eyes a Turn	and 2 with a					
SORTER	21.	Chute Ja	am Sens	ors.				10	07			W
		Clean the Chute Ja sides of t microfibe	e 2 Chute am Photo the sorte er glove.	e Jam Ph beye rece r, with a	notoeye en vivers locat lint free clo	nitter ted o oth or	s and 2 n both					
SORTER	22. **	Split Tra	iys.					60	09			М
		1. Che prop	eck the trace	ay bump ited.	ers are pre	esent	and					
		2. Che mou stra	eck the tra unted and ight and	ay shock d the sho is not lea	absorber ock absorb aking oil.	is se er sh	curely aft is					
		3 Che	eck the st	hock abs	orber impa	act bl	ock is					

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U.S. Postal Service								IDE	NTIF	ICAT	ION						
Maintenan as Obselution	WC	ORK			E	QUIF	PMEN	Т			CLA	ASS		ΝU	IMBE	R	TYPE
Maintenance Checklist	CC	DE		ACRONYM CODE													
	0	3	S	Ρ	S	S					Α	Α	0		0	1	Μ
Equipment Nomenclature	Equ	ipmer	nt Mo	del				В	ulletir	n Filer	name		Occu	rre	ence		
Small Parcel Sortation System			Pile	ot Sy	/ster	n			r	nm1	5120						

Part or	Item	Task Statement and Instruction	Est.	Min.		Threshold	s
Component	No	(Comply with all current safety precautions)	Time	Skill	Run	Pieces	Freq.
			(min)	Lev	Hours	rea (000)	
	1	1	. /			()	
		securely mounted.					
		<ol> <li>Check the tray spring support rod is securely mounted, and the tray spring is present.</li> </ol>					
		<ol> <li>Generate a work order to address any deficiencies.</li> </ol>					
SORTER	23.	Anti-Static Brushes.	1	09			W
		1. Check the anti-static brushes for damage.					
		<ol> <li>The brushes should be intact and remain in contact with the side of the split tray carrier.</li> </ol>					
		<ol> <li>Generate a work order to address any deficiencies.</li> </ol>					
		Reference the MTSC SPSS page, PM Source Documentation, SPSS Sorter Folder, SH Maintenance Training Lesson 8D.					
SORTER	24. **	Tray Closing Device.	5	09			W
		1. Check Tray Closing Brushes for damage.					
		<ol> <li>Measure brush length; minimum brush length is 15 mm. Replace brush as needed.</li> </ol>					
		<ol> <li>Actuate both closing brushes to check for proper operation.</li> </ol>					
		<ol> <li>Check both gas spring mounting blocks are secured to the retractable arms.</li> </ol>					
		<ol> <li>Check both closing device hinges for signs of wear. Check that hinges are properly secured to the retractable arms.</li> </ol>					
		<ol><li>Generate a work order to address any deficiencies.</li></ol>					
		Reference the MTSC SPSS page, PM Source Documentation, SPSS Sorter Folder, SH Maintenance Training Lesson 8D.					
SORTER	25. **	Tray Support Belts.	10	09			М
		<ol> <li>Check induction support belts for fraying and signs of damage.</li> </ol>					
		<ol> <li>Check the belt guides for signs of damage. Remove any built up debris from belt guides.</li> </ol>					
		3. Check the induction support drive motor and					

U.S. Postal	Service					1[	DENTIFICA	TION				
Maintenance	Check	list	t WORK EQUIPMENT CODE ACRONYM 0 3 S P S S							NU	MBER	TYPE
			0 3	SP	S S			A	A	0	0 1	М
Equipment Nomenclature	e tation S	wetom	Equipme	nt Model	etem		Bulletin File	ename		Occurre	nce	
		ystern		Filot Sy	315111		111111	10120				
Part or	Item		Task	Statement	and Instructio	n		Est.	Min.		Threshold	S
Component	No	(	Comply wit	th all curren	it safety preca	aution	s)	Time Reg	Skill Lev	Run Hours	Pieces	Freq.
								(min)	201	Tiours	(000)	
		dea	rbox for s	sians of l	eaks.							
		4 Ens	ure the c	Jrive and	idler pullev	is ar	P					
		sec	ure.			Ju	0					
		5. Che	eck belt id	dle rollers	s are secur	e, fre	ee of					
		deb on v	ris, and s vheels.	spin freely	y. Check f	or fla	at spots					
		6. Ger defi	nerate a v	work orde	er to addre	ss ai	ny					
		Referen	ference the MTSC SPSS page, PM Source									
		Docume	ference the MTSC SPSS page, PM Source cumentation, SPSS Sorter Folder, SH									
		Mainten	ance Tra	ining Les	sson 8D.							
SORTER	26. **	Sorter D	rive Mot	tor(s) Ha	rdware.			20	09			М
		1. Che loos	eck overa se or mis	all drive m sing hard	notor asser Iware.	nbly	for					
		2. Che dan is se	eck powe nage and ecured a	r cable co l cracks, a nd tight.	onduit for s and condui	igns t coi	of nnection					
		3. Ger defi	nerate a v ciencies.	work orde	er to addres	ss ai	ny					
SORTER	27.	Destinat	tion Chu	te Full S	ensor.			1**	09			М
		1. Che sec	eck destir curely mo	nation chi ounted to	ute full sen the mounti	sor i ng p	s olate.					
		2. Che con	eck senso nection i	or cable ( is secure	Quick disco d to sensoi	nne	ct					
		3. Clea clot	an the ch th or mici	ute full s rofiber glo	ensor usiną ove.	g a li	int free					
		4. Ger def	nerate a v iciencies	work orde	er to addre	ss ai	ny					
		* Time p	er group	of 4 dest	ination chu	ite g	roups.					
SORTER	28. **	Main Ele	ectrical C	Cabinet.		_		4	07			Q
		Clean th fan hous	e air filte sings.	rs in the	Main Electi	rical	Panel					
		Replace	ment exh	naust filte	er:							
		PSN: 59	PSN: 5915-17-000-5325.									
		Reference Docume 1493-Fa	ce the M ntation, S n docum	TSC SPS SPSS So entation.	SS page, P orter Folder	M So , SP	ource SS-					

MMO-115-17							Ма	aint	ena	nce	Tech	nica	al Su	рро	rt C	enter
U.S. Postal Service								IDE	NTIF	ICATI	ON					
Maintenance Checklist	WC CC	DRK DDE			E	QUIF	MEN NYM	T			CLA CO	\SS DE	NUMBER			TYPE
	0	3	S	Ρ	S	S					Α	Α	0	0	1	М
Equipment Nomenclature Small Parcel Sortation System	Equ	Equipment Model F Pilot System					В	ulletir r	n Filer nm1	name 5120		Occurr	ence			

Component	No	(Comply with all current safety precautions)	Time	Skill	Run	Pieces	Freq.
			Req (min)	Lev	Hours	Fed (000)	
					T	T	
SORTER	29.	Destination Chutes.	15	09			Q
		<ol> <li>Check the destination chute surfaces for any damage.</li> </ol>					
		<ol> <li>Generate a work order to address any deficiencies.</li> </ol>					
SORTER	30. **	Carrier Tray Track.	30	09			S
		<ol> <li>Check the Sorter curve track sections in turn 1 and turn 2 for indications of carrier tray wheel induced wear.</li> </ol>					
		<ol> <li>Clear the 2 debris slots in each turn 1 and turn 2.</li> </ol>					
		<ol> <li>Generate a work order to address any deficiencies.</li> </ol>					
FMPCS	31.	FMPCS Computer Cabinet.	10	07			М
COMPUTER		<ol> <li>Vacuum the FMPCS computer cabinet including the top of each device.</li> </ol>					
		<ol> <li>Clean the air filter on the FMPCS and Cimplicity computer chassis. Replace filter as necessary.</li> </ol>					
PSOC	32. **	Clean Overhead Camera Clear Cover.	5	07			М
		CAUTION: The glass used in this system is fragile enough to break if pressure is applied.					
		<b>NOTE:</b> Do not spray the equipment. Only a misting of the cloth is required. Optionally, use a streak-free glass cleaner.					
		<ol> <li>Using a lint-free cloth, gently wipe the underside of the clear cover over the camera lens and led array.</li> </ol>					
		<ol> <li>Use a spray bottle containing tap water to moisten cloth for wiping away stubborn smudges.</li> </ol>					
ITEM DETECTION	33. **	Clean Item Detection Cameras.	10	07			Q
CAMERAS		<ol> <li>Clean the Induction Verification Sensor using a lint free cloth.</li> </ol>					
		<ol> <li>Clean the Load Verification Sensor using a lint free cloth.</li> </ol>					
OVIS RACK: RACK	34.	Replace Air Filters.	5	07			Q

U.S. Postal S	Service					IDENTIFICA	TION				
Maintenance	Check	list	WORK CODE		EQUIPMEI ACRONY	NT M	CL C(	ASS DDE	NU	MBER	TYPE
			0 3	SPS	S S		Α	A	0	0 1	Μ
Equipment Nomenclature	e ation S	vstem	Equipme	nt Model Pilot Svet	em	Bulletin Fil	ename		Occurre	nce	
		500011	1	1 not 0y3t		1 11111	10120				
Part or	Item		Task	Statement an	d Instruction		Est.	Min.		Threshold	s
Component	No	(	Comply wi	th all current s	afety precau	utions)	Time	Skill	Run	Pieces	Freq.
							(min)	Lev	Hours	(000)	
		1 Po	nlace tw	o (2) air filt	are (DSN	1130 15		1			
DOORAINTIETER		000	)-7240).	Use 18" x	30" x 1" fi	Iter with					
		ME	RV 8 rat	ting.							
		2. Ch	eck the	12 exhaust	fans on th	ne rear of					
		the	OVIS ca	abinet to er	sure fans	are					
		run	ning.								
OPERATION	35. **	Restore	Equipm	ient To Sei	vice.		5	All			D
GENERAL		WARNIN	NG: Be c	autious w	nen work	ing around					
		or on eq	luipmen	t when pov	ver has b	een					
		applieu.									
		current l	ocal prod	cedures pro	i as preso vidina loc	kout/restore					
		procedu	res.	p							
		Referen	ce MTS	SC SPSS	page, I	PM Source					
		Docume	ntation,	SPSS Sta	rt Up –	Shut Down					
		Folder, 3 Up.	SH Main	tenance ir	aining Le	sson 5 Start					
OPERATIONAL	36. **	(Power o	on)				10	07			W
APCU		Check I	uloador	Fotov Pho	toovos fr	or proper					
		operatio	n.		noeyes n	л ргорег					
		WARNIN	IG: Be c	cautious w	hen work	ing around					
		or on	equipm	ent when	power	has been					
		applied.	Take ⊾tools.a	precautio and test ec	ns to pr winment	from being					
		caught i	n movin	ig parts.	anpinone	nom sonig					
		1. Pla	ce the m	ode selecti	on switch	to <b>Auto</b> .					
		a.	With the	e unloader	in the fully	/ lowered					
			positior for up to	n, push and o 5 second	hold the to beain						
		h	Check	the amber of	stack light	flash and					
		D.	horn pu unloade	llse for up t er moveme	o 5 secon nt.	ds prior to					
		2. Dur	ring move	ement, bloc	k each ur	nloader					
		ent that	ry photoe t the unic	eyes individ bader stops	ually (3),	and check					
		a.	Check f pushbu	that the Gu itton is illum	ard Reset iinated.	amber					
		b.	Press ti clear th	he Guard F ie fault.	leset pusł	nbutton to					
		C.	Press t	he <b>Up</b> push	button to	restart					

MMO-115-17					Mai	ntenance	e Tec	hnic	al Sup	port C	enter
U.S. Postal	Service		WORK EQUIPMENT CODE ACRONYM					466	NILI		TYPE
Maintenance	Check	list	CODE     ACRONYM       0     3     S     P     S     S       Equipment Model     B				CL	ASS ODE	NU	MBER	TYPE
			0 3	S P S	S		Α	A	0	0 1	М
Equipment Nomenclature Small Parcel Sort	e ation S	vstem	Equipmer	nt Model Pilot Syste	m	Bulletin File	ename 15120		Occurre	nce	
		yotom		T not byoto			10120				
Part or	Item		Task	Statement and	Instruction		Est.	Min.		Threshold	S
Component	No	(	Comply wit	h all current sa	fety precaution	ns)	Time	Skill	Run	Pieces	Freq.
							(min)	LCV	TIOUIS	(000)	
			cycie.								
		3. Lov whe	ver unloa en compl	ider to the fu eted.	Illy lowered	position					
		4. Not	e any de	ficiencies ar	nd report the	em to					
		Sup			514.0						
		Referen	ce the M	Southworth	Dage, PM S	ource					
		Operatir	ig and Ma	aintenance l	Manual.	01,74 00					
OPERATIONAL	37. **	(Power	On)				10	09			М
APCU		Unloade	r E-Stop	os.							
		WARNIN	IG: Be c	autious wh	en working	g around					
		or on	equipme	ent when	power h	as been					
		applied.	Some	of the follo	wing tasks	s require					
		precauti	ons to	prevent ha	ir, clothin	g, tools,					
		and tes moving	t equip parts.	ment from	being ca	aught in					
		NOTE: 1	he APCl	U Unloader I	E-Stop is lo	cal to the					
		individua control p	il unloade anel.	er and repor	ts directly to	o the					
		1. Plac	ce the op	erational mo	ode switch i	n <b>Auto</b> .					
		2. Wit	n the unio	bader in the	fully lowere	d					
		pos to 5	ition, pus seconds	h and hold t to begin op	he <b>UP</b> butto eration.	on for up					
		a.	Check t	he amber st	ack light fla	sh and					
			horn pu unloade	lse for up to er movemen	5 seconds t.	prior to					
		3. Dur	ing the u	nloader mov	ement, pus	sh the					
		E-S Par	top push lel and ch	button on th neck that the	e APCU Co e unloader s	ontrol stops.					
		4. Che	eck the E	-Stop Reset	pushbuttor	n lamp					
		ligh	t comes o	on in the Em	ergency St	op switch					
		and off.	the E-St	op reset pus	shbutton lig	ht goes					
		5. Pull	E-Stop s	switch out ar	nd press E-	Stop					
		Res	et pushb	utton. Chec	k the E-Sto	op reset					
		SWI	button l	comes on, a amp comes	on after	iiu Reset					
		app	roximate	ly 5-10 seco	nds.						
		6. Pre	<u>ss the g</u> u	lard reset pu	<u>ishbutton</u> to	reset					

U.S. Postal	Service						IDENTIFICA	TION				
Maintenance	Check	list	WORK CODE		EC A(	Г 	CL C	ASS ODE	NU	MBER	TYPE	
			0 3	SP	S	S		Α	A	0	0 1	Μ
Equipment Nomenclature	e ation S	vetem	Equipme	nt Model	vetam		Bulletin Fil	ename		Occurre	nce	
	auon S	ystern		FIIOLO	ysterri			113120				
Part or	Item		Task	Statement	and Ins	struction		Est.	Min.		Threshold	s
Component	No		(Comply wi	th all curre	nt safet	y precauti	ons)	Time	Skill	Run	Pieces	Freq.
								(min)	Lev	Hours	⊢ed (000)	
			oodor ar	tn, nh-t-	01/07			1	1			
		uni	oader en	try photo	eyes.							
		7. Pre the	ess the <b>D</b> e fully lowe	<b>own</b> butt ered pos	ton to ition.	return u	nloader to					
		NOTE: pushbut	The Rem tton switc	ote Oper h is not i	ator T Ilumina	erminal ated.	E-Stop					
		8. Re	peat sten	s 1 thru <sup>-</sup>	7 for tl	ne Remo	ote					
		Op	erator Te itch.	rminal E	-Stop	pushbut	ton					
		9. No su	te any de pervisor.	ficiencie	s and	report th	nem to					
OPERATIONAL	38. **	(Power	On)				30	09			W	
APCU		Check	Unloader	hydrau	lic un							
		each U	nioader (	2 people	e reco	mmend	ied).					
		WARNI or on applied that t precaut and te moving	ARNING: Be cautious when working around r on equipment when power has been oplied. Some of the following tasks require hat the machine be running. Take recautions to prevent hair, clothing, tools, and test equipment from being caught in lowing parts.									
		WARNI near or be remo repaire	/ARNING: If the APCU pressure levels are ear or in excess of 1750 PSI, the APCU must e removed from service immediately and epaired.									
		1. Vis coi	ually che	ck pump for leaki	, resei ing flui	rvoir, filt d.	er, and all					
		2. Wi loo	With Unloader empty, operate Unloader and look for the following:									
		a.	<ul> <li>Verify smooth lift performance during operation.</li> </ul>									
		b.	Observ clevis, o wear. I the pin should	e motion checking If any noi is discov be scheo	n of ea   for sig n-rotat /ered, duled t	ch pivot gns of p tional m the clev for repla	pin & in or clevis otion of is bushing cement.					
		C.	Check floor me	floor mou ounting b	unting polts a	points a re secur	nd verify e.					
		d. Visually check gauges for damage.										
		e.	Observ	e the hyd	<u>drauli</u> c	pressu	re gauge.					

MMO-115-17		Maintenance	Technical	Support C	enter
U.S. Postal Service		IDENTIFICAT	ION		
<b></b>	WORK	EQUIPMENT	CLASS	NUMBER	TYPE
Maintenance Checklist	CODE	ACRONYM	CODE		

S P S S 3 0 Equipment Model Pilot System Equipment Nomenclature Small Parcel Sortation System

Bulletin Filename mm15120 0 0 1 Μ А Occurrence

Part or	Item	Task Statement and Instruction	Est.	Min.		Threshold	s
Component	No	(Comply with all current safety precautions)	Time Req (min)	Skill Lev	Run Hours	Pieces Fed (000)	Freq.

		If pressure indicated does not fall within ranges below, initiate corrective action. NOTE: The typical empty APCU pressure reading ranges are as below: • *Stage one Tilt Up: 500 PSI to 750 PSI • *Stage two Dump Up: 700 PSI to 850 PSI • *Stage three Dump Down: 950 PSI to 1350 PSI • *Stage four Tilt Down: 1100 PSI to 1450 PSI NOTE: The maximum operating pressure with rated capacity should be less than 1750 PSI. The system release pressure is pre-set at 1750 PSI by the manufacturer.				
OPERATIONAL	39. **	(Power On)	10	09		W
INCLINE CONVEYOR		Check Incline Conveyor Belts for proper tension and tracking.				
		<ol> <li>On the incline conveyor, place the 3-way Selector Switch to the <b>ON</b> position. Observe the incline conveyor belt tracking.</li> </ol>				
		<ol> <li>Place the 3-way selector switch to the OFF position.</li> </ol>				
		<ol> <li>Check sidewalls for wear or excessive buildup of plastic dust which would indicate signs of improper tracking.</li> </ol>				
		<ol> <li>Check the belt tension by observing belt sag, through the viewing slot in the lower section of the frame, on both sides of the frame. The belt sag should not be below the incline conveyor frame.</li> </ol>				
		<ol> <li>Generate a work order to address any deficiencies.</li> </ol>				
		Reference the MTSC SPSS page, PM Source Documentation, Intralox Conveyors, Modular Plastic Belt Equipment Instruction Handbook.				
OPERATIONAL INDUCT:	40.	(Power On)	20	09		W

U.S. Postal S	Service						IDENTIFICA	TION				
Maintenance	Check	list	WORK CODE		EQUIF ACRO	'MENT DNYM		CL	.ASS ODE	NU	MBER	TYPE
			0 3	S P	S S			Α	Α	0	0 1	М
Equipment Nomenclature			Equipme	nt Model			Bulletin Fil	ename		Occurre	nce	
Small Parcel Sona	alion S	ystem		Pliot Sy	stem		mm	15120				
Part or	Itom		Tock	Statement	and Instru	stion		Fet	Min		Throchold	
Component	No	((	Comply wi	th all currer	it safety pr	ecautio	ons)	Time	Skill	Run	Pieces	s Freq.
								Req (min)	Lev	Hours	Fed	
								(((((((((((((((((((((((((((((((((((((((			(000)	
INFEED – SCALE		Check B	elt Trac	king, Te	nsion, a	nd Sp	beed.					
		NOTE: C	Conveyo	r belt spe	eds have	e a sp	eed					
		variation	of plus of	or minus	(+/-) 2%	of the	nominal					
CONVETORIO		belt spee	ed.									
		• +	⊦/- 4.4 fp	m on ind	uction be	elts lis	ted at					
		2	220 fpm	or 215.6	to 224.4	fpm.						
		• +	⊦/- 11.6 f	fpm on th	e strip be	elts lis	sted at					
		2	290 fpm	or 278.4	to 301.6							
		1. On t	the indu	ction line	control p							
		Indu	ict packa	age <b>Start</b>	pushbut							
		infe	ed line.									
		2. Che trac	ck Infee king and	d Belt co I tension.	nveyor fo							
		3. Che	ck the Ir	nfeed Bel	t convey							
		(nor tach	ninal 22 iometer.	0 fpm) by	using th	nd held						
		4. Che trac	ck the S king and	cale Belt I tension.	conveyo	or for	proper					
		5. Che (nor tach	eck the S ninal 22 nometer.	cale Belt 0 fpm) by	conveyo using th	or spe le har	ed nd-held					
		6. Che tens	ck the T sion and	iming Be tracking.	lt convey	or for	proper					
		7. Che (nor tach	ck the T ninal 22 nometer.	iming Be 0 fpm) by	lt convey using th	∕or sp e har	eed nd held					
		8. Che trac	ck the S king and	strip Belt o I tension.	conveyo	belt	for proper					
		9. Che (nor tach	eck the S ninal 29 nometer.	otrip Belt ( 0 fpm) by	Conveyo using a							
		10. Gen defie	ierate a ciencies	work orde	er to add	ress a	any					
		Reference Documer	e the M ntation, I	TSC SPS	S page, onveyors	PM S folde	Source er.					
			<u> </u>									
OPERATIONAL	41. **	(Power (	Dn) Voighing		<b>~</b> \/		25	10			M	
WEIGHING/		CHECK W	verðunuð	J Accura	cy.							

MMO-115-17			M	aintenanco	<u>e Te</u> c	hnic	al Sup	port C	enter
U.S. Postal Servi	ice	MODK		IDENTIFICA	TION	400	K IU I		TVDE
Maintenance Che	ecklist	CODE	ACRONYN	Λ	CL	ODE	NU	MBER	TTPE
		0 3	S P S S		Α	Α	0	0 1	М
Equipment Nomenclature	n System	Equipmer	nt Model Pilot System	Bulletin File	ename		Occurre	nce	
omain aroch oontallo	in Oyotom		r not bystern		10120				
Part or Ite	em	Task	Statement and Instruction		Est.	Min.		Threshold	s
Component N	No (1	Comply wit	h all current safety precau	tions)	Time Rea	Skill Lev	Run Hours	Pieces Fed	Freq.
					(min)		Hours	(000)	
	Chook th		Socia avetam for acc					1	<u> </u>
CONVEYOR	Check II	e weign	Scale system for acc	uracy.					
	1. Pus on t	h the Induc	duct Package <b>Stop</b> tion line control pane	pushbutton I.					
	2. Pres	ss the So	cale Stop button on	the display					
	SUIC								
	3. Usir mea cent	ng 20 ll Isured w ter of sca	b. (320 oz.) weigh eight in each corner, ile conveyor.						
	4. Trou minu	ubleshoo us (+/-) 1	t scale if tolerance ounce.						
	5. Gen defie	erate a ciencies.	work order to ac	ldress any					
	Reference Docume Maintena	ce MTS ntation, ance Trai	C SPSS page, P Interoll Conveyors ning Lesson 8C Scal	PM Source folder, SH e.					
SORTER 42.	** (Power (	On)			15	09			W
	Check D both sid	estinations of so	on Chute Jam Senso rter for proper oper	ors on ation.					
	WARNIN or on applied. that th precauti and tes moving	IG: Be c equipmo Some ne mac ons to t equip parts.	autious when worki ent when power of the following tas hine be running prevent hair, cloth ment from being	ing around has been sks require j. Take ing, tools, caught in					
	1. With ser	n the sort isor, crea	er running, block the ating a jam.	chute jam					
	2. Che ligh	eck that th its flash i	ne sorter stops, the re ndicating a chute jam	ed stack ı.					
	3. The chu Pre and	Cimplici ite jam e ss the G start the	ty HMI displays a diso rror message, while a reen Sorter Start pus e sorter.	charge active. hbutton					
	4. Note sup	e any del pervisor.	ficiencies and report t	hem to					
SORTER 43.	** (Power of Destinat	on) ion Chu	te Control Switches	•	30	09			M

U.S. Postal	Service				IDENTIFICA	TION				
Maintenance	Check	list	WORK CODE		T 1			NU	MBER	TYPE
			0 3	SPSS		A	A	0	0 1	М
Equipment Nomenclature	e		Equipment	Model	Bulletin File	ename		Occurre	nce	
Small Parcel Sor	tation S	system		Pilot System	mm	15120				
Part or	Itom		Task St	atomost and Instruction		Fet	Min		Throchold	c
Component	No	(	Comply with	all current safety precaut	ions)	Time	Skill	Run	Pieces	s Freq.
						Req (min)	Lev	Hours	Fed	
						(11111)			(000)	
		1. Che	ck that all	Destination Chute C	Group					
		illun	ntroi switch	es are operational a on placed in the <b>Off</b>	na position					
		2 Ret	urn switch	to the <b>On</b> position						
		2. Red	ok that the	switches are not d	amagad					
		J. Che			amayeu.					
		4. Ger defi	ciencies.	ork order to address	any					
SORTER	44. **	(Power (	On)		.5**	09			М	
		Destinat	ion Chute	e Full Sensors.						
		Check th	e Destinat	tion Chute Full Sens	ors for					
		proper o	peration.							
		1. With sen:	n the sorte sor on the	r stopped, block the designated chute.	chute full					
		2. Che indi	eck the chu cating the o	ute selector switch fla chute is full.	ashes					
		3. Ger defi	nerate a wo ciencies.	ork order to address	any					
		* Time p	er group of	f 4 chute selector sw	vitches.					
SORTER	45. **	(Power	On)			5	09			М
		Tray Clo	sing Devi	ice.						
		Check th proper o	e Tray Clo peration.	osing Devices brush	es for					
		1. With retu	n the sorter urn one (1)	r stopped, pull dowr ) closing brush.	and					
		2. Che red ind dev	eck that the stack light icator flash /ice fault.	e alarm horn sounds ts and MCP Sorter E n indicating a tray clo	and the E-Stop osing					
		3. Pres fau	ss the <b>Tur</b> i It.	<b>n 2</b> Fault reset butto	n to clear					
		4. Pres	ss the <b>E-S</b> t	top Reset button on	the MCP.					
		5. Rep bru	eat steps sh.	1-4 for the second c	losing					
		6. Pres	ss the <b>Sor</b> sorter.	ter Start pushbuttor	n and start					
		7. Ger def	nerate a wo iciencies.	ork order to address	any					

MMO-115-17

Maintenance Technical Support Center

U.S. Postal Service								IDE	NTIF	ICAT	ION					
	WC	DRK			E	QUIF	PMEN	Т			CLA	ASS	N	IUMB	ER	TYPE
Maintenance Checklist	CC	DE				ACR	DNYM				CC	DE				
	0	3	S	Ρ	S	S					Α	Α	0	0	1	М
Equipment Nomenclature	Equ	ipmei	nt Mo	del				В	ulletir	n Filer	name		Occu	rence	;	
Small Parcel Sortation System		Pilot System							r	nm1	5120					

Component       No       (Comply with all current safety precautions)       Time Req (min)       Skill Lev       Run Hours       Pieces Fed (000)       Freq.         SORTER       46. **       (Power On) Tray Close Verification Sensor (CVS).       5       09       W       W								
Keq (min)     Lev (min)     Hours     Fed (000)       SORTER     46. **     (Power On) Tray Close Verification Sensor (CVS).     5     09     W       NOTE: Prior to manually opening the trays, pull     0     0     0     W	Component	No	(Comply with all current safety precautions)	Time	Skill	Run	Pieces	Freq.
SORTER       46. **       (Power On) Tray Close Verification Sensor (CVS).       5       09       W         NOTE: Prior to manually opening the trays, pull       0       0       W				кеq (min)	Lev	Hours	⊢ed (000)	
SORTER       46. **       (Power On) Tray Close Verification Sensor (CVS).       5       09       W         NOTE: Prior to manually opening the trays, pull       0       0       W				、 /			()	
Tray Close Verification Sensor (CVS).         NOTE: Prior to manually opening the trays, pull	SORTER	16. **	Power On)	5	09			W
NOTE: Prior to manually opening the trays, pull			ray Close Verification Sensor (CVS).					
			IOTE: Prior to manually opening the trays, pull					
the maintenance alley pull cord E-Stop to prevent			he maintenance alley pull cord E-Stop to prevent					
reset the pull cord E-Stop.			eset the pull cord E-Stop.					
Check the Close Verification Sensor for proper			Check the Close Verification Sensor for proper					
operation.			peration.					
1. With the Sorter stopped, open 1 or 2 carrier			. With the Sorter stopped, open 1 or 2 carrier					
and outside tray book latches located on the			and outside trav book latches located on the					
outside of the trays, immediately following			outside of the trays, immediately following					
the Tray Closing Device.			the Tray Closing Device.					
NOTE: The Sorter will operate at 15% of normal			IOTE: The Sorter will operate at 15% of normal					
speed when placed into Maint. Mode.			peed when placed into Maint. Mode.					
CAUTION: In the next steps, immediately stop the sorter if the CVS fails to do so.			CAUTION: In the next steps, immediately stop he sorter if the CVS fails to do so.					
2. Place the Sorter Mode Switch into <b>Maint</b> . Mode on the MCP.			. Place the Sorter Mode Switch into <b>Maint</b> . Mode on the MCP.					
3. Start the Sorter.			. Start the Sorter.					
4. Check that the Sorter stops as the open tray			. Check that the Sorter stops as the open tray					
door passes in front of the CVS.			door passes in front of the CVS.					
5. Check that the red stack lights flash, and			. Check that the red stack lights flash, and					
check the Cimplicity HMI for "closing device			check the Cimplicity HMI for "closing device					
aut not closed message.			aut not closed message.					
6. Close the open tray doors.			. Close the open tray doors.					
7. On the Cimplicity screen, click the trays button on the upper right side of screen.			. On the Cimplicity screen, click the trays button on the upper right side of screen.					
a. Select tray flagged as "not operational".			a. Select tray flagged as "not operational".					
b. On the tray details screen select out-of-			b. On the tray details screen select out-of-					
service to place the tray into a non-			service to place the tray into a non-					
c Select "In Service" to roturn trov to			c Select "In Service" to return trav to					
operational status.			operational status.					
d. Close tray details screen.			d. Close tray details screen.					
8. Click the SPSS-1 button on the upper right side of screen, to return to the main screen.			. Click the SPSS-1 button on the upper right side of screen, to return to the main screen.					
9. Select the CVS-1 icon to view sensor details.			. Select the CVS-1 icon to view sensor details.					

U.S. Postal	Service							DENTIFICA	TION					
Maintenance	Check	list		WORK CODF				NT N		CL	LASS ODF	NU	MBER	TYPE
				0 3	S F	S	S	Ë		A	A	0	0 1	Μ
Equipment Nomenclature	e tation S	Veter	m	Equipm	ent Model	Sveto			Bulletin File	ename		Occurre	ence	
		ysie	11			Jysie				10120				
Part or	Item			Tasl	< Statemer	nt and	Instruction			Est.	Min.		Threshold	s
Component	No		(0	Comply w	/ith all curr	ent sa	fety precau	tion	s)	Time Req	Skill Lev	Run Hours	Pieces Fed	Freq.
										(min)			(000)	
			a.	Select	reset to	retu	rn the CV	′S-′	1 to					
			b.	Close	sensor o	letail	s window							
		10.	Plac	e the s	orter into	o Rur	n mode w	he	n					
			con	npleted	•									
		11.	Note sup	e any de ervisor	eficienci	es ar	nd report f	the	m to					
SORTER	47. **	(Po Dise	wer C charg	Dn) ge Verii	fication	Sens	sor (DVS	).		15	09			W
		<b>NO</b> Sigr	TE: S	ensor T redentia	Fests are als.	e perf	formed ur							
		Che prop Veri	eck the per op ficatio	e Disch peratior on Sens	arge Ve by perf sor Test	rifica ormir on D	tion Sens ng a Discl IVS-1 and							
		1.	At th	ne FMP	CS Mair	n Sor	ter Contro	olle	r Menu:					
			a.	Select	Mainte	nanc	e.							
			b.	Select	Start a	Sens	sor Test.							
			C.	Select	DVS-1.									
			d.	Enter	Test Opt	ions:								
				1) N e:	umber c xamine:	of tray [ <b>50]</b>	s or wind	vot	/s to					
				2) T	ray or w	indov	v interval	[3]						
		2.	Pres Sort	ss Esca er Equi	pe 2 tim pment n	es ar nenu.	nd return	to	the Test					
			a.	a. Select Start a <b>Discharge Unit Test.</b>										
			b.	Select	DC-001									
			c. Enter Test Options:											
				1) N [ <b>2</b>	lumber c 2 <b>0</b> ].	of time	es to fire	the	DU:					
				2) T	ray or w	indov	v interval	[20	<b>)</b> ].					
				3) T	ray Mod	ulus	[ <b>1</b> ].							
		3.	Press Escape 4 times to Select Sorter Control Menu. a. Select <b>Start Sorter.</b>											
		4.	Pres	s Esca	pe to re	turn t	o the Mai	in S	Sorter					

MMO-115-17					Ma	<u>iintenan</u> c	<u>e Te</u> c	<u>hnic</u>	<u>al Su</u> p	port C	enter
U.S. Post	tal Service		MODK				TION	100	NU.		TVDF
Maintenand	ce Check	list	CODE		ACRONYM		C	DDE	NU	MBER	TTPE
	4		0 3	SP	SS	Dullatia Fil	Α	A	0	0 1	М
Small Parcel S	ortation S	system	Equipme	Pilot Sys	stem	Bulletin File	ename 15120		Occurre	nce	
		2		2							
Part or	Item		Task	Statement a	and Instruction	one)	Est.	Min.	Bun	Threshold	S
Component	NO		Comply wi		i salety precauti	0113)	Req	Lev	Hours	Field	rieq.
							(min)			(000)	
		Со	ntroller M	enu.							
		a.	Select V	View Mes	sage Log.						
		b.	Select \$	Specific /	Actions from	n Log.					
		C.	Select t	he first A	ction field an	d enter [ <b>2</b> ].					
			Standard	Action Sr	pecification 2						
		represer	nts "Sens	or Test".							
		5. Vie	w log, sc	roll up to	view tray ma	sks and					
		che	eck the tra	ay masks	profiles indic	ating open					
		uay									
		o. Rej Dis	charge V	erification	n 5 to perfor	m a t on					
		DV	S -2.								
		7. Not	e any dis	crepancie	es and report	them to					
		sup	ervisor.								
SORTER	48. **	(Power	On)		0		30	09			М
		Sorter F	Cover. E	n wniske Derail Def	er Sensors: tection, and	Clear					
		Drive B	elt.		,						
		NOTE:	This task	will requi	re 2 people to	o perform.					
		Perform	a functio	nality che	ck on the So	rter					
		Protectio	on Senso	rs.							
		1. Wit Cov	h the sor ver (IOC-	ter not rur 1) whiske	nning, trip Ite r switch sens	m on Sor.					
		a.	On the 1 report	graphics ts when tr	screen check ipped.	that IOC-					
		b.	Check t	the Sorter	Stack light a	ssemblies					
			and MC	CP Sorter	E-Stop indica	ator for					
		6	Droce ti	ho Rosof	turn 1 nucht	witton to					
		U.	clear th	e Turn 1	fault.						
		d.	Press tl the MC	he Reset P.	E-Stop pushl	outton on					
		2. Wit Det Tur	h the sor ection Se n 1.	ter not rur ensor 1 (E	nning, trip De )R-1) whiske	rail r switch in					
		a.	On the 1 report	graphics ts when tr	screen check ipped.	that DR-					

U.S. Postal	Service				1		IDENTIFICA	TION				
Maintenance	Check	list		WORK CODE	ļ	EQUIPMEN ACRONYM	T	CL C(	ASS ODE	NU	MBER	TYPE
				0 3	SPS	S		Α	Α	0	0 1	Μ
Equipment Nomenclature	e tation Q	Veton	<b>^</b>	Equipmer	nt Model Pilot Svot	m	Bulletin Fil	ename		Occurre	nce	
	auon 3	ysten	1		F IIOL SYSTE	111	111111	10120				
Part or	ltem			Task	Statement and	Instruction		Fst	Min		Threshold	s
Component	No		(0	Comply wit	th all current sa	afety precauti	ions)	Time	Skill	Run	Pieces	Freq.
								Req (min)	Lev	Hours	Fed (000)	
								()			(000)	
			b.	Check t	the Sorter S	tack light a	assemblies					
				flashing	r E-Stop Ir Lliahts	idicator for	Rea					
			_	Duran	, nginto.	4	44 4 -					
			C.	clear fa	ult in Turn 1	l.	ulion lo					
			d.	Press th	he Reset E- P	Stop push	button on					
		2	\\/;+L	the cort	· ·	ing trip Do	vroil					
		э.	Dete	ection Se	ensor 2 (DR	-2) whiske	r switch in					
			Turr	n 1.		_,						
			a.	On the g 2 report	graphics sc ts when trip	reen checł ped.	k that DR-					
			b.	Check t and MC flashing	the Sorter S CP E-Stop ir J lights.	tack light and icator for	assemblies <sup>-</sup> Red					
			C.	Press th clear fa	he Turn 1 re ult in Turn 1	eset push b I.	outton to					
			d.	Press th the MCI	he Reset E- P.	Stop push	button on					
		4.	With Dete Turr	n the sort ection Se n 1.	ter not runn ensors (DR-	ing, trip De ·3) whisker	erail <sup>-</sup> switch in					
			a.	On the g 3 report	graphics sc ts when trip	reen, chec ped.	k that DR-					
			b.	Check t and MC flashing	the Sorter S CP E-Stop ir J lights.	itack light a ndicator for	assemblies <sup>-</sup> Red					
			C.	Press th clear fa	he Turn 1 re ult in Turn 1	eset push b I.	outton to					
			d.	Press th the MCI	he Reset E- P.	Stop push	button on					
		5.	With Belt	the sort (CDB-1)	ter not runn ) whisker sv	ing, trip Cle vitch in Tur	ear Drive m 1.					
			a.	On the CDB-1	graphics sc reports whe	reen, chec en tripped.	k that					
			b.	Check t and MC flashing	the Sorter S CP E-Stop ir J lights.	itack light a ndicator for	assemblies <sup>-</sup> Red					
			C.	Press th clear fa	he Turn 1 re ult in Turn 1	eset push b I.	outton to					

MMO-115-17						Mai	ntenance	e Tec	hnica	al Sup	port C	enter
U.S. Postal S	Service		14/6				DENTIFICAT					T)/DE
Maintenance	Check	list	CC	DRK DDE		ACRONYM		CL	ASS DDE	NU	MBER	TYPE
			0	3	S P S	S		Α	Α	0	0 1	М
Equipment Nomenclature Small Parcel Sort	e ation S	vstem	Equ	lipmer	nt Model Pilot Syste	m	Bulletin File	ename 15120		Occurre	nce	
		yotom			1 not oyote			10120				
Part or	Item			Task	Statement and	Instruction		Est.	Min.		Threshold	S
Component	No		(Comp	oly wit	th all current sa	afety precaution	ns)	Time Rea	Skill Lev	Run Hours	Pieces Fed	Freq.
								(min)		Tiouro	(000)	
			Dre	nee th	ha Rasat E-	Ston nuch h	utton on					
			the	MC	P.							
		6. V E T	Vith the etectio urn 2.	e sort on Se	ter not runni ensor (DR-4	ing, trip the ) whisker sv	Derail witch in					
		a	. On 4 re	the eport	graphics sc ts when trip	reen, check ped.	that DR-					
		b	. Che and flas	eck t d MC shing	the Sorter S CP E-Stop ir J lights.	tack light as idicator for I	ssemblies Red					
		c	. Pre	ess th ar fa	he Turn 2 re ult in Turn 2	eset push bu	utton to					
		d	. Pre the	ess th MC	he Reset E- P.	Stop push b	outton on					
		7. V [ ]	Vith the etectio urn 2.	e sort on Se	ter not runni ensor (DR-5	ing, trip the ) whisker sv	Derail witch in					
		a	. On 5 re	the eport	graphics sc ts when trip	reen, check ped.	that DR-					
		b	. Cho and flas	eck t d MC shing	the Sorter S P E-Stop ir J lights.	tack light as idicator for I	ssemblies Red					
		c	. Pre	ess th ar fa	he Turn 2 re ult in Turn 2	eset push bu ?.	utton to					
		d	. Pre the	ess th MC	he Reset E- P.	Stop push b	outton on					
		8. V E T	Vith the etectio urn 2.	e sort on Se	ter not runni ensor (DR-6	ing, trip the ) whisker sv	Derail witch in					
		a	. On 6 re	the eport	graphics sc ts when trip	reen, check ped.	that DR-					
		b	. Che and flas	eck t d MC shing	the Sorter S CP E-Stop ir J lights.	tack light as idicator for I	ssemblies Red					
		c	. Pre	ess tł ar fa	he Turn 2 re ult in Turn 2	eset push bu 2.	utton to					
		d	. Pre the	ess th MCI	he Reset E- P.	Stop push b	outton on					
		9. V	Vith the Prive Be	e sort elt (C	ter not runni CDB-2) whis	ing, trip the ker switch ii	Clear n Turn 2.					

U.S. Postal	Service				IDENTIFICA	TION					
Maintenance	Check	list	WORK CODE		EQUIPMEN ACRONYM	Γ	CL	LASS ODE	NU	MBER	TYPE
			0 3	S P S	SS		Α	Α	0	0 1	М
Equipment Nomenclature	e hatian C	vetere	Equipme	nt Model	- 1	Bulletin Fil	ename		Occurre	nce	
Small Parcel Son	lation 5	ystem		Pliot Syste	em	rnm	15120				
Part or	Itom		Tock	Statement and	Instruction		Ect	Min		Throchold	c
Component	No	((	Comply wi	th all current s	afety precauti	ons)	Time	Skill	Run	Pieces	Freq.
							Req (min)	Lev	Hours	Fed	
							()			(000)	
		a.	On the Clear D tripped.	graphics so )rive Belt (C	reen, chec DB-2) repo	k that orts when					
		b.	Check and MC flashing	the Sorter S CP E-Stop ir g lights.	Stack light and icator for	assemblies Red					
		C.	Press t clear fa	he Turn 2 re ult in Turn 2	eset push b 2.	outton to					
		d.	Press t the MC	he Reset E- P.	Stop push						
		10. Pres MCF	ss the Ro P.	eset E-Stop	push butto						
		11. Note supe	e any de ervisor.	ficiencies a	nd report th						
SORTER	49. **	(Power ( Hanging	⊃n) ⊨Produc	ct Sensors.		10	09			М	
		WARNIN or on applied. that th precaution and tes moving	IG: Be c equipm Some e mac ons to t equip parts.	cautious wi ent when of the foll- chine be prevent h oment from							
		Perform a Product \$	a functio Sensors	onality test c	n the Hang	ging					
		1. With hang	n the Sor ging pro	rter in opera duct sensor	ition, block s in Turns	the 1 & 2.					
		2. Che sour	ck that t nds.	he Sorter st	ops and al	arm					
		3. Che illum	ck the M ninates.	ICP Sorter	E-Stop indi	cator					
		4. Che repo	ck the F orting.	MPCS Gra	ohics comp	outer for					
		5. Pres alar	ss the M m.	CP Reset E	-Stop butto	on to clear					
		6. Pres resta	ss the M art sorte	CP <b>Sorter</b> : r.	<b>Start</b> pushl	outton to					
SORTER	50.	(Power Discharg	On) ge Soler	noids Oper	ation.		15	10			W

MMO-115-17							Ma	aint	ena	nce	Tech	nical	Su	оро	rt C	enter
U.S. Postal Service																
Maintenance Checklist	WC CO	RK DE			E	QUIF ACR(	PMEN DNYM	Т			CLA CO	ASS DE	N	JMBE	ĒR	TYPE
	0	3	S	Ρ	S	S					Α	Α	0	0	1	М

	-	-	-	-	-	-					 -		-	
Equipment Nomenclature	Equ	ipmeı	nt Mo	del			В	ulletir	n Filer	Occurrence				
Small Parcel Sortation System			Pilo	ot Sy	/ster	n		r	nm1	5120				

Part or	Item		Task Statement and Instruction	Est.	Min.		S	
Component	No		(Comply with all current safety precautions)	Time Reg	Skill Lev	Run Hours	Pieces Fed	Freq.
				(min)	200	nouis	(000)	
		Derf						
		Check	rm a Sequential Discharge Unit Test to					
		discha	arge solenoids					
		1. A	At the FMPCS Control Station terminal, sign					
		c	on as maint.					
		2. F	Press the <b>Sorter Start</b> button on the MCP.					
		3. A	At the FMPCS Control Station Main Menu Select Maintenance:					
		a	a. Select Discharge Unit Tests.					
		t	<ul> <li>Select start a sequential discharge unit test.</li> </ul>					
		4. l f	Under Enter Test Options enter the following:					
		a	a. Sequential Test Side [blank]					
		Ł	o. First discharge unit name [DC-001]					
		c	<ul> <li>Last discharge unit name [DC-196] (or last discharge on machine)</li> </ul>					
			d. Number of times to fire each DU [ 4 ]					
		e	e. Tray or window interval [ 1 ]					
		f	. Tray modulus [ blank }					
		g	g. Number of times to repeat test. [1]					
		5. 5	Start test by pressing <b>Enter</b> .					
		6. F	Press <b>Escape</b> .					
		7. A 0	At the FMPCS Terminal screen select Cancel a Sequential Discharge Unit Test once the discharge unit test completes.					
		8. F N	Press the <b>Stop Sorter</b> pushbutton on the MCP.					
		9. F (	Press <b>Escape</b> 2 times; from the FMPCS Control Station terminal Main Sorter Controller Menu:					
		a	a. Select View Message Log.					
		k	o. Select specific actions from log.					
			c. Tab down 4 times to select the first					

action field, enter the number 4 to view

Discharge Unit failures.

U.S. Postal	Service					TION					
Maintenance	Check	list	WORK			CL		NU	MBER	TYPE	
mannoonanoo	2.1001		0 3	SP	SSS		A		0	0 1	М
Equipment Nomenclature		4	Equipmer	nt Model		Bulletin File	ename		Occurre	nce	
Small Parcel Sort	ation S	ystem		Pilot Sy	stem	mm	15120				
Part or	Item		Task	Statement :	and Instruction		Est	Min		Threshold	s
Component	No	(	Comply wit	h all curren	t safety precauti	ons)	Time	Skill	Run	Pieces	Freq.
							(min)	Lev	Hours	⊢ed (000)	
		10 Not	e which a	lischarge	solenoide re	port					
		disc	harge pr	oblem an	d/or failure.	pon					
		11. Ger	nerate a v	work orde	er to address	any					
		defi	ciencies.			5					
SORTER	51. **	(Power o	on)				.5*	09			W
		Split Tra	iys.								
		NOTE: F	Place the	Sorter in	Maint. mode	e to jog the					
		sorter for	access	to the tra	ys. Use a la	dder					
		travs.	ear the N		asy access t						
			an trave i	usina a d	ust removal h	orush or					
		gen	eral purp	ose clea	ner and cloth	to remove					
		any	dirt or de	ebris.							
		2. Ren from	nove any n within tl	<sup>,</sup> foreign r he tray or	naterial (I.E. n all carrier tr	labels) ays.					
		3. Ger defi	nerate a v ciencies	work orde	er to address	any					
		* Tir	ne per tr	ay							
Sorter	52 **	(Power	On)	,			30	10			W
	~	Split Tra	ay Opera	ation							
		Observe	e Split Tra	ay openir	ng operation.						
		NOTE: C takes ap	One sorte proximat	er revoluti ely 18 mi	on in MAINT nutes 4 seco	Mode nds.					
		1. At th	ne FMPC	S Contro	l Station, pre	ess Ctrl-					
		Mer	to switch nu screer	n to the M n [3].	iain Sorter C	ontroller					
		NOTE: T	he disch	arge chu	te solenoids	can be					
		alternate the desir	d by cha ed chute	nging "D(	C-000" desig	nator to					
		2. At th	ne FMPC	S termin	al type:						
		for	ce disch	arge DC	-001 divert o						
		3. At th	ne FMPC	- S termin	al type:						
		forc	e disch	arge DC-	001 divert2						
		tray	s at Disc	harge Ch	ute 1.						
		4. Plac	ce the Sc	orter Mod	e switch to <b>M</b>	AINT.					
		5. Pres	ss the Sc	orter Star	<b>t</b> pushbutton	on the					
		MC	P. The s	orter will	operate at a	reduced					

MMO-115-17			Maintenance Technical Support Cente											
U.S. Postal	Service													
Maintenance	Check	list	WORK CODE		ACRONYM	CL	ASS	NU	MBER	TYPE				
			0 3	S P S	S		A	A	0	0 1	М			
Equipment Nomenclature			Equipmer	nt Model		Bulletin File	ename		Occurre					
Small Parcel Sort	ation S	system		Pilot Syste	em	mm	15120							
Dort or	Itom		Took	Statement and	Instruction		Ect	Min		Throphold	0			
Component	No		(Comply wit	h all current sa	afety precaution	ns)	Time	Skill	Run	Pieces	Freq.			
							Req (min)	Lev	Hours	Fed				
							(11111)			(000)				
		spe	eed (appro	oximately 1										
		6. Ob	serve tray											
		a.	Record slam op very noi	the tray nur en, bounce isy.	nber if the c excessively	loors y, or are								
		b.	Verify tł is prese	ne shock ab ent.	sorber impa	act block								
		C.	Verify th	ne shock is	present.									
		7. Pre MC	ess the <b>Sc</b> CP.	orter Stop p	oushbutton o									
		8. At f ren	the FMPC	S terminal command	type <b>unforc</b>									
		9. Pla	ice the So	orter Mode s	witch to RU	N.								
		10. Ge def	nerate a v iciencies.	work order t	o address a	iny								
OVIS CABINET: US – ADDRESS	53. **	Downlo Addres	ad And U sDataBas	Jpdate OVI se Update \$	S Script.		20	10			W			
UPDATE OVIS ADDRESS DATABASE		WARNI or on e applied	NG: Be c quipment	autious wh t when pow	en working ver has bee	g around n								
UPDATE SCRIPT		NOTE: compute be broug the othe compute	The NDSS er, requirin ght up as er compute er.	S address fi ng each ind an IRS con ers brought	les reside o ividual comp nputer. Use up as a PIP	n the IRS outer to one of								
		1. Use Wo nav (W	e the ke orkstation /igate to t orkstation	yboard stro # <b>1, #2,</b> he compute ⊧1).	okes ( <b>CTRI</b> #3, and E er running a	L, CTRL, Enter) to s the PIP								
		2. Op OV	en OVIS ′IS GUI.	Controller t	ne SPSS-									
		3. Fro Up	om the ho date.	ome screen	, click <b>Too</b>	ls>NDSS								
		4. Fro	om the NE m the dro	)SS type wi p down field	ndow, selec l, and click (	ct <b>Update</b> OK.								
		5. On sta una pro	the ND ting the available oceed.	SS update OCR w will appea	screen a /ill be te r. Select	message mporarily <b>YES</b> to								

U.S. Postal	IDENTIFICATION												
Maintenance	Check	list	WORK EQUIPMENT							ASS	NU	MBER	TYPE
maintonanoo			0 3	SP	s	S			A		0	0 1	М
Equipment Nomenclature	Э		Equipme	nt Model	1			Bulletin File	ename		Occurre	nce	
Small Parcel Sort	ation S	ystem		Pilot Sy	/stem	ו		mm	15120				
		Î		<u></u>					<b>E</b> (	14		<del>_</del>	
Part or Component	Item No	((	Task Comply wi	Statement th all currer	and Ir nt safe	struction	itions	6)	Est. Time	Min. Skill	Run	Pieces	s Frea.
									Req	Lev	Hours	Fed	
									(11111)			(000)	
		6. Clic	k <b>OK</b> wh	ien comp	leted	l.							
		7. Pow	ver down	IRS con	npute	er (Work	sta	tion 2).					
		8. Pow (Wo	ver up rkstatior	the O n 3) as ar	VIS 1 IRS	Spare compu	c iter.	omputer					
		9. Onc thro	e Works uah 6.	station 3	is U	p, perfo	orm	steps 1					
		10. Pow	ver down	ı Worksta	ations	\$ 1 & 3.							
		11. Pow Wor	/er up kstation	Workstat 1 as an l	tion IRS c	2 as a	a F er.	PIP and					
		12. Nav CTF	igate to RL, CTR	Worksta <sup>.</sup> L, 2, and	tion 2 Ente	2 (PIP) er.	by	pressing					
		13. Perf	orm step	os 1 throu	ugh 6	S.							
		14. Pow	14. Power down Workstations 1 & 2.										
		15. Pow origi PIP	<ol> <li>Power up the OVIS computers in their original configuration (Workstation 1 as a PIP and Workstation 2 as an IRS.</li> </ol>										
		Referenc Documer Handboo	e MTS ntation, S k.	SPSS OV	S p VIS F	age, F Folder, (	PM OVI	Source S Users					
PSOC	54.	Perform	PSOC 0	Calibratio	on				20	10			W
		Perform Installation camera a camera A	Section on Manu angle, fo ADC setu	10, in the al to calil cus came up.	e USF brate era, a	PS - 212 the PS and che	2 SF OC ck t	PSS , verify he					
		NOTE: If source (b ambient l be calibra	site ado proken lig lighting o ated.	ls, remov ght bulb) of the car	ves, c that mera,	or replac will affe , PSOC	ces ct th will	a light ne I need to					
		Referenc Documer Manual, 3	e the M ntation, I Section	TSC SPS JSPS-21 10.	SS pa 2 SP	age, PM 'SS Inst	l So alla	urce tion					
FMPCS	55. **	Perform	Site Da	ta Backı	ıp				15	10			M
		Perform compute	Site Data r.	a Backup	on t	he FMF	PCS						
		Reference the MTSC SPSS page, PM Source Documentation, SPSS FMPCS folder, Making a Site Data Backup.											
SPSS:	56. **	Safety Task (Power On)							90	09			М
INTERLOCKS AND		Check A	ll Interla	ocks and	IE-S	tops							
E-STOPS	1				0					1	1	1	1

MMO-115-17	Maintenance Technical Support Center												
U.S. Postal Service		WORK			IDENTIF	ICATION		NII		TVDE			
Maintenance Check	dist	CODE		ACRONYM			CODE		INIDER				
E minnent Neuropeleterre		0 3	SP	SS	Dullati	A	A	0	0 1	М			
Small Parcel Sortation S	Svstem	Equipmer	Pilot Svs	tem	Bulleti	n Filename mm1512	C	Occurre	ence				
	,	I				-	-	<u> </u>					
Part or Item	,	Task	Statement a	nd Instruction	`	Est.	Min.		Thresholds				
Component No	(	Comply wit	h all current	safety precautio	ns)	Req	Lev	Run Hours	Pieces Fed	Freq.			
						(min	)		(000)				
	WARNIN or on applied. be runni clothing from bei NOTE: V one inter switch w interlock stopped. NOTE: V for each 1. Loa Gra 2. Ens Mai 3. Pus the SPS a.	IG: Be c equipme This ta ing. Tak ing. Tak ing. Caug Vhen per lock swit ith machi and E-Si /erify ligh E-Stop a d MAIN phics Sci ure the n Control h the Gr Main Co SS. Verify pushbut stack lic	autious v ent when ask requi to precau y, tools, ht in mov forming th ch and on ine running top switch t condition ind interloo NT.rt Son reen HMI. Mode Se I Panel is een Sorte ontrol Pan that whe ton is pr	when workin n power h res that the tions to pre- and test e ring parts. is step, check e emergency g. Check all es while mack hs and warning the sand warning the	g arou as be mach vent h quipm k only stop other chine is ng soun FMP ch on fode". button o start ter Sin and h	Ind een ine air, ent ent CS the on the tart ber orn							

pulses for 10 seconds, which indicates a warning that the system is starting up and a physical or electrical hazard exist.

5 seconds prior to starting the sorter, the horn alarm stops and the amber stack light assembly indicators flash. When the sorter starts up, the amber

stack light goes off, the Green Stack light indicators flash until the machine

Lamp lights in EMERG STOP switch.

Red light illuminates on all stack light

Green Sorter Running lamp goes out on

reaches full operational speed. Press one Emergency-Stop switch assembly

Machine stops immediately.

Main Control Panel Cabinet.

and note that following occurs:

assemblies.

b.

C.

a.

b.

C.

d.

4.

U.S. Postal	U.S. Postal Service						TION											
Maintenance	Check	list		WORK CODE		EQUIP ACRC	MENT NYM		CL CC	ASS ODE	NU	MBER	TYPE					
				0 3	SP	S S			Α	A	0	0 1	М					
Equipment Nomenclature	e ation S	wata	m	Equipme	nt Model	stom		Bulletin File	ename		Occurrence							
Smail Parcel Soft	auon S	ysie	111	L	FIIOL SYS	SIGIII			13120									
Dort or	Itom			Took	Statement	nd Instruc	tion		Fot	Min	in. Thresholds							
Component	No		(	Comply wit	th all current	safety pre	Time	Skill	Run	Pieces	s Freg.							
									Req	Lev	Hours	Fed						
									(mm)			(000)						
			e.	Red S	orter E-	Stop la	mp	on Main										
				Control	Panel Ca	ibinet illu	ımina	tes.										
			f.	Fault or	n FMPCS	Graphi	cs Sc	reen HMI										
				indicate	es appr	oximate	loc	ation of										
				E-Stop/	Interlock	being te	sted.											
			g.	Pressin not star	g Sorter t machine	Start pu e.	ishbu	tton does										
		5.	Res	et EME	RG STOP	switch	and	note that										
			follo	owing occ	curs:													
			a.	Sorter Panel C	E-Stop	amp on ishes.	Mai	n Control										
			b.	Red lig Assemt	nt flashes plies.	on ALL	the S	tack Light										
			C.	Lamp g assemb	oes out ir bly.	n EMER												
			d.	Press t the Mai	he Reset n Control													
			e.	Red E-	Stop lamı Panel.	o goes c	out on	the Main										
			f.	Red sta light as	ack light semblies.	goes o	ut on	all stack										
			g.	Press 1 the Mai the Sor	the Sorte in Control ter.	r Start Panel (	pushl Cabin	button on et to start										
			h.	Verify pushbu assemb pulses a warni and a p	that wh tton is p oly ambe for 10 se ng that th hysical or	START stack light and horn indicates starting up zard.												
			i.	Five seconds prior to starting the Sorter, the horn alarm stops and the amber stack light assembly indicators flash.														
			j.	When the Sorter starts up, the amber stack light goes off, and the Green Stack light indicators flash until the machine reaches full operational speed.														
			k.	Stop the machine and exit sort plan.														
		6.	With che	nout sta ck all rer	arting an maining E	d stop MERG	oing STOP	machine, switches										

MMO-115-17			Maintenance Technical Support Center											enter							
U.S. Postal	Service									IDE	ΕN	ITIFIC	ATI	ON							
Maintananaa	Chook	liot	WORK EQUIPMENT									CL	ASS		NU	ER	TYPE				
Wantenance	Check	1151	00	DE	0		/		JNYM		Т			C			0	0	4	N 4	
Equipment Nemenoletur	~		U	3	5		3	3				latin [	-ilon	A	A		U	0	I	IVI	
Small Parcel Sor	e tation S	vstem	Equi	pmer	Pile	uer st.Sv	vsten	n			Dui	mi	-nen m14	ame 5120		Occurrence					
														5120							
													<b>F</b> . 4	Min							
Part or Component	No	((	I ask Statement and Instruction									ESI. Time	NIIN. Skill		Dun	Inre	esnola	S Eroq			
Component	110	(	oomp	iy wit		Junoi	it out	y pi	couut	10110	')			Req	Lev	Н	lours	F	ed	rieq.	
													(min)				(0	00)			
		one	one at time to ensure that each one causes																		
		actio	ons a	as de	escri	ibed	in it	ems	4b -	- 40	ga	abov	е								
		to	occu	ur	whe	n	pres	sed	an	d	a	ction	s								
		dese	cribe	d in	iter	ns 5	5a –	5f	abov	e to	0	occu	ır								
		whe	n the	ey ai	re re	set.															
		7 \\/;+k	out	oto	rtine		ad	oton	nina	m		ohina									
		7. VVIU	ioui ak th	Sia D		j ai Sord	10 : E 64	siop	ping	III boo			, ,								
		che					E-31	op :	SWILC	nes	5 0		ац 								
		aur	ne, i	by h	Juilli	ig u	le el	ner	Jenc	y s		p pu									
		CORC	is, t	ое	ensu	re t	nat	eac	n or	ne	Ca	ause	S								
		actio	ons c	lesc	edin	ain	item	s 40	) – 4	g a		ovet	0								
		0000	ur wi	nen	pulle	ed a	naja	OIJO	ns a	esc			n								
		item	is <b>5a</b>	1 - 4	<b>51</b> 00	ccur	whe	en tr	ne Pi	ull (	Cc	ord E									
		Stop	Stop is reset.																		
		8. Note	te any deficiencies and report them to									0									
		sup	pervisor.																		
	··		·										_		-						
SPSS	67. <b>*</b> *	Create V	Vork	Orc	lers	For	Any	Ne	edec	I Re	ep	airs	•	10	ALL					D	
FINAL-CLEANUP	58. **	Clean-U	Clean-Up.										15	ALL					D		

removed from the work area. Report all deficiencies to your supervisor.

\*\* --- the tasks marked with two asterisks are critical tasks.

Ensure all tools, lubricants, rags, etc., are
## ATTACHMENT 3

## SPSS MASTER CHECKLIST

09-SPSS-AA-002-M

**Operational Maintenance** 

PILOT SYSTEM

CLASS CODE = AA

U.S. Postal Service								IDE	INTIF	ICAT	ION						
	WC	DRK			E	QUIF	PMEN	Г			CLA	ASS		NUN	IBE	R	TYPE
Maintenance Checklist	CC	DE				ACRO	DNYM				CC	DE					
	0	9	S	Р	S	S					Α	Α	0	(	)	2	Μ
Equipment Nomenclature	Equ	ipmeı	nt Mo	del				В	ulletir	n Filei	name		Occu	rren	се		
Small Parcel Sortation System			Pile	ot Sy	/ster	n			r	nm1	5120				Т	our	

Part or	Item	Task Statement and Instruction	Est.	Min.		Threshold	s
Component	No	(Comply with all current safety precautions)	Time	Skill	Run	Pieces	Freq.
			Req	Lev	Hours	Fed	
			(min)			(000)	

SAFETY STATEMENT	1.	WARNING: COMPLY WITH ALL SAFETY PRECAUTIONS. Disconnect power and apply lockouts when required by this instruction. Refer to current local lockout procedures to properly shut down and lock out this machine. Open equipment and inspect dust conditions. Check for suspicious dust or unusual debris. If any unusual substance is found notify supervisor prior to proceeding with any further action on the equipment. WARNING: THE USE OF COMPRESSED OR BLOWN AIR IS PROHIBITED. When cleaning is required, an alternative cleaning method such as a HEPA filtered vacuum cleaner or a damp rag must be used in place of compressed or blown air. A lint- free cloth or brush may be used on optical	1	ALL		Т
		equipment only when other cleaning methods cannot be used. Report safety deficiencies to your supervisor immediately upon detection. WARNING FOR EWP/PPE: Steps contained in this bulletin may require the use of Electrical Work Plan (EWP) Personal Protective Equipment (PPE). Refer to the current EWP MMO for appropriate EWP PPE and barricade requirements.				
		WARNING: Various products requiring Safety Data Sheets (SDS) may be utilized during the performance of the procedures in this bulletin. Ensure the current SDS for each product used is on file and available to all employees. When reordering such a product, it is suggested that current SDS be requested. Refer to SDS for appropriate personal protective equipment.				
OPERATIONAL: GENERAL	2.	<ol> <li>Monitor Equipment Condition.</li> <li>Check Maintenance log book for any outstanding issues.</li> <li>Ask operators (facers and sweepers) and operations supervisor if they are aware of any equipment problems. Investigate reported problems.</li> </ol>	5	10		Т

U.S. Postal	Service					IDENTIFICA	TION				
Maintenance	Check	liet	WORK		EQUIPMENT		CI		NU	MBER	TYPE
Maintenance	Oneen	iiist		SPS	S				0	0 2	М
Equipment Nomenclature	е		Equipmen	t Model		Bulletin Fil	ename	//	Occurre	nce	101
Small Parcel Sort	tation S	System		Pilot Syste	m	mm	15120			Tour	
Part or	Item		Task S	statement and	Instruction	,	Est.	Min.		Threshold	s
Component	NO	()	Comply with	all current sa	tety precautio	ons)	Rea	Lev	Run Hours	Pieces Fed	Freq.
							(min)		Tiodio	(000)	
	2	Chook El		rt Controll	or Compu	tor	5	10			Т
EMPCS SORT	5.	Maintena	ance Ren	orts	er compu	lei	5	10			
CONTROLLER		1. Run chec	Maintena k for ano	ance Report malies.	t on All Dev	vices to					
		2. Run	Condition	n Report on	All Device	s to					
		chec	ck for ano	malies.							
		3. Run	Tour Mai	ntenance L	ong Repor	t to					
		chec	ck for reod	ccurring and	omalies, su	ich as					
		or C	losina De	vice faults.	lex Sensor	enors,					
	1	Chock O	VIS Cont	rollar Com	nutor		5	10			
RACK COMPUTER	4.	Check O			iputer.		5	10			
		CAUTIO	N: Limit t	he time tha	at the OVIS	S Rack					
		door is o	the rack	compone	ntering of nts while t	air he door					
		is open.		compone							
		Check the Interface/	e OVIS G 'Homescr	UI (Graphic een) displa	cal User y status of	the					
		1. Che	ck that the	e system in	dicator ico	ns on the					
		ноп	iescreen a	are green.							
		2. If an oper addi parti	icon on t n the View tional info cular erro	he Homesc v Messages ormation ab or message.	creen is not s window to out the sta	green, o obtain tus or					
		3. The Disp oran heal disp foun	OVIS ico lay will ch ige, red) c th status. lay the sa d on the (	n on the FM hange color depending c The graph me error/st OVIS Mess	IPCS Grap , (green, ye on the OVIS lics screen atus messa age window	ohics ellow, S System will age w.					
INDUCT:	5.	Check In	duction	Stations.			10	09			Т
INDUCTION STATION		1. Che dam	ck the Ind age. Obs	luction Line serve prope	conveyor r tracking o	belts for of belts.					
		2. Che lint fi nece	ck Dimen ree cloth essary.	sioner for d or microfibe	ebris, clea er glove if	n with a					
		3. Che parc and sligh	ck inducti els on ca weights s itly forwar	on for proper rrier cells. Aould be ce d of center	er positioni All sizes, s entered late longitudina	ng of hapes, erally and ally.					

MMO-115-17							Ma	inte	ena	nce	Tech	nnica	al Su	рро	rt C	enter
U.S. Postal Service								IDE	NTIF	ICATI	ON					
Maintenance Checklist	WC CO	IDENTIFICATION       WORK     EQUIPMENT     CLASS     NUMBER       CODE     ACRONYM     CODE       0     9     S     P     S       Equipment Model     Bulletin Filename     Occurrence											TYPE			
	0	9	S	Ρ	S	S					А	Α	0	0	2	М
Equipment Nomenclature	Equ	ipmer	nt Mo	del				B	ulletir	n Filer	name		Occurr	ence		
Small Parcel Sortation System			Pilo	ot Sy	/ster	n			r	nm1	5120			Т	our	

Part or Component	ltem No	Task Statement and Instruction (Comply with all current safety precautions)	Est. Time Req (min)	Min. Skill Lev	Run Hours	Threshold Pieces Fed (000)	s Freq.
		4. Note any discrepancies in log book and initiate corrective action.					
SORTER	6.	<ol> <li>Monitor Sorter Operation.</li> <li>Check for proper operation of the trays. Ensure they open completely.</li> </ol>	10	09			Т
		<ol> <li>Check tray closing operation as the trays pass through the tray closing device brushes, ensure the trays close and latch properly.</li> </ol>					

# ATTACHMENT 4

## SPSS MASTER CHECKLIST

03-SPSS-BA-003-M

CLASS CODE = BA

U.S. Postal Service								IDE	INTIF	ICAT	ION						
Maintenance Checklist	WC CC	DRK DE			E		PMEN <sup>-</sup> DNYM	Г			CLA CO	ASS DE	1	IUMI	BEI	R	TYPE
	0	3	S	Ρ	S	S					В	Α	0	0		3	М
Equipment Nomenclature	Equ	ipmeı	nt Mo	del				В	ulletir	n Filer	name		Occu	rrenc	e		
Small Parcel Sortation System									n	nm1	5120						

Part or	Item	Task Statement and Instruction	Est.	Min.		Threshold	s
Component	No	(Comply with all current safety precautions)	Time	Skill	Run	Pieces	Freq.
			Req	Lev	Hours	Fed	
			(min)			(000)	

SAFETY STATEMENT	1.	WARNING: COMPLY WITH ALL SAFETY PRECAUTIONS. Disconnect power and apply lockouts when required by this instruction. Refer to current local lockout procedures to properly shut	1	ALL		D
		suspicious dust or unusual debris. If any unusual substance is found notify supervisor prior to proceeding with any further action on the equipment.				
		WARNING: THE USE OF COMPRESSED OR BLOWN AIR IS PROHIBITED. When cleaning is required, an alternative cleaning method such as a HEPA filtered vacuum cleaner or a damp rag must be used in place of compressed or blown air. A lint- free cloth or brush may be used on optical equipment only when other cleaning methods cannot be used. Report safety deficiencies to your supervisor immediately upon detection.				
		WARNING FOR EWP/PPE: Steps contained in this bulletin may require the use of Electrical Work Plan (EWP) Personal Protective Equipment (PPE). Refer to the current EWP MMO for appropriate EWP PPE and barricade requirements.				
		WARNING: Various products requiring Safety Data Sheets (SDS) may be utilized during the performance of the procedures in this bulletin. Ensure the current SDS for each product used is on file and available to all employees. When reordering such a product, it is suggested that current SDS be requested. Refer to SDS for appropriate personal protective equipment.				
SPSS	2. **	Power Down And Lock Out Power.	5	ALL		D
		<b>NOTE:</b> Soft-reboot of the computers in the OVIS RACK is not needed when complying with the current Maintenance Management Order (MMO) providing lockout/restore procedures.				
		Power down the machine and lock out its power as prescribed by the current local lockout instructions providing lockout/restore procedures.				

U.S. Postal	Service				IDEN	TIFICAT	ION				-
			WORK	EQUIPI	MENT		CL	ASS	NU	MBER	TYPE
Waintenance	Cneck	list	CODE	ACRO	NYM	-	C(	ODE		0 0	
E avvia ar a transmission a la transmission de			0 3 S			Latin File	В	A	0	0 3	М
Small Parcel Sor	e tation S	vstem	Equipment iv	lodel	Bui	mm1	name		Occurre	nce	
		yotom					0120				
Part or	ltem		Task Stat	tement and Instruct	ion		Fst	Min		Threshold	ls
Component	No		(Comply with al	l current safety pre	cautions)		Time	Skill	Run	Pieces	Freq.
							Req	Lev	Hours	Fed	
							(11111)			(000)	
		Referen	ce MTSC	SPSS page,	PM S	ource					
		Docume	ntation, SI	PSS Start U	p/Shut	Down					
	0 **	Folder, I	Maintenance	e Training Less	on 5.		40	10			
FMPCS	3. **	Shut Do	own and Re	start FMPCS P	rogram.		10	10			D
		1. On Me Pro	the FMPCS nu, press <b>S</b> gram.	Site Utilities S to shut dow	creen [0] n the FN	Main MPCS					
		2. Wh dis	en the "FM played press	IPCS is down Enter to contir	" messa iue.	ige is					
		3. On Me pro	the FMPCS nu, press gram.	Site Utilities S <b>R</b> to restart	creen [0] the FN	Main MPCS					
ALL PURPOSE	4. **	Perform	Mail Searc	:h.			15	07			D
		1. Che incl	eck the area ine conveyo	between the A r for mail.	PCU and	l the					
(AFCO)		2. Che	eck all guard	ls are in place.							
		3. Ret the	urn all mail proper mail	found during m path.	ail search	n to					
ALL PURPOSE	5.	Entry P	hoto Eyes.				10	07			W
		1. Cle AP	an entry pho CU.	otoeyes and ref	lectors or	n the					
(AFCU)		2. Ger def	nerate a woi iciencies.	k order to addr	ess any						
ALL PURPOSE	6.	Check F	Ivdraulic Li	nes.			25	09			W
CONTAINER UNLOADER		1. Che hos	eck the conc ses and fittin	lition of all hydr gs for leaks.	aulic cylir	nder	_•				
(AF 00)		2. Che unit Loc falli whi	eck condition t hoses and ok for damag ng parcels, ch could cau	n of the hydraul fittings. Check je caused by fo or abrasion by use a future lea	ic reserve for leaks ot traffic, moving p k to occu	oir arts ır.					
		3. Ger def	nerate a wor iciencies.	k order to addr	ess any						
ALL PURPOSE	7. **	Check F	or Signs O	f Wear.			25	09			М
CONTAINER UNLOADER (APCU)		1. Che sigi	eck the mair ns of wear.	n pivot pins and	bushings	s for					
(		2. Che sigi	eck cylinder ns of wear.	clevis pins and	bushings	s for					
		3. Che	eck Unloade	<u>r frame</u> for dan	nage or lo	ose					

Maintenance	Check	list	CODE			VIEN I NYM		C	ODE	NU	MREK	TYPE
			0 3	S P	S S			B	A	0	0 3	Μ
Equipment Nomenclature	e Luite o		Equipmer	nt Model			Bulletin File	ename		Occurre	nce	
Small Parcel Sor	tation S	ystem					mm	15120				
Davit a	14 -		<b>-</b> ·	04-4	and been the				N 41.		These l	-
Part or Component	Item No	((	⊺ask Complv wit	Statement h all curre	and Instruct	tion cautior	ıs)	Est. Time	Min. Skill	Run	Pieces	s Frea
		, ,	- 13		,,		,	Req	Lev	Hours	Fed	
								(min)			(000)	
		floor	r anchors	. Check	c for crack	s and	metal					
		fatig	jue at piv	ot points	s and nea	r weld	ls. Verify					
		clev	is pin ret	aining h	ardware is	s in pl	ace and					
		seci	ure.									
		4. Che stop	eck for da os.	maged	or missing	g cont	ainer					
		5. Gen	ierate a v	vork ord	er to addr	ess a	ny					
				0000		0						
		Reference	tation SC	SPSS p	age, PM	Sourc						
		Operatin	g and Ma	aintenan	ce Manua	ıl.	, A 00					
	8 **	Check H	vdraulio	Fluid				15	ng			М
CONTAINER	0.					6 . l		10	00			101
UNLOADER		warnin soaked i	IG: DISC material	ard or d	ispose of ting to SI	r cner DS an	nical nd in					
(APCU)		accorda	nce with	local p	rocedure	s.						
		1 Che	ck the h	, draulic t	fluid level	usina	sight					
		glas	s while t	he unloa	ider is in t	he lov	vered					
		posi	ition.									
		2. Che	ck fluid f	or evide	nce of wa	ter						
		cont	taminatic	n (cloud	y), discolo	oratio	n from					
		over	rheating,	unusua	l odor, and	d/or e	XCessive					
			iculates i	examine · ·			//////////////////////////////////////					
		3. Che Clea	еск reser an or rep	lace as r	necessary	eathe ′.	er/fill cap.					
		4. Add Hyd	fluid as raulic Oi	necessa I.	ry. Use C	CITGC	) AW 32					
		Reference	e MTSC	SPSS p	age, PM	Sourc	e					
		Documer	ntation, S	Southwoi	rth APCU	Folde	er, APCU					
		Operating	g and Ma	aintenan	ce Manua	ıl.						
ALL PURPOSE	9.	Change	Hydraul	ic Fluid				300	07			S
		WARNIN	IG: Disc	ard or d	ispose of	f cher	nical					
(APCU)		soaked r accorda	material: nce with	s accoro local p	ding to SI	DS an s.	nd in					
		Change I	hydraulic	fluid an	d filter.							
		1. Ren 15 g	nove old gallons of	hydrauli f CITGO	c fluid and AW 32 H	d repla ydrau	ace using Ilic Oil.					
		2. Rep	lace oil f 0.	ilter elen	nent, PSN	1 3920	)-10-000-					
		Reference	e MTSC	<u>SPSS</u> p	oage <u>, PM</u>	<u>Sour</u> c	;e					

CLASS NUMBER TYPE

MMO-115-17

U.S. Postal Service

WORK

EQUIPMENT

U.S. Postal	Service						IDENTIFICA	TION				
Maintenance	Check	list	WORK		E		T	CL	ASS	NU	MBER	TYPE
			0 3	S P	S	S		B	A	0	0 3	М
Equipment Nomenclatur	e		Equipme	nt Model	•		Bulletin File	ename		Occurre	nce	
Small Parcel Sor	tation S	ystem					mm	15120				
Part or	ltem		Task	Statement	and I	nstruction		Fst	Min		Threshold	c
Component	No	(	Comply wit	th all curre	nt safe	ety precaut	ions)	Time	Skill	Run	Pieces	Freq.
								Req (min)	Lev	Hours	Fed (000)	
R								\ /	1		(000)	
		Docume Operatin	ntation, S ig and Ma	Southwoi aintenan	rth A ce M	PCU Fol Ianual.	der, APCU					
INCLINE	10.**	Perform	Mail Se	arch				10	07			D
CONVEYOR		1. Che the	eck for m bottom c	ailpieces of the cor	s at th nveye	ne top an or.	d around					
		2. Ret the	urn all m proper m	ail found nail path.	duri	ng mail s	earch to					
	11.**	Belts, S	prockets	. Wear	Strin	s. and R	ollers	300	09			0
CONVEYOR		NOTE: F the hing conveyo	Perform ti le rods a r belts.	he follow and ope	ving t ning	asks afte the Bul	er removing k Handling					
		1. Vac hea end	cuum and id end ar l of conve	d clean nd the id eyor.	driv ller v	e sprock vheels or	tets at the the lower					
		2. Che wea	eck drive ar.	sprocke	ets a	nd idler	wheels for					
		a.	Sprocke shaft w	ets shou here teel	ld be th en	in conta gage the	act with the belt.					
		b.	Replace gap of betwee related	e sprock <sup>:</sup> more n any sp shaft.	kets than prock	or whee ı 2 mm et and w	ls when a develops heel on the					
		3. Che are	eck that t engagine	he Bulk g with the	Hano e bel	dling con	veyor cogs s.					
		4. Che dete	eck wear eriorating	strips f	for s ons.	igns of a	cracks and					
		5. Che dan	eck unde nage.	er side	of	belts for	r signs of					
		6. Che clea	eck that a an and sp	all Bulk H binning fr	-land eely	lling Line	rollers are					
		Reference Docume Maintena Conveyo	ce MTS ntation, ance Tra or.	C SPS Incline ining Le	S p Con sson	bage, P iveyor F ⊨8A, Bul	M Source older, SH k Handling					
	12.**	Bulk Ha	ndling C	onveyo	r			25	09			S
CONVEYOR		1. Mea belt	asure the section t	e Bulk Ha to sectio	andlir n for	ng Line c pitch elo	onveyor ngation.					
		2. Ger	<u>nerate</u> a v	<u>work or</u> d	<u>er to</u>	address	any					

MMO-12	15-17
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U.S. Posta	Service					
		WORK EQUIPMENT	CL	ASS	NUMBER	TYPE
Maintenance	Check	IST CODE ACRONYM	C	ODE		
Equipment Nemonelatur	ro	0 3 S P S S Bulletin File	B	A		3 M
Small Parcel So	rtation S	vstem mm <sup>2</sup>	15120		Occurrence	
Part or	Item	Task Statement and Instruction	Est.	Min.	Thresh	olds
Component	No	(Comply with all current safety precautions)	Time	Skill	Run Piece	s Freq.
			(min)	LCV	(000	)
				1	1 1	
		deficiencies.				
		Reference MTSC SPSS page, PM Source				
		Documentation, Intralox Conveyors Folder,				
		Instruction Handbook Modular Plastic Belt				
		instructions.				
	10	Control Dhotoouco	25	07		10/
	13.	Control Photoeyes.	25	07		vv
0011121011		Clean the three (3) (Head End, Call, and Full)				
		control photoeyes and reflectors controlling the				
		buik handling Line conveyor with init nee cloth.				
		Reference MTSC SPSS page, PM Source				
		Documentation, Incline Conveyor Folder, SH Maintenance Training Lesson 84 Bulk Handling				
		Conveyor.				
	14	Statia Ballar Convoyor	25	07		N/
CONVEYOR	14.		25	07		IVI
0011121011		<ol> <li>Vacuum the Static Roller Conveyor using a soft brush attachment.</li> </ol>				
		<ol> <li>Check the conveyor for damage or missing rollers.</li> </ol>				
INDUCTION	15.**	Perform Mail Search.	10	07		D
PLATFORM		1 Check for mailpieces around the induction				
		line conveyors and platform.				
		2. Return all mail found during mail search to the proper mail path.				
INDUCTION	16.**	Kore Sensors and Dimensioner.	10	07		D
CONVEYOR		1. Clean Kore Sensors with lint free cloth.				
		2. Clean Dimensioner light curtains and Kore				
		strip LEDs using a lint free cloth or microfiber glove.				
		Reference MTSC SPSS page, PM Source				
		Documentation, Interoll Conveyors Folder, SH				
		Maintenance Training Lesson 8B.				
INDUCTION	17.	Transition Plates.	15	07		W
		1. Clean the Induction Line to Sorter transition				
		plates with a general purpose cleaner and				
		cloth.				
		2. Clean the Induction Jam Sensor emitter and receiver with a lint free cloth or microfiber				

U.S. Postal	Service						IDENTIFICATION									
Maintenance	Check	list	WORK CODE		EQUIP ACRC	MENT NYM		CL	LASS ODE	NU	MBER	TYPE				
			0 3	S P	S S			B	A	0	NUMBER     T       0     0     3       ccurrence					
Equipment Nomenclatur	e tation C		Equipme	nt Model			Bulletin Fil	ename		Occurre	ence					
Small Parcel Sol	tation S	stem						19120								
Part or	ltem		Task	Statement	and Instruc	tion		Fst	Min		Threshold	s				
Component	No	((	Comply wit	th all curre	nt safety pr	ecautio	ns)	Time	Skill	Run	Pieces	Freq.				
								(min)	Lev	Hours	Fed (000)					
•								1	1							
		gio.	ve.													
		3. Che	ck the tr	ansition	plates for	dama	age.									
		4. Gen	ierate a v	work ord	er to add	ress a	any									
		der														
INDUCTION	18.	Inductio	n Powei	r Panels	•			15	07			Q				
		Clean the fan hous	e air filte ings.	rs in the	Induction	Powe	er Panel									
		Reference	ce the M	TSC SP	SS page,	PM S	Source									
		Docume	ntation, I	Maintena	ance Trai	ning										
		Lesson 1	lics Fold 10.	er, SH IV	amenan	ce Ira	aining									
SORTER	19.**	Perform	Mail Se	arch.				20	07			D				
		1. Che aro	ck the a und all d	reas for lischarge	mail in, b chutes.	eneatl	h, and									
		2. Che sort	ck for m ter.	ail in the	mainten	ance a	alley of									
		3. Che	ck the a	reas aro	und Turn	s 1 & :	2.									
		4. Che Clo	ck the a sing Dev	rea near /ice.	and arou	nd the	e Tray									
		5. Retu the	urn all m proper n	ail found nail path	during m	ail se	arch to									
SORTER	20.**	Article E Product	etween Stuck ir	Tray (A n Tray (I	BT), PST) Arra	iys.		15	07			W				
		Clean the Stuck in each of t free cloth	e Article Tray pho he ABT\l n or micro	Betweer otoeye er PST arra ofiber glo	n Tray an mitters ar ays, (3 tot ove.	d Proo d reco al) wit	duct eivers for th a lint									
SORTER	21.**	Hanging	Produc	t Photo	eyes and	Refle	ectors.	4	07			W				
		Clean th Reflector or microf	e Hangir rs, near fiber glov	ng Produ Turns 1 /e.	ict Photoe & 2 with a	eyes a i lint fi	and ree cloth									
SORTER	22.	Chute Ja	am Sens		10	07			W							
		Clean the receivers a lint free	e Chute located cloth or	Jam 1-4 on both microfit	Photoeye sides of per glove.	e emit he so	ters and orter, with									
SORTER	23.**	Split Tra	ys.					60	09			Μ				

U.S. Posta	U.S. Postal Service IDENTIFICATION															
Maintenanc	e Check	list	WORK CODE			EQU ACI	IPMENT RONYM			CI C	_ASS ODE	N	NUMBER     Theorem       0     0     3       Occurrence     Intersholds       Run     Pieces       Fed     Fed       (000)     Intersholds			
			0 3	S	Ρ	S S				В	A	0	0	3	М	
Equipment Nomenclate Small Parcel Sc	ure ortation S	System	Equipme	nt Mod	lel			E	Bulletin File mm	ename 15120		Occur	ence	9		
Part or	Item		Task	Statem	nent a	nd Insti	uction		-	Est.	Min.		Thr	eshold	S	
Component	No		(Comply wi	th all ci	urrent	safety	precautio	onsj	)	Time Req (min)	Skill Lev	Run Hours	Pi I	ieces Fed 000)	Freq.	
		1. Che pro	eck the tr perly sea	ay bu ted.	Impe	rs are	preser	nt a	and							
		2. Che dar	eck the tr naged, st	ay sh traigh	ock a t not	absorl leakir	per is n Ig oil.	ot								
		3. Che sec	eck the shock absorber impact block is urely mounted.													
		4. Che mo	eck the tr unted, ar	ck the tray spring support rod is securel nted, and the tray spring is present.												
		5. Che	eck the condition of the drive plates.													
		6. Che	eck mour sure that	nting p the dr	ooint ive p	s for c blate is	racks a straig	anc ht.	ł							
		7. Che sec	eck the T surely mo	ray 1 unted	Dete I.	ection	Magne	et is	6							
		8. Ger def	nerate a iciencies.	work	orde	r to ac	dress	any	y							
SORTER	24	Anti-Sta	tic Brus	hes						1	09				W	
CONTER	27.	1. Che	eck the a	nti-sta	atic b	orushe	s for da	am	ade.						vv	
		2. The cor	e brushes itact with	s shou the s	uld be ide c	e intac of the s	t and r	en y c	nain in arrier.							
		3. Gei def	Generate a work order to address any deficiencies.						y							
		Referen Docume Mainten	nce the MTSC SPSS page, PM Source nentation, SPSS Sorter Folder, SH nance Training Lesson 8D.													
SORTER	25.**	Tray Clo	ay Closing Device.							5	09				W	
		1. Che	eck Tray	Closi	ng B	rushe	s for da	ama	age.							
		2. Me len	asure bru gth is 15	ush le mm.	ngth Rep	; minir lace b	num br rush as	rus s n	h eeded.							

Actuate both closing brushes to check for

Check both gas spring mounting blocks are

Check both closing device hinges for signs of wear and are properly secured to the

Generate a work order to address any

Reference the MTSC SPSS page, PM Source

secured to the retractable arms.

proper operation.

retractable arms.

deficiencies.

## Maintenance Technical Support Center

3.

4.

5.

6.

U.S. Postal Service								IDE	NTIF	ICATI	ON						
	WC	DRK			E	QUIF	PMEN	Г			CLA	١SS		NU	JMBE	ER	TYPE
Maintenance Checklist	CO	DE				ACRO	DNYM				CO	DE					
	0	3	S	Ρ	S	S					В	Α		0	0	3	М
Equipment Nomenclature	Equ	ipmer	nt Mo	del				В	ulletir	n Filer	name		00	ccurre	ence		
Small Parcel Sortation System									r	nm1	5120						

Part or	Item	Task Statement and Instruction	Est.	Min.		Threshold	S
Component	No	(Comply with all current safety precautions)	Time	Skill	Run	Pieces	Freq.
			(min)	Lev	Hours	Fed (000)	
		l	(·····)			(000)	
		Documentation, SPSS Sorter Folder, SH					
		Maintenance Training Lesson 8D.					
SORTER	26.**	Tray Support Belts.	10	09			М
		<ol> <li>Check induction support belts for fraying and signs of damage.</li> </ol>					
		<ol> <li>Check the belt guides for signs of damage and remove any built up debris.</li> </ol>					
		<ol><li>Check the induction support drive motor and gearbox for signs of leaks.</li></ol>					
		<ol> <li>Ensure the drive and idler pulleys are secure.</li> </ol>					
		<ol> <li>Check belt idle rollers are secure, free of debris, and spin freely. Check for flat spots on wheels. Generate a work order to address any deficiencies.</li> </ol>					
		Reference the MTSC SPSS page, PM Source Documentation, SPSS Sorter Folder, SH Maintenance Training Lesson 8D.					
SORTER	27.**	Sorter Drive Motor(s) Hardware.	40	09			М
		<ol> <li>Loosen the top 2 screws and remove the bottom 2 screws to remove the back panel safety cover, and check overall drive motor assembly for loose or missing hardware.</li> </ol>					
		<ol> <li>Check power cable conduit for signs of damage and cracks, and conduit connections are secured and tight.</li> </ol>					
		<ol> <li>Check friction and drive rollers for damage and cracks.</li> </ol>					
		<ol> <li>Check drive and timing belts for fraying, cracks, or signs of damage.</li> </ol>					
		<ol><li>Check the tensioner assembly and ensure tension spring is secure.</li></ol>					
		<ol> <li>On the drive motor assembly hosting the encoder, check that the encoder mounting bracket is secured, and cable connection is tight.</li> </ol>					
		<ol> <li>Replace back panel safety panel cover. Reinstall 2 screws on the back panel safety cover and tighten and secure all 4 panel</li> </ol>					

U.S. Postal Se	ervice							IDE	ENTIFIC	CATIC	NC						
Maintenance C	heck	list	WORK			E			Г		T	CL		N	JMB	BER	TYPE
			0 3	S	Р	S	S	VIN T IVI			$\dashv$	B		0	0	3	М
Equipment Nomenclature Small Parcel Sortat	tion S	ystem	Equipmer	nt Mo	del				E	Bulletin I m	Filen: m15	ame 5120		Occurr	ence	e la construction de la construc	
Part or Component	ltem No	((	Task Comply wit	State h all o	ment currer	and I nt safe	nstruc ety pr	tion ecautio	ons	)	1	Est. Time Req	Min. Skill Lev	Run Hours	Thr P	reshold ieces Fed	s Freq.
											(	min)			(	000)	
		mou 8. Gen defic *Est asse	nting screws. erate a work order to address any ciencies. imated time includes 4 Drive motor emblies total.														
SORTER 28	8.**	Destinat 1. Che sec 2. Che con 3. Cle	nation Chute Full Sensor. Check destination chute full sensor is securely mounted to the mounting plate. Check sensor cable Quick disconnect connection is secured to sensor. Clean the chute full sensor using a lint free clean the chute full sensor using a lint free							s ate. ct nt free		1**	09				M

		<ol> <li>Clean the chute full sensor using a lint free cloth or microfiber glove.</li> <li>Generate a work order to address any deficiencies.</li> <li>* Time per group of 4 destination chute groups.</li> </ol>				
SORTER	29.**	Main Electrical Cabinet.	4	07		Q
		Clean the air filters in the Main Electrical Panel fan housings.				
		Replacement filter:				
		PSN: 5915-17-000-6214				
		Outlet Filter, NEMA 12, 204x204mm.				
		Reference the MTSC SPSS page, PM Source Documentation, SPSS Sorter Folder, SPSS- 1493-Fan documentation.				
SORTER	30.	Destination Chutes.	15	09		Q
		1. Check the destination chute surfaces for any damage.				
		<ol> <li>Generate a work order to address any deficiencies.</li> </ol>				
SORTER	31.**	Carrier Tray Track.	30	09		S
		<ol> <li>Check the Sorter curve track sections in turn 1 and turn 2 for indications of carrier tray wheel induced wear.</li> </ol>				
		<ol> <li>Clear the 2 debris slots in each turn 1 and turn 2.</li> </ol>				
		3. Check the Sorter carrier track sections				

U.S. Postal Service IDENTIFICATION													
Maintenance	Check	list	WORK CODE		E	QUIPM	IENT IYM		CL	.ASS ODE	NU	MBER	TYPE
			0 3	S P	S	S			В	Α	0	0 3	М
Equipment Nomenclature	e etion S	vetem	Equipme	nt Model	_			Bulletin File	ename		Occurre	ence	
Siliali Falcei Solt	auon o	ystem						11111	13120				
Part or	Item		Task	Statement	and I	nstructi	on		Est.	Min.		Threshold	s
Component	No	(0	Comply wit	th all curre	nt saf	ety prec	autior	is)	Time	Skill	Run	Pieces	Freq.
									(min)	Lev	Hours	Fed (000)	
		£-11.		- Driver I	lus it a	£		L	1				
		tolic	el induc	e Drive ( ed wear	Jnits	tor ca	rrier	tray					
		4 0				م ما ما بر م							
		4. Gen defi	iciencies	work ora	er to	addre	ess a	ny					
		Gen		•									
SORTER	32.**	Carrier T	rain Te	nsion.					15	09			А
		1. Mea	sure the	Carrier	train	for pr	oper	tension.					
		2. Veri	fy the te	nsion is l	betw	een 3	5&4	5 kg.					
		3. Rep	lace car	rier links	(PS	N 391	5-17-	000-					
		6319	9) if tens	ion is be	low	35 kg.							
		Refer to t	the Euro	sort Mai	ntena	ance M	Manu	al,					
		Section 3	3.3.3.										
FMPCS	33.	FMPCS (	Comput	er Cabir	net.				10	07			М
COMPUTER		1. Vac inclu	uum th Iding the	e FMP top of e	CS each	comp device	outer Ə.	cabinet					
		2. Clea Cim as r	an the plicity co necessar	air filter omputer y.	r on chas	the ssis.	FMF Repla	PCS and ace Filter					
PSOC	34.**	Clean Ov	verhead	Camera	a Cle	ar Co	ver.		5	07			М
		CAUTIO	N: The g nough t	jlass us o break	ed ir if pr	n this essur	syst e is a	em is applied.					
		NOTE: D misting o streak-fre	o not sp f the clot ee glass	oray the e th is requ cleaner.	equip uired	oment. . Opti	Onl onall	y a y, use a					
		1. Usir unde lens	ng a lint-f erside of and led	free cloth the clea array.	n, ge ar cov	ntly wi ver ov	ipe th er the	ie e camera					
		2. Use mois smu	a spray sten clot ldges.	bottle co h for wip	ning ta way s	ater to orn							
ITEM DETECTION	35.**	Clean Ite	m Dete	ction Ca	mer	as			10	07			Q
CAMERAS		1. Clea usin	an the In g a lint fi	Sen	sor								
		2. Clea lint f	an the Lo ree cloth	bad Verif n.	icatio	on Ser	nsor	using a					
OVIS RACK: RACK	36.	Replace	Air Filte	er.					5	07		1	Q
DOOR AIR FILTER		1. Rep 000-	lace two -7240).	) (2) air fi Use 18"	lters x 30	, (PSN " x 1"	l 413 filter	0-15- with					

## Maintenance Technical Support Center

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U.S. Postal	Service								IDE	ENTIFICAT	ION					
Maintenance	Check	list	WORK CODE			E		MENT			CL	ASS ODE	NL	MBEI	R	TYPE
			0 3	S	Ρ	S	S				В	Α	0	0	3	М
Equipment Nomenclature	е		Equipmer	nt Mo	del			· · · · ·	E	Bulletin File	name		Occurre	nce		
Small Parcel Sor	tation S	ystem								mm´	5120					
Part or	Item		Task	State	ment	and I	nstru	ction			Est.	Min.		Thres	shold	S
Component	No	(0	Comply wit	h all c	curren	t saf	ety pr	ecautio	ons)	)	Time	Skill	Run	Piec	ces	Freq.
											Req (min)	Lev	Hours	Fe (00	ed	
	1										(11111)			(00)	0)	
		MER	RV 8 rati	าต										1		
		111	heck the 12 exhaust fans on the rear o													
		2. Che	heck the 12 exhaust fans on the rear VIS cabinet to ensure fans are runnin							r of the						
		OVI	VIS cabinet to ensure fans are runnin							ing.						
OPERATION	37.**	Restore	ore Equipment To Service.								5	ALL				D
GENERAL		WARNIN or on eq applied.	ore Equipment To Service. NING: Be cautious when working arc n equipment when power has been ied.													
		Restore current lo procedur	power to ocal proc res.	equ edu	iipme res p	ent a provi	as pr ding	escrib locko	bec but	d by the /restore						
		Reference Docume Folder, S Up.	cedures. ference MTSC SPSS page, PM Sou cumentation, SPSS Start Up – Shut Do der, SH Maintenance Training Lesson 5 S <sup>.</sup>													
OPERATIONAL	38.**	(Power C	Dn)								10	07				W
APCU		Check U operatio	nloader n.	Ent	ry Pl	hoto	beye	s for	pr	oper						
		1. Plac	e the mo	ode s	selec	tion	swi	ch to	Αι	uto.						

- a. With the unloader in the fully lowered position, push and hold the **UP** button for up to 5 seconds to begin operation.
- b. Check the amber stack light flash and horn pulse for up to 5 seconds prior to unloader movement.
  During movement, block each unloader entry photoeyes individually (3) and check

2.

- that the unloader stops.
  a. Check that that the Guard Reset amber pushbutton is illuminated.
  b. Press the Guard Reset pushbutton to clear the fault.
  c. Press the Up pushbutton to restart cycle.
  3. Lower unloader to the fully lowered position when completed.
- Note any deficiencies and report them to supervisor.
   Reference the MTSC SPSS page, PM Source

U.S. Postal			1				IDENTIFICA	TION						
Maintenance	Check	list	W0 C0	ORK ODE		E	EQUIP ACRC	MENT NYM		CL	LASS ODE	NU	MBER	TYPE
			0	3	S P	S	S			B	A	0	0 3	Μ
Equipment Nomenclatur	e		Equ	uipmer	nt Model			•	Bulletin Fi	ename		Occurre	nce	
Small Parcel Sor	tation S	ystem							mm	15120				
	14	1		Tarle	Otot	المتعام ا	lun a toor i	ti a v		<b>F</b> - 4	N 42		These - I I	
Component	No		(Com	ply wit	Statemen	t and ent saf	ety pre	ecautio	ns)	Est. Time	Skill	Run	Pieces	rea.
										Req	Lev	Hours	Fed	
L										(11111)	I		(000)	L
		Docum	nentat	ion, S	Southwo	orth /		Fold	er, APCU					
		Operat	ung ar	nd Ma	aintena	nce N	vianu	al.						
OPERATIONAL	39.**	(Powe	r On)							10	09			М
APCU		) Unioad	, der F-	Ston	s									
				D			• · · · ·	o #1+1++	a anar					
		WARN or on	ING: equ	Be c Jipme	autious ent wh	s wh nen	en w pow	orkin er h	g around as been					
		applie	d. So	ome	of the	follo	wing	task	s require					
		that precai	une Itions	mac s to	Dreven	ue tha	runr ir. cl	ung. Iothir	iake a. tools					
		and te	est e	quip	ment	from	bei	ng c	aught in					
		movin	ving parts.											
		NOTE:	The /	J Unloa	der E	E-Sto	p is lo	ocal to the						
		individu control	ual un pane	er and r	eport	s dire	ectly t	o the						
		1. PI	Place the operational mode switch in Aut											
		2. W po to	ith the osition 5 sec	e unic , pus conds	bader in th and h to beg	the t old t in op	fully l he <b>Ul</b> eratio	owere • butt on.	ed on for up					
		a.	Ch hoi unl	ieck t rn pu loade	he amb lse for ι er move	er sta up to ment	ack li 5 seo	ght fla conds	ash and prior to					
		3. Di St ar	uring t op Pu nd che	the ui ishbu eck th	nloader utton on nat the ι	mov the / inloa	emer APCL der s	nt, pu: J Con tops.	sh the E- trol Panel					
		4. Cl lig ar of	heck t  ht cor nd the f.	he E mes c E-St	-Stop R on in the op rese	eset e Em t pus	push erger hbutt	butto ncy S con lig	n lamp top switch ht goes					
		5. Pu Re sv pu ap	Pull E-Stop switch out and press E-stop Reset pushbutton. Check the E-Stop reset switch lamp comes on, and the Guard Rese pushbutton lamp comes on after approximately 5-10 seconds.						stop op reset ard Reset					
		6. Pr ur	ress th nIoade	ne gu er ent	ard restry photo	et pu beyes	shbu s.	tton to	o reset					
		7. Pr th	ress th e fully	ne <b>Do</b> V lowe	own but ered pos	ton to sition	o retu	ırn ur	loader to					
		NOTE: pushbu 8. Re	TE: The Remote Operator Terminal E-St hbutton switch is not illuminated. Repeat steps 1 thru 7 for the Remote											

<u>MMO</u>-115-17

U.S. Postal S	DENTIFICAT	ION		I							
Maintonanco	Check	liet	WORK	EQ	UIPMENT		CL	ASS	NU	MBER	TYPE
wantenance	CHECK	iist		AC Q D Q Q					0	0 2	N/
Equipment Nomenclature			Equipmen	nt Model		Bulletin File	name		Occurre	nce	IVI
Small Parcel Sorta	ation S	ystem				mm′	15120				
Part or	Item		Task	Statement and Ins	truction		Est.	Min.		Threshold	S
Component	No	(	Comply wit	h all current safety	precautior	is)	Time Reg	Skill	Run	Pieces	Freq.
							(min)	201	riours	(000)	
								1	1	I	I
		Ope	erator Ter	minal E-Stop p	oushbutto	on					
		SWI	icn.								
		9. Not	e any def	iciencies and r	eport the	em to					
		sup	ervisor.								
OPERATIONAL	40.**	(Power	On)				30	09			W
APCU		Check L	Jnloader	hvdraulic uni	t operati	on on					
		each Un	loader (2	2 people reco	mmende	d).					
		WARNIN	NG: Be c	autious when	working	around					
		or on	equipme	ent when p	ower ha	as been					
		applied.	Some	of the followi	ng tasks	s require					
		that th	ne mac	hine be ru	inning.	Take					
		precaut	ions to	prevent hair,	clothin	g, tools,					
		and tes	st equip narts	ment from a	being ca	augnt in					
		WARNI	NG: If the	e APCU press	the APC	Is are					
		be remo	ved fron	n service imm	ediately	and					
		repaired	1.								
		1 Visi	ually cheo	ck pump reser	voir filter	and all					
		con	nections	for leaking flui	d.	, and an					
		2 Wit	h I Inloadi	er empty oper	ate Unio:	ader and					
		lool	c for the f	ollowing:							
		2	Vorify s	o mooth lift perfo	rmance	during					
		а.	operatio	niooti int perio n.	mance	uunng					
		h	Observ	- motion of oo	h nivet n	in 9					
		D.		hecking for sic	ins of nin	or clevis					
			wear. If	f anv non-rotat	ional mot	ion of					
			the pin i	s discovered,	the clevis	bushing					
			should I	pe scheduled f	or replac	ement.					
		C.	Check f	loor mounting	points an	d verify					
			floor mo	ounting bolts ar	e secure						
		d.	d. Visually check gauges for damage.								
			Observ		processi						
		e.		e me nyuraulic ure indicated d	oes not f	, gauge. all within					
			ranges	below, initiate	corrective	e action.					
			Cho tunio	al omnty APC	II prese	uro					
		reading	ranges a	are as below:	0 11699						
			*01								
		•	Stage or	ie Till Up: 500	10/5	00 221					
		•	*Stage tw	o Dump Up: 7	00 PSI to	850 PSI					

U.S. Postal	Service					TION						
Maintenance	Check	list	WORK CODE		EQUIP ACRC	MENT		CL C	ASS ODE	NU	MBER	TYPE
			0 3	S P	S S			В	A	0	0 3	М
Equipment Nomenclature Small Parcel Sort	e tation S	lystem	Equipme	nt Model			Bulletin File	ename 15120		Occurre	nce	
		ystem						10120				
Part or	Item		Task	Statement	and Instruc	tion		Est.	Min.		Threshold	s
Component	No	(	Comply wi	th all curre	nt safety pro	ecautio	ns)	Time	Skill	Run	Pieces	Freq.
								Req (min)	Lev	Hours	Fed (000)	
	1	1					, ,	1			1	
		• *	Stage th	nree Dun I	וף Down:							
		• *	Stage fo	our Tilt D	own: 110	0 PSI	to 1450					
			he mavi	mum on	eratina pr	accur	o with					
		rated car	ne maxi bacitv sh	he maximum operating pressure with acity should be less than 1750 PSI. The								
		system r by the m	elease p anufactu	ressure Irer.	is pre-set	at 17	50 PSI					
		3. Note	e any de	ficiencie	s and rep	ort the	em to					
	11 **	(Dewer	<u>)</u>					10	00			14/
	41.""	(Power (	Jn)					10	09			vv
CONVEYOR		Check Ir tension	ncline Co and trac	onveyor :king.	<sup>·</sup> Belts fo	r proj	per					
		1. On Sele	the inclinector Sw	ie conve itch to th	yor, place e <b>ON</b> pos	e the 3 ition.	3-way Observe					
		2. Plac	ce the 3-	way sele	ector swite	ng. h to t	he <b>OFF</b>					
		posi	ition.	valle for y	Noar or o		ivo					
		build build sign	dup of pl is of imp	astic dus roper tra	st which v cking.	ould	indicate					
		4. Che thro of th The con	eck the b ugh the ne frame belt sag veyor fra	elt tensic viewing s , on both J should ime.	on by obs slot in the sides of not be be	erving lowe the fra low th	y belt sag, r section ame. ne incline					
		5. Ger defi	nerate a v ciencies.	work ord	er to add	ress a	iny					
		Referenc Docume Plastic B	ce the M <sup>-</sup> ntation, I elt Equip	TSC SPS ntralox Coment Ins	SS page, Conveyors struction	PM S s, Moo Handl	ource dular book.					
OPERATIONAL	42.	(Power (	(Power On)									W
INDUCT:		Check B	Check Belt Tracking, Tension, and Speed.									
– TIMING-STRIP BELT CONVEYORS		NOTE: O variation belt spee	Conveyor belt speeds have a speed of plus or minus (+/-) 2% of the nominal ed.									
		• +/- 4 fpm • +/- 7	4.4 fpm ( or 215.6 11.6 fpm	on induc to 224.4 on the	ction beli 4 fpm. strip beli	s list s list	ed at 220 ed at 290					

U.S. Postal	Service					IDENTIFICA	ΓΙΟΝ				
Maintonanco	Chack	liet	WORK		EQUIPMENT		CL	ASS	NU	MBER	TYPE
wantenance	SHECK	iiət		SPS			R		0	0 3	М
Equipment Nomenclatur	e		Equipme	nt Model		Bulletin File	ename		Occurre	nce	141
Small Parcel Sor	tation S	ystem				mm	15120				
Part or	Item		Task	Statement and	d Instruction		Est.	Min.	_	Threshold	s
Component	INO	(	Comply wil	th all current s	alety precautio	ns)	Req	Lev	Run Hours	Pieces Fed	Freq.
							(min)			(000)	
	1	frame	or 070 4	14- 204 0 5-						1	
		ipm	or 270.4	10 301.0 1	JIII						
		1. On Indu infe	the induc uct packa ed line.	ction line co age <b>Start</b> pu	ntrol panel, ushbutton to	push the start the					
		2. Che trac	eck Infee king and	d Belt conve I tension.	eyor for pro	per					
		3. Che (nor tach	eck the Ir minal 220 nometer.	nfeed Belt c 0 fpm) by us	onveyor spe sing the har	eed id held					
		4. Che trac	eck the S king and	cale Belt co I tension.	onveyor for	proper					
		5. Che (nor tach	eck the S minal 220 nometer.	cale Belt co 0 fpm) by us	onveyor spe sing the har	ed id-held					
		6. Che tens	eck the T sion and	iming Belt o tracking.	conveyor for	proper					
		7. Che (nor tach	eck the T minal 220 nometer.	iming Belt c 0 fpm) by us	conveyor sp sing the har	eed id held					
		8. Che trac	eck the S king and	trip Belt cor tension.	nveyor belt f	for proper					
		9. Che (nor tach	eck the S minal 290 nometer.	trip Belt Co 0 fpm) by นะ	nveyor spee sing a hand	ed held					
		10. Ger defi	nerate a v ciencies.	work order t	to address a	any					
		Reference Docume	ce the M <sup>-</sup> ntation, I	TSC SPSS nteroll Conv	page, PM S veyors folde	Source er.					
	43.**	(Power ( Check V	On) Veighing	g Accuracy			25	10			M
		Check th	ie Weigh	Scale syste	em for accu	racy.					
CONVEYOR		1. Pus on t	h the In he induc	iduct Packa	age <b>Stop</b> p ntrol panel.	ushbutton					
		2. Pres	<ol> <li>Press the Scale Stop button on the displa screen, to take scale offline.</li> </ol>								
		3. Usir mea cen	screen, to take scale offline. 3. Using 20 lb. (320 oz.) weight, observ measured weight in each corner, and in th center of scale conveyor.								
		4. Tro	<u>ublesho</u> o	ot scale if	tolerance i	s plus or					

U.S. Postal	Service				= 0.1		TION	4.0.2			T) (5-5	
Maintenance	Check	list	WORK CODE		EQL AC	IPMEN RONYM	I	CL	LASS ODE	NU	MBER	TYPE
			0 3	S P	S S			В	A	0	0 3	М
Equipment Nomenclature Small Parcel Sor	e tation S	System	Equipme	nt Model			Bulletin Fi	lename		Occurre	nce	
		yotom						110120				
Part or	Item		Task	Statement	and Inst	uction		Est.	Min.		Threshold	S
Component	No	(0	Comply wi	th all curre	nt safety	precauti	ons)	Time Req	Skill Lev	Run Hours	Pieces Fed	Freq.
								(min)			(000)	
		min	us (+/-) <sup>·</sup>	l ounce.								
		5. Gen defie	nerate a ciencies	work	order	to ad	dress any	,				
		Referenc	eference MTSC SPSS page, PM Sourc									
		Documer	ntation, ance Tra	Interoll	Conve sson 80	yors Scale	folder, SH					
SORTER	44.**	(Power C	On)			15	09			W		
		Check D both sid	estinati es of so	on Chut orter for	e Jam proper							
		WARNIN or on applied. that th precauti and tes moving	IG: Be of equipm Some ne mad ons to ons to t equip parts.	cautious ent wh of the f chine t prevent prevent fu	when en po ollowir be ru t hair, rom b	workin wer ng tas nning clothi eing	ng around has been ks require Take ng, tools caught in					
		sen:	sor, crea	iting a jai	m. stops	the re	d stack					
		z. che ligh	ts flash i	ndicating	g a chui	e jam.	USIACK					
		3. The chu Pre and	Cimplic te jam e ss the G start the	ity HMI d rror mes reen Sor e sorter.	lisplays sage, w ter Sta	a disc /hile ac rt push	harge ctive. button					
		4. Note sup	e any de ervisor.	ficiencie	s and re	eport tl	nem to					
SORTER	45.**	(Power 0 Destinat	⊃n) ion Chu	ite Conti	rol Swi	tches.		30	09			М
		1. Che Con illum	eck that a itrol swite ninate w	all Destin ches are hen place	ation C operat ed in th	hute G onal a e <b>Off</b> p	Group nd position.					
		2. Retu	. Return switch to the <b>On</b> position.									
		3. Che	3. Check that the switches are not damaged.									
		4. Gen defie	<ul> <li>Generate a work order to address any deficiencies.</li> </ul>									
SORTER	46.	(Power   Destinat	On) tion Chu	ite Full S	Sensor	S.		.5**	09			M

MMO-	11	5-1	17
		0-	

U.S. Postal Service	IDENTIFICATION															
Maintenance Checklist	WC	DRK			E		MEN	Т			CL/	ASS	N	UMBI	ER	TYPE
		DE				ACRU					CODE					
	0	3	S	Ρ	S	S					В	B A		0	3	Μ
Equipment Nomenclature Small Parcel Sortation System	Equ	ipmer	nt Mo	del				В	ulletir r	n Filer nm1	name 5120		Occuri	ence		

Part or	Item	Task Statement and Instruction	Est.	Min.		Threshold	S
Component	No	(Comply with all current safety precautions)	Time Req (min)	Skill Lev	Run Hours	Pieces Fed (000)	Freq.

		Check the Destination Chute Full Sensors for proper operation.				
		<ol> <li>With the sorter stopped, block the chute full sensor on the designated chute.</li> </ol>				
		<ol><li>Check the chute selector switch flashes indicating the chute is full.</li></ol>				
		<ol> <li>Generate a work order to address any deficiencies.</li> </ol>				
		* Time per group of 4 chute selector switches.				
SORTER	47.**	(Power On) Tray Closing Device.	5	09		М
		Check the Tray Closing Devices brushes for proper operation.				
		<ol> <li>With the sorter stopped, pull down and return one (1) closing brush.</li> </ol>				
		<ol> <li>Check that the alarm horn sounds and the red stack lights and MCP Sorter E-Stop indicator flash indicating a tray closing device fault.</li> </ol>				
		<ol> <li>Press the Turn 2 Fault reset button to clear fault.</li> </ol>				
		4. Press the <b>E-Stop</b> Reset button on the MCP.				
		<ol> <li>Repeat steps 1-4 for the second closing brush.</li> </ol>				
		<ol> <li>Press the Sorter Start pushbutton and start the sorter.</li> </ol>				
		<ol> <li>Generate a work order to address any deficiencies.</li> </ol>				
SORTER	48.**	(Power On) Tray Close Verification Sensor (CVS).	5	09		W
		<b>NOTE:</b> Prior to manually opening the trays, pull the maintenance alley pull cord E-Stop to prevent unexpected start up. Once the trays are opened reset the pull cord E-Stop.				
		Check the Close Verification Sensor for proper operation.				

U.S. Postal S	Service											
Maintenance	Check	list	WORK CODE		EQUIF ACR(	MENT MYM		CL	.ASS ODE	NU	MBER	TYPE
			0 3	S P	S S			В	Α	0	0 3	М
Equipment Nomenclature	e ation S	vetem	Equipme	nt Model			Bulletin File	ename		Occurre	nce	
Smail 1 arcer Son		ystem						10120				
Part or	Item		Task	Statement	and Instru	ction		Est.	Min.		Threshold	S
Component	No	(	Comply wi	th all curre	nt safety pr	ecautic	ons)	Time Rea	Skill Lev	Run Hours	Pieces Fed	Freq.
								(min)		lieure	(000)	
		4 \A/(1)				4	0					
		1. VVIti	n the sor v doors r	ter stopp nanually	ea, open by pres	sina th						
		and	d outside	tray hoc	k latches	s loca						
		out	side of th	ne trays,	immedia	tely fo	ollowing					
		the	Tray Clo	osing De	vice.							
		2. Che it is	eck that t flagged	he CVS by the o	LED indio pen tray	cator i door.	flashes as					
		NOTE: T speed w	<sup>-</sup> he Sorte hen plac	er will op ed into N	erate at 1 Iaint. Mo	5% o de.	f normal					
		CAUTIO	N: In the er if the	e next st CVS fail	eps, imr s to do s	nedia so.	tely stop					
		3. Plao Mo	ce the So de on th	orter Moo e MCP.	de Switch	into	Maint.					
		4. Sta	rt the So	rter.								
		5. Che	eck that t	he sorter	stops as	s the o	open tray					
						v 3. - 41 1						
		o. Che ma ano Tra	rquee di rquee di d check t ay not clo	ne red st splays "C he Cimp sed" me	CVS-1 Tr licity HM ssage.	ay no l for "(	t closed" CVS-1					
		7. Clo	se the op	oen tray o	doors.							
		8. On but	the Cimp ton on th	olicity scr ne upper	een, clicl right side	c the f e of so	trays creen.					
		a.	Select	tray flago	ged as "n	ot ope	erational".					
		b.	On the service operation	tray deta to place onal state	ails scree the tray e.	n sele into a	ect out-of- non-					
		C.	Select ' operation	'In Servio onal state	ce" to ret us.	urn tra	ay to					
		d.	Close t	ray detai	ls screen							
		9. Clic	k the SP	PSS-1 button on the upper right								
		10. Sele	ect the C	VS-1 ico	n to view	sens	or details					
		a.	Select reset to return the CVS-1 to operational status.									
		b.	Close sensor details window.									
		11. Plac	ce the so	orter into	Run moo	le wh	en					

			-		IVICI	Internation	0 1 0 0		u oup	pon o	ontor
U.S. Postal	Service		MODK	FOLIDA	DENTIFICA		100			TYPE	
Maintenance	Check	list	CODF	ACRON	IYM			DDE	NU		TTPE
			0 3	SPSS			B	A	0	0 3	М
Equipment Nomenclature	e		Equipme	ent Model	I	Bulletin File	ename		Occurre	nce	
Small Parcel Sort	tation S	system				mm	15120				
Part or	Item		Task	Statement and Instructi	on _	,	Est.	Min.	_	Threshold	ls
Component	No		(Comply w	with all current safety prec	aution	ns)	l ime Reg	Skill	Run	Pieces Fed	Freq.
							(min)	201	Tiours	(000)	
		CC	completed.								
		12. No	ote any de	eficiencies and repo	rt the	em to					
		รเ	supervisor.								
SORTER	/0 **		wer On)								۱۸/
SORTER	43.	Discha	harge Verification Sensor (DVS)								vv
		2.001.0	charge vernication Sensor (DVS)								
		Check	eck the Discharge Verification Sensor for								
		proper	operation	by performing a Di	scha	rge					
		Verifica	tion Sens	sor Test on DVS-1 a	and D	OVS-2.					
		NOTE	Sonoor T	-	und	or Maint					
		Signon	credentia	als are periorned	unue	er maint.					
		loighon	Greachild								
		1. At	the FMP	CS Main Sorter Cor							
		a.	Select	Maintenance							
		b.	Select								
		C.	Select	DVS-1							
		d.	Enter T	Test Options:							
			1) Nu ex	umber of trays or w xamine <b>:[50]</b>	indov	ws to					
			2) Tr	ray or window interv	/al <b>[3</b>	]					
		2. Pr	ess Escal	pe 2 times and retu	rn to	the Test					
		Sc	rter Equip	pment menu	Init	Test					
		. u.			e int						
		b.	Select	DC-001							
		C.	Enter T	Test Options:							
			1) Nu [ <b>2</b>	umber of times to fi 2 <b>0</b> ]	re the	e DU:					
			2) Tr	ray or window interv	al· [3	201					
			~, II		u. [ <b>4</b>	1					
			3) fr	ray Modulus [ <b>1</b> ]							
		3. Pr Co a.	Press Escape 4 times to Select Sorter Control Menu. a. Select <b>Start Sorter</b>								
		4. Pr Co	Press Escape to return to the Main Sorter Controller Menu.								
		a.	a. Select View Message Log								
		b.	Select	Specific Actions f	rom	Log					
						- J					

U.S. Postal	Service														
Maintenance	Check	list		WORK CODE	<u> </u>	E		MENT			CL C(	ASS ODE	NU	MBER	TYPE
				0 3	SP	S	S	[			В	A	0	0 3	М
Equipment Nomenclature	e tation S	watam	E	Equipme	nt Model				Bulleti	in File	name		Occurre	nce	
Small Parcel Soft	auon S	ystem									13120				
Dart or	Itom			Took	Statemon	tand	Inctru	tion			Ect	Min		Threshol	46
Component	No		(Co	omply wit	th all curre	ent saf	fety pr	ecautio	ons)		Time	Skill	Run	Pieces	Freg.
									,		Req	Lev	Hours	Fed	
											(min)			(000)	
		C	c. Select the first Action field and enter [2]							[2]					
		NOTE	Sta	andard	Action 9	Snec	ificati	on 2							
		repres	presents "Sensor Test."												
		5. \	View log, scroll up to view tray masks, and							d					
		C	check the tray masks profiles indicating open							pen					
		t	trays and a working DVS Sensor.												
		6. F	Repe	at step	s 1 thro	ugh {	5 to p	erfor	na						
		2	Disch 2.	arge V	erificatio	on Se	ensoi	Test	on DV	/S -					
		7. N	lote	anv dis	crepano	cies a	and r	eport	them t	0					
		s	super	visor.				r		-					
SORTER	50.**	(Powe Sorte Item e Drive	er Or r Pro on C Plat	n) otectio over, E e.	n Whis Derail D	ker S etec	ense tion,	ors: Bent			30	09			M
		NOTE	: Th	is task	requires	s 2 p	eople	to pe	erform.						
		Perfor Prote	rm a ction	functio Senso	nality cł rs.	neck	on th	e Soi	rter						
		1. V	Nith t Cove	the sort r (IOC-	ter not r 1) whisł	unnir (er s\	ng, tr witch	p Iter sens	n on or.						
		a	a. ( I	On the OC-1 r	graphic eports v	s scr vhen	een o tripp	heck ed.	that						
		b	o. ( a F	Check f and MC Red flas	the Sort CP Sorte shing lig	er St er E-S jhts.	ack I Stop	ght a ndica	ssemb Itor for	lies					
		c	с. F	Press tl	he Rese e Turn ′	et Tur 1 faul	n 1 p lt.	oushb	utton to	o					
		c	d. F t	Press tl he MC	he Rese P.	et E-S	Stop	ousht	outton	on					
		2. V [ ]	. With the sorter not running, trip Derail Detection Sensor 1 (DR-1) whisker switch in Turn 1.							ı in					
		a	a. ( 1	On the 1 report	graphic ts when	s scr tripp	een o ed.	heck	that D	R-					
		b	<ul> <li>Check the Sorter Stack light assemblies and MCP E-Stop indicator for Red flashing lights.</li> </ul>						lies						
			). F	Press tl	he Turn	1 res	set p	Jshbu	utton to	,					

MMO-115-17						ntenance	e Tec	port C	enter			
U.S. Postal	Service						DENTIFICA	TION				
Maintenance	Check	list		WORK CODE		EQUIPMENT ACRONYM		CL	ASS ODE	NU	MBER	TYPE
<b>F</b> 1 (1)				0 3	SPS	S		В	A	0	0 3	М
Small Parcel Sort	e ation S	vster	n	Equipmer	nt Model		Bulletin File	ename 15120		Occurre	nce	
		<i>,</i>										
Part or	Item			Task \$	Statement and	Instruction		Est.	Min.		Threshold	s
Component	No		(C	comply wit	ns)	Time Reg	Skill Lev	Run Hours	Pieces Fed	Freq.		
								(min)	201	Tiouro	(000)	
<b></b>				ala an fai							1	
				clear la								
			d.	Press the Reset E-Stop pushbutto the MCP.								
		3.	With Dete Turn	the sort ction Se 1.	ter not runni ensor 2 (DR-	ng, trip Dera 2) whisker	ail switch in					
			a.	On the g DR-2 re	graphics scr ports when	een check tripped.	that					
			b.	Check t and MC flashing	ssemblies Red							
			C.	Press th clear fa	he Turn 1 re ult in Turn 1	set push bu	utton to					
			d.	Press th the MCI	he Reset E-S P.	et E-Stop push button on						
		4.	With Plate Turn	the sort Sensor 1.	ter not runni r (BDP-1) wi	ng, trip Ben hisker switc	it Drive ch in					
			a.	On the g BDP-1 r	graphics scr reports whe	een, check n tripped.	that					
			b.	Check t and MC flashing	the Sorter Si P E-Stop in I lights.	ack light as dicator for f	ssemblies Red					
			C.	Press th clear fai	he Turn 1 re ult in Turn 1	set push bu	utton to					
			d.	Press th the MCI	he Reset E-: P.	Stop push b	outton on					
		5.	With Sens	the sort sors (DR	ter not runni R-3) whisker	ng, Derail D switch in T	Detection urn 2.					
			a.	On the g 3 report	graphics scr ts when tripp	that DR-						
			b.	Check t and MC flashing	the Sorter Si P E-Stop in I lights.	ssemblies Red						
			C.	Press th clear fai	he Turn 2 re ult in Turn 2	utton to						
			d.	Press th the MCI	ne Reset E-S P.	outton on						
		0.	vvitn	ine sort	ier not runni	ng, trip the	Derall		<u> </u>			

U.S. Postal	Service							DENTIFICA	TION				
Maintenance	Check	list	WORI CODE	K E		EQUIPME ACRON	ENT /M		CL	.ASS ODE	NU	MBER	TYPE
			0 3	3	S P S	S			В	A	0	0 3	М
Equipment Nomenclature	e tation S	vetom	Equipn	nen	nt Model		Bulletin File	ename 15120		Occurre	nce		
Offiair 1 arcer offi		ystem							13120				
Part or	Item		Tas	sk S	Statement and	Instructio	n		Est.	Min.		Threshold	s
Component	No		(Comply	with	h all current s	afety preca	utior	ıs)	Time	Skill	Run	Pieces	Freq.
									Req (min)	Lev	Hours	Fed (000)	
	1									()			
		ן נ	Detection Furn 2.	Se	nsor (DR-4	) whiske	er sv	vitch in					
		a	a. On th DR-4	e ç rej	graphics so ports wher	reen, ch tripped.	eck	that					
		t	o. Checl and M flashi	he Sorter S P E-Stop ir lights.	tack ligh dicator	semblies Red							
		c	<ul> <li>c. Press the Turn 2 reset push button to clear fault in Turn 2.</li> </ul>										
		c	<ul> <li>d. Press the Reset E-Stop push button on the MCP.</li> </ul>										
		7. V [ s	With the so Drive Plate sensor in ∃	orte e S Tur	er not runn Sensor (BD rn 2.	ing, trip P-2) whi	the skei	Bent <sup>-</sup> switch					
		a	a. On th BDP-	e g 2 r	graphics so eports whe	reen, ch n trippe	eck d.	that					
		t	o. Checl and M flashi	k tł /ICl ng	he Sorter S P E-Stop ir lights.	tack ligh	it as for F	semblies Red					
		c	c. Press clear	s th fau	ne Turn 2 re ult in Turn 2	eset pus 2.	n bu	tton to					
		c	d. Press the M	s th ICF	ne Reset E- ⊃.	Stop pu	sh b	outton on					
		8. N s	Note any c supervisor	defi	iciencies a	nd repor	t the	em to					
SORTER	51.**	(Pow Hang	er On) ing Produ	uct	t Sensors.				10	09			М
		WAR or o applie that preca and movin	VARNING: Be cautious when working around or on equipment when power has been upplied. Some of the following tasks require hat the machine be running. Take precautions to prevent hair, clothing, tools and test equipment from being caught in moving parts.										
		Perfo Produ	rm a funct ıct Sensor	tior rs.	nality test c	n the Ha	ingi	ng					
		1. V F	With the so nanging pr	orte rod	er in opera luct sensor	tion, bloo s in Turr	ck th ns 1	ne & 2.					
		2. 0	Check that	t th	ne sorter st	ops and	alar	m					

MMO-115-17		e IDENTIFICATION										
U.S. Postal	Service					DENTIFICA	TION					
Maintenance	Check	list	WORK CODE		ACRONYM		CL	LASS ODE	NU	MBER	TYPE	
			0 3	S P S	S		В	A	0	0 3	М	
Equipment Nomenclature	e tation S	System	Equipmer	nt Model		Bulletin File	ename 15120		Occurre	nce		
		ystem					10120					
Part or	Item		Task	Statement and	Instruction		Est.	Min.		Threshold	s	
Component	No	(	Comply wit	h all current sa	fety precautior	ns)	Time Rea	Skill Lev	Run Hours	Pieces Fed	Freq.	
							(min)			(000)		
		sou	nds								1	
		2 Ch	ndo. Nak tha M	CD Sortor F	- Ctan india	atar						
		illur	ninates.	CP Softer E		alor						
		4. Che rep	eck the Fl orting.	MPCS Grap	hics compu	iter for						
		5 Pre	ss the M	CP Reset F	-Stop buttor	n to clear						
		alar	m.									
		6. Pre	ss the M	CP Sorter S	start pushbu	utton to						
		rest	tart sorter									
SORTER	52.**	(Power Dischar	On) ge Solen	oids Opera	ation		15	10			W	
		Deufeune										
		check th discharg	a Sequei e functior e solenoi	ntial Discha nality of the ids	carrier tray	ST TO						
		1. At t on a	he FMPC as maint.	S Control S	tation termi	nal sign						
		2. Pre	ss the <b>Sc</b>	orter Start b	outton on the	e MCP.						
		3. At t Sel	he FMPC ect <b>Maint</b>	S Control S enance.	station Main	Menu						
		4. Sel	ect Disch	narge Unit 1	lests.							
		5. Sel	ect Start	A Sequent	ial Dischar	ge Unit						
				TULO								
		6. Und follo	ber Enter pwing:	l est Optior	is enter the							
		a.	Sequen	tial Test Sic	le [blank]							
		b.	First dis	charge unit	name [DC-	001]						
		C.	Last dis last disc	charge unit charge on m	name [DC- achine)	196] (or						
		d.	Number	of times to	fire each D	U[4]						
		e	Trav or	window inte	erval [1]							
		f	Trav mo	odulus I blar								
			Number	of times to	reneat test	[1]						
		y.			tor	L ' J						
		1. Sta		pressing <b>Er</b>	iter.							
		8. Pre	ss Escap	De.								
		9. At t	he FMPC	S Terminal	screen sele	ect						

U.S. Postal	Service			1			DENTIFICA	TION				
Maintenance	Check	list	WORK CODE	 	EQUIP ACRO	MENT NYM		CL C(	ASS ODE	NU	MBER	TYPE
			0 3	S P	S S			В	A	0	0 3	М
Small Parcel Sort	e tation S	lystem	Equipme	nt Model			Bulletin Fil	ename 15120		Occurre	nce	
ernali i areer een		yotom						10120				
Part or	Item		Task	Statement	and Instruc	tion		Est.	Min.		Threshold	S
Component	No	(	Comply wi	th all currer	nt safety pre	ecautio	ns)	Time	Skill	Run	Pieces	Freq.
								(min)	LCV	TIOUIS	(000)	
		Car		auantia	Dischar	ao II	nit Tost		1			[
		onc	e the dis	charge u	nit test co	omple	tes.					
		10. Pre MC	ss the <b>St</b> P.	top Sorte	e <b>r</b> pushbu	utton o	on the					
		11. Pre Cor Cor	ss <b>Esca</b> htrol Stat htroller M	<b>pe</b> 2 time ion termir lenu:	s; from th nal Main	PCS r						
		a.	Select V	View Me	ssage Lo							
		b.	Select	specific a	ctions fro	].						
		c.	Tab do action f Dischai	wn 4 time ïeld, ente rge Unit f	es to sele er the nun ailures.	first I to view						
		12. Not disc	e which o charge pr	discharge roblem ar	e solenoio nd/or failu	ds rep ire.	ort					
		13. Ger defi	nerate a ciencies.	work orde	er to addı	ess a	iny					
SORTER	53.**	(Power Split Tra	On) ays.					.5*	09			W
		<b>NOTE:</b> F sorter fo placed n trays.	Place the r access ear the N	Sorter in to the tra MCP for e	i Maint. n iys. Use easy acce	node f a lade ess to	to jog the der the					
		1. Clea ger rem	an trays Ieral purp Iove any	using a d bose clea dirt or de	lust remo iner and o ebris.	val br cloth f	rush or co					
		2. Rer fror	nove any n within t	/ foreign i the tray o	material ( n all carr	I.E la ier tra	bels) ys.					
		3. Ger def	nerate a iciencies	work orde	er to addı	ress a	iny					
		* Ti	me per ti	ray								
Sorter	54.**	(Power Split Tr	(Power On) Split Tray Operation.									W
		Observe	e Split Tr	ay openir	ng operat	ion.						
		NOTE: ( takes ap	One sorte proximat	er revoluti tely 18 mi	ion in MA inutes 4 s	INT N secon	/lode ds.					
		1. At t Ctrl Mer	he FMP0 I to switc nu screel	CS Contro h to the N n [3].	ol Station ⁄lain Sort	s <b>Ctrl-</b> ntroller						
		NOTE: 1	he disch	narge chu	ite solend	oids c	an be					

MMO-11	5-17
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U.S. Postal Service								IDE	NTIF	ICAT	ON						
Maintenance Checklist	WC CC	DRK DE			E		PMEN DNYM	Г			CLA CO	ASS DE	N	UMB	ER	TYPE	
	0	3	S	Р	S	S					В	Α	0	0	3	М	
Equipment Nomenclature Small Parcel Sortation System	Equ	ipmer	nt Mo	del				В	ulletir r	n Filer nm1	name 5120		Occurr	ence			

Part or	Item	Task Statement and Instruction	Est.	Min.		Threshold	S
Component	No	(Comply with all current safety precautions)	Time	Skill	Run	Pieces	Freq.
			Req	Lev	Hours	Fed	
			(min)			(000)	

	alte the	rnated by changing "DC-000" designator to desired chute.				
	2.	At the FMPCS terminal type:				
		force discharge DC-001 divert on.				
	3.	At the FMPCS terminal type:				
		force discharge DC-001 divert2 on to open trays at Discharge Chute 1.				
	4.	Place the Sorter Mode switch to <b>MAINT</b> .				
	5.	Press the <b>Sorter Start</b> pushbutton on the MCP. The sorter will operate at a reduced speed (approximately 15% of normal speed).				
	6.	Observe tray opening function;				
		<ul><li>a. Record the tray number if the doors slam open, bounce excessively, or are very noisy.</li><li>b. Verify the shock absorber impact block is present.</li></ul>				
		c. Verify the shock is present.				
	7.	Press the <b>Sorter Stop</b> pushbutton on the MCP.				
	8.	At the FMPCS terminal type <b>unforce all</b> to remove force command.				
	9.	Place the Sorter Mode switch to <b>RUN</b> .				
	10.	Generate a work order to address any deficiencies.				
OVIS CABINET: US 55. – ADDRESS	** Dov Ade	wnload And Update OVIS dressDataBase Update Script.	20	10		W
UPDATE OVIS ADDRESS DATABASE	WA or o app	RNING: Be cautious when working around on equipment when power has been blied.				
	NO con be the con	<b>TE:</b> The NDSS address files reside on the IRS nputer, requiring each individual computer to brought up as an IRS computer. Use one of other computers brought up as a PIP nputer.				
	1. 2.	Use the keyboard strokes ( <b>CTRL, CTRL</b> , Workstation <b># 1</b> , <b>#2</b> , <b>#3</b> , and <b>Enter</b> ) to navigate to the computer running as the PIP (Workstation 1). Open OVIS Controller to display the SPSS-				

U.S. Postal														
Maintenance	Check	liet	Γ	WORK		E				CL	ASS	NU	MBER	TYPE
Wantenance	SHECK	nət	┝		SP	S		INYIVI		R		0	0 3	М
Equipment Nomenclature	Э			Equipme	nt Model	0	0		Bulletin Fil	ename		Occurre	nce	IVI
Small Parcel Sor	tation S	ystei	m						mm	15120				
Part or	Item		(0	Task	Statement	t and	Instruc	tion		Est.	Min.	5	Threshold	s
Component	INO		(C	omply wi	in all curre	nt sai	ety pre	cautic	ns)	Req	Lev	Run Hours	Fed	⊢req.
										(min)			(000)	
			OVIS	GUI										
		3.	From	the ho	me scre	en, c	click <b>T</b>	ools	>NDSS					
		4.	From	the NE	OSS type	e win	dow,	seleo	t Update					
			from	the aro	p aown	rieia,	and	CIICK	UK.					
		5.	On th statin unav proce	ne NDS ng the C ailable v eed.	S update )CR will will appe	e scr be te ear.	een a empo Seleo	ssage YES to						
		6.	Click	OK wh	en com	olete	d.							
		7.	Powe 2).	er down	the IRS	con	npute	orkstation						
		8.	Powe (Wor	er up the kstatior	e OVIS 3 n 3) as a	Spar n IR	e con S con	npute npute	er F.					
		9.	Once throu	e Works gh 6.	tation 3	is Ul	p, per	form	steps 1					
		10.	Powe	er down	Workst	ation	ıs 1 &	3.						
		11.	Powe Work	er up W station	orkstatio 1 as an	on 2 IRS	as a l comp	PIP a outer.	nd					
		12.	Navią CTR	gate to ' L, <b>CTR</b> I	Worksta L, <b>2</b> , and	tion 1 <b>Ent</b>	2 (PII t <b>er</b> .	P) by	pressing					
		13.	Perfo	orm step	os 1 thro	ugh	6.							
		14.	Powe	' er down	Workst	ation	ıs 1 &	2.						
		15	Powe	ar un th		com		 s in th	oir					
		13.	origin PIP a	and Wo	iguratior rkstatior	וויט 1 (Wo 1 2 as	orksta s an I	ation RS.	1 as a					
		Refe Doc Han	ference MTSC SPSS page, PM Sourc ocumentation, SPSS OVIS Folder, OVIS User andbook.											
PSOC	56.**	Per	erform PSOC Calibration.								10			М
		Perf Insta cam cam	orm S allation era ar era Al	ection n Manu ngle, foo DC setu	10, in the al to cali cus cam up.	e US ibrate era,	PS - e the and c	212 S PSO check	SPSS C, verify the					
		NO sour amb be c	<b>DTE:</b> If site adds, removes, or replaces a light urce (broken light bulb) that will affect the abient lighting of the camera, PSOC will need calibrated.											
		Refe	<u>erenc</u> e	e the M	TSC SP	<u>SS p</u>	age,	<u>PM S</u>	Source					

U.S. Postal Service								ID	ENTIF	ICAT	ION					
	WC	RK			E	QUIF	MEN	Т			CLA	ASS	N	IUMBI	ER	TYPE
Maintenance Checklist	CO	DE				ACRO	DNYM				CC	DE				
	0 3 S P S S										В	Α	0	0	3	Μ
Equipment Nomenclature	Equipment Model							E	Bulletin Filename				Occurrence			
Small Parcel Sortation System									mm15120							

Part or	Item	Task Statement and Instruction	Est.	Min.		Threshold	S
Component	No	(Comply with all current safety precautions)	Time Req (min)	Skill Lev	Run Hours	Pieces Fed (000)	Freq.

		Documer Manual,	ntation, USPS-212 SPSS Installation Section 10.				
FMPCS	57.**	Perform	Site Data Backup.	15	10		М
		Perform compute	Site Data Backup on the FMPCS				
		Reference Documer Site Data	e the MTSC SPSS page, PM Source ntation, SPSS FMPCS folder, Making a Backup.				
SPSS:	58.**	Safety T	ask (Power On)	90	09		М
E-STOPS		Check A	II Interlocks and E-Stops.				
		WARNIN or on applied. be runni clothing from bei	G: Be cautious when working around equipment when power has been This task requires that the machine ng. Take precautions to prevent hair, jewelry, tools, and test equipment ng caught in moving parts.				
		NOTE: W one inter switch wi interlock stopped.	/hen performing this step, check only ock switch and one Emergency Stop th machine running. Check all other and E-Stop switches while machine is				
		NOTE: V for each	erify light conditions and warning sounds E-Stop and interlock.				
		1. Loao Gra	d MAINT.rt Sort plan at FMPCS bhics Screen HMI.				
		2. Ens Mair	ure the Mode Selection Switch on the n Control Panel is in the "Run Mode".				
		3. Pus the SPS	n the Green Sorter <b>Start</b> Pushbutton on Main Control Panel Cabinet to start the iS.				
		a.	Verify that when the Sorter <b>Start</b> pushbutton is pressed, all the amber stack light assembly indicators and horn pulses for 10 seconds, which indicates a warning that the system is stating up and a physical or electrical hazard exist.				
		b.	5 seconds prior to starting the Sorter, the horn alarm stops and the amber stack light assembly indicators flash.				
		C.	When the Sorter starts up, the amber stack light goes off, the Green Stack				

U.S. Postal S	Service		IDENTIFICATION WORK EQUIPMENT CLASS NUMBER TYP												
Maintenance	Check	list		WORK CODE		E	EQUIP ACRC	MENT			CL C(	ASS ODE	NU	MBER	TYPE
				0 3	S P	S	S				В	A	0	0 3	М
Equipment Nomenclature Small Parcel Sort	e ation S	vete	m	Equipme	nt Model				Вι	illetin File mm	ename		Occurre	ence	
		ysic	111							111111	10120				
Part or	Item			Task	Statement	and	Instruc	tion			Est.	Min.		Threshold	ls
Component	No		(0	Comply wit	th all curre	nt saf	ety pro	ecautio	ons)		Time	Skill	Run	Pieces	Freq.
											(min)	Lev	Hours	(000)	
		1		liadat in a	diaatawa	flaa		مال ان		a a b in a					
				reaches	s full ope	eratio	n un onal s	need	; III 	achine					
		4	Drog		morgon		tono	vitab		ombly					
		4.	and	note tha	t followir	ng o	ccurs	:	a53	sembly					
			a.	Machin	e stops i	mme	ediate	ely.							
			b.	Lamp li	ghts in E	ME	RG S	ТОР	swi	tch.					
			C.	Red lig assemb	ht illumi blies.	nate	s on	all	stac	k light					
			d.	Green S Main Co	Sorter Ri ontrol Pa	unnii anel									
			e.	Red S Control	orter E Panel C	E-Sto Cabin									
			f.	Fault or indicate E-Stop/	n FMPC s app Interlock	S G roxir bei	raphi nate ng te	cs So loc sted.	cree catio	en HMI on of					
			g.	Pressin not star	g Sorter t machir	r Sta ne.	art pu	Ishbu	uttor	n does					
		5.	Res follo	et EMEI wing occ	RG STC curs:	)P s	witch	and	no	te that					
			a.	Sorter Panel C	E-Stop Cabinet fi	lam lash	p on es.	Mai	in (	Control					
			b.	Red ligh Assemb	ht flashe plies.	s on	ALL	the S	Stac	k Light					
			C.	Lamp g assemb	oes out bly.	in El	MER	G ST	ΟP	switch					
			d.	Press t the Mai	he <b>Rese</b> n Contro	e <b>t E-</b> ol Pa	<b>Stop</b> nel C	pusł abin	nbut et.	ton on					
			e.	Red E-3 Control	Stop lan Panel.	np ge	oes c	out or	n the	e Main					
			f.	Red sta light as	ack light semblies	t go 3.	es o	ut or	n all	stack					
			g.	Press t the Mai the Sor	s the <b>Sorter Start</b> pushbutton o Main Control Panel Cabinet to star Sorter.										
			h.	Verify pushbu assemb pulses a warni	that wl tton is p oly amb for 10 s n <u>g that</u> t	hen press er i ecor the s	SOI sed, indica nds, v syster	RTEF the s ator which <u>m is</u> s	R S stac and inc star	START k light horn dicates ting up					

MMO-115-17			Maintenance Technical Support Center											
U.S. Postal	Service		IDENTIFICATION											
Maintenance	Check	list	WORK CODE		EQUIPMENT ACRONYM		CL CC	ASS ODE	NU	MBER	TYPE			
-	0 3	S P S		В	Α	0	0 3	М						
Equipment Nomenclature Small Parcel Sort	∍ tation S	vstem	Equipmer	nt Model		Bulletin File	ename 15120		Occurre	nce				
		,	1			1								
Part or	Item		Task	Statement and	Instruction		Est.	Min.		Threshold	s			
Component	No		(Comply wit	th all current sa	fety precaution	ns)	Time Req	Skill Lev	Run Hours	Pieces Fed	Freq.			
							(min)	-		(000)				
			and a p	hysical or el	ectrical haz	ard.								
		i.	5 secor the hor stack lig	nds prior to rn alarm sto ght assembly	o starting th ops and th y indicators	ne sorter, ne amber flash.								
		j.	When t stack li Stack machine	the sorter s ight goes o light indicat e reaches fu	tarts up, th off, and th tors flash Ill operation	ne amber ne Green until the al speed.								
		k.	Stop the	e machine a	nd exit sort	plan.								
		6. Wit che one act to des wh	hout sta eck all rer e at time ions as d occur scribed in en they a	arting and maining EMI to ensure th escribed in i when pres items <b>5a</b> - re reset.	stopping ERG STOP nat each on items <b>4b –</b> ssed and <b>- 5f</b> above	machine, switches le causes <b>4g</b> above actions to occur								
		7. Wit che a t cor act occ iter Sto	hout sta eck the P ime, by p ds, to e ions desc cur when ns <b>5a –</b> s op is reset	arting and ull Cord E-S bulling the E ensure that cribed in iter pulled and <b>5f</b> occur wh t.	stopping Stop switche Emergency each one ns <b>4b – 4g</b> actions des ien the Pul	machine, es one at Stop pull e causes above to scribed in I Cord E-								
		8. Ch inte	eck the erlocks in	maintenar each turn fo	nce acces or proper fur	s doors								
		a.	Perform	n normal sta	rt up on the	SPSS.								
		b.	Open a	maintenanc	e access d	oor.								
		C.	Verify th	hat the Sorte	er comes to	a halt.								
		d.	Sorter Panel C	E-Stop lam Cabinet flash	ip on Mair ies.	n Control								
		e.	Turn re	set button fla	ashes.									
		f.	Fault or indicate Interloc	n FMPCS G es location i k.	araphics Sc n Turn 1 c	reen HMI or Turn 2								
		g.	Pressin not star	g Sorter <b>St</b> t machine.	<b>art</b> pushbut	tton does								
		9. No sup	te any d pervisor.	eficiencies	and report	them to								

U.S. Postal Service		IDENTIFICATION														
Maintenance Checklist		RK DE			E		MEN NYM	T			CLA CO	ASS DE	N	TYPE		
	0	3	S	Ρ	S	S					В	Α	0	0	3	М
ment Nomenclature E mall Parcel Sortation System	Equipment Model							В	ulletin n	Filer	name ( 5120		Occurrence			
mall Parcel Sortation System	Equipment Model					n	nm1	5120								

Part or	Part or Item Task Statement and Instruction						s
Component	No	(Comply with all current safety precautions)	Time	Skill	Run	Pieces	Freq.
			Req	Lev	Hours	Fed	
			(min)			(000)	
					1	1	1
SPSS	59.**	Create Work Orders For Any Needed Repairs.	10	ALL			D
FINAL-CLEANUP	60.**	Clean-Up.	15	ALL			D
		Ensure all tools, lubricants, rags, etc., are					
		removed from the work area. Report all					
		deficiencies to your supervisor.					

#### \* --- the tasks marked with an asterisk are per unit tasks.

\*\* --- the tasks marked with two asterisks are critical tasks.

MMO-115-17							Ma	aint	tena	nce	Tech	nnica	al Su	оро	rt C	enter
U.S. Postal Service								ID	ENTIF	ICAT	ION					
Maintenance Checklist	WC CC	ORK DDE	EQUIPMENT ACRONYM								CLA CO	ASS DE	N	NUMBER		
	0	3	S	Ρ	S	S					В	Α	0	0	3	Μ
Equipment Nomenclature Small Parcel Sortation System	Equipment Model					E	Bulletir r	n Filer nm1	name 5120		Occurr	ence				

Part or	Item	Task Statement and Instruction	Est.	Min.	Thresholds			
Component	No	(Comply with all current safety precautions)	Time Req (min)	Skill Lev	Run Hours	Pieces Fed (000)	Freq.	

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## ATTACHMENT 5

### SPSS MASTER CHECKLIST

09-SPSS-BA-004-M

**Operational Maintenance** 

CLASS CODE = BA

MMO-115-17

Maintenance Technical Support Center

U.S. Postal Service								IDE	NTIF	ICAT	ION						
	WORK				E	QUIF	PMEN	Т	CLASS					TYPE			
Maintenance Checklist	CODE ACRONYM									CC							
	0	9	S	Ρ	S	S					В	Α	0	(	0	4	Μ
Equipment Nomenclature	Equ	ipmer	nt Mo	del				В	ulletir	n Filei	name		Occurrence				
Small Parcel Sortation System									r	nm1	5120				Т	our	
Small Parcel Sortation System									r	nm1	5120					our	

Part or	Item	Task Statement and Instruction	Est.	Min.		Threshold	S
Component	No	(Comply with all current safety precautions)	Time Req (min)	Skill Lev	Run Hours	Pieces Fed	Freq.
			(11111)			(000)	

SAFETY STATEMENT	1.	<ul> <li>WARNING: COMPLY WITH ALL SAFETY PRECAUTIONS.</li> <li>Disconnect power and apply lockouts when required by this instruction. Refer to current local lockout procedures to properly shut down and lock out this machine. Open equipment and inspect dust conditions. Check for suspicious dust or unusual debris. If any unusual substance is found notify supervisor prior to proceeding with any further action on the equipment.</li> <li>WARNING: THE USE OF COMPRESSED OR BLOWN AIR IS PROHIBITED.</li> <li>When cleaning is required, an alternative cleaning method such as a HEPA filtered vacuum cleaner or a damp rag must be used in place of compressed or blown air. A lint- free cloth or brush may be used on optical equipment only when other cleaning methods cannot be used. Report safety deficiencies to your supervisor immediately upon detection.</li> <li>WARNING FOR EWP/PPE: Steps contained in this bulletin may require the use of Electrical Work Plan (EWP) Personal Protective Equipment (PPE). Refer to the current EWP MMO for appropriate EWP PPE and barricade requirements.</li> <li>WARNING: Various products requiring Safety Data Sheets (SDS) may be utilized during the performance of the procedures in this bulletin. Ensure the current SDS for each product used is on file and available to all employees. When reordering such a product, it is suggested that current SDS be requested. Refer to SDS for appropriate personal</li> </ul>	1	ALL		Т
	2	protective equipment.	5	10		т
GENERAL	2.	<ol> <li>Check Maintenance log book for any outstanding issues.</li> <li>Ask operators (facers and sweepers) and operations supervisor if they are aware of any equipment problems. Investigate reported problems.</li> </ol>	Э			

#### Maintenance Technical Support Center

#### MMO-115-17

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U.S. Postal S	Service		14/021	1			DENTIFICAT		100		MOSS	T)/D-
Maintenance	Check	list				IEN I IYM			ASS ODF	NU	MRFK	TYPE
			0 9	S	PSS			B	A	0	0 4	М
Equipment Nomenclature			Equipme	ent Mode			Bulletin File	ename	Occurre	nce		
Small Parcel Sort	ation S	ystem					mm′	15120				
Part or	Item		Task	Stateme	ent and Instructi	Est.	Min.		S			
Component	No	(	Comply w	ith all cu	rrent safety prec	Time	Skill	Run	Pieces	Freq.		
						(min)	Lev	Hours	Fed (000)			
								()			(000)	
OPERATIONAL:	3.	Check F	MPCS S	Sort Co	ontroller Co	mpu	ter	5	10			Т
FMPCS SORT		Mainten	ance Re	eports.								
CONTROLLER		1 Rui	n Mainte	nance	Report on Al	l Dev	vices to					
		che	ck for ar	nomalie	es.							
		о <b>р</b>	. Conditi	on Do			a ta					
		Z. Rui	r Conditi	on Rep		evice	5 10					
		CITE		Iomaile	55.							
		3. Ru	ר Tour M	lainten	ance Long R	epor	t to					
		che	ck for re	occurr	ing anomalie	s, su	ch as					
		Sha		aer erro	ors, index Se	nsor	errors,					
		010		Jevice	lauits.							
OVIS CABINET:	4.	Check C	OVIS Co	ntrolle	er Computer			5	10			Т
RACK COMPUTER		CAUTIC	N: Limi	t the ti	me that the	ovis	S Rack					
		door is	open as	there	is no filterin	ng of	air					
		intake to	o the rad	ck con	nponents wh	nile t	he door					
		is open.										
		Check th	ne OVIS	GUI (C	Graphical Use	ər						
		Interface	e/Homes	creen)	display statu	is of	the					
		system a	and it's s	ub-sys	tems during	oper	ation.					
		1 Che	eck that t	the sve	stem indicato	r icor	ns on the					
		Hor	nescree	n are g	jreen.	1 1001						
		2 In t	he event	an ico	on on the Hor	nesc	reen is					
		not	areen. c	pen th	e View Mess	ades	s window					
		to c	btain ad	ditiona	I information	abo	ut the					
		stat	tus or pa	rticular	r error messa	age.						
		3 The		con on	the FMPCS	Gran	hics					
		Dis	plav will	chang	e color. (aree	en. ve	ellow.					
		ora	nge, red	) depei	nding on the	ovis	S System					
		hea	alth statu	s. The	e graphics sc	reen	will					
		dis	olay the	same e	error/status n	nessa	age					
		fou	nd on the	e OVIS	6 Message w	indov	ν.					
INDUCT:	5.	Check I	nductio	n Stati	ons.			10	09			Т
INDUCTION		1 Ch	ack tha l	nductic	n Line conv	Nor	helte for					
STATION		dan	nade. O	bserve	e proper track	kina a	of belts					
		2. Che	eck Dime		er for debris,	cleai	n with a					
		nec	nee ulul		icionnei diov	e II						
		nec	icosary.				_					
		3. Che	eck indu	ction fo	or proper pos	itioni	ng of					
		par	cels on o		cells. All size	es, sl d lota	napes,					
		elia	htly form	ard of	center longiti	uding	ally and					
		Sily				uuilla	any.					

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# Maintenance Technical Support Center

U.S. Postal Service	IDENTIFICATION																
	WORK EQUIPMENT					Т	CLASS					NUN	TYPE				
Maintenance Checklist	CODE ACRONYM							1			CO	DE					
	0	9	S	Ρ	S	S					В	Α	0		0	4	М
Equipment Nomenclature	Equipment Model			В	ulleti	n Filer	name	Occurrence									
Small Parcel Sortation System									r	nm1	5120				Т	our	

Part or	Item	Task Statement and Instruction	Est.	Min.		Threshold	s
Component	No	(Comply with all current safety precautions)	Time	Skill	Run	Pieces	Freq.
-			Req	Lev	Hours	Fed	
			(min)			(000)	
		4. Note any discrepancies in log book and					
		initiate corrective action					
SORTER	6	Monitor Sorter Operation.	10	09			Т
CONTEN	0.			00			
		1. Check for proper operation of the travs.					
		Ensure they open completely					
		2 Check trav closing operation as the travs					
		2. One of a strong belowing epotential and any of a strong dowing dowing					
		pass through the tray closing device					
		brushes, ensure the trays close, and latch					
		properly.					
1	1		1	1	1	1	