MAINTENANCE TECHNICAL SUPPORT CENTER HEADQUARTERS MAINTENANCE OPERATIONS UNITED STATES POSTAL SERVICE

Maintenance Management Order

- **SUBJECT**: Operational and Preventive Maintenance Guidelines for the Automated Package Processing System (APPS)
- DATE: December 30, 2016

NO: MMO-131-16

FILE CODE: R3

TO: All APPS Sites

mtho:mm15109af

		Online Change Record
Change #	Date	Description of Change
		Added remove or replace covers, panels, doors, and guarding
4	02/18/2021	where necessary.
3	05/04/2020	unknown
2	04/01/2020	Removed all references to MMO-025-15 and replaced with
		references to MS-202.
1	01/18/2017	MSL on task 138 changed to 10

This Maintenance Management Order (MMO) provides updated Operational and Preventive Maintenance Guidelines for the Automated Package Processing System (APPS) and supersedes MMO-018-13, dated February 4, 2013.

The workhours indicated in the workload estimate (Attachment 1) are based on a twenty hour run day and reflect the maximum annual workhours required to maintain the system. Actual workhour requirements and the frequency of tasks are dependent on run time and pieces processed. Therefore, PM workhour requirements will vary day-to-day based on site specific machine utilization. Management may modify task frequencies to address local conditions.

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.

Preventive Maintenance (PM) guidelines provide maintenance employees with the recommended task based maintenance activities. The Electronic Conditioned Based Maintenance (eCBM) is an abbreviated task list that represents a portion of the PM checklist. The complete master PM checklist must be accessible to all maintenance employees when performing PM and eCBM task based maintenance activities.



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

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

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.

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

Kevin Couch Manager Maintenance Technical Support Center HQ Maintenance Operations

Attachments:

- 1. Summary of Workload Estimate for APPS System
- 2. APPS Master Checklist: 03-APPS-AA-001-M: Preventive Maintenance
- 3. APPS Master Checklist: 09-APPS-AA-001-M: Operational Maintenance (Tourly)
- 4. APPS Master Checklist: 09-APPS-AA-002-M: Operational Maintenance (Daily)

ATTACHMENT 1

SUMMARY

WORKLOAD ESTIMATE

FOR

APPS SYSTEM

THIS PAGE BLANK

SUMMARY WORKLOAD ESTIMATE FOR APPS

System Configurations	Operation	Routine Servicing Per Machine	Repair Time Per Machine	Total Servicing Time Per Machine	Non-Productive Time Per Machine	Operational Maintenance Time Per Machine	Total Time Per Machine
	Days	(Hrs/Yr)	(Hrs/Yr)	(Hrs/Yr)	(Hrs/Yr)	(Hrs/Yr)	(Hrs/Yr)
Single Sided APPS	6	1875	563	2438	244	1538	4220
	7	2188	657	2845	285	1794	4924
	-					-	-
Dual Sided APPS	6	2079	624	2703	271	1698	4672
Running One Side	7	2425	728	3153	316	1981	5450
		•		-	-		
Dual Sided APPS	6	3127	939	4066	407	2374	6847
Running Two Sides	7	3649	1095	4744	475	2769	7988

NOTES:

*Repair estimates based on 30% of servicing.

**Non-productive time per machine based on 10% of total servicing and repair.

THIS PAGE BLANK

ATTACHMENT 2

APPS MASTER CHECKLIST

03-APPS-AA-001-M

Time Total: See Attachment 1

MMO-131-16

U.S. Postal	Service					I	DENTIFICA	TION				
Maintenance	Checkl	ist	WORK CODE		EQUIF ACRO	MENT DNYM		CL	ASS DDE	NU	MBER	TYPE
Fauinment Nemenalatur			IDENTIFICATION WORK EQUIPMENT ACRONYM CLASS CODE NUMBER 0 3 A P P S A A 0 0 1 equipment Model Bulletin Filename mm15109 A A 0 0 1 Task Statement and Instruction (Comply with all current safety precautions) Est. Time Req (min) Min. Lev Threshold 000000000000000000000000000000000000									
Automated Packa Syste	ge Proc m	essing	Equipmer	IL MODEI			mm	ename 15109		Occurre	eCB	M
Part or	Item		Task	Statement	and Instru	ction		Est.	Min.		Thresh	olds
Component	No	(Comply wit	h all curren	t safety pr	ecautior	Time Req (min)	Skill Lev	Run Hours	Piece Fed (000)	5 Freq.	
SAFETY STATEMENT	1	COMPL' Disconn requirec local loc down ar equipme for susp unusual prior to the equi THE USI IS PROH When cl cleaning vacuum in place microfib brushes may be Report s immedia WARNIN Steps co the use (PPE). R Plan (EV barricad	Y WITH A heect pow by this ckout pro- nd lock of ent and i sicious d substar proceed pment. E OF CO dIBITED. eaning is g method cleaner of comp ber cloths f, or 99.9 used to of safety de ately upo NG FOR I ontained of Perso tefer to ti VP) MMC le require	ALL SAF er and a instruct ocedures out this n nspect o ust or un nce is for ing with MPRESS or a dan or a dan or a such as or a dan or a such as or a dan or ssed o s or glow % isopro clean op oficiencie on detect EWP/PP in this b nal Prot he curre o for app ements.	ETY PR pply loc ion. Ref is to prop nachine lust cor nusual o und not any fur SED OR ed, an al s a HEP np rag n or blown res, cam opyl alco tical eq es to yo tion. E: pulletin ective E propriate	ECAU kouts er to coerly s oberly s dition debris ify sup ther ac BLOV ternat A filte nair. (bel hai ohol w uipme ur sup may ro quipn rical V e PPE	ITIONS. when current shut ns. Check . If any pervisor ction on WN AIR tive red be used Only r vipes ent. bervisor equire nent Vork and	1	All			
SAFETY STATEMENT	2	Comply Various (SDS) m of the p current and av reorderi current appropr Dispose local procedu	with all a product ay be un rocedur SDS for vailable ng such SDS be iate per of all o waste ares.	SDS info s requiri tilized d es in th each p to all a produ reques rsonal p chemica manag	ormation ing Safe uring th is bulle roduct I empl ict, it is ted. Re protecti Is in ac ement	n. ety Da le per tin. Ei used oyees sugge fer to ve ec corda poli	ta Sheets formance nsure the is on file s. When ested that SDS for quipment. ance with cy and		All			

U.S. Postal	Service		IDENTIFICATION											
Maintenance	Check	list	WORK CODE		I	EQUIP ACRC	MENT NYM		CI C	LASS ODE	NU	MBER	TYPE	
			0 3	A F	P	S			Α	Α	0	0 1	М	
Equipment Nomenclature	e e Des		Equipme	nt Model				Bulletin File	ename		Occurre	nce	4	
Automated Packa Svste	ge Proc m	essing						mm	15109			eCBI	VI	
Derter	14		T 1-	01-1		L	4		F . 4	N.45		T I	L.L.	
Part or	No	(Task Comply wi	Statemer	nt and	instruc	contio	ne)	ESI.	IVIIN. Skill	Dup	Diego	Frog	
Component		C C			ent sa	ety pr	scaulo	113)	Req	Lev	Hours	Field	Fieq.	
									(min)			(000)		
APPS SYSTEM:	3**	Power d	own an	dlock	out p	ower			17	All			D	
POWER DOWN				WA	RNIN	G								
		Ston	o o o o o to	ined in	thio	bull	otin .	aquira						
		the	use	of F	Perso	nal	Pro	tective						
		Equi	oment (PPE). Work	Refe	r to	the c	current						
		appro	opriate	PPE	7 Ia 6	and	bai	rricade						
		requi	rements	6.										
		Perform the SMS	an order comput	ly shut er.	down	of th								
		Power de	own and	lock ou	it pov	/er as	s pres	cribed by						
		the curre lockout/r	ent local estore p	lockout rocedur	instru es by	action an A	s prov	viding trained						
		employe	e.		,									
FEED SUBSYSTEM:	4**	Perform Unloade	mail se ers (3) or	arch oi n side d	n the one.	Feed	l Sub	system:	3	07			D	
APCU AND PUN SIDE 1		1. Rem	ove cov	ers and	pane	els as	nece	ssary.						
		2. Sear	ch for m	ailpiece	es.									
		3. Repo	ort conve	eyor bel	t dan	nage.								
		4. Repl	ace all c	overs a	nd pa	anels								
		5. Cheo	ck that a	ll equip	ment	guar	ds are	in place.						
		6. Retu prop	rn all ma er mail p	ail found bath.	l duri	ng m	ail sea	arch to the						
FEED SUBSYSTEM:	5**	Perform Unloade	mail se ers (3) or	arch oi n side t	n the wo.	Feed	l Sub	system:	3	07			D	
		1. Rem	ove cov	ers and	pane	els as	nece	ssary.						
		2. Sear	ch for m	ailpiece	es.									
		3. Repo	ort all vis	ible cor	iveyo	r beli	dama	age.						
		4. Repl	ace all c	overs a	nd pa	anels								
		5. Cheo	ck that a	ll equip	ment	guar	ds are	in place.						
		6. Retu prop	rn all ma er mail p	ail found bath.	l duri	ng m	ail sea	arch to the						

MMO-1	31-16
	01.10

U.S. Postal S	Service						IDENTIFICATION							
Maintenance	Checkl	ist	WORK CODE		EQL AC	JIPMENT RONYM	Г		CL CC	ASS DDE	NU	MBER	2	TYPE
			0 3	A P	P S	6			Α	Α	0	0	1	М
Equipment Nomenclature	; ne Proc	essina	Equipmer	nt Model		• • •		Bulletin File	name		Occurre	nce		
Syster	m	ocomg						mm	15109			eCE	SIVI	
Part or	ltem		Task	Statement	and Inst	ruction			Est.	Min.		Threst	nold	s
Component	No	(Comply wit	h all currer	nt safety	precautio	on	s)	Time	Skill	Run	Piec	es	Freq.
									Req (min)	Lev	Hours	Fec (000	d))	
FSD AND INDUCT	6**	Perform	mail sea	arch of t	he AP	PS on	si	de one.	42	07				D
SUBSYSTEM: SYSTEM SIDE 1		1. Usin liste follo	ig the rec d below; wing area	ommeno perform as.	led wa the ma	k sequ il searc	nce as of the							
		a.	Feed Sub	osystem:	Load I	Module								
		b.	Feed Sub	osystem:	Incline	Modu								
		C.	Singulatio Module	on Subsy	/stem:									
		d.	Singulatio Module	on Subsy	/stem:									
		e.	Singulatio Module	on Subsy	/stem:	Delta/A	۹li	gner						
		f.	Singulatio	on Subsy	/stem:	Meterir	٦g	Module						
		g.	Distributio Area	on Subsy	ystem:	Data C	ol	llection						
		h.	Distributio Address	on Subsy Recognit	ystem: tion Su	Automa bsystei	at m	ed						
		i.	Distributio Curve	on Subsy	ystem:	90 Deg	gre	ee Incline						
		j.	Distributio Speed Co	on Subsy urve	ystem:	90 Deg	gre	ee High						
		k.	Distributio Module/L	on Subsy .oad Belt	ystem: Conve	Sync yors								
		I.	Distributio Assembly and lowe	on Subsy y (empty r debris	ystem: debris pans).	Shoe S from a	So II	rter upper						
		m.	Distributio Module	on Subsy	ystem:	Recirc	ula	ation						
		n.	Induction Assembly	Subsyst ⁄	tem: Aı	uto Indu	uc	tion						
		0.	Induction Induction	Subsyst Station	tem: Se	emi-Au	to							
		2. For pane	each area els as neo	a list abo cessary.	ove, rer	nove co	ov	ers and						

U.S. Postal	Service							DENTIFIC	ENTIFICATION							
Maintenance	Checkl	list		WORK CODE		E A	QUIP ACRC	MENT NYM		CI C	LASS ODE	NU	MBER	TYPE		
				0 3	AP	Ρ	S			Α	Α	0	0 1	М		
Equipment Nomenclature	Э			Equipme	nt Model	1		I	Bulletin F	ilename		Occurre	nce			
Automated Packa	ge Proc	essii	ng						mr	n15109			eCB	M		
Syste	m															
Part or	Item			Task	Statement	and Ir	nstruc	tion		Est.	Min.		Thresh	olds		
Component	NO			(Comply wit	th all curre	nt safe	ety pre	cautio	ns)	Time	Skill	Run	Piece	Freq.		
										Req (min)	Lev	Hours	Fed			
													(000)			
		3.	Sea	rch for m	ailpieces	5.										
		4.	Rep	ort visible	e convey	or be	elt da	mage	.							
		5.	Rep	lace all c	overs an	d pa	nels	-								
		6	Che	ock that al		ient c	11121									
		0. 7			ii cquipili	alumiu	Juar									
		1.	Rett pror	urn all ma ber mail p	all found ath	aurin	g ma	all sea	arch to th	е						
			r- , ~ ŀ													
FSD AND INDUCT	7**	Perf	form	n mail sea	arch of t	the A	PPS	on s	ide two.	42	07			D		
SUBSYSTEM: SYSTEM SIDE 2		1.	Usir	ng the rec	commend	ded w	/alk	seque	ence as							
			liste follo	d below; wing are:	perform	the n	nail s	earch	n of the							
			0.00	Eagd Suk	as.		d Ma	dula								
			а.		, isystem	LUa										
			b.	Feed Sut	osystem:	Incli	ne N	lodule								
		1	C.	Singulation Module	on Subsy	ysten	n: Ur	I-Stac	ker							
			d.	Singulatio Module	on Subsy	ysten	n: Tr	affic C	Control							
			e.	Singulatio Module	on Subsy	ysten	n: De	elta/Al	igner							
			f.	Singulatio	on Subsv	ysten	n: Me	etering	g Module							
			g.	Distributio	on Subs	ysten	n: Da	ata Co	ollection							
			h.	Distributi	on Subs	ysten	n: Au	Itoma	ted							
				Address	Recogni	แบก จ	Sanc	ysterr	1							
			Ι.	Distributi Curve	on Subs	ysten	n: 90	Degr	ee Inclin	e						
			j.	Distributi Speed C	on Subs <u>y</u> urve	ysten	n: 90	Degr	ee High							
			k.	Distributi Module/L	on Subs oad Belt	ysten t Con	n: Sy veyc	nc ors								
			I.	Distribution Assembly and lowe	on Subsy y (empty r debris	ysten debr pans	n: Sh ris fro).	ioe So om all	orter upper							
			<u>m.</u>	<u>Distributi</u>	on <u>Sub</u> s	ysten	n: Re	<u>ecircu</u>	lation							

MMO-1	31-16
-------	-------

U.S. Postal S	Service	IDENTIFICATION														
Maintenance	Check	list	WORK CODE		EC A	QUIP CRO	MENT NYM		CL CC	ASS DDE	NU	IMBEF	२	TYPE		
			0 3	A P	Ρ	S			Α	Α	0	0	1	М		
Equipment Nomenclature	e Proc		Equipme	nt Model				Bulletin File	ename		Occurre	ence				
System	95 F100 m	essing						mm′	15109			eC	ЗM			
Part or	ltem		Task	Statement	and In	struc	tion		Fet	Min		Three	hold	s		
Component	No	(Comply wit	th all curre	nt safet	tv pre	caution	ns)	Time	Skill	Run	Piec	es	Frea		
Component			eep.j		in ouro	., 6		,	Req (min)	Lev	Hours	Fe	d	1109.		
											(00	0)				
			Module													
		n. I	Induction	ı Subsys v	tem: /	Auto	ction									
			Induction	, Subsve	tem [.] S	Sem	i_∆utc	,								
			Induction	Station		00111	i / tate	•								
		2. For e	For each area list above, remove covers and panels as necessary.													
		3. Sear	Search for mailpieces.													
		4. Repo	Search for mailpieces. Report visible conveyor belt damage.													
		5. Repl	Report visible conveyor belt damage. Replace all covers and panels.													
		6. Che	ck that al	ll equipm	ient g	uarc	ls are	in place.								
		7. Retu prop	ırn all ma er mail p	ail found ath.	during	g ma	ail sea	irch to the								
SORTER	8**	Perform	mail se	arch on	the S	orte	er Sul	osystem	0.03*	07				D		
SORTER		Sorter A	ssembly	y. 												
ASSEMBLY			ch for m		aneis	5 85	nece	55al y.								
		2. Jean	ort carrie	alipieces r train nh	Neica	eh la	mana									
		4 Repl	lace all c	overs an	d nar	nels	mage									
		5. Che	ck that al	ll equipm	ient a	uaro	ls are	in place.								
		6. Retu	ırn all ma	ail found	durinę	g ma	ail sea	irch to the								
		*Multinli	iod By: (Carrior C	مالو											
	Q**	Cloan A	APS and			<u>e an</u>	d Eac	etecan	30	00	8					
FASTSCAN:	9	side one	ANS and 9.		opiic	5 an	ura	siscan	50	03	0					
LASERS, CAMERAS, MIRRORS, FASTSCAN SIDE 1		WARNIN requirec alcohol. Discard local pro combus	NG: PPE I by the Alcoho alcohol ocedures tion.	must be current ol is a fla soaked s to prev	e proj SDS v imma mate vent s	perly whe ble erials spor	y use n usi liquic s acc ntane	d as ng I. ording to ous								
		WARNIN cool bef	G: Allov	w suffici dling Illı	ient ti Imina	ime atior	for la n Mod	mps to lules.								
		CAUTIO	N: To pr	revent p	remat	ture	lamo	failure.								

Maintenance Checklist WORK CODE EQUIPMENT ACRONYM CLASS CODE NUMBER I 0 3 A P P S A A 0 0 1 Equipment Nomenclature Automated Package Processing System Equipment Model Equipment Model Bulletin Filename mm15109 Occurrence eCBM	TYPE
0 3 A P P S A A 0 0 1 Equipment Nomenclature Equipment Model Bulletin Filename Occurrence Automated Package Processing System Filename Occurrence eCBM	
Equipment Nomenclature Equipment Model Bulletin Filename Occurrence Automated Package Processing mm15109 eCBM System state state	M
Automated Package Processing mm15109 eCBM System	
System	
Part or Item Task Statement and Instruction Est. Min. Thresholds	
Component (Comply with all current safety precautions) Time Skill Run Pieces	Freq.
(min) Lev Hours Fed	
Allow a minimum of 30 minutes for lamps to cool before cleaning or handling. Do not re- apply power to lamps immediately, allow 30 minutes before power is re-applied. NOTE: The recommended implement for dusting off the APPS camera mirrors is a camel hair brush - 3 inches wide with at least 2 inch long bristles would be adequate. Care must be taken not to touch the bristles with anything that can impart oils - such as the skin of your hand. The camel hair brush should also be cleaned off after each use. This can be done with a vacuum cleaner or by brushing it against the corner of a clean surface. If mirror has oil contamination, clean using isopropyl wipes only (Part# MG-824W50 - SDS Sheet 5.1 CDRL040). If required after cleaning with isopropyl alcohol wipes, use Tansen TX404 fine grain optics lint free cloth. 1. Clean AARS camera and laser mirrors, Illumination Module glass, and camera lenses with a microfiber glove or a clean camel hair brush (AARS Tunnel). 2. Clean TLDI Reference Plate with a damp cloth. 3. Clean AARS camera mirror, Illumination Module glass, and camera lenses with a microfiber glove or a clean camel hair brush (AARS Tunnel). 4. Clean Fastscan array with micro fiber gloves. AARS, DCS AND FASTSCAN: LASERS, CAMERAS, MIRRORS, FASTSCAN SIDE 2 10** Clean AARS and Laser optics and Fastscan alcohol. Alcohol is a flammable liquid. Discard alcohol soaked materials according to local procedures to prevent spontaneous combustion. 30 09 8	

MMO-131-16

U.S. Postal	Service						IDENTIFICA	TION			•	
Maintenance	Check	list	WORK CODE		EQUII ACR	PMENT ONYM		CL	ASS ODE	NU	IMBER	TYPE
			0 3	A P	P S			Α	Α	0	0 1	М
Equipment Nomenclature	е		Equipme	nt Model			Bulletin Fil	ename	1	Occurre	ence	
Automated Packa	ge Proc	essing					mm	15109			eCBN	I
Syste	m											
Part or	Item		Task	Statement	and Instru	ction		Est.	Min.		Threshol	ds
Component	No	(Comply wit	h all currer	nt safety n	recautio	ns)	Time	Skill	Run	Dieces	Erea
Component		(comply with		it ballety p	couulo	10)	Req	Lev	Hours	Fed	rieq.
								(11111)			(000)	
		CAUTIO allow a l cool bef apply po minutes NOTE: ⁻ off the A - 3 inche would be touch th oils - su hair brus use. This by brus surface. using iso SDS SF cleaning TX404 fi 1. Clea	N: To pr minimum fore clea ower to l before The reco PPS can es wide e adequa e bristle ch as the sh should s can be hing it If mirr opropyl w heet 5.1 with isop ne grain n AARS	revent print of 30 m ning or 1 amps im power is mmende hera mirr with at leate. Can s with at e skin of d also be a done w against or has of wipes on CDRL0 propyl allo optics lin camera a	rematur ninutes handlin re-app ed imple ors is a east 2 in re must nything your ha e cleane ith a va the cor oil conta ly (Parts 40). I cohol wi t free cleane and lase	e lamp for lar g. Do ely, all ied. ment f camel hch lor be tal that c and. d off cuum ner of aminat # MG- f requ bes, us oth. r mirror	o failure, mps to not re- low 30 or dusting hair brush ng bristles ken not to can impar The came after each cleaner o f a clear ion, clear 824W50 ired afte se Tanser					
		with brus 2. Clea	a microfi h (AARS n TLDI F	ber glove Tunnel) Reference	e or a cle e Plate v	ean ca	mel hair damp					
		3. Clea Mod micro (Sen 4. Clea	n AARS ule glass ofiber glo ni-Auto T n Fastso	camera i a, and car ove or a c unnel).	mirror, II mera ler clean ca with mid	lumina s with nel ha rro fibe	ation a air brush ar gloves					
				array			3.0100.					
FSD AND INDUCT SUBSYSTEM: DAILY CLEANING SIDE 1	11**	Clean be one. 1. Rem 2. Rem forei blocl	elts, rolle nove cove nove strin gn objec ks, and p	ers, and ers and p gs, wrap ts from a hotoeyes	photoe panels as ping ma Il belts, r s.	yes or neces terials ollers,	n side ssary. , and all bearing	30	07	8		
		3. Clea	n all pho	toeyes w	hth Micro	o tiber	gloves.					
		4. Clea sens	n traffic o or photo	control co eyes usii	onveyor ng a clea	KORE an dan	vision p cloth.					

U.S. Postal	Service				ENTIFICAT	TIFICATION										
Maintenance	Check	list	WORK CODE			E(A		MENT NYM			CL	ASS ODE	NU	JMBE	ĒR	TYPE
			0 3	Α	Ρ	Ρ	S				Α	Α	0	0	1	М
Equipment Nomenclature	9		Equipme	nt Mo	odel	I			E	Bulletin File	ename		Occurre	ence	. 1	
Automated Packag	ge Proo	cessing								mm1	15109		eCBM			
Syste	r ti															
Part or	Item		Task	State	ement	and In	nstruc	tion			Est.	Min.		Thre	eshold	s
Component	NO	(Comply wi	th all	currer	nt safe	ty pro	ecautio	ons	s)	Time	Skill	Run	Pie	eces	Freq.
													Hours		ea	
														(0	00)	
		5. Clea	n the po	sitio	n ser	isor a	arra	/ betv	ve	en the						
		three	e Auto In	g an iduc	u 45 t lane	aegi s usi	ing a	a brus	yo sh.							
		6 Repl	ace all c	ove	rs an	d par	nels									
	10**				and	n pai				aida	20	07	0			
SUBSYSTEM:	12	two.	ens, roll	ers,	and	huo	ioey	62 OI	รเนย	30	07	Ó				
DAILY CLEANING		1. Rem	ove cov	ers a	and p	anels	s as	nece	sarv.							
SIDE 2		2 Rem	ove strir	nue	wran	nina	mat	erials		and all						
		forei	gn objec	ts fr	om a	ll bel	ts, r	ollers,	, c , b	bearing						
		bloc	ks, and p	phote	beyes	S.										
		3. Clea	n all pho	otoey	/es w	ith N	licro	fiber	gl	loves.						
		4. Clea sens	n traffic or photo	cont eye	rol co s usir	onvey	yor l clea	KORE n dan	E v np	/ision o cloth.						
		5. Clea sync three	n the po hronizin e Auto In	sitio g an duc	n ser d 45 t lane	nsor a degr es usi	arrag ee c ing a	/ betv onve a brus	ve yo sh.	en the ors on all						
		6. Repl	ace all c	ove	rs an	d par	nels									
SORTER	13	Clean S	orter Ph	oto	eyes	on s	ide	one.			15	07	48			
DAILY CLEANING SIDE 1		Remove clean all Check th that the i	covers a photoey at the pl mounting	and es v hoto g hai	pane vith N eyes rdwai	ls as licro are r re is :	nec fibe not c secu	essar glov lama ıre.	ry, ′es ge	, and s. ed and						
		NOTE: C Encoder compute losing tra RTFs on when thi photoeye window, the mach	Cleaning photoey r is powe ack of po startup. s task is es requir reboot th nine.	Prin ves v ered ositio Th perf re cle he S	nary a vhile on m on and e SC forme eanin C pri	and S the S nay re d sub shou shou ed. If g dui or to	Seco Sort esul oseq uld b the ring atte	ondar Contr t in th uent of e pov enco the pi mptin	y (oll en we ode roo	Sorter ler (SC) APPS ncoder ered off er cessing to start						
		1. Clea phot	n Prima oeyes.	nd Se	conc	lary	Sorte	Encoder								
		2. Clea	n Before	e-Re	work	phot	oey	ə.								
		3. Clea	n Bin 50	1 ch	nute p	hoto	eye									
		4. Clea	n After-F	Rew	ork pl	hotoe	eye.									

MMO-131-16

U.S. Postal	Service							I	IDE	NTIFICA	ΓΙΟΝ					
Maintenance	Check	list	WORK CODE			EC A	QUIP CRO	MENT NYM			CL CC	ASS DDE	NU	IMBE	R	TYPE
			0 3	А	Ρ	Ρ	S				Α	Α	0	0	1	М
Equipment Nomenclature			Equipme	nt Mod	del			•	В	ulletin File	ename		Occurre	ence		
Automated Packa	ge Proc m	cessing								mm	15109			eC	CBM	
				_							_					
Part or	Item No		Task	Staten	nent a	and In	struc	tion			Est. Time	Min. Skill		Thre	shold	s
Component		(Comply wit	th all c	urrent	t safet	ty pre	ecautio	ons)		Req		Run Hours	Pie F	eces ed	Freq.
											(min)	LUV		(0	00)	
		E Clos	n Paaan	toring	a nha	otoo	(00									
		5. Clea	an Recentering photoeyes.													
		6. Clea (SAI	an Sort A S) encod	ccura ler ph	acy Ir hotoe	npro eyes.	vem	ient S	sys	tem						
		7. Clea	an SAIS I													
		8. Rep	lace all c													
SORTER	14	Clean S	orter Ph	otoey	yes (on si	ide	two.			10	07	48			
SUBSYSTEM:		Remove	covers a	and p	anel	s as	nec	essar	ry a	ind						
SIDE 2		clean all	photoey	es wi	ith M	icro 1	fiber	glov	es.	ا م م ما						
		that the	all photoeyes with Micro fiber gloves. < that the photoeyes are not damaged and ne mounting hardware is secure.													
		1. Clea	e mounting hardware is secure.													
		2. Clea	an Before-Rework photoeye. an Bin 503 chute photoeye.													
		3. Clea	an After-F	Rewo	rk ph	notoe	eye.									
		4. Clea	an Recen	tering	g pho	otoey	/es.									
		5. Clea (SAI	an Sort A S) encoc	ccura ler ph	acy Ir hotoe	npro eyes.	vem	nent S	Sys	tem						
		6. Clea	an SAIS I	mage	ər.											
		7. Rep	lace all c	overs	s and	l pan	els.									
APPS SYSTEM:	15	System	vacuum	clea	ning	y sch	nedu	ıle, si	ide	one.	30	07				D
CLEANING SIDE 1		Using a and mai schedule	HEPA va I transpoi e:	acuun rt har	n, cle dwai	ean e re on	equij 1 the	pmen follo	nt fra win	ame Ig						
		NOTE: (imaging	Compute electroni	r cabi cs ar	inets e no	, ima t incl	agin ude	g opti d in tł	ics, his	and task.						
		1. Rem acce	emove guarding as necessary to gain cess to the following:													
		2. Satu Con	ırday: Un veyors R	culati												
		3. Sun Con Con	day: Loa veyor(s), veyors (F	cline (s), U)	tacker											
		4. Mon Aligi 2-1	iday: Trat ner Conv thru Sx-5	ffic Co eyors -4)	ontro s, Me	ol cor eterin	nvey ig C	/or(s) onvey	, D yor	elta s (Sx-						

U.S. Postal	Service					l	IDENTIFICA [®]	TION				
Maintenance	Check	list	WORK CODE		EQUI ACR	PMENT ONYM		CL	LASS ODE	NU	MBER	TYPE
			0 3	A P	P S			Α	Α	0	0 1	М
Equipment Nomenclature	9		Equipmer	nt Model		1 1	Bulletin File	ename		Occurre	nce	
Automated Packag	ge Proc	cessing					mm	15109			eCBN	1
Syste	m											
Part or	Item		Task	Statement	and Instru	ction		Est.	Min.		Threshol	ds
Component	No	(Comply wit	h all curre	nt safety p	recautio	ns)	Time	Skill	Run	Pieces	Freq.
								Req (min)	Lev	Hours	Fed	
											(000)	
		5. Tue: 1-1	sday: Dat thru DCx-	ta Collec -2-2)	tion Sub	systen	n(s) (DCx-					
		6. Wed	Inesday:	90-Degr	ee Inclir	e Con	veyor(s),					
		90-0	Degree Hi	igh Spee	ed Conve	eyor(s)	, Sync					
		Con thru	veyors ar Dx-2-1)	nd Load	Belt Cor	iveyor	(IX-1-1					
		7. Thu Sem	rsday: Au ni-Auto Ro	ito and S oller Con	emi-Aut veyors	o Indu	ctions(s),					
		8. Frida	av: Shoe	Sorter	•							
		9 Rep	, lace anv	removed	l quardir	na						
	16	Svotom		oloonin	a oobor		ida two	20	07			
PERIODIC CLEANING SIDE 2	10	Using a and mai schedule	HEPA va I transpor e:	t hardwa	lean equ are on th	ipmen e follov	t frame wing	00				
		NOTE: (imaging	Computer electroni	r cabinet cs are no	s, imagi ot includ	ng opti ed in tl	cs, and nis task.					
		1. Rem	nove guar access to	rding as the follo	necessa owing	ry to g	ain					
		2. Satu Con	ırday: Un veyors R:	loaders a x-1-1 thr	and Rec u Rx-2-3	irculati 3	on					
		3. Sun Con Con	day: Loac veyor(s), veyors (F	d Convey Dosing x-1-1 th	yor(s), Ir Conveyo ru Sx-1-	icline or(s), U 7)	Instacker					
		4. Mon Aligi 2-1 t	day: Traf ner Conve thru Sx-5	fic Contr eyors, M -4)	ol conve etering	eyor(s) Convey	, Delta yors (Sx-					
		5. Tue: 1-1 1	sday: Dat thru DCx-	ta Collec -2-2)	tion Sub	systen	n(s) (DCx-					
		6. Wec 90-E Con thru	Inesday: Degree Hi veyors ar Dx-2-1)	90-Degr igh Spee nd Load	ee Inclir ed Conve Belt Cor	e Conv eyor(s) iveyor	veyor(s), , Sync (Tx-1-1					
		7. Thu Sem	rsday: Au ni-Auto Ro	ito and S oller Cor	emi-Aut iveyors	o Indu	ctions(s),					
		8. Frida	ay: Shoe	Sorter								

MMO-131-16

U.S. Postal	Service						IDENTI	IFICATIO	ON					
Maintenance	Check	list	WORK CODE		EQUI ACR	PMENT ONYM		CL C(ASS ODE	NU	IMBEF	२	TYPE	
			0 3	A P	P S				А	Α	0	0	1	М
Equipment Nomenclature			Equipme	nt Model			Bulle	tin Filen	ame	<u>'</u>	Occurre	ence		
Automated Packag	ye Proc m	essing						mm15	5109			eCl	ЗM	
	L			<u></u>										
Part or	Item No		l ask	Statement	and Instru	liction		-	Est. Time	Min. Skill		Ihres	hold	s
Component		(0	Comply wi	th all currer	nt safety p	recautio	ns)		Req	Lev	Run Hours	Piec Fe	æs d	Freq.
								((11111)			(00	0)	
		9 Repl	ace anv	removed	l quardi	าต				1				
SODTED	17	Sortor W				0 6*	07				1			
SUBSYSTEM:	17	Sorter v			•	•		,	0.0	07				1
PERIODIC		sides. to	D of pow	er rails. f	rame m	ember	norall s and							
CLEANING		cabling.	Remove	and reir	nstall gu	arding	as							
		necessa	ry to gair	n access	to sorte	r comp	onen	its.						
		*Multipli	ed By: (Carrier C	ells									
CANVAS TENTS &	18	Vacuum	Tent Er	nclosure	s and S	MCC	Wirew	vay	70	07				26
PERIODIC					af tha t			.						
CLEANING SIDE 1		require a	access i	uming o using a p	or the te	d lift o	r ladd	der						
		as acces	ss perm	its. Foll	ow loca	l safe	ty							
		policies	and pro	ceaures			aer us	se.						
		AARS te	vnen vao nts also ination M	vacuuming vacuum lodule.	top of S the exp	emi-Al osed p	uto an ortion	na i of						
		1. Using wirev Rem signs sche	g a HEP way from ove any s of dam duling of	A vacuur the SM0 debris a age to ap f correctiv	n, clear CC to th nd repo opropria ve actio	the el e Sorte t any v te pers n.	evate er. /isible sonnel	ed e I for						
		2. Using sides tent o	g a HEP s (as nec enclosur	A vacuur cessary) es:	n, clear of the fo	the to llowing	p and g canv	l vas						
		a. A	AARS Tu	unnel										
		b. S	Semi-Au	to Tunne	I									
		c. 5	SAI Imag	ger Tent										
CANVAS TENTS:	19	Vacuum	Tent Er	nclosure	s on si	de two	•		60	07				26
PERIODIC		WARNIN	IG: Vacı	uuming	of the te	ent top	os will	I						
		require a as acces policies	access u ss perm and pro	using a p its. Follo cedures	owere ow loca for lift	d lift o I safet or lad	r ladd ty der us	der se.						
		NOTE: V AARS te the Illumi	Vhen vao nts also ination M	cuuming vacuum lodule.	top of S the exp	emi-A osed p	nd i of							
		Using a l (as nece	HEPA va ssarv) of	acuum, cl f the follo	ean the wing ca	top ar nvas t	nd side ent	es						

U.S. Postal S	Service						IDENTIFICA [®]	TION					
Maintenance	Check	list	WORK CODE	NU	MBER	TYPE							
			0 3	A P	P S			Α	Α	0	0 1	М	
Equipment Nomenclature)		Equipme	ent Model	l	1 1	Bulletin File	ename		Occurre	nce		
Automated Packag	ge Proc	essing					mm	15109			eCBM		
Syste	m												
Part or	Item		Task	Statement	and Instru	iction		Est.	Min.		Threshold	ls	
Component	No	((Comply wi	ith all currer	nt safety p	recautio	ns)	Time	Skill	Run	Pieces	Freq.	
								Req (min)	Lev	Hours	Fed		
								()			(000)		
		enclosur	es:										
		1. AAR	S Tunne	2									
		2 Som	i Auto T	unnel									
		3. SALI	mager I	lent									
FEED	20**	Check s	afety ba	arriers or	ı side o	ne.		2	07			1	
SUBSYSTEM: SAFETY		Unloadei	rs thru S	hoe Sort	er and F	Recircu	lation						
BARRIERS SIDE 1		Conveyo	r.										
		1. Verif to flo	y unload or.	der guard	ing is se	curely	anchored						
		2. Cheo	ck for mi	ssing, loc	se, or o	lamage	ed safety						
		barri gates	ers (Lex s, etc.).	an panels	s, wire r	nesh s	creens,						
		3. Corre orde	ect issue r and no	e or gene tify Supe	rate cor rvisor a	rective s neces	work ssary.						
FEED	21**	Check s	afety ba	arriers or	side t	vo.		2	07			1	
SUBSYSTEM: SAFETY BARRIERS SIDE 2		Unloadei Conveyo	rs thru S r.	hoe Sort	er and F	Recircu	lation						
		1. Verif to flo	y unload or.	der guard	ing is se	curely	anchored						
		2. Cheo barrio gates	ck for mi ers (Lex s, etc.).	ssing, loc an panels	ose, or c s, wire r	lamage nesh se	ed safety creens,						
		3. Corre orde	ect issue r and no	e or gene tify Supe	rate cor rvisor a	rective s neces	work ssary.						
FEED	22	Check A	PCU an	nd PUN c	onditio	n (3) o	n side	9	09	140	600		
SUBSYSTEM:		one.				-							
APCU AND PUN SIDE 1		1. Cheo stops	eck for damaged or missing container										
		2. Cheo leaki	ck hydra ng fitting										
		3. Cheo for le traffio parts	ck condit eaks. Ot c, falling s which c	tion of ho bserve for parcels, could cau	ses and ^r damaç or abra se a fut	fittings le caus sion by ure lea	s. Check sed by foot moving k to						

U.S. Postal	Service						I	IDE	NTIFICAT	TION					
Maintenance	Checkl	list	WORK CODE		E	EQUIP ACRC	MENT NYM			CL CC	ASS DDE	NU	IMBE	R	TYPE
			0 3	A P			Α	Α	0	0	1	М			
Equipment Nomenclature)		Equipmer	nt Model				В	ulletin File	ename		Occurre	ence		
Automated Packag	ge Proc	essing							mm1	15109			eC	вм	
Syste	m														
Part or	ltem		Task	Statement	and I	nstruc	tion			Fst	Min		Thre	shold	c
Component	No				nt oof			n a)		Time	Skill	Dum			с Глан
Component		(Comply wit	ii all cuire	ni sar	ety pre	cautio	115)		Req	Lev	Hours	Fie	ces ed	Freq.
										(min)	LUV		(00	00)	
		occu	occur.												
		4. Cheo	Check Unloader frame for damage or loose												
		floor	anchors	. Check	for o	crack	s and	m	etal						
		fatigu	ue at pivo	ot points	neai	Verify									
		Clevi	s pin reta	aining ha	are is	e and									
		- ol													
		5. Cheo	ck hydrau	ulic fluid	l usir	glass da fluid									
		if req	unit is in juired. U	Oil 32.											
		6. Cheo	Check fluid for evidence of water												
		conta	amination	om											
		partie	culates (e	examine	san	nple o	on blo	ottei	r).						
		7. Gene	erate cor	rective v	vork	orde	r and	not	tify						
		Supe	ervisor as	s necess	ary.										
FEED SUBSYSTEM:	23	Check A two.	PCU and	d PUN c	ond	ition	(3) o	n s	side	9	09	140	6	00	
APCU AND PUN SIDE 2		1. Cheo stops	ck for dar s.	maged c	or mis	ssing	conta	aine	er						
		2. Cheo leaki	ck hydrau ng fitting	ulic cylin s and ho	ders oses,	for b , or le	roken aking	n or J se	r eals.						
		3. Cheo by fo movi to oc	ck hoses ot traffic, ng parts cur.	and fittii , falling p which c	ngs f barce ould	ⁱ or da els, o caus	image r abra e a fu	e ca asic itur	aused on by re leak						
		4. Cheo floor fatigu clevis secu	Check Unloader frame for damage or loose floor anchors. Check for cracks and metal fatigue at pivot points and near welds. Verify clevis pin retaining hardware is in place and secure.												
		5. Cheo while if req	Check hydraulic fluid level using sight glass while unit is in the lowered position. Add fluid if required. Use CITGO A/W Hydraulic Oil 32												
		6. Cheo conta overl partio	ck fluid fo aminatior heating, f culates (e	or evider n (cloudy unusual examine	ice o /), di odoi san	of wat scolo r, and nple o	er oratior l/or ex on blo	n fro xce ottei	om essive r).						
		7. Gene Supe	erate cor ervisor as	rective v s necess	vork ary.	orde	r and	particulates (examine sample on blotter). Generate corrective work order and notify Supervisor as necessary.							

U.S. Postal S	Service						11	DENTIFICA	TION				
Maintenance	Check	list	WORK CODE		EQ AC	UIPME CRONY	NT M		CL	LASS ODE	NU	MBER	TYPE
			0 3	A P	P	S			Α	A	0	0 1	М
Equipment Nomenclature Automated Packag	e ge Proc	essing	Equipme	nt Model	i			Bulletin Fil mm	ename 15109		Occurre	^{nce} eCBM	
Syster	m												
Part or	Item		Task	Statement	and Ins	tructior	n		Est.	Min.		Threshold	s
Component	No	(Comply wit	h all currer	nt safety	v preca	utior	ıs)	Time	Skill	Run	Pieces	Freq.
									Req (min)	Lev	Hours	Fed (000)	
FEED	24	Check P	UN Rail	and Rol	ler Co	onditi	on	side one	. 1*	09	140	600	
SUBSYSTEM: PUN RAILS AND		1. Cheo roller	ck for dai rs.	maged, s	eized	, or m	issi	ng					
ROLLERS SIDE 1		2. Cheo	ck rails fo	or damaq	e (ver	ify the	ev a	re not					
		roug crac	h due to ked).	failed rol	lers, g	louge	d, b	ent, or					
		3. Note	any defi	ciencies	and re	eport	ther	m to					
		*Multipli	ed By: F	PUN Side	ə 1.								
FEED	25	Check P	UN rail a	and rolle	er con	ditior	n si	de two.	1*	09	140	600	
SUBSYSTEM: PUN RAILS AND		1. Cheo rollei	ck for dai rs.	maged, s	eized	, or m	issi	ng					
NOLLENG SIDE 2		2. Cheo roug cracl	ck rails fo h due to ked).	or damag failed rol	le (ver lers, g	ify the Jouge	ey a d, b	ent, or					
		3. Note supe	any defi rvisor.	ciencies	and re	eport	ther	m to					
		*Multipli	ed By: F	PUN Side	9 2 .								
FEED	26	Check b	reather/	fill caps	side (one (3	3).		3	07	3600	16200	
APCU AND PUN HYDRAULIC UNITS		Check re holes. If replace t	eservoir o the vent he cap a	ap for cl holes ar s necess	ogged e plug ary.	brea ged,	ther clea	/fill cap an or					
SIDE I		Correct i and notif	ssue or g y Superv	generate ⁄isor as n	correc	ctive v ary.	vorł	k order					
FEED	27	Check b	reather/	fill caps	side t	wo (3	3).		3	07	3600	16200	
SUBSYSTEM: APCU AND PUN HYDRAULIC UNITS SIDE 2		Check re holes. If replace t	eservoir o the vent he cap a	ap for cl holes ar s necess	ogged e plug ary.	brea ged,	ther clea	r/fill cap an or					
		Correct i and notif	ssue or g y Superv	generate visor as n	correc	ctive v ary.	vorł	< order					
FEED SUBSYSTEM:	28	Change one.	Unloade	er hydra	ulic fl	uid (3	io (n side	60	07	21600	97200	
APCU AND PUN HYDRAULIC UNITS SIDE 1		Remove hydraulic Hydraulic	old hydr fluid. U c Oil 32.	aulic fluic se 15 ga	d and i Ilons o	replac of CIT	ce w GO	vith new A/W					

MMO-131-16

Maintenance Checklist WORK CODE EQUIPMENT ACRONYM CLASS CODE NUMBER 0 3 A P P S A A 0 0 Equipment Nomenclature Automated Package Processing System Equipment Model Equipment Model Bulletin Filename mm15109 Occurrence eCl Part or Component Item No Task Statement and Instruction (Comply with all current safety precautions) Est. Time Req (min) Min. Lev Threes Hours	M M M M S Freq. 0
Image: Nomenclature Automated Package Processing System Equipment Model Bulletin Filename mm15109 Occurrence eCI Part or Component Item No Task Statement and Instruction (Comply with all current safety precautions) Est. Min. Three Req (min) Skill Lev Filename recommenciation (Comply with all current safety precautions) Min. Three Req (min) Three Req (min)	M M Dids S Freq. 0
Equipment Nomenclature Automated Package Processing System Equipment Model Bulletin Filename mm15109 Occurrence eCl Part or Component Item No Task Statement and Instruction (Comply with all current safety precautions) Est. Time Req (min) Min. Skill Lev Threes Hours	M M Freq. 0
Automated Package Processing System mm15109 eCl Part or Component Item No Task Statement and Instruction (Comply with all current safety precautions) Est. Time Req (min) Min. Skill Lev Threst Hours	V plds Freq. 0
Part or Item Task Statement and Instruction Est. Min. Thres Component No (Comply with all current safety precautions) Est. Min. Est. No Lev Hours Fe (00)	olds Freq. 0
Part or ComponentItem NoTask Statement and Instruction (Comply with all current safety precautions)Est.Min.ThresReq (min)Image: Complex complex componentComplex componentImage: Complex complex complex complex componentImage: Complex comple	olds Freq. 0
Component (Comply with all current safety precautions) Time Skill Run Piece (min) Lev Hours Fe	s Freq.
(min) Lev Hours Fe	0
	0
	0
Replace oil filter.	0
FEED29Change Unloader hydraulic fluid (3) on side600721600972OURDY/GTEM29Change Unloader hydraulic fluid (3) on side600721600972	
APCILAND PUN	
HYDRAULIC UNITS Remove old hydraulic fluid and replace with new	
SIDE 2 Hydraulic Oil 32.	
Replace oil filter.	
FEED30Check F-1-1 belting condition side one.4071440650)
SUBSYSTEM: 1. Remove side guarding on one side of the	
SIDE 1 conveyor.	
2. Check conveyor belt for damage such as cracks or holes in the belt slats.	
3. Check belt tension by observing belt sag	
under conveyor. Recommended sag limit is approximately 30 mm above bottom of aluminum side frame. If belt is hanging below aluminum side frame of conveyor, belt must be adjusted so as not to hang below the side frame. If the belt cannot be adjusted, slats must be removed to achieve proper tension.	
 Measure the overall length of forty belt slats in inches. If the length exceeds 83 inches the entire belt and all sprockets should be scheduled for replacement. Mixing new belt sections with worn sections will cause uneven wear and shorten belt and sprocket life. 	
5. Check conveyor bed for breakage.	
6. Replace guarding.	
 Correct issue or generate work order and notify Supervisor as necessary. 	
NOTE: When performing corrective maintenance as a result of this check to remove slats to shorten belt, the drive sprockets must be checked for wear. Excessive pin and slat pin hole wear may indicate belt section or entire belt replacement may be necessary. Additional information on belt evaluation, ordering	

U.S. Postal S	Service						IDENTIFICA	TION				
Maintenance	Checkl	list	WORK CODE		EQU ACF	PMENT ONYM		CL	LASS ODE	NU	MBER	TYPE
			0 3	A P	P S			Α	Α	0	0 1	М
Equipment Nomenclature)		Equipme	nt Model		1	Bulletin Fil	ename		Occurre	nce	
Automated Packag	ge Proc	essing					mm	15109			eCBM	
Syster	m											
Part or	Item		Task	Statement	and Instr	uction		Est.	Min.		Threshold	ls
Component	No	(Comply wi	th all currer	nt safety p	recautio	ns)	Time	Skill	Run	Pieces	Frea.
							,	Req	Lev	Hours	Fed	
								(11111)			(000)	
		APPS Lo Manager	oad Belt ment Orc									
FEED	31	Check F	-1-1 bel	tina con	dition s	ide tw	0.	4	07	1440	6500	
SUBSYSTEM:	01	1 Dom						0.				
LOAD CONVEYOR		conv	ove side evor.	guarding	y on on	e side d						
SIDE 2		2. Cheo	ck conve	yor belt f	or dam	age suo	ch as					
		3. Cheo unde	er conve	vor. Rec	observ							
		appr	oximatel	y 30 mm	above							
		alum	inum sid	le frame.	If belt	s hang	ing below					
		alum	linum sid diusted s	le frame	of conv to hand							
		fram	e. If the	belt can	not be a	djusted	d, slats					
		must	be remo	oved to a	chieve	proper	tension.					
		4. Meas inche entire	sure the es. If the e belt an	overall le e length e d all spro	ength of exceeds ockets s	forty b 83 inc hould b	elt slats in hes the be					
		sche secti wear	duled fo ons with and sho	r replace worn se orten belt	ment. I ctions v and sp	/lixing i vill caus rocket	new belt se uneven life.					
		5. Cheo	ck conve	yor bed f	or brea	kage.						
		6. Repl	ace gua	rding.								
		7. Corr notify	ect issue y Superv	e or gene visor as n	rate wo ecessa	rk orde y.	r and					
		NOTE: V as a resu belt, the wear. Ex indicate f may be r	Vhen per ult of this drive spr ccessive belt sect necessar	forming check to rockets n pin and ion or en y.	correcti remov nust be slat pin tire belt	ve mair e slats checke hole w replace						
		Additiona and spro APPS Lo Manager	al inform cket con bad Belt ment Orc	ation on figuration Inspectio der.	belt eva n can be n Maint	luation found enance	, ordering in the e					
FEED	32	Check F	-1-1 gea	rbox co	ndition	on sid	4	07	480	2160		
SUBSYSTEM: LOAD CONVEYOR		1. Rem	ove side	guarding	g suffici	ent to a	access					

MMO-131-1	6
-----------	---

U.S. Postal	Service						IDE	NTIFICA	TION			•	
Maintenance	Check	ist	WORK CODE		EQU ACI	IPMENT RONYM	-		CL CC	ASS DDE	NU	MBER	TYPE
			0 3	A P	P S				Α	Α	0	0 1	М
Equipment Nomenclature	e ao Proc	essing	Equipmer	nt Model			В	ulletin File	ename		Occurre	nce	
Syste	m	essing						mm	15109			eCBM	
Part or	Itom		Task	Statement	and Inst	ruction			Fet	Min		Threshold	le
Component	No	(Comply wit	h all currer	nt safetv	precautio	ons)		Time	Skill	Run	Pieces	Freq
Component		、	oop.y				,		Req (min)	Lev	Hours	Fed	1104.
												(000)	
SIDE 1		gear	box.										
		2. Cheo	ck gearbo	ox for lea	ıks.								
		3. Cheo loose	ck motor eness or	power ca visible da	able co amage	nnectoı	rs f	or					
		4. Cheo visib abra	ck cabling le signs o sions, or	g running of damag discolora	g benea je such ation.	ath conv as cut	vey s,	or for					
		5. Repl	ace guar	ding.									
		6. Gen Supe	erate cor ervisor as	rective w	vork oro arv.	ler and							
FEED	33	Check F	-1-1 <u>dea</u>	rbox co	ndition	on sid	4	07	480	2160			
SUBSYSTEM: LOAD CONVEYOR SIDE 2		1. Rem gear	iove side box.	guarding	g suffic	ient to a	acc	ess		07	100	2100	
		2. Cheo	ck gearbo	ox for lea	ıks.								
		3. Cheo loose	ck motor eness or	power ca visible da	able co amage	nnectoı	rs f	or					
		4. Cheo visib abra	ck cabling le signs o sions, or	g running of damag discolora	g benea je such ation.	ath conv as cut	vey s,	or for					
		5. Repl	ace guar	ding.									
		6. Gen Supe	erate cor ervisor as	rective w s necess	vork oro ary.	ler and	no	tify					
FEED	34	Check F	-1-2 gea	rbox co	ndition	on sid	de c	one.	4	09	480	2160	
SUBSYSTEM: INCLINE		1. Rem gear	iove side box.	guarding	g suffic	ient to a	acc	ess					
		2. Cheo	ck gearbo	ox for lea	ıks.								
		3. Cheo loose	ck motor eness or	power ca visible da	able co amage	nnectoı	rs f	or					
		4. Cheo moto brak	ck for bra or brake t e wear.	ike dust a hat may	around indicat	F-1-2 c e exces	re /e						
		5. Cheo visib abra	ck cabling le signs o sions, or	g running of damag discolora	g benea je such ation.	ath conv as cut	vey s,	or for					

U.S. Postal	Service							IDENTIFICA	TION					
Maintenance	Check	list	WORK CODE		ļ	EQUIF ACRC	MENT DNYM		CL C	LASS ODE	NU	IMBEF	२	TYPE
			0 3	Α	P	S			Α	Α	0	0	1	М
Equipment Nomenclature	,		Equipme	ent Mode	I			Bulletin Fil	ename		Occurre	ence		
Automated Packag	ge Proc m	essing						mm	15109			eCl	BM	
- Oyoto	1	1							1	-				
Part or	Item No		Task	Stateme	ent and	Instruc	tion		Est.	Min.		Thres	hold	S
Component			(Comply w	ith all cu	rent sa	fety pr	ecautio	ns)	Time Req	Skill	Run Hours	Piec Fe	es d	Freq.
									(min)	Lev		(00	0)	
		6 Cł	neck conve	evor be	d for ł	oreak	ade							
		7 Cł		avor he	lt whe	re it r		sover						
		dri	ve pulley,	looking	for d	ebris	wrapp	bed						
		ar	ound drive	pulley	unde	rneat	n belt.							
		8. Re	eplace gua	rding.										
		9. Ge Si	enerate co ipervisor a	rrective s nece	e work ssary.	orde	r and							
FEED	35	Check	F-1-2 gea	arbox	condi	tion o	on sid	e two.	4	09	480	21	60	
SUBSYSTEM: INCLINE		1. Re ge	emove side arbox.	e guarc	ing su	ufficie	nt to a	access						
		2. Cł	neck gearb	ox for	eaks.									
		3. Cł vis	neck motor sible dama	⁻ powei ge.	cable	e for l	oosen	ess or						
		4. Ch ma bra	neck for br otor brake ake wear.	ake du that m	st arou ay ind	und F icate	-1-2 d exces	lrive sive						
		5. Cł vis ab	neck cablir sible signs rasions, o	ng runn of dam r discol	ing be lage s oratio	eneatl uch a n.	n conv is cuts	veyor for S,						
		6. Cł	neck conve	eyor be	d for k	oreak	age.							
		7. Cł dri are	neck conve ve pulley, ound drive	eyor be looking pulley	lt whe for d undei	re it p ebris rneatl	asses wrapp belt.	s over bed						
		8. Re	eplace gua	rding.										
		9. Ge Su	enerate co ipervisor a	rrective s nece	e work ssary.	orde	r and	notify						
FEED	36	Clean	and lube	drive o	chains	s (2) (on sid	le one.	20	09	600	27	00	
SUBSYSTEM: LOAD AND INCLINE		1. Re an	emove gua d Incline (irding f Convey	or Loa or F-1	id Co -2 dri	nveyo ve cha	r F-1-1 ains.						
CONVEYORS SIDE		2. Cl ter su ter ter up	ean and cl nsioner for ch as miss nsioner if i eth or does slack in c	neck ch misali sing or t is dan s not ha hain.	nain, s gnmer narrov naged ave er	tets, a excess eeth. n as m sprin	nd sive wear Replace hissing g to take							

MMO-131-16

U.S. Postal S	Service					l	DENTIFICA	TION				
Maintenance	Check	list	WORK CODE		EQUIP ACRC	MENT NYM		CL	ASS DDE	NU	MBER	TYPE
			0 3	A P	P S			Α	Α	0	0 1	М
Equipment Nomenclature Automated Packa Syste	e ge Proc m	cessing	Equipmer	nt Model			Bulletin File	ename 15109		Occurre	^{nce} eCBM	
Part or	Item		Task	Statement	and Instruc	tion		Est.	Min.		Threshold	ls
Component	No	("	Comply wit	h all curren	t safety pro	ecautior	าร)	Time Req (min)	Skill Lev	Run Hours	Pieces Fed (000)	Freq.
		 Lubr Conv K68 Repl Gene Supe 	icate Loa veyor F-1 or equiva ace guar erate cor ervisor as	ad Conve I-2 triplex alent cha rding. rective w s necessa	yor F-1- [.] drive ch in oil). ork orde ary.	1 and lains (r and l	Incline Febis notify					
FEED	37	Clean ar	nd lube c	drive cha	ains (2) d	on sid	e two.	20	09	600	2700	
SUBSYSTEM: LOAD AND INCLINE CONVEYORS SIDE 2		 Rem and Clea tensi such tensi teeth up sl Lubr Conv K68 Repl Gen Supe 	ove guar Incline C n and ch ioner for a s missi ioner if it n or does ack in ch icate Loa veyor F-1 or equiva ace guar erate cor ervisor as	rding for l onveyor eck chain misalignr ing or na is damag not have hain. ad Conve l-2 triplex alent cha rding. rective w s necessa	Load Co F-1-2 dri n, sprock ment or e rrowed to ged, such e enough yor F-1- d drive ch in oil). ork orde ary.	nveyo ve cha excess eeth. a as m spring 1 and hains (r F-1-1 ains. nd sive wear Replace lissing g to take Incline Febis					
FEED SUBSYSTEM: DOSING AND UNSTACKER CONVEYOR MOTORS (S-1-1 THRU S-1-7 BELTS) SIDE 1	38	Check n one. 1. Rem gear 2. Chec loose 4. Chec visib abra 5. Repl 6. Gen Supe	notor and ove side box. ck gearbo ck motor eness or ck cabling le signs o sions, or ace guar erate cor ervisor as	d gearbo guarding ox for lea power ca visible da g running of damag discolora rding. rective w s necessa	ox condi g sufficie ks. able conr amage. g beneath e such a ation. ork orde ary.	tion o nt to a nector: n conv s cuts r and r	n side access s for reyor for s, notify	15	07	480	2160	

U.S. Postal	Service	• •					IDENTIFIC	CATION				
Maintenance	Check	list	WORK CODE		EQI AC	JIPMEN1 RONYM	-	CI C	LASS ODE	NU	MBER	TYPE
			0 3	A P	P S	S		Α	A	0	0 1	М
Equipment Nomenclature)		Equipmer	t Model			Filename		Occurre	nce		
Automated Packag	ge Proc	essing					m	m15109			eCBM	
Syste	m											
Part or	Item		Task S	Statement	and Inst	ruction		Est.	Min.		Threshold	s
Component	No	(Comply wit	n all curren	t safety	precauti	ons)	Time	Skill	Run	Pieces	Freq.
						•	,	Req	Lev	Hours	Fed	
								(11111)			(000)	
FEED SUBSYSTEM: DOSING AND UNSTACKER CONVEYOR MOTORS (S-1-1 THRU S-1-7	39	Check m two. 1. Rem gear 2. Cheo	ove side box. ck gearbo	d gearbo guarding ox for lea	y suffic ks.	idition	on side access	15	07	480	2160	
BELTS) SIDE 2		3. Cheo visib	ck motor le damag	power ca le.	able fo	r loosei						
		4. Cheo signs disco	ck cabling s of dama ploration.	g running age such	l bene as cu	ath con ts, abra	veyor foi sions, or	r -				
		5. Repl	ace guar	ding.								
		6. Gene Supe	erate corr ervisor as	rective w necessa	ork or ary.	der and	notify					
FEED	40	Check b	elt brusł	n conditi	ion or	side c	ne.	2	07	20	90	
SUBSYSTEM: DOSING AND UNSTACKER CONVEYORS (7 BELTS) SIDE 1		NOTE: D gap for d the full w downstre should fil touch the Vol B. Si for illustr Check be and prop debris. Correct i and notif	Decline be lebris to f ridth of th eam belt's Il the gap e full widt ngulation ations. elt brush ber adjust ssues or y Superv	elt brusho all throug e bottom s pulley. betweer h of both Alignme conditior ment. R generate isor as n	es are gh anc o of the Incline belts belts. ent & A n for ol emove ecorre	adjuste I should belt ui e belt b and sh See th Adjustm ovious o e any tr ective w ary.	ed with a I just tounder the rushes ould just ne MS-20 ent secti damage apped ork order	ch)2 on				
FEED	41	Check b	elt brusł	n conditi	ion or	side t	wo.	2	07	20	90	
DOSING AND UNSTACKER CONVEYORS (7 BELTS) SIDE 2		NOTE: E gap for d the full w downstre should fil touch the Vol B. Si for illustr Check be	Decline be lebris to f ridth of th eam belt's Il the gap e full widt ngulation ations.	elt brusho all throug e bottom s pulley. betweer h of both Alignme conditior	es are gh and of the Incline belts belts. ent & A	adjuste I should belt ui e belt b and sh See th Adjustm	ed with a l just tou- nder the rushes ould just ne MS-20 ent secti damage)2 on				

MMO-131-16

U.S. Postal	Service							I	IDI	ENTIFICAT	TION					
Maintenance	Check	list	WORK CODE			E	QUIP ACRC	MENT NYM			CL CC	ASS ODE	NU	JMBE	R	TYPE
			0 3	Α	P	Ρ	S				Α	Α	0	0	1	М
Equipment Nomenclature	;		Equipme	ent N	lodel				E	Bulletin File	ename		Occurre	ence		
Automated Packag	ge Proc m	essing								mm1	15109			eC	ВМ	
e yster																
Part or	Item No		Task	Stat	tement	and li	nstruc	tion			Est.	Min.		Thre	shold	s
Component		()	Comply wi	ith al	ll currer	nt safe	ety pre	ecautio	ons	5)	Req	SKIII	Run Hours	Pie	eces ed	Freq.
											(min)	Lev	riouro	(0	00)	
		and prop debris. Correct i and notif	er adjustment. Remove any trapped ssues or generate corrective work order y Supervisor as necessary. CM belting condition on side one.													
SINGULATION	42	Check T	CM belt	ting	conc	litio	n on	side	0	ne.	7	09	140	6	00	
SUBSYSTEM: TRAFFIC CONTROL		1. Rem moto	CM belting condition on side one. ove side guarding sufficient to access rs and drive belts. ck strip belts (18) for damage, lacing ration debris fraving or signs of													
CONVEYORS (S-2- 1 THRU S-2-6) SIDE 1		2. Cheo sepa impe	rs and drive belts. k strip belts (18) for damage, lacing ration, debris, fraying, or signs of nding breakage. k lower drive belts (6) and pulleys for													
		3. Cheo dama brea	nding breakage. k lower drive belts (6) and pulleys for age, debris, fraying, or signs of impendin kage.													
		4. Cheo	ck motor	mo	ounts f	or c	rack	S.								
		5. Reir	nstall sid	le g	uardir	ıg.										
		6. Gene Supe	erate co ervisor a	rrec is no	tive w	ork ary.	orde	r and	no	otify						
SINGULATION	43	Check T	CM belt	ting	conc	litio	n on	side	tv	NO.	7	09	140	6	00	
SUBSYSTEM: TRAFFIC CONTROI		1. Rem moto	ove side ors and c	e gu drive	iarding e belts	g suf s.	ficie	nt to a	ac	cess						
CONVEYORS (S-2- 1 THRU S-2-6) SIDE 2		2. Cheo sepa impe	ck strip b ration, c ending br	belts debr real	s (18) ris, fra kage.	for c ying	lama , or s	ge, la signs o	aci of	ing						
		3. Cheo dama brea	ck lower age, det kage.	driv oris,	ve bel frayir	ts (6 ng, o) and r sig	l pulle ns of i	ey: im	s for pending						
		4. Cheo	ck motor	mo	ounts f	or c	rack	S.								
		5. Rein	nstall side guarding.													
		6. Gene Supe	erate corrective work order and notify ervisor as necessary.							otify						
SINGULATION SUBSYSTEM:	44	Check b one.	elting a	nd	gearb	ox o	cond	ition	0	n side	5	09	140	6	00	
DELTA WING ALIGNER CONVEYOR SIDE 1		1. Rem Delta	ove side a Wing c	e gu conv	iard to /eyors	acc	ess	under	rsi	ide of						
		2. Cheo	ck cente	r be	elt con	ditio	n for	dama	ag	je,						

U.S. Postal	Service						I	IDEN	NTIFICA	ΓΙΟΝ					
Maintenance	Check	list	WORK CODE		E	EQUIF ACRC	MENT NYM			CL	ASS ODE	NU	JMBE	R	TYPE
			0 3	A P	Р	S				Α	Α	0	0	1	М
Equipment Nomenclature	9		Equipme	nt Model				Bu	lletin File	ename		Occurre	ence		
Automated Packag	ge Proc	cessing							mm	15109			eC	ВM	
Syste	m														
Part or	ltem		Task	Statemer	nt and	Instruc	tion			Est	Min		Three	shold	s
Component	No		(Comply wi	th all curr	ont cof	foty pr		ne)		Time	Skill	Dup	Die	000	Frog
Component					ciii Sai	ety pr	scaulo	115)		Req	U au	Hours	Fe	ed	Fleq.
										(min)	Lev		(00)0)	
SINGULATION SUBSYSTEM: DELTA WING ALIGNER CONVEYOR SIDE 2	45	 lacir impo Che debi brea Che belts debi brea Che conv leak Reir Che conv leak Reir Gen Sup Check to two. Ren Delt Che lacir impo Che belts Che belts 	ng separa ending br ck vertica ris, frayin akage. ck condit s (3) for c ris, frayin akage. ck gearb veyor, an s. nstall gua erate con ervisor a pelting a nove side a Wing c ck center ng separa ending br ck vertica ris, frayin akage. ck condit s (3) for c ris, frayin	ation, de reakage al belt c ig, or sig tion of c damage ig, or sig oxes (ve arding. rrective s neces nd gear e guard r belt co ation, de reakage al belt c ig, or sig tion of c damage	ebris, onditions of onver, lacir onver, lacir ertica h roll work sary. 'box to acc ss. onditions onver, lacir onver, onver, onditions onver, onver, sary.	frayii ion fo f imp yor b ng se f imp I and er co orde cess on for frayii ion fo f imp yor b ng se f imp	r dam ed roll parati ending cente nveyo r and lition under dama ng, or r dama ending ed roll parati	sign nage g ler c on, g or be noti or be sign age, sign age, g ler c on,	ns of e, drive ed) for ify side e of , ns of e, drive	5	09	140	6	00	
		brea 5. Che conv leak	ikage. ck gearb veyor, an s.	oxes (v id 3 eac	ertica h roll	l and er co	cente nveyo	er or be	ed) for						
		6. Reir	nstall gua	arding.											
		7. Gen Sup	erate col ervisor a	rrective s neces	work sary.	orde	r and	noti	ify						
SINGULATION	46	Check r	notor co	ndition	on s	ide o	one.			1	07	720	32	200	
SUBSYSTEM:		1. Rem	nove side	e guardi	ng su	fficie	nt to a	acce	ess						

MMO-1	31-16
-------	-------

U.S. Postal	Service						I	DEN	TIFICAT	ΓΙΟΝ			•	
Maintenance	Check	list	WORK CODE		EC A	QUIP CRC	MENT NYM			CL CC	ASS DDE	NU	MBER	TYPE
			0 3	A P	Р	S				Α	Α	0	0 1	М
Equipment Nomenclature	Э		Equipmer	nt Model				Bull	etin File	ename		Occurre	nce	
Automated Packag	ge Proc	essing							mm′	15109			eCBM	
Syste	m													
Part or	Item		Task	Statement	and In	struc	tion			Est.	Min.		Threshold	ls
Component	No	(Comply wit	h all currer	it safet	ty pre	ecaution	ns)		Time	Skill	Run	Pieces	Frea.
			.,					,		Req (min)	Lev	Hours	Fed	
										()			(000)	
METERING		moto	re								1	[1	
CONVEYOR			лз. . <i>.</i>											
MOTORS (S-5-1		2. Cheo	CK MOTOR	power ca	able c	Conr	ector	s for	ofina					
THRU S-5-4) SIDE		disco	ploration.	or signs	of m	eltir	id.		anny,					
1		3 Cher	, ck cablin		hon	oath			r for					
		s. cried visib	le sians o	of damad	ie suo	eau ch a	s cuts	eyoi S.						
		abra	sions, or	discolor	, ation.			,						
		4. Cheo	ck motor	for signs	of da	ama	ge su	ch a	s					
		disco	oloration	or emittir	ng de	bris								
		5. Repl	ace guar	ding.										
		6. Gene	erate cor ervisor as	rective w	ork o arv	orde	and	notif	У					
		Cupt			ury.									
SINGULATION	47	Check n	notor co	ndition o	on sie	de t	wo.			1	07	720	3200	
		1. Rem moto	iove side ors.	guardin	g suff	icie	nt to a	icces	SS					
MOTORS (S-5-1		2. Cheo	ck motor	power ca	able c	conr	ector	s for						
THRU S-5-4) SIDE		loose	eness or	visible d	amag	je si	uch as	s cha	afing,					
2			pioration,	or signs		eitir	ig. Noonv		r for					
		visib abra	le signs or	of damag	je suo ation.	ch a	s cuts	су01 5,						
		1 Cha	ok motor	for signs	of de	amo	<u></u>	ch c	e					
		disco	oloration	or emittir	ng de	bris	ye su	ura	3					
		5. Repl	ace guar	ding.										
		6. Gen	erate cor	rective w	ork o	orde	and	notif	y					
		Supe	ervisor as	s necess	ary.									
SINGULATION SUBSYSTEM:	48	Check d	rive belt	and spi	ocke	et co	onditi	on o	on	12	09	7200	35000	
POLY CHAIN		Chook	ondition	of not y of	oin h		and	onro	okoto					
DRIVE BELTS SIDE		on the fo	llowina c	onvevor	s for p	bulle	evs wi	th sh	harp					
1		edges, o	r belts w	ith tears,	miss	ing	teeth,	or	· F-					
		improper	tension:											
		1. Rem	iove guai	rding as ı	neces	ssar	у							
		2. Dosi S-1-	ng and L 7 (7). 6 to	Jnstackei o 7 lbs. a	r Con t 0.25	ivey 5".	ers S-	-1-1	thru					
	1	1	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		•							1	1	

U.S. Postal S	Service						IDENTIFICA	TION				
Maintenance	Check	list	WORK CODE		EQUI ACR	PMENT ONYM		CL	ASS ODE	NU	MBER	TYPE
			0 3	A P	P S			Α	Α	0	0 1	М
Equipment Nomenclature			Equipme	nt Model	·	·	Bulletin File	ename		Occurre	nce	
Automated Packag	ge Proc m	essing					mm	15109			eCBM	
								1				
Part or	Item No		Task	Statement	and Instru	iction	(m. m.)	Est.	Min.		Threshold	s
Component		()	Comply wi	th all currer	it safety p	recautio	ns)	Req	SKIII	Run Hours	Pieces Fed	⊦req.
								(min)	Lev		(000)	
		3. Delta 6 lbs	a Wing A . at 0.25	ligner Ve ".	ertical B	elt S-4-	·2 (1), 5 to					
		4. Mete 5 lbs	ering Cor . at 0.25	nveyors S ".	6-5-1 th	u S-5-	4 (4), 4 to					
		5. Repl	ace any	removed	guardi	ng						
		6. Gene	erate cor	rective w	ork ord	er and	notify					
	10	Supe Chock d	ervisor a	s necess	ary.	onditi	00 00	12	00	7200	35000	
SUBSYSTEM:	43	side two).	t and spi	UCKEL	Jonun		12	03	7200	33000	
POLY CHAIN DRIVE BELTS SIDE 2		Check co on the fo edges, o improper	ondition llowing o r belts w tension	of poly ch conveyors ith tears, :	nain beli s for pul missinę	s and s leys wi j teeth,	sprockets ith sharp or					
		1. Rem	ove gua	rding as I	necessa	iry						
		2. Dosi S-1-3	ng and L 7 (7), 6 te	Jnstackei o 7 lbs. a	r Conve t 0.25".	yers S	-1-1 thru					
		3. Delta 6 lbs	a Wing A . at 0.25	ligner Ve ".	ertical B	elt S-4-	2 (1), 5 to					
		4. Mete 5 lbs	ering Cor . at 0.25	nveyors S ".	6-5-1 th	u S-5-	4 (4), 4 to					
		5. Repl	ace any	removed	guardi	ng						
		6. Gene Supe	erate cor ervisor a	rective w s necess	vork ord ary.	er and	notify					
DISTRIBUTION	50	Check R	R-1-1 mo	tor and g	gearbo	on si	de one.	6	09	300	1350	
SUBSYSTEM: R-1-1 CONVEYOR		1. Rem gear	ove side box.	guarding	g suffici	ent to a	access					
		2. Cheo	ck gearb	ox for lea	ıks.							
		3. Inspe dama	ect moto age.	r power o	able fo	loose	ness or					
		4. Inspe signs	ect cabliı s of dam	ng runnin age.	g benea	ath con	veyor for					
		5. Inspe acce	ect belt a lerated v	and beari wear (em	ngs for itting de	signs o bris) o	of r damage.					
		6. Repl	ace gua	rding.								
		7. Gene	erate cor	rective w	ork ord	er and	notifv					

MMO-1	31-16
-------	-------

U.S. Postal S	Service						l	IDENT	IFICAT	TION			•		
Maintenance	Check	list	WORK CODE		E	EQUIF ACRC	MENT NYM			CL CC	ASS ODE	NU	JMBE	R	TYPE
			0 3	A P	Ρ	S				Α	Α	0	0	1	М
Equipment Nomenclature			Equipme	nt Model				Bulle	tin File	ename		Occurre	ence		
Automated Packag	ge Proc m	essing							mm1	15109			eC	BM	
Oyster	11														
Part or	Item		Task	Statemen	t and I	Instruc	tion			Est.	Min.		Three	shold	S
Component	NO	(Comply wit	th all curre	ent saf	ety pr	ecautio	ns)		Time Rea	Skill	Run	Pie	ces	Freq.
										(min)	Lev	Hours	(00	ea 10)	
													(***	- /	
		Supe	ervisor a	s necess	sary.										
DISTRIBUTION	51	Check R	R-1-1 mo	tor and	gea	rbox	on si	de tw	/0.	6	09	300	13	50	
SUBSYSTEM: R-1-1 CONVEYOR		1. Rem gear	ove side guarding sufficient to access box.												
		2. Cheo	ck gearb	ox for le											
		3. Insp dam	ect moto age.	r power	ness	or									
		4. Inspe signs	ect cablii s of dam	r for											
		5. Insp acce	ect belt a lerated v	and bear wear (en	ings hitting	for s g deb	igns o oris) o	nage.							
		6. Repl	ace gua	rding.											
		7. Gen Supe	erate cor ervisor a	rrective v s necess	work sary.	orde	r and	notify	'						
DISTRIBUTION	52	Check R	2-2-3 mo	tor and	gea	rbox	on si	de or	ne.	6	09	600	27	00	
SUBSYSTEM: R-2-3 CONVEYOR SIDE 1		1. Rem gear	ove side box. Ch	e guardir eck gea	ıg su rbox	fficie for le	nt to a eaks.	acces	s						
		2. Insp dam	ect moto age.	r power	cable	e for	loosei	ness	or						
		3. Insp signs	ect cablii s of dam	ng runni age.	ng be	enea	th con	iveyoi	r for						
		4. Inspe acce	ect belt a lerated v	and bear wear (en	ings nitting	for s g det	igns o oris) o	of r dam	nage.						
		5. Repl	ace gua	rding.											
		6. Gen Supe	erate cor ervisor a	rrective v s necess	work sary.	orde	r and	notify	'						
DISTRIBUTION	53	Check R	-2-3 mo	tor and	gea	rbox	on si	de tw	/0.	6	09	600	27	00	
SUBSYSTEM: R-2-3 CONVEYOR SIDE 2		1. Rem dear	ove side box. Ch	e guardir eck dea	- ig su rbox	fficie for le	nt to a eaks.	acces	s						
		2. Inspe dama	ect moto age.	r power	cable	e for	loosei	ness	or						
		3. Insp signs	ect cabliı s of dam	ng runni age.	ng be	enea	th con	iveyoi	r for						
		4. Insp	ect belt a	and bear	ings	<u>fo</u> r s	igns o	of							

U.S. Postal	Service					I	DENTIFICA	ΓION				
Maintenance	Check	list	WORK CODE		EQUIF ACRC	MENT NYM		CL C	LASS ODE	NU	MBER	TYPE
			0 3	A P	P S			Α	Α	0	0 1	М
Equipment Nomenclature	Э		Equipmer	Bulletin File	ename		Occurre	nce				
Automated Packa	ge Proc	essing					mm	15109			eCBM	
Syste	m											
Part or	Item		Task	Statement	and Instruc	tion		Est.	Min.		Threshold	S
Component	NO	(Comply wit	h all currer	nt safety pr	ecautior	ns)	Time	Skill	Run	Pieces	Freq.
								(min)	Lev	Tiours	(000)	
	1			,						1	(000)	
		acce	lerated w	vear (em	itting det	oris) or	damage.					
		5. Repl	ace guar	ding.								
		6. Gen	erate cor	rective w	ork orde	r and i	notify					
		Supe	ervisor as	s necess	ary.							
FEED SUBSVSTEM	54	Check c	ables an	nd wiring) on side	e one.		27	07	7200	35000	
CABLES, WIRING,		Check th	e physic	al conditi	on of all	exterr	nally					
CONNECTORS,		terminati	ons in th	e Feed S	Subsyste	m for l	ooseness					
AND TERMINATIONS		or visible	signs of	damage	such as	cuts,						
SIDE 1		abrasion	s, or disc er and no	coloration	n. Gener ervisor a	ate co s nece	orrective					
				$\sim 1 \text{ thru}$	2 (2)	3 11000						
					5 (5)							
		2. FOD	-DCC-1									
		3. FSD										
		4. FSD	-DCC-2 t	thru 5 (4)								
		5. DDS	S									
		6. FSD	-DCC-6									
		7. FSD end	-DCC-E- of AARS	STOP-JE tunnel)	BOX (at o	downs	tream					
		8. FSD conv	-DCC-6、 reyor)	JBOX (in	board si	de of C	C-2-1					
		9. FSD	-DCC-7 a	and FSD	-DCC 8							
FEED	55	Check c	ables an	nd wiring	on side	two.		27	07	7200	35000	
SUBSYSTEM: CABLES, WIRING, CONNECTORS, AND TERMINATIONS SIDE 2		Check t accessib terminati or visib abrasion work ord	he phys le cabl ons in th le signs s, or dis er and no	sical cor les, wir e Feed S s of da coloratio otify Sup	ndition co ing, co Subsyste amage n. Gen ervisor a	f all nnecto m for such erate s nece	externally ors, and looseness as cuts, corrective essary.					
		1. FSD	-UNL-DC	C 1 thru	3 (3)							
		2. FSD	-DCC-1									
		3. FSD	-MCC									
			-DCC-2 +	hru 5 (1)								
		<u>г</u> . 13D	-000-21	unu 5 (4)								

MMO-131-16	
------------	--

U.S. Postal S	Service							IDEN	ITIFICAT	ΓΙΟΝ				
Maintenance	Check	list	WORK CODE		E(A	QUIP \CRC	MENT NYM			CL CC	ASS DDE	NU	MBER	TYPE
			0 3	A P	Ρ	S				Α	Α	0	0 1	М
Equipment Nomenclature	e No Droc	Pessing	Equipme	nt Model	. <u> </u>		i	Bu	lletin File	ename		Occurre	nce	
Syster	<u>m</u>	cooniy							mm′	15109			eCBN	
Part or	ltem		Taek	Statement	and In	nstruc	tion			Fet	Min		Threshol	de
Component	No	()	Comply wit	th all currer	nt safe	etv pre	ecautio	ns)		Time	Skill	Run	Pieces	Freq
			, ···					,		Req (min)	Lev	Hours	Fed	1104.
													(000)	
		5. DDS	S											
		6. FSD	-DCC-6											
		7. FSD	-DCC-E-	STOP-J	вох	(at c	lowns	strea	am					
		end	of AARS											
		8. FSD conv	-DCC-6 . reyor)	JBOX (in	boar	d sid	le of (-1						
		9. FSD	-DCC-7	and FSD	-DCC	C-8								
FEED	56	Clean Le	exan par	nels on s	side	one				45	07	6000	28800	
SUBSYSTEM:		F-1-1 thr	u Shoe S	Sorter.										
SIDE 1		1. Rem	ove all L	exan par	nels									
		2. Clear	n both si	des of al	Lexa	an p	anels	usi	ng					
		pape	r towels	and a mi	ld mu	ulti-p	ourpos	se , tha						
		pane	ls as neo	cessary.	a pro	1001	cuby	uic	•					
		3. Rese	ecure all	Lexan pa	anels									
FEED SUBSYSTEM:	57	Clean Le	exan par	nels on s	side	two.				45	07	6000	28800	
LEXAN PANELS		F-1-1 thr	u Shoe S	Sorter.										
SIDE 2		1. Rem	ove all L	exan par	nels									
		2. Clear pape	n both si r towels	des of al and a mi	l Lexa Id mu	an p ulti-p	anels ourpos	i usii se	ng					
		clear	ner. Wip	e the are	a pro	otect	ed by	the	•					
		3. Rese	cure all	Lexan pa	anels									
AARS/DCS	58	Check b	elting a	nd roller	con	ditic	on sid	le o	ne.	1	09	140	600	
TUNNEL: DCS BELTS SIDE 1		Check be for wear,	elt condit damage	tion on th e, and str	ie foll etchi	lowii ing:	ng cor	nvey	yors					
		1. AAR	S DCX 1	-1										
		2. AAR	S DCX 1	-2										
		3. AAR	S DCX 1	-3										
		4. AAR	S DCX 2	2-1										
		5. AAR	S DCX 2	2-2										
		6. Gene	erate cor	rective w	/ork d	orde	r and	noti	ify					

U.S. Postal Service			IDENTIFICATION												
Maintenance Checklist			WORK EQUIPMENT CLA CODE ACRONYM CO							CLASS CODE	NU	NUMBER TYPE			
			0 3	A P	Ρ	S			A	. Α	0	0 1	М		
Equipment Nomenclature			Equipme	nt Model			•	Bulletin	Filename)	Occurre	ence			
Automated Package Processing			mm						1m1510	9	eCBM				
Part or	ltem No	Task Statement and Instruction (Comply with all current safety precautions)								Min.		Threshold	ls		
Component										e ∣Skill I I.	Run Hours	Pieces Fed	Freq.		
) Lev		(000)			
	ervisor as	s necess	arv												
		Schedule helt for repairs if there are any holos													
		greater than 1" in diameter or if seam separation													
		occurs.	Trim off a	any frayi	ng be	elt eo	lges a	and							
	50	conect u			asn	eces	sary.				4.40	000			
TUNNEL: DCS	59	Спеск в	elting ai	nd roller	' con	ditic	n sid	e two.	1	09	140	600			
BELTS SIDE 2		Check be for wear,	elt condit damage	tion on the, and str	e foll etchi	lowii ng:	ng cor	iveyors							
		1. AAR	S DCX 1	-1											
		2. AAR	S DCX 1	-2											
		3. AAR	S DCX 1	-3											
	4. AAR	S DCX 2	2-1												
		5. AAR	S DCX 2												
		6. Gen Supe	erate cor ervisor as	rective w s necess	vork o ary.	orde	r and	notify							
		Schedule greater t occurs. correct tr	e belt for han 1" in Trim off a racking p	repairs i diamete any frayi oroblems	f ther er or i ng be as ne	re ar f sea elt eo eces	e any am se Iges a sary.	holes paratior and	ו						
AARS/DCS TUNNEL: DCX 1-2	60	Check S side one	cale Co	nveyor (geart	хос	condi	tion on	ı 1	07	600	2700			
METTLER SCALE		Check g	earbox fo	or leaks.											
		Generate Supervis	e correcti or as ne	ive work cessary.	orde	r an	d notif	ý							
AARS/DCS TUNNEL: DCX 1-2 METTLER SCALE CONVEYOR SIDE 2	61	Check S side two	cale Co	nveyor (geart	хос	condi	tion on	ı 1	07	600	2700			
		Check ge	earbox fo	or leaks.											
		Generate Supervis	e correcti	ive work cessary	orde										
AARS/DCS	62	Check d	rive belt	t conditi	on o	n sie	de on	е.	4	09	7200	35000			
TUNNEL: POLY CHAIN BELTS SIDE 1		Check co following or belts v tension:	5,												

MO-131-16

U.S. Postal Service			IDENTIFICATION												
Maintenance Checklist			WORK EQUIPMENT CODE ACRONYM							CI	_ASS ODE	NU	MBER	TYPE	
			0 3	A	P	Ρ	S			Α	A	0	0 1	М	
Equipment Nomenclature			Equipme	nt N	lodel				Bulletin F	ilename		Occurre	nce		
Automated Package Processing System			mm							n15109		eCBM			
Gystem															
Part or	Item No		Task Statement and Instruction							Est. Time	Min. Skill		Thresholds		
Component		(Comply with all current safety precautions)							Req	Lev	Run Hours	Pieces Fed	Freq.		
											Lev		(000)		
		2. AARS DUX 1-1 - 6 to / lbs. at .3125"													
		3. AARS DCX 1-2 - 5 to 7 lbs. at .25" to .5"													
		4. AAR	'S DCX 1-3 - 6 to 7 lbs. at .3125"												
		5. AARS DCX 2-2 - 10.5 to 12 lbs. at .75"													
	6. Repl	ace any removed guarding													
		7. Generate corrective work order and notify													
		Supe	Supervisor as necessary.												
	63	Check d	rive bel	t co	onditi	on o	n si	de two	э.	4	09	7200	35000)	
I UNNEL: POLY CHAIN DRIVE		Check co	k condition of poly chain belts on the												
BELTS SIDE 2		or belts v	J conveyors for pulleys with sharp edges, with tears, missing teeth, or improper												
		tension:													
		1. Remove guarding as necessary													
		2. AARS DCX 1-1 - 6 to 7 lbs. at .3125"													
		3. AAR	3. AARS DCX 1-2 - 5 to 7 lbs. at .25" to .5"												
		4. AAR	4. AARS DCX 1-3 - 6 to 7 lbs. at .3125"												
		5. AAR	5. AARS DCX 2-2 - 10.5 to 12 lbs. at .75"												
		6. Repl	6. Replace any removed guarding												
		7. Gene	7. Generate corrective work order and notify												
		Supe	Supervisor as necessary.												
IMAGE AARS: CABLES, WIRING, CONNECTORS	64	Check A	ARS ca	ble	s and	wiri	ing o	on sid	e one.	5	09	7200	35000)	
		Check th	e physic	al i	ntegri	ty of	all e	xterna	ally						
AND		accessib	ccessible cables, wiring, connectors, and erminations in the Image AARS Subsystem												
SIDE 1		(Tunnel a	Tunnel and Semi-auto).												
		1. Illum	1. Illumination Module cabling (5)												
		2. Cam	2. Camera cabling (5)												
		3. Generate corrective work order and notify													
		Supervisor as necessary.													
IMAGE AARS:	65	Check A	ARS ca	ble	s and	wiri	ing o	on sid	e two.	5	09	7200	35000)	
CABLES, WIRING,		Check the physical integrity of all externally													
CONNECTORS,		accessible cables, wiring connectors and									1				
U.S. Postal	Service					I	IDENTIFICA ⁻	ΓΙΟΝ							
---------------------------	---------	------------------------	----------------------------------	--------------------------------------	----------------------	-------------------	-------------------------	--------------	------------	---------	-----------	-------			
Maintenance	Check	list	WORK CODE		EQUII ACR	PMENT DNYM		CL C(ASS ODE	NU	MBER	TYPE			
			0 3	A P	P S			Α	Α	0	0 1	М			
Equipment Nomenclature	Э		Equipme	nt Model			Bulletin File	ename		Occurre	nce				
Automated Packa	ge Proc	essing					mm	15109			eCBM				
Syste	m														
Part or	Item		Task	Statement	and Instru	ction		Est.	Min.		Threshold	ls			
Component	No	(Comply wit	th all currer	nt safety p	ecautio	ns)	Time	Skill	Run	Pieces	Freq.			
								Req (min)	Lev	Hours	Fed				
								. ,			(000)				
AND		terminati	ons in th	e Image	AARS S	ubsys	tem								
TERMINATIONS		(Tunnel a	and Sem	i-auto).											
SIDE 2		1. Illum	ination N	/lodule ca	abling (5)									
		2. Cam	era cabli	ing (5)											
		3. Gen	erate cor	rective w	ork orde	er and	notify								
		Supe	ervisor as	s necess	ary.										
INDUCTION	66**	Check Ir	nduct sa	fety bar	riers on	side o	one.	2	07			1			
SUBSYSTEM:		Check for	or missing	g, loose,	or dama	ged sa	afety								
BARRIERS SIDE 1		barriers ((Lexan p	anels, wi	re mesh	scree	ns, gates,								
		Generate	e correct	ive work	order ar	d notif	У								
	67**	Chock Ir		foty bar	riore on	cido t		2	07			1			
SUBSYSTEM:	07	Check I				side i		2	07						
SAFETY BARRIERS SIDE 2		barriers ((Lexan p	g, ioose, anels, wi	re mesh	scree	ns, gates,								
		Conorat	- corroct	ivo work	ordor or	d notif	5.7								
		Supervis	or as ne	cessary.			у								
DISTRIBUTION	68	Check d	ebris ca	tch pans	s on sid	e one.		26	07	140	600				
SHOE SORTER SIDE 1		1. Rem and sorte	ove sho check de er convey	e sorter s ebris catc /or for:	ide cove h pans i	ers on under s	one side shoe								
		a. I	Excessiv	e debris	or oil.										
		b. I	Missing o	or damag or missin	ed soun g panels	d abso	orption								
		2. Rem	iove deb	ris.											
		3. Repl	ace all s	hoe sorte	er side c	overs									
		4. Gen	erate cor	rective w	ork orde	er and	notify								
DIOTRIDUTION		Supe	ervisor as	s necess	ary.		,	00	07	4.40	000				
	69		ebris ca	tcn pans	s on sid	e two.		26	07	140	600				
SHOE SORTER SIDE 2		1. Rem and sorte	ove sho check de er convey	e sorter s ebris catc /or for:	ide cove h pans i	ers on under s	one side shoe								
		a. I	Excessiv	e debris	or oil										

U.S. Postal	Service					l	DENTIFICA	ΓΙΟΝ		•		
Maintenance	Check	list	WORK CODE		EQUIF ACRO	MENT DNYM		CL	ASS ODE	NU	MBER	TYPE
			0 3	A P	P S			Α	Α	0	0 1	М
Equipment Nomenclature	Э		Equipmer	nt Model		II	Bulletin File	ename		Occurre	nce	
Automated Packag	ge Proc	cessing					mm	15109			eCBM	
Syste	m											
Part or	Item		Task	Statement	and Instru	ction		Est.	Min.		Threshold	ls
Component	NO	(Comply wit	th all currer	nt safety pr	ecautio	ns)	Time Reg	Skill	Run	Pieces	Freq.
								(min)	Lev	Hours	Fed (000)	
											(000)	
		b. I	Missing c	or damag	ed soun	d abso	orption					
		n	naterial o	or missing	g panels							
		2. Rem	ove debi	ris.								
		3. Repl	ace all sl	hoe sorte	er side c	overs						
		4. Gene Supe	erate cor ervisor as	rective w s necess	vork orde ary.	r and	notify					
FEED	70	Clean SI	hoe Sort	ter Rails	on side	one.		180	09	1800	8200	
SUBSYSTEM:		Cleaning	the rails	will prol	ong slat	weldm	ent wheel					
		life. Do i	not use s	olvent ba	ased cle	aners	which					
SIDE 1		could res	sult in de	gradatior	n of whe	el uret	hane.					
		1. Oper Sorte	n all side er.	doors o	n both si	des of	Shoe					
		2. Use uppe debr	a mild de er and lov is.	etergent wer rails	and a ra to remo\	g; clea ⁄e oil, (n the dirt, and					
		3. Verif loose	y wedge e.	s betwee	en rail se	ctions	are not					
		4. Cheo whee dama perp have whic (shin need	ck vertica els for da aged rub endicula e loose ha h are dan ny metalli led repai	al and ho image suber, flat r to the ru ardware. maged o c appear rs.	rizontal v ich as w spots, or olling sui Make r r impreg rance) ar	weldm neels w not face, o otes o nated nd sch	ent with or which of wheels with metal edule					
		5. Repl	ace all sl	hoe sorte	er side co	overs						
		6. Gene Supe	erate cor ervisor as	rective w s necess	vork orde ary.	r and	notify					
DISTRIBUTION	71	Clean SI	hoe Sort	ter Rails	on side	two.		180	09	1800	8200	
SUBSYSTEM: SHOE SORTER SIDE 2		Cleaning life. Do r could res	the rails not use s sult in de	will prol olvent ba gradatior	ong slat ased clea n of whe	weldm aners el uret	nent wheel which hane.					
		1. Oper Sorte	n all side er.	doors o	n both si	des of	Shoe					
		2. Use uppe debr	a mild de er and lov is.	etergent : wer rails	and a ra to remov	g, to cl re oil, o	lean the dirt, and					

U.S. Postal S	Service									IDE	ENTIFICA	ΓION					
Maintenance	Check	list	-	WORK CODE			E(A	QUIP ACRC	MENT NYM			CL	LASS ODE	NU	JMBE	ĒR	TYPE
			Ī	0 3	Α	Ρ	Ρ	S				Α	Α	0	0	1	М
Equipment Nomenclature				Equipme	nt Mo	del				В	Bulletin File	ename		Occurre	ence		
Automated Packag	ge Proo	cessing	3								mm	15109			eC	CBM	
Syster	n																
Part or	Item			Task	State	ment a	and Ir	nstruc	tion			Est.	Min.		Thre	shold	s
Component	NO		(C	Comply wi	th all c	curren	t safe	ety pre	ecautio	ons))	Time	Skill	Run	Pie	eces	Freq.
												(min)	Lev	Hours	F	ed	
															(0	00)	
		3. V	erify	/ wedge	es bet	twee	n rai	il seo	tions	s ar	re not						
		IO	ose														
		4. C	hec	k vertic	al an	d hoi	rizon	ital v	/eldm	nen	nt th						
		da	ama	aged ruk	ber,	flat s	spots	s wi s, or	not	wit	uı						
		pe	erpe	endicula	r to t	he ro	blling										
		ha	ave bich	loose h	ardw												
		(s	hin	v metall													
		ne	eede	, ed repa	irs.	•		,									
		5. R	epla	ace all s	hoe	sorte	r sid	le co	vers								
		6. G	ene	rate co	rrecti	ve w	ork d	orde	and	no	otify						
		S	upe	rvisor a	s nec	cessa	ary.				-						
DISTRIBUTION	72**	Chec	k Sł	hoe So	rter a	align	men	its o	n sid	le d	one.	20	09	600	27	700	
SUBSYSTEM:		Misad	ljust	ed or w	orn it	tems	whi	ch c	ontac	t c	arriage						
ALIGNMENTS SIDE		assen	nbly	pins w	ill cau	use p	oin da	ama	ge. li	nsp	pect the						
1		tollow	ing	items fo	or alig	gnme	ent, v	vear	or da	am	lage:						
		1. Re	emo	ove gua	rding	as n	eces	ssar	/								
		2. D	iver	ters SO	L1, S	SOL2	2, SC	DL3,	and S	SO	0L4.						
		a.	P	ins sho	uld p	ass	direc	tly t	nroug	jh t	these						
			d d	ivert po	ints v	vith r		onta a	ct whe	en	the						
			u		5 1101	activ		u.									
		D.	Ir W	ispect (lear or (jate a dama	arm, Ide	linka	ige,	and s	stop	ps for						
		3 In	 	oct Dive	rt Dai	il har	e for	- dar	0000								
		0. 11	spe		i i i i i i i i i i i i i i i i i i i		5 101	uai	laye.		-1:						
		4. In	ispe iils (4 small	. 4 la	BIOCI rae).	ks ai Ch	t the	ena c els mi	or c ille	alvert ed into						
		re	ceiv	ver bloc	ks sh	nould	be	smo	oth. L	Lar	rge						
		R	ece	iver blo	cks s	houl	d be	rep	aced	if \	wear 4"						
		5. V	erifv	nes iro / the Pir	m pir ו Gui	de. 1	itact Tail S	exc Shaf	eeas Assv	4/۱ ۷ (۱	4. white						
		ny	/lon	ring ins	side o	of tai	spr	ocke	t) is s	sec	cure and						
		no	ot da	amageo	1.												
		6. V	erify uter	/ that sp	rock	et at	tach	men	t bolts tight	s o (to	on the						
		6. V ot Vá	erify uter alue	that sp face of is 120	orock the s in/lbs	et at sproc s.).	tachi kets	men s are	t bolts tight	s o (to	on the orque						

U.S. Postal	Service					I	DENTIFICA	TION				
Maintenance	Check	list	WORK CODE		EQUI ACR	PMENT ONYM		CL CC	ASS ODE	NU	MBER	TYPE
			0 3	AP	P S			Α	Α	0	0 1	М
Equipment Nomenclature	;		Equipmer	t Model			Bulletin File	ename		Occurre	nce	
Automated Packag	ge Proc	essing					mm	15109			eCBM	
Syste	11											
Part or	Item		Task S	Statement a	and Instru	iction		Est.	Min.		Threshold	ls
Component	No	(Comply witl	n all curren	t safety p	recaution	ns)	Time	Skill	Run	Pieces	Freq.
								(min)	Lev	Hours	Fed	
											(000)	
		8. Gene Supe	erate cori ervisor as	ective w	ork ord	er and	notify					
	70**	Chook S	haa Sar	or olign	monto	on oid	o two	20	00	600	2700	
SUBSYSTEM:	13	Check S					e two.	20	09	000	2700	
SHOE SORTER		Misadjus	sted or wo	orn items	which in dam	contact	carriage					
ALIGNMENTS SIDE 2		following	items for	r alignme	ent, wea	ir, or da	amage:					
		1. Rem	iove guar	ding as r		iry						
		2. Dive	rters SOL	1, SOL2	, SOL3	, and S	OL4.					
		a. F	Pins shou divert poin diverter is	IId pass on Its with r Inot active	directly no conta /ated.	througl act whe	h these en the					
		b. I	nspect ga wear or d	ate arm, amage.	linkage	, and st	tops for					
		3. Inspe	ect Diver	Rail bar	s for da	mage.						
		4. Inspe rails recei Rece "noto	ect Recei (4 small, iver block eiver Bloc ches" fror	ver Blocl 4 large). s should ks shoul n pin cor	ks at th Chanı be sm d be re tact ex	e end c nels mil ooth. L olaced ceeds ?	of divert lled into .arge if wear 1/4".					
		5. Verif nylor not c	y the Pin n ring insi lamaged.	Guide, T de of tail	[−] ail Sha ∣sprock	ft Assy et) is s	v (white ecure and					
		6. Verif outer value	y that spi r face of t e is 120 ii	rocket att he sproc n/lbs.).	tachme kets ar	nt bolts e tight (on the (torque					
		7. Repl	ace any i	removed	guardiı	ng						
		8. Gene Supe	erate cori ervisor as	rective w necessa	ork ord ary.	er and	notify					
DISTRIBUTION	74**	Weldme	nt Inspe	ction an	d Lubri	cation	•	202	09	1800	8200	
SUBSYSTEM: SHOE SORTER WELDMENTS SIDE 1		WARNIN requiring covers/p PPE. Re (EWP) N requiren	IG: Befo g equipn banels op efer to th IMO for a nents.	re perfor nent to b pen, you e curren appropri	rming a be powe must e at Elect ate EW	iny act ered or don ap rical W P PPE	ivities n and propriate /ork Plan					
		When pe weldmen	erforming <u>nts t</u> o be	the foll service	owing t d at th	asks, l e botto	locate the om of the					

Maintenance Checklist WORK CODE EQUIPMENT ACRONYM CLASS CODE NUMBER CODE TYPE Equipment Nomenclature Automated Package Processing System Equipment Model Builedin Filename mm15109 A A 0 0 1 M Part or Component Item No Task Statement and Instruction (Comply with all current safety precautions) Est. Min. Thresholds Thresholds Part or Component Item No Task Statement and Instruction (Comply with all current safety precautions) Est. Min. Thresholds Thresholds Part or Component Item No Task Statement and Instruction (Comply with all current safety precautions) Est. Min. Thresholds Thresholds Shoe sorter from the sprocket to just before Induct Lane This will allow for both sides to be serviced simultaneously. Shoe Sorter may be advanced manually by hand while locked out or may be moved by jogging the Shoe Sorter to access the next section of weldments using the instructions located the MS-202 VoL B Section 4.2 titled Conveyor Manual Operation. Using the VFD Parameter Tool does not require computer systems to be powered up, but will require any E-Stop condition to be reset to restore 480 VAC to the DC 6 acclosure. Lock out the machine when performing the following tasks. Item Tools required: 12" Adjustable combination square Small Pry Bar (12'-16') Grease gun with Needle Tip (Lincoln P/N 83278) All Purp	U.S. Postal S	Service				I	DENTIFICAT	TION				
Image: Constraint of the system 0 0 1 M Equipment Nomenclature Automated Package Processing System Task Statement and Instruction (Comply with all current safety precautions) Builetin Filename mm15109 Occurrence eCBM Part or Component Item No Task Statement and Instruction (Comply with all current safety precautions) Est. Image: Skill Fed. (000) Min. Hours Thresholds Part or Component Item No Task Statement and Instruction (Comply with all current safety precautions) Est. Image: Skill Fed. (000) Min. Hours Thresholds Shoe sorter from the sprocket to just before Induct Lane This will allow for both sides to be serviced simultaneously. Shill The shoe sorter may be advanced manually by hand while locked out or may be moved by logging the Shoe Sorter using the VFD Parameter Tool. Only advance the shoe sorter in the forward direction. WARNING: 480 VAC Power will need to be applied to the machine for a short period of time while jogging the Shoe Sorter to access the next section of weldments using the instructions located the MS-202 Vol. B Section 4.2 titled Conveyor Manual Operation. Using the VFD Parameter Tool does not require computer systems to be powered up, but will require any E-Stop condition to be reset to restore 480 VAC to the DCC 8 enclosure. Lock out the machine when performing the following tasks. Tools required: 12" Adjustable combination square Small Pry Bar (12"-16") Grease gun with Needle Tip (Lincoln P/N 83278) All Purpose Grease (Castrol Tribol BRB-572 or equivalent) In Remove guarding as necessary 2. Position the desired s	Maintenance	Checklist	WORK CODE		EQUIF ACR(MENT DNYM		CL C	ASS ODE	NU	MBER	TYPE
Equipment Nomenclature Equipment Model Builetin Fliename Occurrence Automated Package Processing Task Statement and Instruction Ext. Min. Thresholds Part or Item Task Statement and Instruction Ext. Min. Req (min) Skill Run Places Freq. Component No (Comply with all current safety precautions) Ext. Min. Thresholds Shoe sorter from the sprocket to just before Induct Lane This will allow for both sides to be serviced simultaneously. Shoe sorter may be advanced manually by hand while locked out or may be moved by logging the Shoe Sorter using the VFD Parameter Tool. Only advance the shoe sorter in the forward direction. WARNING: 480 VAC Power will need to be applied to the machine for a short period of time while jogging the Shoe Sorter to access the next section of weldments using the Instructions located the MS-202 Vol. B Section 4.2 titled Conveyor Manual Operation. Using the VFD Parameter Tool does not require computer systems to be powered up, but will require any E-Stop condition to be reset to restore 480 VAC to the DCC 8 enclosure. Lock out the machine when performing the following tasks. Tools required: 12" Adjustable combination square Small Pry Bar (12"-16") Grease gun with Needle Tip (Lincoln P/N 83278) All Purpose Grease (Castrol Tribol BRB-572 or equivalent) In Remove guarding as necessary In Remove guarding as necessary In Remove guarding as necessary In the Shoe Sorter is require			0 3	A P	P S			Α	Α	0	0 1	М
Automated Package Processing System mm15109 eCBM Part or Component Item No Task Statement and Instruction (Comply with all current safety precautions) Est. Time Reg (min) Min. Lev Thresholds Skill Lave Shoe sorter from the sprocket to just before Induct Lane Skill Time This will allow for both sides to be serviced simultaneously. Skill The shoe sorter may be advanced manually by hand while locked out or may be moved by logging the Shoe Sorter using the VFD Parameter Tool. Only advance the shoe sorter in the forward direction. MARNING: 480 VAC Power will need to be applied to the machine for a short period of time while jogging the Shoe Sorter to access the next section of weldments using the instructions located the MS-202 Vol. B Section 4.2 titled Conveyor Manual Operation. Using the VFD Parameter Tool does not require computer systems to be powered up, but will require any E-Stop condition to be reset to restore 480 VAC to the DCC 8 enclosure. Lock out the machine when performing the following tasks. Tools required: 12" Adjustable combination square Small Pry Bar (12"-16") Grease gun with Needle Tip (Lincoln P/N 83278) All Purpose Grease (Castrol Tribol BRB-572 or equivalent) In the Shoe Sorter is required to be jogged, 1 Remove guarding as necessary 2. Position the desired section of the Shoe Sorter in the accessible area. In the Shoe Sorter is required to be jogged,	Equipment Nomenclature		Equipme	ent Model	1	· I	Bulletin File	name	<u> </u>	Occurre	nce	
Part or Component Item No Task Statement and Instruction (Comply with all current safety precautions) Est. Time Req (min) Min. Req (min) Thresholds shoe sorter from the sprocket to just before Induct Lane Shie sorter from the sprocket to just before Induct Lane Shie sorter from the sprocket to just before Induct Lane Shie sorter from the sprocket to just before Induct Lane Shie sorter from the sprocket to just before Induct Lane Shie sorter may be advanced manually by hand while locked out or may be moved by logging the Shoe Sorter using the VFD Parameter Tool. Only advance the shoe sorter in the forward direction. WARNING: 480 VAC Power will need to be applied to the machine for a short period of time while jogging the Shoe Sorter to access the next section of weldments using the instructions located the MS-202 Vol. B Section 4.2 titled Conveyor Manual Operation. Using the VFD Parameter Tool does not require computer systems to be powered up, but will require any E-Stop condition to be reset to restore 480 VAC to the DCC 8 enclosure. Lock out the machine when performing the following tasks. Tools required: 12" Adjustable combination square Small Pry Bar (12"-16") Grease gun with Needle Tip (Lincoln P/IN 83278) All Purpose Grease (Castrol Tribol BRB-572 or equivalent) In Remove guarding as necessary 1. Remove guarding as necessary In the Shoe Sorter is required to be jogged, Image: Sorter is required to be jogged,	Automated Packag	e Processing					mm1	15109			eCBN	1
Part or Component Item No Task Statement and Instruction (Comply with all current safety precautions) Eat. Time Req (min) Min. Lev Thresholds Shoe sorter from the sprocket to just before Induct Lane Shoe sorter from the sprocket to just before Induct Lane Shoe sorter from the sprocket to be serviced simultaneously. Item Shee This will allow for both sides to be serviced simultaneously. Item Shoe sorter may be advanced manually by hand while locked out or may be moved by jogging the Shoe Sorter using the VFD Parameter Tool. Only advance the shoe sorter in the forward direction. WARNING: 480 VAC Power will need to be applied to the machine for a short period of time while jogging the Shoe Sorter to access the next section of weldments using the instructions located the MS-202 Vol. B Section 4.2 titled Conveyor Manual Operation. Using the VFD Parameter Tool does not require computer systems to be powered up, but will require any E-Stop condition to be reset to restore 480 VAC to the DCC 8 neclosure. Lock out the machine when performing the following tasks. Tools required: 12" Adjustable combination square Small Pry Bar (12"-16") Grease gun with Needle Tip (Lincoln P/N 83278) All Purpose Grease (Castrol Tribol BRB-572 or equivalent) 1. Remove guarding as necessary 2. Position the desired section of the Shoe Sorter in the accessible area. 3. If the Shee Sorter is required to be jogged,	Syster	n										
No (Comply with all current safety precautions) Time Req (min) Lev Run Hours Preces Fed (000) shoe sorter from the sprocket to just before Induct Lane Shoe sorter from the sprocket to just before Induct Lane This will allow for both sides to be serviced simultaneously. The shoe sorter may be advanced manually by hand while locked out or may be moved by jogging the Shoe Sorter using the VFD Parameter Tool. Only advance the shoe sorter in the forward direction. WARNING: 480 VAC Power will need to be applied to the machine for a short period of time while jogging the Shoe Sorter to access the next section of weldments using the instructions located the MS-202 Vol. B Section 4.2 titled Conveyor Manual Operation. Using the VFD Parameter Tool does not require computer systems to be powered up, but will require any E-Stop condition to be reset to restore 480 VAC to the DCC 8 enclosure. Lock out the machine when performing the following tasks. Tools required: 12" Adjustable combination square Small Pry Bar (12"-16") Grease gun with Needle Tip (Lincoln P/N 83278) All Purpose Grease (Castrol Tribol BRB-572 or equivalent) 1. Remove guarding as necessary 1. Remove guarding as necessary 2. Position the desired section of the Shoe Sorter in the sone Sorter in the schoe Sorter in the accessible area. 3. If the Shoe Sorter is required to be jogged, 3. If the Shoe Sorter is required to be jogged,	Part or	Item	Task	Statement	and Instru	ction		Est.	Min.		Threshol	ds
Hours Fed (000) shoe sorter from the sprocket to just before Induct Lane This will allow for both sides to be serviced simultaneously. Image: Compute the shoe sorter in the forward direction. Image: Compute the shoe sorter to access the next section of weldments using the instructions located the MS-202 Vol. B Section 4.2 titled Conveyor Manual Operation. Using the VFD Parameter Tool does not require computer systems to be powered up, but will require any E-Stop condition to be reset to restore 480 VAC to the DCC 8 enclosure. Lock out the machine when performing the following tasks. Image: Computer Stop Computer Stop Stop Computer Stop Stop Stop Stop Stop Stop Stop Stop	Component	NO	(Comply wi	ith all curren	it safety pr	ecautior	ns)	Time	Skill	Run	Pieces	Freq.
Shoe sorter from the sprocket to just before Induct Lane 0000 This will allow for both sides to be serviced simultaneously. The shoe sorter may be advanced manually by hand while locked out or may be moved by jogging the Shoe Sorter using the VFD Parameter Tool. Only advance the shoe sorter in the forward direction. WARNING: 480 VAC Power will need to be applied to the machine for a short period of time while jogging the Shoe Sorter to access the next section of weldments using the instructions located the MS-202 Vol. B Section 4.2 titled Conveyor Manual Operation. Using the VFD Parameter Tool does not require computer systems to be powered up, but will require any E-Stop condition to be reset to restore 480 VAC to the DCC 8 enclosure. Lock out the machine when performing the following tasks. Tools required: 12" Adjustable combination square Small Pry Bar (12"-16") Grease gun with Needle Tip (Lincoln P/N 83278) All Purpose Grease (Castrol Tribol BRE-572 or equivalent) 1. Remove guarding as necessary 2. Position the desired section of the Shoe Sorter in the accessible area. 3. If the Shoe Sorter is required to be jogged, 1								Req (min)	Lev	Hours	Fed	
shoe sorter from the sprocket to just before induct Lane This will allow for both sides to be serviced simultaneously. The shoe sorter may be advanced manually by hand while locked out or may be moved by jogging the Shoe Sorter using the VFD Parameter Tool. Only advance the shoe sorter in the forward direction. WARNING: 480 VAC Power will need to be applied to the machine for a short period of time while jogging the Shoe Sorter to access the next section of weldments using the instructions located the MS-202 Vol. B Section 4.2 titled Conveyor Manual Operation. Using the VFD Parameter Tool does not require computer systems to be powered up, but will require any E-Stop condition to be reset to restore 480 VAC to the DCC 8 enclosure. Lock out the machine when performing the following tasks. Tools required: 12" Adjustable combination square Small Pry Bar (12"-16") Grease gun with Needle Tip (Lincoln P/N 83278) All Purpose Grease (Castrol Tribol BRB-572 or equivalent) All Purpose Grease (Castrol Tribol BRB-572 or equivalent) 1. Remove guarding as necessary Position the desired section of the Shoe Sorter in the accessible area. 3. If the Shoe Sorter is required to be jogged,											(000)	
a. Don PPE. b. Turn FSD1-DCC-8 disconnect switch to		shoe so Lane This w simulta The sh hand v jogging Tool. C directio WARNI applied time wi the nex instruc 4.2 title the VFI compu require restore out the followi Tools re 12" Adj Small F Grease All Purp equival 1. Re 2. Po So 3. If t pe a. b.	orter from ill allow neously. oe sorter while lock the Shoe Only adva n. NG: 480 I to the n nile joggi to section tions loc d Conve D Parame ter syste any E-S 480 VAC machine ng tasks. equired: ustable co ry Bar (1) gun with oose Grea ent) move gu sition the rter in the he Shoe form the Don Pf Turn F-	the sprod for both may be ked out e Sorter u nce the s VAC Pow nachine f ing the S of welde to for welde to f	cket to ju sides advanc or may sing the hoe sort wer will or a sho hoe Sort MS-202 Jal Oper does no powere ition to OCC 8 er erformin n square rol Tribo necessa section co ole area. required substep	ist bef to be ed ma be r VFD F er in th of the s ist bef vol. E vol. E v	ore Induct serviced anually by noved by Parameter ne forward o be iod of access he 3 Section Using uire but will set to ire. Lock					
c. Open enclosure FSD1-DCC-8 and		C.	On pos	enclosure	FSD1-D	CC-8	and					

Maintenance Checklist WORK EQUIPMENT CODE CLOBE NUMBER TYPE Equipment Nomenclature Automated Package Processing System 3 A P P S A A O O O I M M Part or Component Item No Task Statement and Instruction (Comply with all current safety precautions) Est. Min. Times Statement and Instruction (Comply with all current safety precautions) Est. Min. Times Statement Red (min) Min. Timesholds Part or Component Item No Task Statement and Instruction (Comply with all current safety precautions) Est. Min. Timesholds Min. Timesholds Part or Component Item No Task Statement and Instruction (Comply with all current safety precautions) Est. Min. Timesholds Timesholds Part or Component Item No Task Statement and Instruction (Comply with all current safety precautions) Est. Min. Timesholds Timesholds Part or Component Item No Task Statement and Instruction (Comply with all current safety precautions) Est. Min. Timesholds Timesholds Part or Component Item No Timesholds Statement and Instruction (Comply with all current safety precautions) Est. Min. Timesholds Timesholds Part or Component Item No Timesholds Statement and Instruction (Con popsition. Est. Timesholds	U.S. Postal S	Service									ID	ENTIFICAT	ΓΙΟΝ					
0 3 A P P S A A 0 0 1 M Automated Package Processing System Equipment Model Builetin Flename mm15109 Occurrence eCBM Part or Component Item No Task Statement and Instruction (Comply with all current safety precautions) Est. Time (min) Min. Lew Thresholds 0 0 0 1 M A A 0 0 1 M 2 Tem Task Statement and Instruction (Comply with all current safety precautions) Est. Time (min) Min. Tree, Min. Ext. Time (min) Thresholds Thresholds 4 to the correct VFD per instructions located in the MS-202, Vol B, Section 4.2 titled Conveyor Manual Operation. Image: Section 4.2 titled Conveyor Manual Operation. <td< td=""><td>Maintenance</td><td>Checkl</td><td>ist</td><td></td><td>WORK CODE</td><td></td><td></td><td>EC A</td><td>QUIP CRO</td><td>MENT NYM</td><td></td><td></td><td>CL CC</td><td>ASS DDE</td><td>NU</td><td>JMBE</td><td>ĒR</td><td>TYPE</td></td<>	Maintenance	Checkl	ist		WORK CODE			EC A	QUIP CRO	MENT NYM			CL CC	ASS DDE	NU	JMBE	ĒR	TYPE
Equipment Nomenclature Automated Package Processing System Equipment Model Bulletin Filename mm15109 Occurrence eCBM Part or Component Item No Task Statement and Instruction (Comply with all current safety precautions) Est. Nin. Req (min) Min. Vev Thresholds Vertex to the correct VFD per instructions located in the MS-202, Vol B, Section 4.2 titled Conveyor Manual Operation. Rum Pleces Pleces Freq. (000) d Close the FSD1-DCC-8 enclosure. e. Turn FSD1-DCC-8 disconnect switch to On position. f. Doff PPE. g. J og the Shoe Sorter to the desired location using the VFD Parameter Tool. i. Either lock out the entire APPS or secure the FSD1-DCC-8 disconnect in accordance with local lockout procedures to prevent motion of the Shoe Sorter. perform the following measurement to determine the amount of fork play. a. Place the flat of the combination square on top of the slat wheel. b. On the side of the wheel axle opposite the fork opening (trailing side) extend the scale downward, (behind the wheel) to rest firmly on the Shoe Sorter rail. c. Note the height of the top of the railing weldment on the scale. Then, using the pry bar, lift the trailing weldment to the point the lower fork touches the wheel axie. If the wheel is lifted of of the rail, excessive force is being applied. Becord the distance of file (comcunt of file) descent the file of file of file) <td></td> <td></td> <td></td> <td></td> <td>0 3</td> <td>А</td> <td>Ρ</td> <td>Ρ</td> <td>S</td> <td></td> <td></td> <td></td> <td>Α</td> <td>Α</td> <td>0</td> <td>0</td> <td>1</td> <td>М</td>					0 3	А	Ρ	Ρ	S				Α	Α	0	0	1	М
Automated Package Processing System mm 15109 eCBM Part or Component Item No Task Statement and Instruction (Comply with all current safety precautions) Est. Time Req (min) Min Lev Thresholds Image: State of the component to the correct VFD per instructions located in the MS-202, Vol B, Section 4.2 titled Conveyor Manual Operation. Image: State of the component document of the component of the component of the component of the shoe Sorter to the desired location using the VFD Parameter Tool. Image: State of the component to determine the amount of fork play. 4 Either lock out the entire APPS or secure the FSD1-DCC-8 disconnect in accordance with location using the VFD Parameter Tool. Image: State of the component to determine the amount of fork play. 5 Perform the following measurement to determine the amount of fork play. Image: Place the flat of the componing the first opponent of the slat wheel. b. On the side of the wheel axle opposite the fork opening (trailing side) extend the scale downward, (behind the wheel) to rest firmly on the Shoe Sorter rail. c. Note the height of the top of the trailing weldment on the scale. Then, using the pry bar, lift the trailing weldment to the point the lower fork touches the wheel axie. If the wheel is lifted of of the rail, excessive force is being applied. Beroor the distance of file (comput of file)	Equipment Nomenclature	;			Equipmer	nt Mod	el				E	Bulletin File	ename	1	Occurr	ence	l l	
System Task Statement and Instruction (Comply with all current safety precautions) Est. Req (min) Min. Still Rev (min) Thresholds Built Component to the correct VFD per instructions located in the MS-202, Vol B, Section 4.2 tilled Conveyor Manual Operation. Min. No Thresholds Image: Component to the correct VFD per instructions located in the MS-202, Vol B, Section 4.2 tilled Conveyor Manual Operation. Image: Component of the SD1-DCC-8 enclosure. Image: Component of the SD1-DCC-8 enclosure. Image: Component of the SD1-DCC-8 disconnect switch to On position. Image: Component of the Component of the SD1-DCC-8 disconnect in accordance with local lockout procedures to prevent motion of the Shoe Sorter. Image: Component of the Shoe Sorter to the desired location using the VFD Parameter Tool. Image: Component of the Shoe Sorter. Image: Component of the Shoe Sorter. Image: Component of the Shoe Sorter. Image: Component of the Shoe Sorter represented to the combination square on top of the slat wheel. Image: Component of the slat wheel. Image: Component of the slat wheel to rest firmly on the Shoe Sorter rail. Image: Component of the trailing weldment to the point the lower fork touches the wheel axie. If the wheel is life domount of the rail, excessive force is being applied. Image: Component of the slat of the comparent of the scale distance of the dista	Automated Packa	ge Proc	essin	g								mm	15109			eC	СВМ	
Part or Component Item No Task Statement and Instruction (Comply with all current safety precautions) Est. Time (min) Min. Lev Thresholds Skill Lev Skill Lev Freq. Hours Freq. Freq. Image: Signal Complexity of the complexity	Syster	m																
No (Comply with all current safety precautions) Time Req (min) Skill Lev Run Pieces Fed (000) Image: Reg (min) to the correct VFD per instructions located in the MS-202, Vol B, Section 4.2 titled Conveyor Manual Operation. to the correct VFD per instructions located in the MS-202, Vol B, Section 4.2 titled Conveyor Manual Operation. to Close the FSD1-DCC-8 enclosure. to Diff PPE. Image: Reg (min) Jog the Shoe Sorter to the desired location using the VFD Parameter Tool. to Diff PPE. to Diff PPE. Image: Reg (min) Jog the Shoe Sorter to the desired location using the VFD Parameter Tool. test PSD1-DCC-8 disconnect in accordance with local lockout procedures to prevent motion of the Shoe Sorter. the Shoe Sorter. Image: Reg (min) Perform the following measurement to determine the amount of fork play. a. Place the flat of the combination square on top of the slat wheel. b. On the side of the wheel axle opposite the fork opening (trailing side) extend the scale downward, (behind the wheel) to rest firmly on the Shoe Sorter rail. c. Note the height of the top of the trailing weldment to the point the lower fork touches the wheel axle. If the wheel is lifted off of the rail, excessive force is being applied. Becord the distance of lift (arowund of the scale of lift (ar	Part or	Item			Task	Statem	ient a	nd In	struc	tion			Est	Min		Thre	shold	s
Component Req (min) Lev Num / Hours Preck / Fed (000) to the correct VFD per instructions located in the MS-202, Vol B, Section 4.2 titled Conveyor Manual Operation. d. Close the FSD1-DCC-8 enclosure. e. e. Turn FSD1-DCC-8 disconnect switch to On position. f. Doff PPE. g. Jog the Shoe Sorter to the desired location using the VFD Parameter Tool. l Either lock out the entire APPS or secure the FSD1-DCC-8 disconnect in accordance with local lockout procedures to prevent motion of the Shoe Sorter. s. Perform the following measurement to determine the amount of fork play. a. Place the flat of the combination square on top of the slat wheel. b. On the side of the wheel axle opposite the fork opening (trailing side) extend the scale downward, (behind the wheel) to rest firmly on the Shoe Sorter rail. c. Note the height of the top of the trailing weldment on the scale. Then, using the pry bar, lift the trailing weldment to the point the lower fork touches the wheel axle. If the wheel is lifted off of the rail, excessive force is being applied. Becord the distance of lift amount of of the rail, excessive force is being applied.	Component	No		10	Comply wit	h all ci	irront	· cafo	tv nre		ne	•)	Time	Skill	Dun			Frog
(min) (000) to the correct VFD per instructions located in the MS-202, Vol B, Section 4.2 tilled Conveyor Manual Operation. (000) d. Close the FSD1-DCC-8 enclosure. e. Turn FSD1-DCC-8 disconnect switch to On position. in f. Doff PPE. g. Jog the Shoe Sorter to the desired location using the VFD Parameter Tool. in 4. Either lock out the entire APPS or secure the FSD1-DCC-8 disconnect in accordance with local lockout procedures to prevent motion of the Shoe Sorter. in 5. Perform the following measurement to determine the amount of fork play. a. Place the flat of the combination square on top of the slat wheel. b. On the side of the wheel axle opposite the fork opening (trailing side) extend the scale downward, (behind the wheel) to rest firmly on the Shoe Sorter rail. c. Note the height of the top of the trailing weldment on the scale. Then, using the pry bar, lift the trailing weldment to the point the lower fork touches the wheel axle. If the wheel is lifted off of the rail, excessive force is being applied. Becord the distarge of lift (amount of	Component			(oompiy wit	n an oc	incin	Saic	ty pro	caulio	113	?)	Req	Lev	Hours	F	ed	rieq.
to the correct VFD per instructions located in the MS-202, Vol B, Section 4.2 titled Conveyor Manual Operation. d. Close the FSD1-DCC-8 enclosure. e. Turn FSD1-DCC-8 disconnect switch to On position. f. Doff PPE. g. Jog the Shoe Sorter to the desired location using the VFD Parameter Tool. 4. Either lock out the entire APPS or secure the FSD1-DCC-8 disconnect in accordance with local lockout procedures to prevent motion of the Shoe Sorter. 5. Perform the following measurement to determine the amount of fork play. a. Place the flat of the combination square on top of the slat wheel. b. On the side of the wheel axle opposite the fork opening (trailing side) extend the scale downward, (behind the wheel) to rest firmly on the Shoe Sorter rail. c. Note the height of the top of the trailing weldment on the scale. Then, using the pry bar, lift the trailing weldment to the point the lower fork touches the wheel axle. If the wheel is lifted off of the rail, excessive force is being applied. Berood the distance of lift (amount of for the alse disting applied.													((()))			(0	00)	
 to the correct VFD per instructions located in the MS-202, Vol B, Section 4.2 titled Conveyor Manual Operation. d. Close the FSD1-DCC-8 enclosure. e. Turn FSD1-DCC-8 disconnect switch to On position. f. Doff PPE. g. Jog the Shoe Sorter to the desired location using the VFD Parameter Tool. 4. Either lock out the entire APPS or secure the FSD1-DCC-8 disconnect in accordance with local lockout procedures to prevent motion of the Shoe Sorter. 5. Perform the following measurement to determine the amount of fork play. a. Place the flat of the combination square on top of the slat wheel. b. On the side of the wheel axle opposite the fork opening (trailing side) extend the scale downward, (behind the wheel) to rest firmly on the Shoe Sorter rail. c. Note the height of the top of the trailing weldment on the scale. Then, using the pry bar, lift the trailing weldment to the lower fork touches the wheel axle. If the wheel is lifted off of the rail, excessive force is being applied. 											_				1	-		
 d. Close the FSD1-DCC-8 enclosure. e. Turn FSD1-DCC-8 disconnect switch to On position. f. Doff PPE. g. Jog the Shoe Sorter to the desired location using the VFD Parameter Tool. 4. Either lock out the entire APPS or secure the FSD1-DCC-8 disconnect in accordance with local lockout procedures to prevent motion of the Shoe Sorter. 5. Perform the following measurement to determine the amount of fork play. a. Place the flat of the combination square on top of the slat wheel. b. On the side of the wheel axle opposite the fork opening (trailing side) extend the scale downward, (behind the wheel) to rest firmly on the Shoe Sorter rail. c. Note the height of the top of the trailing weldment on the scale. Then, using the pry bar, lift the trailing weldment to the lower fork touches the wheel axle. If the wheel is lifted off of the rail, excessive force is being applied. 					to the c	orrect	t VFI	D pe	er ins	structi		ns						
d. Close the FSD1-DCC-8 enclosure. e. Turn FSD1-DCC-8 disconnect switch to On position. f. Doff PPE. g. Jog the Shoe Sorter to the desired location using the VFD Parameter Tool. 4. Either lock out the entire APPS or secure the FSD1-DCC-8 disconnect in accordance with local lockout procedures to prevent motion of the Shoe Sorter. 5. Perform the following measurement to determine the amount of fork play. a. Place the flat of the combination square on top of the slat wheel. b. On the side of the wheel axle opposite the fork opening (trailing side) extend the scale downward, (behind the wheel) to rest firmly on the Shoe Sorter rail. c. Note the height of the top of the trailing weldment on the scale. Then, using the pry bar, lift the trailing weldment to the point the lower fork touches the wheel axle. If the wheel is lifted off of the rail, excessive force is being applied. Bercort the distance of lift (correut of					4.2 title	d Cor	nvey	or M	z, v lanu	al Op	Se Del	ration.						
 e. Turn FSD1-DCC-8 disconnect switch to On position. f. Doff PPE. g. Jog the Shoe Sorter to the desired location using the VFD Parameter Tool. 4. Either lock out the entire APPS or secure the FSD1-DCC-8 disconnect in accordance with local lockout procedures to prevent motion of the Shoe Sorter. 5. Perform the following measurement to determine the amount of fork play. a. Place the flat of the combination square on top of the slat wheel. b. On the side of the wheel axle opposite the fork opening (trailing side) extend the scale downward, (behind the wheel) to rest firmly on the Shoe Sorter rail. c. Note the height of the top of the trailing weldment on the scale. Then, using the pry bar, lift the trailing weldment to the point the lower fork touches the wheel axle. If the wheel is lifted off of the rail, excessive force is being applied. Beerof the distance of lift (monunt of 				d.	Close th	Close the FSD1-DCC-8 enclosure. Turn FSD1-DCC-8 disconnect switch to On position.												
f. Doff PPE. g. Jog the Shoe Sorter to the desired location using the VFD Parameter Tool. 4. Either lock out the entire APPS or secure the FSD1-DCC-8 disconnect in accordance with local lockout procedures to prevent motion of the Shoe Sorter. 5. Perform the following measurement to determine the amount of fork play. a. Place the flat of the combination square on top of the slat wheel. b. On the side of the wheel axle opposite the fork opening (trailing side) extend the scale downward, (behind the wheel) to rest firmly on the Shoe Sorter rail. c. Note the height of the top of the trailing weldment on the scale. Then, using the pry bar, lift the trailing weldment to the point the lower fork touches the wheel axle. If the wheel is lifted off of the rail, excessive force is being applied. Becord the distance of lift (amount of				e.	Turn FS On posi	Close the FSD1-DCC-8 enclosure. Furn FSD1-DCC-8 disconnect switch to On position. Doff PPE.												
 g. Jog the Shoe Sorter to the desired location using the VFD Parameter Tool. 4. Either lock out the entire APPS or secure the FSD1-DCC-8 disconnect in accordance with local lockout procedures to prevent motion of the Shoe Sorter. 5. Perform the following measurement to determine the amount of fork play. a. Place the flat of the combination square on top of the slat wheel. b. On the side of the wheel axle opposite the fork opening (trailing side) extend the scale downward, (behind the wheel) to rest firmly on the Shoe Sorter rail. c. Note the height of the top of the trailing weldment on the scale. Then, using the pry bar, lift the trailing weldment to the point the lower fork touches the wheel axle. If the wheel is lifted off of the rail, excessive force is being applied. 			1	f.	Doff PP	Furn FSD1-DCC-8 disconnect switch to On position. Doff PPE.												
 4. Either lock out the entire APPS or secure the FSD1-DCC-8 disconnect in accordance with local lockout procedures to prevent motion of the Shoe Sorter. 5. Perform the following measurement to determine the amount of fork play. a. Place the flat of the combination square on top of the slat wheel. b. On the side of the wheel axle opposite the fork opening (trailing side) extend the scale downward, (behind the wheel) to rest firmly on the Shoe Sorter rail. c. Note the height of the top of the trailing weldment on the scale. Then, using the pry bar, lift the trailing weldment to the point the lower fork touches the wheel axle. If the wheel is lifted off of the rail, excessive force is being applied. Becord the distance of lift (amount of form) 			9	g.	Jog the location	Turn FSD1-DCC-8 disconnect switch to On position. Doff PPE. Jog the Shoe Sorter to the desired location using the VFD Parameter Tool.												
 FSD1-DCC-8 disconnect in accordance with local lockout procedures to prevent motion of the Shoe Sorter. 5. Perform the following measurement to determine the amount of fork play. a. Place the flat of the combination square on top of the slat wheel. b. On the side of the wheel axle opposite the fork opening (trailing side) extend the scale downward, (behind the wheel) to rest firmly on the Shoe Sorter rail. c. Note the height of the top of the trailing weldment on the scale. Then, using the pry bar, lift the trailing weldment to the point the lower fork touches the wheel axle. If the wheel is being applied. Becord the distance of lift (amount of the top of the rail, excessive force is being applied. 			4.	Eith	er lock o	ut the	e ent	ire A	PP:	S or s	sec	cure the						
 local lockout procedures to prevent motion of the Shoe Sorter. 5. Perform the following measurement to determine the amount of fork play. a. Place the flat of the combination square on top of the slat wheel. b. On the side of the wheel axle opposite the fork opening (trailing side) extend the scale downward, (behind the wheel) to rest firmly on the Shoe Sorter rail. c. Note the height of the top of the trailing weldment on the scale. Then, using the pry bar, lift the trailing weldment to the point the lower fork touches the wheel axle. If the wheel is lifted off of the rail, excessive force is being applied. Becord the distance of lift (amount of the scale of the scale of the scale of the scale off of the rail. 				FSD	1-DCC-	8 disc	conn	ect i	in ac	corda	an	nce with						
 5. Perform the following measurement to determine the amount of fork play. a. Place the flat of the combination square on top of the slat wheel. b. On the side of the wheel axle opposite the fork opening (trailing side) extend the scale downward, (behind the wheel) to rest firmly on the Shoe Sorter rail. c. Note the height of the top of the trailing weldment on the scale. Then, using the pry bar, lift the trailing weldment to the point the lower fork touches the wheel axle. If the wheel is lifted off of the rail, excessive force is being applied. Becord the distance of lift (amount of 				loca the \$	l lockout Shoe So	proco rter.	edur	es to	o pro	event	m	notion of						
 a. Place the flat of the combination square on top of the slat wheel. b. On the side of the wheel axle opposite the fork opening (trailing side) extend the scale downward, (behind the wheel) to rest firmly on the Shoe Sorter rail. c. Note the height of the top of the trailing weldment on the scale. Then, using the pry bar, lift the trailing weldment to the point the lower fork touches the wheel axle. If the wheel is lifted off of the rail, excessive force is being applied. Becord the distance of lift (amount of the scale). 			5.	Perf dete	orm the ermine th	follow e am	ving ount	mea t of f	asure ork	emeni olay.	t t	0						
 b. On the side of the wheel axle opposite the fork opening (trailing side) extend the scale downward, (behind the wheel) to rest firmly on the Shoe Sorter rail. c. Note the height of the top of the trailing weldment on the scale. Then, using the pry bar, lift the trailing weldment to the point the lower fork touches the wheel axle. If the wheel is lifted off of the rail, excessive force is being applied. Record the distance of lift (amount of 				a.	Place th on top c	ne flat of the	t of ti slat	he c whe	omb eel.	oinatio	on	square						
 the fork opening (trailing side) extend the scale downward, (behind the wheel) to rest firmly on the Shoe Sorter rail. c. Note the height of the top of the trailing weldment on the scale. Then, using the pry bar, lift the trailing weldment to the point the lower fork touches the wheel axle. If the wheel is lifted off of the rail, excessive force is being applied. 				b.	On the	side d	of the	e wh	neel	axle o	gc	posite						
the scale downward, (behind the wheel) to rest firmly on the Shoe Sorter rail. c. Note the height of the top of the trailing weldment on the scale. Then, using the pry bar, lift the trailing weldment to the point the lower fork touches the wheel axle. If the wheel is lifted off of the rail, excessive force is being applied. Becord the distance of lift (amount of					the fork	open	ning	(trail	ling	side)	e>	xtend						
 c. Note the height of the top of the trailing weldment on the scale. Then, using the pry bar, lift the trailing weldment to the point the lower fork touches the wheel axle. If the wheel is lifted off of the rail, excessive force is being applied. 					the scal	e dov	wnwa	ard,	(beł	nind tl	he	e wheel)						
c. Note the height of the top of the trailing weldment on the scale. Then, using the pry bar, lift the trailing weldment to the point the lower fork touches the wheel axle. If the wheel is lifted off of the rail, excessive force is being applied.					to rest f	irmly	on ti	he S	shoe	Sorte	er	rail.						
weldment on the scale. Then, using the pry bar, lift the trailing weldment to the point the lower fork touches the wheel axle. If the wheel is lifted off of the rail, excessive force is being applied. Becord the distance of lift (amount of				C.	Note the	e heig	ght o	of the	e top	of th	e	trailing						
point the lower fork touches the wheel axle. If the wheel is lifted off of the rail, excessive force is being applied.					weldme	nt on	the	scal	le.	Then,	u:	sing the						
axle. If the wheel is lifted off of the rail, excessive force is being applied.					pry bar,	iiit tri e low	ie ira er fo	anng ork to	y we buch	iamei es thi	ni e 1	wheel						
excessive force is being applied.					axle. If	the w	/hee	lisl	ifted	offo	ft	the rail.						
Record the distance of lift (amount of					excessi	ve for	rce is	s be	ing a	applie	ed.							
					Record	the d	listar	nce	of lif	t (amo	ou	unt of						
tork play).					tork pla	y).												
d. Measurements greater than one-eighth				d.	Measur	emen	nts gi	reate	er th	an or	ne	e-eighth						
scheduled for replacement.					inch indicate the weldment should be scheduled for replacement.													
6. Closely inspect the U shaped relief cut of the			6.	Clos	ely inspect the U shaped relief cut of t													
weldment for signs of fatigue or cracking.			· ·	welc	lment fo	r sign	s of	fatig	gue d	or cra	ck	king.						
Cracked weldments should be scheduled for				Crac	cked wel	dmen	nts sl	houl	d be	sche	ed	uled for						
manufactured with this U notch filled with				man	ufacture	d with	n this	s U r	notc	h fille	d '	with						
weld.				welc	d.													

U.S. Postal	Service						IDENTIFICA	TION				
Maintenance	Check	list	WORK CODE		EQU ACF	PMENT ONYM		CI C	LASS ODE	NU	IMBER	TYPE
			0 3	A P	P S			Α	Α	0	0 1	М
Equipment Nomenclature	9		Equipme	nt Model	1 1		Bulletin File	ename		Occurre	ence	
Automated Packag	ge Proc	essing					mm	15109			eCB	М
Syste	m											
Part or	ltem		Task	Statement	and Instr	uction		Fst	Min		Thresh	olds
Component	No		Comply wi	th all curro	nt cofoty r	rocoutio	nc)	Timo	Skill	Dun	Diese	
Component		(Comply wi	un all curre	ni salety p	recaulio	115)	Req	3KIII	Hours	Fed	s Freq.
								(min)	Lev		(000)	
	1								-		1	
		7. Lub	ricate th	e fork co	ntact po	ints us	ing the					
		nee (1c)	dle tippe	the uppe	egun. A	pply g	rease					
		whe	ere they	contact t	he upstr	eam w	eldment					
		8. Che	eck weidi	ment who	eels for	amag	e such as					
		imp	reanated	d with me	etal. Da	naded	or					
		imp	regnated	d wheels	should	be sch	eduled for					
		repl	acemen	t.								
		9. Ver	ifv the sl	at end ca	aps are	iaht ac	lainst					
		slat	s. If imp	roper bo	Its (40 n	ım long	, g) have					
		bee	n used,	the bolts	may be	tight a	nd still					
		allo	w end-ca	ap movei	ment. E	nd cap	to slat					
		DOID	s (3) sho v a lock v	ouid be 3 vasher		ng and	Installed					
							(0)					
		10. Ver	ify that e	nd cap to	talled (N	ent bol 16 Gra	ts (2) de 8.8					
		Nyle	ock).		ianeu (i	io Gia	ue o.o					
		Unless \	weldmen	it wear o	or dama	ge ind	licates the					
		possibilit	y of imi	minent fa	ailure, d	orrecti	ve repairs					
		cracked	weldmei	nts (grea	ter than	euon. 1/8") α	or severely					
		damage	d wheels	should l	oe repla	ced im	mediately.					
			When rer	olacing w	veldmen	s he s	ure to					
		install Bl	JSHING	, DAMPE	ER, PSN	9330-	10-000-					
		0488 an	d pre-gre	ease the	inner ar	d side	surfaces					
		of the we	eldment	fork.								
		11. If th	e Shoe S	Sorter wa	as jogge	d using	g the VFD					
		Par sub	ameter ٦ steps:	Fool, perf	orm the	followi	ng					
		a.	Don PF	PE.								
		b.	Turn FS the Off	SD1-DC0 position.	C-8 disc	onnect	switch to					
		C.	Open e disconr cable fr	enclosure nect the V rom the V	⊧ FSD1- √FD Pai /FD.	DCC-8 amete	and r tool					
		d.	Close t	he FSD1	-DCC-8	enclos	sure.					
		e.	Turn F	SD1-DC	C-8 disc	onnect	switch to					

U.S. Postal S	Service								IDE	NTIFICAT	ΓION					
Maintenance	Check	list	WORK CODE			E	QUIP ACRC	MENT NYM			CL	LASS ODE	NU	IMBE	R	TYPE
			0 3	/	A P	Ρ	S				Α	Α	0	0	1	М
Equipment Nomenclature)		Equipme	ent l	Model	1			В	ulletin File	ename		Occurre	ence		
Automated Packag	ge Proc	essing								mm1	15109			eC	ВМ	
Syster	m															
Part or	Item		Tasł	< Sta	atement	and I	nstruc	tion			Est.	Min.		Thre	shold	s
Component	No	((Comply w	/ith a	all curre	nt saf	etv pr	ecautio	ns)		Time	Skill	Run	Pie	ces	Fred
Component			oop.j				- ())		Req	Lev	Hours	F	ed	1109.
											((()))			(0	00)	
			the ON	Jn	osition											
		£		יי ףי הר	USILION	•										
		T.	DOIT P	PE												
DIOTRIBUTION	75++	12. Rep	lace an	y re	emove	d gu	ardir	g			000	00	4000	0		
	/5^^	weidme	nent Inspection and Lubrication. IING: Before performing any activities ing equipment to be powered on and								202	09	1800	82	200	
SHOF SORTER		WARNIN	IG: Bef	e perfo	ormi	ng ai	ny act	ties								
WELDMENTS SIDE		requiring	g equip	me	ent to	be p	owe	red o	nd							
2		COVERS/P	aneis o	ope ho	en, you	u mu nt El	ist a	on ap ical M	Vor	opriate k Plan						
		(EWP) M	MO for	ac	oropr	iate	EWF	P PPE	E	K I Iali						
		requiren	nents.													
		When pe	erformir	ng t	the fol	lowi	ng ta	isks,	loc	ate the						
		weldmen	ts to b	e s	service	ed a	t the	botte	om	of the						
		shoe sor	ter from	ו th	e spro	cket	to ju	st bef	fore	e Induct						
								· · ·								
		simultane	allow eously.	TO	or dotr	n sio	les	to de	e s	erviced						
		The sho	e sorte	r m	nay be	adv	vanc	ed ma	anı	ually by						
		hand wh	nile loc ho Sho	kec	d out	or	may	be i	mo Doi	ved by						
		Tool Or	ne Sho Iv adva	e o anc	e the s	sing	sorte	er in th	rai he '	forward						
		direction			0 110 0		0010			ion mana						
		WARNIN	IG: 480	VA	AC Po	wer	will ı	need	to I	be						
		applied	to the n	nac	chine f	for a	sho	rt per	riod	d of						
		time whi	le jogg	ing	g the S	hoe	Sor	ter to	ac bo	cess						
		instructi	ons loc	n o cate	ed in t	he N	115 U 115-2	sing ເ ໄ2 Vo	l F	3						
		Section	4.2 title	d (Conve	yor	Man	ual O	per	ration.						
		Using th	e VFD	Pa	ramete	er To	ool d	oes n	iot							
		require o	comput	ter	syster	ns t	o be	powe	ere	d up,						
		but will i	require	an	y E-St	op o	cond	ition	to I	be						
		enclosu	re. I or	; 40 :k (out the	2 10 9 ma	chin	e wha	, en							
		perform	ing the	fol	llowing	g tas	sks.									
		Tools red	quired:													
		12" Adjus	stable c	om	binatio	on sc	luare	•								
		Small Pr	y Bar (1	2"-	·16")											
		Grease g	gun with	n Ne	eedle 7	Гiр (I	_incc	ln P/N	N 8	3278)						
		All Purpo	se Gre	ase	e (Cast	rol T	ribol	BRB-	-57	2 or						

U.S. Postal	Service								IDE	NTIFICAT	ION					
Maintenance	Check	list	WORK CODE			E		MENT NYM			CL	ASS ODE	NU	IMBE	ĒR	TYPE
			0 3	Α	νP	Ρ	S				Α	Α	0	0	1	М
Equipment Nomenclature	Э		Equipme	ent N	lodel		1	I	В	ulletin File	name		Occurre	ence		
Automated Packag	ge Proo m	cessing								mm1	15109			eC	CBM	
	Ĩ	1														
Part or	Item No		Task	< Sta	tement	and li	nstruc	tion			Est.	Min.		Thre	shold	s
Component			(Comply w	ith a	ll currer	nt safe	ety pr	ecautio	ons)		Time Reg	Skill	Run	Pie	eces	Freq.
											(min)	Lev	TIOUIS	(0	eu 00)	
		equival	ent)													
		1. Re	emove gu	ard	ing as	nec	essa	iry								
		2. Po So	sition the	ion the desired section of the Shoe r in the accessible area. Shoe Sorter is required to be jogged, rm the following substeps.												
		3. If t	he Shoe rform the	on the desired section of the Shoe r in the accessible area. Shoe Sorter is required to be jogged, rm the following substeps. Don PPE.												
		a.	Don P	er in the accessible area. Shoe Sorter is required to be jogged, orm the following substeps. Don PPE.												
		b.	Turn F Off po:	e Shoe Sorter is required to be jogged, form the following substeps. Don PPE. Turn FSD2-DCC-8 disconnect switch to Off position.												
		C.	Open connect to the located 4.2 title	e Shoe Sorter is required to be jogged, orm the following substeps. Don PPE. Turn FSD2-DCC-8 disconnect switch to Off position. Open enclosure FSD2-DCC-8 and connect cable from VFD Parameter Tool to the correct VFD per instructions located in the MS-202, Vol B, Section 4.2 titled Conveyor Manual Operation						nd ter Tool is ction ation.						
		d.	Close	the	FSD2	-DC	C-8 e	enclos	sure	e.						
		e.	Turn F On po:	SD2 sitio	2-DCC n.	C-8 d	lisco	nnect	sw	vitch to						
		f.	Doff P	PE.												
		g.	Jog the locatio	e Sł n us	noe So sing th	orter ne VF	to th -D P	ie des aram	sire ete	ed er Tool.						
		4. Eit FS loc the foi	ther lock D2-DCC al lockou Shoe S easureme k play.	out -8 d it pr orte ent t	the en lisconi rocedu r. Pei ro dete	ntire / nect ires f rform ermir	APP in ao to pr n the ne th	S or s ccorda event follov e amo	sec and t mo wing oun	ture the ce with otion of g nt of						
		a.	Place on top	the of t	flat of he sla	the o t wh	coml eel.	oinatio	ons	square						
		b.	On the the for the sca to rest	Place the flat of the combination square on top of the slat wheel. On the side of the wheel axle opposite the fork opening (trailing side) extend the scale downward, (behind the wheel) to rest firmly on the Shoe Sorter rail.												
		C.	Note tl weldm pry ba point tl axle.	he h ent r, lif he lo If tho	eight on the t the tr ower f e whe	of th e sca railin ork t el is	e top ale. g we ouch lifteo	o of th Then, Idme ies th I off o	ne ti us nt t e w of th	railing sing the to the vheel ne rail,						

U.S. Postal S	Service						TION							
Maintenance	Checkl	ist	WORK CODE			EQUIP ACRC	MENT NYM		CL	ASS ODE	NU	IMBE	R	TYPE
			0 3	A	PF	PS			Α	Α	0	0	1	М
Equipment Nomenclature	;		Equipme	nt Mode				Bulletin Fil	ename	<u> </u>	Occurre	ence		
Automated Packag	ge Proc	essing						mm	15109			еC	вМ	
Syster	m													
Part or	Itom		Tack	Statom	ont on	d Instruc	tion		Ect	Min		Three	shold	e .
	No)	Time	Skill			SHOIU	5
Component		(0	Comply wit	th all cui	rents	safety pre	ecautio	ns)	Req		Run	Pie Fr	ces -d	Freq.
									(min)	Lev	Tiouro	(00)))	
												•	,	
		d. 5. Clos weld Crad repl: mar weld 6. Lubi nee (1cc whe 7. Che flat simpi repl: 8. Veri slats bee allov bolts with 9. Veri have Nylc	excessi Record fork pla Measur inch inc schedu sely insp dment fo cked wel acement futacture dle tippe chinside ere they of eck weldr spots, go regnated acement fy the sla s. If imp n used, t w end-ca s (3) sho a lock w fy that e e Nylock ock).	ive ford the di y). rement licate the rest the r signs doment contact ment wouges l with r l whee contact ment wouges l with r l whee contact r signs l wouges l with r l whee contact r signs l wouges l with r l whee contact r signs l wouges l with r l signs r signs l wouges l signs r s	ce is stand s gre he w repl e U s s of f s s h ver w this conta se g per a t the vhee or if neta ls sh ver w the or if s sh ver w this conta se g of t s sh ver w this conta se g per a t the or if t he v hee or if t he v t he v t he v t he v t he v t he v t he v t he v t he v t h t t h t h h h h t h h h h h h h h h	being a ce of lif eater th veldme laceme shaped atigue o ould be reldmer U noto act poir Jun. Ap and low upstre Is for da the who I. Dam nould be s are tig (40 mr ay be t ent. En mm Ion veldme lled (Mi damag	applie applie t (amo int sho nt sho nt sho nt sho nts usi oply gr /er for am age eel is aged is aged is aged and g and d cap g and nt bol 6 Grad ie ind	d. pount of he-eighth build be cut of the cking. duiled for e being d with ng the rease k tips eldment. e such as or eduiled for ainst g) have nd still to slat installed ts (2) de 8.8 icates the						
		possibility should b cracked damageo	y of imr oe scheo weldmer d wheels	ninent duled hts (gre shoul	failu for eateu d be	ure, co comple r than 1 replace	tion. 1/8") c ed imr	ve repairs Severely r severely mediately.	5					
		NOTE: V install BL 0488 and of the we	Vhen rep JSHING, d pre-gre eldment f	DACING DAMI ase th ork.	wele PER e inr	dments , PSN 9 ner and	, be s 9330- side	ure to 10-000- surfaces						
		10. If the	e Shoe S	Sorter	was	jogged	using	the VFD				1		

U.S. Postal	Service						I	DENTIFICA	TION				
Maintenance	Check	list	WORK CODE		EQ AC	UIPME CRONY	NT M		CL C(ASS ODE	NU	MBER	TYPE
			0 3	A P	P	S			Α	Α	0	0 1	М
Equipment Nomenclature	e		Equipmer	nt Model	1 1			Bulletin File	ename		Occurre	nce	
Automated Packag	ge Proo m	cessing						mm	15109			eCBN	
Syste	[[]												
Part or	Item		Task	Statement	and Ins	tructio	۱		Est.	Min.		Threshol	ds
Component	NO	(Comply wit	th all curre	nt safety	/ preca	utior	ıs)	Time	Skill	Run	Pieces	Freq.
									(min)	Lev	TIOUIS	(000)	
		Par sub a.	ameter T steps: Don PF	ool, perf E.	form th		owin ect	ng switch to					
			the Off	position.									
		C.	Open e disconn cable fr	nclosure nect the \ om the \	e FSD2 VFD P /FD.	2-DC0 aram	C-8 eter	and tool					
		d.	Close tl	he FSD2	2-DCC	-8 end	clos	ure.					
		e.	Turn FS the ON	SD2-DC0 position	C-8 dis	conn	ect	switch to					
		f.	Doff PF	Έ.									
		11. Rep	lace any	remove	d guar	ding							
DISTRIBUTION	76**	Check S	hoe Sor	ter con	dition	on si	de (one.	12	09	600	2700	
SUBSYSTEM:		1. Rem	iove guai	rding as	neces	sary							
SIDE 1		2. Verif	y all fram	ne hardw	/are is	tight.							
		3. Cheo dam bare	ck overflo age and ly touche	ow debri adjustm es the sla	s brusl ent so ats for	h for o that t its en	obvi he l tire	ous orush length.					
		4. Cheo leaks	ck chain s.	oiler res	ervoir	and m	nani	ifold for					
		5. Cheo lubrio Exxo Mob	ck chain cant if re on Mobil il Vactra	oiler res servoir is FEBIS K #2.	ervoir s low. (68, Sh	oil lev Reple nell To	el. enis onna	Add h with a V 68 or					
		6. Repl	ace any	removed	d guaro	ding							
		7. Gen Supe	erate cor ervisor as	rective v s necess	vork or ary.	der a	nd ı	notify					
DISTRIBUTION	77**	Check S	hoe Sor	ter con	dition	on si	de 1	two.	12	09	600	2700	
SUBSYSTEM: SHOE SORTER		1. Rem	iove guai	rding as	neces	sary							
SIDE 2		2. Verif	y all fran	ne hardw	/are is	tight.							
		3. Cheo dam	ck overflo age and	ow debri adjustm	s brusl ent so	h for d that t	bvi he l	ous orush					
		bare	iy touche	es the sla	ats for	its en	tire	length.					

U.S. Postal S	Service							ID	ENTIFICAT	ION					
Maintenance (Check	list	-	WORK CODE		EQU ACI	IPMENT RONYM	Γ		CL CC	ASS DDE	NU	MBER		TYPE
			-	0 3	A P	P S	; []			Α	Α	0	0 1	+	М
Equipment Nomenclature Automated Packag Systen	je Proc n	cessin	g	Equipmer	nt Model		. 1		Bulletin File mm1	name I5109		Occurre	^{nce} eCBI	N	
Part or	ltem			Task	Statement	and Inst	uction			Est	Min		Thresho	olds	
Component	No		(C	Comply wit	h all curre	nt safety	precautio	ons	5)	Time Req (min)	Skill Lev	Run Hours	Pieces Fed (000)	;	Freq.
DISTRIBUTION SUBSYSTEM: SHOE SORTER CHAIN SIDE 1	78**	4. C Ie 5. C IL E M 6. R 7. G Chec 1. C a V A 3. C the p a	Checkaks Che	k chain o cant if res n Mobil I I Vactra : ace any i erate corr rivisor as hain Ter ove guar k chain t mbly. The edge o ng hole o st as nec sure side to taking Measure o the inb idjustme -/- 1/16") hould be haft to the ension a nput end	oiler rest servoir is FEBIS K #2. removed rective v s necess nsion ar rding as tension a rding as tension a rding as tension a rding as tension a ding as tension a rding as tension a tension a ding as tension a tension a ding as tension a tension a ding as tension a tension a ding as tension a tension a tension a tension a tension a tension a ding as tension a tension a ten	ervoir a ervoir o s low. F 68, Sha d guard vork or ary. nd Delt necess at tail sl al sprin t visible nches f chain la be run f owing n e tail sha ge of th be run f owing n e tail sha ge of th box or n side. from the of the bo	nd mar il level. Repleni ell Tonr der and ary haft/spr g plate from t from ed ength c ere just for 5 m heasure aft cent e guard neasure aft cent e guard neasure center x oppo mbly (to rter).	nife ish ish in ide in in in in in in in in in in in in in	old for Add with V 68 or otify e one. cket hould be e of box). Ita. If nade, utes nent. r dimple de (within ments of the ite the vards the	5	09	500	2300		
		c	. C If b s a th s If th	Compare f the delt horter si ind corre han 5.5 i hould be f correcti lecrease he next s	measur a is grea lem with de. Tak ect. If eit nches fu e schedu ng oiler this side schedule	rements ater tha in the ch ice action ther me ull chair uled. issues e-to-sid ad meas	from e n 1/2" t ain oile n to inv asuren replac does n e differ sureme	ead the er over ne cer ot rer	ch side. ere may on the stigate nt is less ment nce by c or the						

U.S. Postal	Service										IC	DENTIFICAT	ΓION					
Maintenance	Check	list		WORI CODE				E(A	QUIP \CRC	MENT NYM	-		CL C	ASS ODE	NU	JMBE	ĒR	TYPE
				0 3	3	AI	>	Ρ	S				Α	Α	0	0	1	М
Equipment Nomenclature	e			Equipn	nent	Mode					T	Bulletin File	ename	- 	Occurre	ence		
Automated Packag	ge Proc	ess	ing									mm′	15109			eC	CBM	
Syste	m																	
Part or	Item			Tas	sk S	tateme	ent a	nd Ir	nstruc	tion			Est.	Min.		Thre	shold	S
Component	No		(Comply	with	all cur	rent	safe	ety pro	ecautio	on	s)	Time	Skill	Run	Pie	eces	Freq.
													Req (min)	Lev	Hours	F	ed	
													. ,			(0	00)	
				replace	me	ent sh	oul	d be	ioo e	nside	re	ed.						
		4.	Che	ck oiler	brı	ush fo	or w	/ear	, dir	, or n	ni	s-						
			adju	stment					,	,								
		5.	Rep	lace an	y re	emov	ed	gua	rdin	g								
		6.	Sup	ervisor	as	nece	ssa	irv.										
	70**	Ch	ork (hain T	'n	sion	and	<u>d D</u>	alta	on ei	Ы	o two	5	00	500	2'	300	
SUBSYSTEM:	19				C11		an			511 51	u	5 1990.	5	09	500	2	500	
SHOE SORTER		1.	Rem	iove gu	arc	aing a	is n	ece	ssar	У								
CHAIN SIDE 2		2.	Che	ck chai	n te Th	ensio	n at	t tail	sha ring	ft/spr	0	cket						
			asse at th	e edge	of,	but r	not	visit	ble fi	om tl	s he	e top						
			view	ing hol	e (3	3-3/10	3 in	che	s fro	m ed	lg	e of box).						
			Adju	ist as n	ece	essar	у.											
		3.	Mea	sure si	de-	to-sic	le c	hair	n ler	gth d	le	lta. If						
			chai the s	n tensio shoe so	on a orte	adjus r mus	tme st h	ents e ru	wer	e just · 5 mi	t r in	nade, utes						
			prior	to taki	ng	the fo		wing	g me	asure	er	nent.						
			a.	Measu	e f	rom t	he	tail s	shaf	cent	te	r dimple						
				to the i	nbc	ard e	edge	e of	the	guard	de	ed .						
			i	adjustn +/₋ 1/16	nen מיו (״	it fran	ne t ch	XOC side	on e	ach s	Sİ rc	de (within ments						
			:	should	be	taker	n fro	om t	he c	enter	r c	of the						
			:	shaft to	the	e end	l of	the	box	oppo	s	ite the						
				tension	ad d d	justn of the	ieni	t as:	sem Sort	bly (to or)	0\	wards the						
			b	Commo								ab aida						
			D.	Compa If the d	re i elta	meas a is ar	ure eat	emer er ti	nts ti han	om e 1/2"	ea th	ich side. Iere mav						
				be a pr	obl	em w	ith	the	chai	n oile	er	on the						
			:	shorter	sic	le. T	ake	act	ion f	o inv	e	stigate						
				and coi than 5	rec 5 in	ct. If thes	eith full	ier n I cha	neas ain r	enlac	າe :e	ent is less ment						
			:	should	be	sche	dule	ed.										
			C.	lf corre	ctin	ng oile	er is	sue	es do	es no	ot							
				decrea	se t	this s	ide∙	-to-s	side	differ	e	nce by						
				the nex	t so	chedu	ulec the	1 me	asu	reme	n	t or the						
				replace	me	ent sh	oul	d be	100 E	nain, nsidei	re	ed.						
		4	Che	ck oiler	bri	ush fo	or w	/ear	. dir	or n	ni	s-						
			adju	stment				2.41	,	, 1	1							

U.S. Postal Se	ervice							ID	ENTIFICAT	ΓΙΟΝ				
Maintenance C	heck	list	WORK CODE		l	EQUIF ACRC	MENT DNYM			CL CC	ASS ODE	NU	MBER	TYPE
			0 3	AF	P	S				Α	Α	0	0 1	М
Equipment Nomenclature			Equipme	nt Model		1	1		Bulletin File	ename	'	Occurre	nce	1
Automated Package	e Proc	cessing							mm′	15109			eCBN	
System	1													
Part or	Item		Task	Stateme	nt and	Instruc	tion			Est.	Min.		Threshol	ds
Component	No	(Comply wi	th all cur	ent sa	fetv pr	ecautio	ns	3)	Time	Skill	Run	Pieces	Freq
Component		()	comply m	an our	ontou	ioty pr	bouutio	,,,,,	-)	Req	Lev	Hours	Fed	ricq.
										(11111)			(000)	
											1			1
		5. Repl	ace any	remov	ed gu	ardın	g							
		6. Gene	erate cor	rective	work	orde	r and	n	otify					
		Supe	ervisor as	s neces	ssary.									
DISTRIBUTION	80	Change	gearbox	c oil or	side	one				14	07	10000	45000	
SUBSYSTEM:		Change	rearbox	oil usir	na ISC	VG	220 M	1ir	neral					
SHOE SORTER		Based O	il, Shell (1220		20 101		lorui					
GEARBOX SIDE 1			,	-	-									
DISTRIBUTION	81	Change	gearbox	c oil or	side	two.				14	07	10000	45000	
SUBSYSTEM:		Change	gearbox	oil usir	ig ISC) VG	220 M	1ir	neral					
GEARBOX SIDE 2		Based O	il, Shell (OMALA	220									
			<u> </u>	<u> </u>										
	82	Check d	rive beli	t and s	proc	ket c	onditi	10	n on	24	09	7200	35000	
POLY CHAIN		side one	<i>.</i>											
BELTS SIDE 1		Check co	ondition of	of poly	chain	belts	and s	sp	prockets					
		on the to	r belts w	ith tear	ors to	r pullo ssing	eys WI tooth	'Itr	n snarp or					
		improper	tension	. Rem	ove a	uardi	nd. as	, . S	51					
		necessa	ry, check	belts	and s	prock	ets, th	he	en					
		reinstall	guarding	for the	follo	wing	conve	эy	ors:					
		1. Sync	: Module	Conve	yors	DX1-	1 thro	bu	gh DX1-					
		4 an	d DX2-1	(5) 5 to	8 lb	at .12	25" to	.2	25"					
		2. Reci	rculation	Conve	eyor (1) see	e MS-2	20	02 for					
		tensi	oning			,								
		3. Auto	-inductio	n 45 d	earee	Load	ling a	n	d					
		Unlo	ading Co	onveyo	rs (6)	5 to	7 lbs.	a	t .5"					
		4. Auto	-inductio	n Svno	Con	vevor	s (6) {	5	to 7 lbs.					
		at .5'	1	j		, - ,	- (-) -	-						
		5 Sem	i-Autom:	atic Ind	uctior	n Stat	ion Co	റ	dina					
		Conv	veyors (2	2) 5 to 7	7 lbs.	at .5"			anig					
			- (· 		. Ctot	ion Sc	62	ale					
		h Sem	i-Automa	atic Ind	uctior	ייגיה ו		-00			1	1		1
		6. Sem Conv	i-Automa /eyor (1)	atic Ind 5 to 7	uctior lbs. a	i 5tat t .5"								
		6. Sem Conv	i-Automa /eyor (1) i-Automa	atic Ind 5 to 7	uctior lbs. a	t .5"	ion							
		6. Sem Conv 7. Sem Svnc	i-Automa /eyor (1) i-Automa :hronizin	atic Ind 5 to 7 atic Ind a Conv	uctior lbs. a uctior evor	1 Stat it .5" n Stat (1) 5	ion to 7 lh	bs	s. at .5"					
		6. Sem Conv 7. Sem Sync	i-Automa /eyor (1) i-Automa hronizin	atic Ind 5 to 7 atic Ind g Conv	uctior lbs. a uctior eyor	1 Stat 1t .5" 1 Stat (1) 5	ion to 7 lb	bs	s. at .5"					
		6. Sem Conv 7. Sem Sync 8. Sem Conv	i-Automa veyor (1) i-Automa hronizin i-Automa veyor (1)	atic Ind 5 to 7 atic Ind g Conv atic Ind 5 to 7	uction lbs. a uctior eyor uctior lbs. a	n Stat n Stat (1) 5 n Stat n Stat	ion to 7 lb ion Ur	bs nl	s. at .5" oading					

U.S. Postal	Service						IDENTIFICA	TION				
Maintenance	Check	list	WORK CODE		EQUI ACR	PMENT ONYM		CL	LASS ODE	NU	MBER	TYPE
			0 3	A P	P S			Α	A	0	0 1	М
Equipment Nomenclature	9	-	Equipmer	nt Model			Bulletin Fil	ename		Occurre	nce	
Automated Packa	ge Proc m	essing					mm	15109			eCBM	
Syste												
Part or	Item		Task	Statement	and Instru	ction		Est.	Min.		Threshold	ls
Component	NO	(Comply wit	h all currer	it safety p	recautio	ns)	Time	Skill	Run	Pieces	Freq.
								(min)	Lev	TIOUIS	(000)	
										1	(000)	
INDUCTION SUBSYSTEM	83	Check d	rive belt	and spi	ocket o	onditi	on on	24	09	7200	35000	
POLY CHAIN		Chock of	, andition c	of poly of	ain halt	e and i	oprockoto					
DRIVE BELTS SIDE		on the fo	llowing c	onveyor	s for pul	eys wi	ith sharp					
2		edges, o	r belts wi	ith tears,	missing	teeth,	or					
		necessa	ry, check	belts an	e guaru d sproc	rig, as (ets, th	hen					
		reinstall	guarding	for the for	ollowing	conve	yors:					
		1. Syno 4 an	c Module d DX2-1	Conveye (5) 5 to 8	ors DX1 3 lbs. at	-1 thro .125" t	ugh DX1- o .25"					
		2. Reci tensi	rculation	Convey	or (1) se	e MS-	202 for					
		3 Auto	-inductio	n 45 dea	ree I oa	dina a	nd					
		Unlo	ading Co	nveyors	(6) 5 to	7 lbs.	at .5"					
		4. Auto .5"	-inductio	n Sync C	Conveyo	rs (6)	5 to 7 lb at					
		5. Sem Conv	i-Automa veyors (2	atic Induc 2) 5 to 7 l	tion Sta bs. at .5	tion Co "	oding					
		6. Sem Conv	i-Automa veyor (1)	atic Induc 5 to 7 lb	tion Sta s. at .5"	tion So	cale					
		7. Sem Sync	i-Automa chronizing	atic Induc g Convey	tion Sta /or (1) 5	tion to 7 lk	os. at .5"					
		8. Sem Conv	i-Automa veyor (1)	atic Induc 5 to 7 lb	tion Sta s. at .5″	tion U	nloading					
		9. Gen Supe	erate cor ervisor as	rective w	ork ordo ary.	er and	notify					
INDUCTION	84	Check g	earbox o	conditio	n on sid	le one		2	07	1800	8200	
GEARBOXES SIDE		Check ge leaks:	earboxes	on the f	ollowing	conve	eyors for					
		1. Rem	iove guar	ding as i	necessa	ry						
		2. Auto	-Inductio	n 90 Deg	gree Co	nveyor	(3)					
		3. Sem	i-Auto Ro	oller Con	veyor (´)						
		4. Rew	ork Rolle	r Conve	/or (1)							
		5. Renl	ace anv	removed	quardir	a						
		6. Gen	erate cor	rective w	ork ord	er and	notifv					

U.S. Postal	Service					I	DENTIFICA	TION				
Maintenance	Check	list	WORK CODE		EQUIF ACR(PMENT DNYM		CL	ASS ODE	NU	MBER	TYPE
			0 3	A P	P S			Α	Α	0	0 1	М
Equipment Nomenclature	; 		Equipmer	nt Model			Bulletin File	ename		Occurre	nce	
Automated Packag	ge Proc m	essing					mm	15109			eCBM	
,				_								
Part or	Item No		Task S	Statement	and Instru	ction	``	Est. Time	Min. Skill		Threshold	is _
Component		(1	Comply with	h all currer	it safety pr	ecautio	ns)	Req	Lev	Run Hours	Pieces Fed	Freq.
								(min)	LOV		(000)	
		Supe	arvisor as	necess	arv							
	05	Oupe			ary.	- 4		0	07	4000	0000	
SUBSYSTEM:	85	Спеск д	earbox o	conditio	n on sid	e two		2	07	1800	8200	
GEARBOXES SIDE		Check ge	earboxes	on the f	ollowing	conve	eyors for					
2		1 Ren		urdina as	necess	arv						
			nove gua		aree Co	ai y Divoivo	r (2)					
		2. Auto			gree Co	nveyo	r (3)					
		3. Sen			iveyor (1)						
		4. Rev	vork Rolle	er Conve	yor (1)							
		5. Rep	lace any	remove	d guardi	ng						
		6. Ger	erate co	rrective v	vork ord	er and	notify					
		Sup			ary.					4000		
SUBSYSTEM:	86	Спеск О	-ring be	Its on si	de one.			5	09	1800	8200	
SEMI-AUTO ROLLER TABLES		Check un and the r	nderside ework ro	of the sh ller table	from be	r rolle neath	r table them.					
SIDE 1		Look for	damage	or obvio	us signs	of wea	ar such as					
		rollers, m	er snans, nissing O	-ring belt	s, or be	ig puli arings	eys or emitting					
		debris.	0	Ū		U	Ū					
		Generate	e correcti	ve work	order an	d notif	ý					
		Supervis	or as neo	cessary.								
INDUCTION	87	Check C	-ring be	lts on si	de two.			5	09	1800	8200	
SUBSYSTEM: SEMI-AUTO		Check u	nderside	of the sh	oe sorte	r rolle	r table					
ROLLER TABLES		and the r	ework ro	ller table	from be	neath	them.					
SIDE 2		Look for	damage	or obvio	us signs	of wea	ar such as					
		belts, or	bearings	emitting	debris.	1115511	ig O-ning					
		Generate	e correcti	ve work	order an	d notif	y					
		Supervis	or as neo	cessary.						7000	05000	
INDUCTION SUBSYSTEM [.]	88	Check te	ension p	ulley on	side or	e.	-	6	09	/200	35000	
SEMI-AUTO		Check C	oding Be	It Tensio	n Roller	bearir ft dam	ngs and					
		wear or b	bearing e	mitting d	ebris).	Rotate	coding					
BELTS) SIDE 1		belt by h	and to ve	erify rolle	r is not b	inding	and that					
,		bearings	are not f	aning.								

U.S. Postal	Service	÷ -					I	DENTIFICA	TION				
Maintenance	Check	list	WORK CODE		EC A	QUIPI CRO	MENT NYM		CL	LASS ODE	NU	MBER	TYPE
			0 3	A P	Ρ	S			Α	Α	0	0 1	М
Equipment Nomenclature	Э		Equipme	nt Model	1 1	I		Bulletin Fil	ename		Occurre	nce	
Automated Packa	ge Proo	cessing						mm	15109			eCBM	
Syste	m												
Part or	Item		Task	Statement	and In	struc	ion		Est.	Min.		Threshold	ls
Component	INO	(Comply wit	th all curre	nt safe	ty pre	cautior	ıs)	Time	Skill	Run	Pieces	Freq.
									(min)	Lev	Hours	Fea	
												(000)	
		Generat	e correct	ive work	order	and	l notif	у					
		Supervis		cessary.	<u>.</u>								
INDUCTION SUBSYSTEM:	89	Check to	ension p	oulley or	ı side	e two) .		6	09	7200	35000	
SEMI-AUTO		Check C	oding Be	elt Tensio	on Ro	ller l	bearin	igs and					
CODING		snatt end wear, or	us for sig bearing	ins of fail emitting	ure (s debris	snan s). F	dam: Rotate	age, or e coding					
CONVEYOR (2 BELTS) SIDE 2		belt by h	and to ve	erify rolle	r is n	ot bi	nding	and that					
		bearings	are not	failing.									
		Generat	e correct	ive work	order	and	l notif	у					
		Supervis	or as ne	cessary.									
	90	Check A	nti-Skid	l Assem	blies	ons	side d	one.	7	09	7200	35000	
DEGREE BELTS SIDE 1		Check A Semi-Au	nti-Skid /	Assembl tion Stati	ies or ons fo	n the or:	Auto	and					
		1. Rem	iove gua	rding as	neces	ssar	/						
		2. Brok hard	en, miss ware.	ing, dam	aged	, or	oose						
		3. Che	ck for bro	oken, mis	ssing,	or c	amag	jed					
		4. Che	ck for bro	oken, mis	ssing,	dan	nageo	l, or					
		bind	ing caste	ers.									
		5. Rep	lace any	removed	d guar	rding							
		6. Gen	erate cor	rrective v	vork o	order	and	notify					
	91	Check A	nti-Skid	l Assem	blies	on	side t	wo.	7	09	7200	35000	
SUBSYSTEM: 45 DEGREE BELTS	_	Check A Semi-Au	nti-Skid /	Assembl tion Stati	ies or ons fo	n the or:	Auto	and					
SIDE 2		1. Rem	iove dua	rdina as	neces	ssar	/						
		2. Brok	en, miss ware	sing, dam	aged	, or	oose						
		3. Cheo sprir	ck for brongs.	oken, mis	ssing,	or c	amag	jed					
		4. Che bind	ck for bro ing caste	oken, mis ers.	ssing,	dan	nageo	l, or					
		5. Repl	lace any	removed	l guar	rding	I						
		6. Gen	erate cor	rective v	vork o	order	and	notify					

U.S. Postal	Service					I	DENTIFICA	TION				
Maintenance	Check	list	WORK CODE		EQUIF ACR	PMENT DNYM		CL	ASS ODE	NU	IMBER	TYPE
			0 3	A P	P S			Α	Α	0	0 1	М
Equipment Nomenclature		accina	Equipmen	nt Model			Bulletin File	ename	<u> </u>	Occurre	ence	
	<u>ye Fiot</u> m	essing					mm	15109			eCBM	
Part or	ltem		Tack (Statement	and Instru	ction		Fet	Min		Threshold	ls
Component	No	((Comply with	h all currer	nt safetv p	ecautio	ns)	Time	Skill	Run	Pieces	Freq
							,	Req (min)	Lev	Hours	Fed (000)	1104.
		Supe	ervisor as	necess	arv.							
SORTER	92**	Check S	orter sat	fety barı	iers.			0.01*	07			1
SUBSYSTEM: SAFETY		Check fo	r missing	, loose,	or dama	ged sa	afety					
BARRIERS		barriers (etc.).	(Lexan pa	anels, wi	re mesh	scree	ns, gates,					
		Generate Supervis	e correcti or as nec	ve work cessary.	order ar	d notif	У					
		· *Multipli	ed By: C	arrier C	ells							
SORTER	93	Clean la	bel print	er print	heads.			2	07	20	190	
SUBSYSTEM: LABEL PRINTERS		Clean the following	e label pr procedu	inter prir re:	nt head u	using t	he					
		1. Ensu the A	ire this pr PPS is p	rocedure oowered	is acco down.	mplish	ed when					
		WARNIN printhea	IG: Allov d to coo	v suffici I before	ent time handlir	for th ig or c	ne :leaning.					
		2. Do n shar	ot touch t p objects	the print	head wi	th any	metal or					
		3. Ensu	ire the pr	inter swi	tch is in	OFF p	osition.					
		4. Rais	e and op	en the hi	nged la	oel prir	nter cover.					
		5. Rota coun	te the gre ter-clock	een print wise pos	head lif sition.	t knob	in the full					
		6. Lift th	ne print h	ead to a	ccess th	e print	surface.					
		WARNIN required alcohol. Discard local pro combus	IG: PPE by the c Alcoho alcohol ocedures tion.	must be current \$ I is a fla soaked s to prev	e proper SDS wh mmable materia vent spo	ly use en usi liquic Is acc ntane	d as ng I. ording to ous					
		7. Apply Q-Tij alcoh resul	y a small p. Do no nol. A da lts.	amount t over-sa mp Q-tip	of Isopr aturate tl o will pro	opyl al ne Q-ti vide th	cohol to a p with ne best					
		8. Care expo	fully wipe sed print	e debris t head wi	from the th the Q	face c -Tip.	of the					
		9. Care	fully lowe	er the pri	nt head	onto tł	ne roller					

U.S. Postal	Service					I	DENTIFICA	TION				
Maintenance	Check	list	WORK CODE		EQUI ACR	PMENT ONYM		CL	LASS ODE	NU	MBER	TYPE
			0 3	A P	P S			Α	Α	0	0 1	М
Equipment Nomenclature	e		Equipmer	nt Model		1 1	Bulletin File	ename		Occurre	nce	
Automated Packag	ge Proc	essing					mm	15109			eCBM	
Syste	m											
Part or	Item		Task S	Statement	and Instru	ction		Est.	Min.		Threshold	ls
Component	No	(Comply wit	h all curren	t safety p	recautio	ns)	Time	Skill	Run	Pieces	Freq.
								Req (min)	Lev	Hours	Fed	
								()			(000)	
		and	label.									
		10. Rota	te the are	een print	head lit	t knob	in the full					
		clock	wise pos	sition.								
		11. Clos	e the hing	ged labe	l printer	cover.						
		12. Rest	ore the p	rinter sw	itch to t	he on r	oosition.					
		13 After	' the ΔPP	S is now	ered ur	and re	eturned to					
		oper	ating con	dition, p	rint a te	st label	from					
		each	i label pri	nter, and	l verify l	abel pr	int					
SORTER SUBSYSTEM: BINS	94	Check b conditio	in, roller n.	table, a	nd sac	< hang	er	1*	07	1400		
		WARNIN	IG: Worr	h bin chi	ites an	d othe	r					
		hardwar protectio	e may ha	ave shai	p edge	s. Use	e hand					
		Check 28 for ease	5% of the of use ar	e roller ta nd operal	bles an bility.	d sack	hangers					
		NOTE: \ were che point.	/erify in th ecked pre	he machi eviously a	ne logb and con	ook wh inue fr	nich bins rom that					
		WARNIN stops wi pulled c these st pulling t	IG: Failu ill allow f omplete ops are i he roller	ire of rol the rolle ly out of in place table o	ler exte r table the tra and us ut fully.	ension assem ck. Ve e cauti	table bly to be erify ion when					
		1. Verif place exter	y the chu e and fun nsion fully	ute roller octional b y.	extensi y exten	on stop ding th	os are in e roller					
		2. Cheo for w	ck bin chu ⁄ear, shai	utes and rp edges	associa , and da	ited ha image.	rdware					
		3. Gras side- that t miss	p each c to-side. the lower ing.	hute and Ability to mountin	attemp move o g bolts	t to lift hute ir may be	or move it ndicates e loose or					
		4. Log this of a rot	the bin po check and ational ba	osition nu d ensure asis.	umbers all bins	checke are ch	ed during lecked on					
		5. Gene Supe	erate corr ervisor as	rective w s necessa	ork ord ary.	er and	notify					

U.S. Postal	Service					I	DENTIFICA	ΓΙΟΝ				
Maintenance	Checkl	list	WORK CODE		EQUI ACR	PMENT ONYM		CL	ASS ODE	NU	MBER	TYPE
			0 3	A P	P S			Α	Α	0	0 1	М
Equipment Nomenclature			Equipmer	nt Model			Bulletin File	ename		Occurre	nce	
Automated Packag	ge Proc m	essing					mm	15109			eCBM	
0)010												
Part or	Item No		Task	Statement	and Instru	ction		Est.	Min.		Threshold	ls
Component		(0	Comply wit	h all currer	it safety p	recautio	ns)	Req	SKIII	Run Hours	Pieces Fed	Freq.
								(min)	Lev	liouio	(000)	
		****			•							
		^Multipii	ed By: 2	5% BIN	5							
SORTER	95	Check c	ables an	nd wiring	J.			0.05*	07	7200		
CABLES, WIRING.		Check th	e physic	al integri	ty of all	externa	ally					
CONNECTORS,		accessib	le cables	s, wiring, e Sorter	connect Subsyst	ors, ar em T	nd iahten					
		any visib	ly loose	connectio	ons and	note a	ny					
I ERIVIINA HONS		obvious o	cable dai	mage su	ch as pi	nched	cables,					
		integrity.	018310113	WHICH CO			IC					
		• (GCPU ca	bling.								
		• 7	70 VDC F	Power Su	ipply ca	bling.						
		• (OCC Cat	oling								
		• (OIP Cabl	ing								
		Perform [·] tasks wh	this task ile guard	in tande ing is rer	m with s noved f	orter v or clea	acuuming ning.					
		Generate Supervis	e correcti or as neo	ve work cessary.	order ar	nd notif	у У					
		*Multipli	ed By: C	Carrier C	ells							
SORTER	96	Clean m	onorail.					0.1*	07	7200		
SUBSYSTEM: CLEAN MONORAIL DEBRIS		Check m removed monorail	onorail fo by regul with exc	or build-u ar vacuu essive b	ip of dirl ming. (uildup.	or det Clean a	oris not areas of					
		Perform vacuumii remove a	this task ng sched additiona	in coordi lule to mi l guardin	nation v nimize i g.	vith So necess	rter ity to					
		*Multipli	ed By: C	Carrier C	ells							
POWER AND	97	Inspect	and clea	n PFC.				10	09			М
CONTROL: POWER FACTOR CONTROL CABINET (PFC)		WARNIN have t voltages system discharg persona	IG: Cap he pot 5. Wait lockou ge. Fail I injury (acitors ential t at lea it for ure to c or death	within to sto st two capaci comply	this e ore h minu tors could	enclosure azardous ites after to fully result in	,				
		1. Oper	n cover c	of PFC								
		2. Cheo	ck condit	ion of int	erior coi	npone	nts.					

U.S. Postal	Service	÷ -					I	DENTIFI	CATION						
Maintenance	Check	list	WORK CODE		E(A		MENT NYM			CLASS CODE		NU	MBE	R	TYPE
			0 3	A P	Ρ	S			ŀ		۸	0	0	1	М
Equipment Nomenclature	9		Equipme	nt Model				Bulletin	Filenam	e	Oc	curre	nce		
Automated Packa	ge Proc	cessing						m	1m1510	9			еC	BM	
Syste	m														
Part or	Item		Task	Statement	and Ir	nstruc	tion		Es	. Min			Thre	shold	S
Component	NO	(Comply wit	th all curre	nt safe	ty pre	ecautio	ns)	Tim	e Skil	F	Run	Pie	ces	Freq.
									(mi	H 1) Lev	н	ours	F6		
	l r	1								-			(00	50)	
		3. Che	ck coolin	g fans fo	r dirty	y bla	des a	nd clea	in						
					c :	-l'		- f	_						
		4. Cheo dam	ck inside aged cor	mponent	tor in S.	dica	tions	of worn	or						
		5. Insp	ect condi	ition of fil	lter m	nedia	locat	ed at							
		botto appr	om of end opriate.	closure.	Clea	n or	repla	ce filter	as						
		6. Clos	e cover o	of PFC											
		7. Gen Supe	erate cor ervisor a:	rective w s necess	vork o ary.	orde	r and	notify							
POWER AND	98	Clean S	MS Com	puter Ca	abine	et &	Desk		8	07	,				М
CONTROL: SUPERVISOR PLATFORM COMPUTER CABINET		1. Che com com visib	ck for ind ponents. puters ar ly damag	lications Verify c re secure ged.	of da ablin and	mag g co cab	ed ca nnect les ar	binet o ions to e not	r						
		2. Clea keyb	n cabine oard, mo	et interior ouse, and	& ex d moi	teric nitor	r, prir as ne	iter, eded.							
		3. Vacu nece	uum com essary).	puter filt	ers (r	epla	ce as								
POWER AND	99	Clean S	uperviso	or Platfo	rm C	omp	outers	s (3).	60) 09)				52
CONTROL: SUPERVISOR		1. Verif cabli	y cables	are labe the comp	eled, a outer.	and i	then c	lisconne	ect						
COMPUTER CABINET		2. Rem com Dust	iove com puter inte Contain	puter fro erior usin ment Un	om rao Ig an it.	ck a ESE	nd cle) vacu	an ium or							
		3. Re-ii reco	nstall cor nnect ca	mputer w bling.	vithin	the i	ack a	nd							
POWER AND CONTROL: IMAGE	100	Clean IS per syst	and IP em).	compute	er ca	bine	ts 1 t	hru 3 (:	3 1:	5 07					М
PROCESSOR RACKS 1 THRU 3		1. Cheo com com visib	ck for ind ponents. puters ar ly damag	lications Verify c e secure ged.	of da ablin e and	mag g co cab	led ca nnect les ar	binet o ions to e not	r						
		2. Clea mou	n cabine se, and r	et interior monitor a	& ex is nee	teric edec	r, key I.	board,							
		3. Vacı	<u>um co</u> m	puter filte	ers (r	epla	<u>ce a</u> s								

U.S. Postal	Service							IDEI	NTIFICA	TION					
Maintenance	Check	list	WORK CODE		EC A	QUIP CRO	MENT NYM			CL	ASS ODE	NU	JMBE	R	TYPE
			0 3	A P	Ρ	S				Α	Α	0	0	1	М
Equipment Nomenclature	Э		Equipme	nt Model	1 1			Вι	ulletin File	ename		Occurre	ence		
Automated Packa	ge Proc	cessing							mm	15109			eC	ВМ	
Syste	m														
Part or	Item		Task	Statement	and In	struc	tion			Est.	Min.		Thre	shold	s
Component	No	(Comply wi	th all curre	nt safe	tv nre	cautio	ns)		Time	Skill	Run	Pie	CAS	Freq
Component		(comply w			y pro	Jouuno	110)		Req	Lev	Hours	F	ed	rieq.
										(11111)			(0	00)	
	1										T	T	1		1
		nece	essary).												
POWER AND	101	Clean IP	[,] compu	ter cabiı	net #4	4 (1	per s	yst	:em).	5	07				М
CONTROL: IMAGE		1. Cheo	ck for inc	dications	of da	mag	ed ca	abin	net or						
PROCESSOR RACK / (DUAL		com	ponents.	Verify c	ablin	g co	nnect	ion	s to						
ONLY)		com	puters a	re secure	e and	cab	es ar	e n	ot						
,		VISID	ly dama	ged.											
		2. Clea	n cabine	et interior	& ex	terio	r, key	boa	ard,						
		mou	se, and I	monitor a	as nee	edec	Ι.								
		3. Vacu	um com	puter filt	ers (r	epla	ce as								
		nece	essary).												
		* Dual Si	ded Ma	chine On	ly										
POWER AND	102	Clean th	e Image	Server	Com	pute	ər.			20	09				52
PROCESSOR		1. Verif	y cables	are labe	eled, t	hen	disco	nne	ect						
RACKS 1 THRU 3		cabli	ng from	the comp	outer.										
		2. Rem	ove con	nputer fro	om rad	ck a	nd cle	an							
		Com Dust	Contair	erior usin iment Un	ig an lit.	ESL	vaci	Jun	n or						
		3 Poir		mouterw	vithin t	tha	ack a	nd							
		reco	nnect ca	bling.			acka	inu							
POWER AND	103	Clean th	e AMD		er.					20	09				52
CONTROL: IMAGE		1 Vorif			 104 +	hon	diaco	nn	act						52
PROCESSOR		cabli	ng from	the comp	puter	nen	uisco	1110	501						
RACKS I THRU 3		2 Rem	ove com	nouter fro	om rad	ck a	nd cle	an							
		com	puter inte	erior usin	ig an	ESE) vaci	Jun	n or						
		Dust	Contair	iment Un	it.										
		3. Re-ir	nstall co	mputer w	/ithin 1	the r	ack a	ind							
		reco	nnect ca	bling.											
POWER AND	104	Clean th	e Image	Proces	sor C	com	puter	's ('	1 and	40	09		1		52
CONTROL: IMAGE		2).													
PROCESSORS 1		1. Verif	y cables	are labe	eled, t	hen	disco	nne	ect						
		cabli	ng from	the comp	outer.										
		2. Rem	ove com	nputer fro	om rac	ck a	nd cle	an							
		com	puter inte	erior usin	ig an	ESE) vacı	un	n or						
		Dust	Contain	inieni Uh	nt.										
	1	Re-ir	nstall co	mputer w	/ithin f	the i	ack a	nd		1		1	1		1

U.S. Postal S	Service					I	DENTIFICA	TION				
Maintenance	Check	list	WORK CODE		EQUIP ACRO	MENT NYM		CL	ASS ODE	NU	MBER	TYPE
			0 3	A P F	P S			Α	Α	0	0 1	М
Equipment Nomenclature)		Equipmer	nt Model			Bulletin File	ename		Occurre	nce	
Automated Packa	ge Proc m	essing					mm	15109			eCBM	
- Oyston	11	ī						T				
Part or	Item No		Task S	Statement and	d Instruc	tion	,	Est.	Min.		Threshold	ls –
Component		(0	Comply wit	h all current s	atety pre	cautior	ıs)	l ime Req	Skill	Run Hours	Pieces Fed	Freq.
								(min)	Lev		(000)	
		reco	nnect cal	olina.								
POWER AND	105	Clean Im	nage Pro	cessor Co	mnute	ers (3	and 4)	40	09			52
CONTROL: IMAGE	100	1 Verif	v cables	are labeled	d and t	hen d	lisconnect	10	00			02
PROCESSORS 3 and 4 (DUAL ONLY)		cabli	ng from t	he comput	er.							
		2. Rem	ove com	puter from	rack a	nd cle	an					
		comp	outer inte	rior using a	an ESE) vacu	ium or					
		3 Re-ir		nouter with	in the r	ack a	nd					
		recoi	nnect cal	oling.		auna	nu -					
		* Dual Si	ded Mac	hine Only								
POWER AND	106	Clean FS	SD/DCS	computer	cabine	et side	e one.	5	07			М
CONTROL: FSD COMPUTER CABINETS WITH COMPUTERS AND		1. Cheo com com visib	ck for ind ponents. puters are ly damag	ications of Verify cab e secure ai jed.	damag ling co nd cab	ed ca nnect es are	binet or ions to e not					
UPS SIDE 1		2. Clea mous	n cabine [:] se, and n	t interior & nonitor as r	exterio needec	r, key	board,					
		3. Vacu nece	um com ssary).	puter filters	(repla	ce as						
POWER AND	107	Clean FS	SD & DC	S Comput	ers on	side	one (3).	60	09			52
CONTROL: FSD/DCS		1. Verif cabli	y cables ng from t	are labeled he comput	d, and t er.	hen d	lisconnect					
1		2. Rem comp Dust	ove com outer inte Containi	puter from prior using a ment Unit.	rack, a an ESE	nd cle) vacu	ean ium or					
		3. Re-ir reco	nstall con nnect cal	nputer with oling.	in the r	ack a	nd					
POWER AND	108	Clean FS	SD/DCS	computer	cabine	et side	e two.	5	07			М
CONTROL: FSD COMPUTER CABINETS WITH COMPUTERS AND UPS SIDF 2		1. Cheo com com visib	ck for ind conents. cuters ar ly damag	ications of Verify cab e secure ar jed.	damag ling co nd cab	ed ca nnect es are	binet or ions to e not					
		2. Clea mous	n cabine [.] se, and n	t interior & nonitor as r	exterio needeo	r, key	board,					
		3. Vacu	um com	puter filters	(repla	ce as						

U.S. Postal	Service							IDE	ENTIFICAT	ION					
Maintenance	Check	list	WORK CODE		E	QUIP	MENT NYM			CL	ASS ODE	NU	JMBE	R	TYPE
			0 3	A P	Ρ	S				Α	Α	0	0	1	М
Equipment Nomenclature) no Drog	occina	Equipme	nt Model				E	Bulletin File	name		Occurre	ence		
Syste	m	essing							mm1	5109			eC	ВМ	
			- -	<u></u>						= .					
Part or	Item No		lask Comonius uni		and I	nstruc	tion		\ \	Est. Time	Min. Skill		Ihre	shold	s
Component			Comply wi	In all curre	nt sale	ety pro	cautio	ms,)	Req	Lev	Run Hours	F	eces ed	⊢req.
										(11111)			(0	00)	
		nece	ssarv)												
		* Dual Si	ded Mac	hine On	lv.										
	100				· y		<u></u>		(2)	<u> </u>	00				50
CONTROL:	109			2 Comp	Juler	SOI	side	; LV	wo (3).	00	09				52
FSD/DCS		1. Verif cabli	y cables na from	the com	eiea, outer	and	inen o	ais	sconnect						
COMPUTERS SIDE		2. Rem	ove com	י nputer fro	om ra	ick a	nd cle	ear	n						
L		com	outer inte	erior usir	ig an	ESI) vacı	uu	im or						
		Dust	Contain	iment Un	it.										
		 Re-ir record 	nstall cor nnect ca	mputer w bling.	vithin	the	ack a	ano	d						
		* Dual Si	ded Mad	chine On	ly										
POWER AND	110	Clean IC	compu	ter cabi	net c	on si	de on	ıe.		5	07				М
CONTROL: IMAGE		1. Cheo	ck for inc	lications	of da	amag	jed ca	abi	inet or						
COMPUTER		com	ponents.	Verify o	ablir	ng co Licab	nnect	tio	ons to						
CABINETS WITH		visib	ly dama	ged.			105 01		not						
UPS SIDE 1		2. Clea	n cabine	et interior	& ex	terio	, keyl	bo	oard,						
		3 Vaci	um com	normor e	ore (ronla	1. CA 26								
		nece	essary).		613 (1	iepie	00 83	5							
	111	Clean Im	nage Ca	pture Co	ompi	uters	s (4) .			80	09				52
		1. Verif cabli	y cables ng from	are labe	eled, outer	and	then o	dis	sconnect						
CABINETS WITH		2. Rem	ove com	puter fro	om ra	ick a	nd cle	ear	n						
COMPUTERS AND UPS SIDE 1		com Dust	outer inte Contain	erior usir Iment Un	ig an it.	ESI) vacı	uu	im or						
		3. Re-ir	nstall cor	mputer w	vithin	the	ack a	and	d						
		reco	nnect ca	bling.											
	112	Clean IC	compu	ter cabi	net c	on si	de tw	/0.		5	07				М
CAPTURE		1. Chec	ck for inc	lications	of da	amag	jed ca	abi tio	inet or						
		com	outers a	re secure	a and	l cab	les ar	re I	not						
CABINETS WITH		visib	ly dama	ged.											
UPS SIDE 2		2. Clea mous	n cabine se, and ı	et interior monitor a	& ex is ne	kteric edec	or, key I.	ybo	oard,						
		3. Vacu	um com	puter filt	ers (repla	ce as	\$							

U.S. Postal	Service		IDENTIFICATION											
Maintenance	Check	list	WORK CODE		EQI AC	JIPMEN RONYM	T		CL	LASS ODE	NU	MBEF	२	TYPE
			0 3	A P	P \$	S			Α	Α	0	0	1	М
Equipment Nomenclature)		Equipmer	nt Model	I I			Bulletin File	ename		Occurre	nce		
Automated Packag	ge Proc	essing						mm′	15109			eCl	ВМ	
Syster	m													
Part or	Item		Task	Statement	and Inst	ruction			Est.	Min.		Thres	hold	S
Component	INO	(Comply wit	th all curre	nt safety	precauti	ion	s)	Time	Skill	Run	Piec	es	Freq.
									(min)	Lev	Hours	Fe	a ov	
											-	(00	0)	
		nece	essary).											
		* Dual Si	ded Mac	hine On	ly									
POWER AND	113	Clean In	nage Ca	pture Co	mpute	ers (4).			80	09				52
CONTROL: IMAGE		1. Verif	y cables	are labe	led, ar	nd then	di	sconnect						
COMPUTER		cabli	ng from	the comp	outer.									
CABINETS WITH		2. Rem	ove com	puter fro	m rack	and cl	lea	an						
COMPUTERS AND		com Dust	puter inte Contain	erior usin ment LIn	ig an E it	SD vad	cui	um or						
UPS SIDE 2		3. Re-ir	nstall cor	nputer w	rithin th	e rack	ar	nd						
		reco	nnect ca	bling.										
		* Dual Si	ded Mac	hine On	ly									
POWER AND	114	Clean S	AIC com	puter ca	abinet	on sid	one.	5	07				М	
CONTROL: SEMI-		1. Cheo	ck for ind	lications	of dam	aged o	cab	pinet or						
COMPUTER		com	ponents.	Verify o	abling	connec	ctio	ons to						
CABINETS WITH		visib	ly damag	ged.	anu c	apies a	are	not						
UPS SIDE 1		2. Clea	n cabine	t interior	& exte	rior, ke	eyb	board,						
		mou	se, and r	nonitor a	is need	led.		·						
		3. Vacı nece	um com ssary).	puter filt	ers (re	olace a	IS							
POWER AND	115	Clean In	duction	Compu	ters (4).			80	09				52
AUTO INDUCTION		1. Verif cabli	y cables ng from t	are labe the comp	led, ar outer.	nd then	di	sconnect						
CABINETS WITH		2. Rem	ove com	puter fro	m rack	and cl	lea	an						
UPS SIDE 1		com Dust	Contain	ment Un	ig an ⊨ it.	SD vad	cui	um or						
		3. Re-ir	nstall cor	nputer w	ithin th	e rack	ar	nd						
		reco		uiiig.										
CONTROL: SEMI-	116	Clean S	AIC com	iputer ca	apinet	on sid	et	two.	5	07				M
AUTO INDUCTION		1. Cheo	ck tor ind	Verify of	ot dam abling	aged c	cak cti	onet or						
		com	puters ar	e secure	and c	ables a	are	not						
COMPUTERS AND		visib	ly damag	ged.										
UPS SIDE 2		2. Clea	n cabine	t interior	& exte	rior, ke	eyb	ooard,						
		mou	se, and r	nonitor a	is need	led.								

U.S. Postal S	Service			I	IDENTIFICATION									
Maintenance	IService IDENTIFICATION P Checklist WORK CODE EQUIPMENT ACRONYM CLASS CODE NUMBER 0 3 A P P S A A 0 0 1 re age Processing em Equipment Model Bulletin Filename mm15109 Occurrence Occurrence Item Task Statement and Instruction (Comply with all current safety precautions) Est. Min. (Comply with all current safety precautions) Min. Ev Threshol 3. Vacuum computer filters (replace as necessary). * Dual Sided Machine Only 80 09 Image: Skill Hours Pieces Fed 117 Clean Induction Computers (4). 1. 80 09 Image: Skill Hours 0 Image: Skill Hours Image: Skill Hours <td< td=""><td>२</td><td>TYPE</td></td<>									२	TYPE			
			0 3	A P	Ρ	S			Α	Α	0	0	1	М
Equipment Nomenclature)		Equipmer	nt Model	I I			Bulletin File	ename		Occurre	nce		
Automated Packa	ge Proc	essing						mm′	15109			eCE	ЗΜ	
Syster	m													
Part or	Item		Task	Statement	and In	struc	tion		Est.	Min.		Thres	hold	S
Component	No	(Comply wit	th all currer	nt safei	ty pre	cautior	ıs)	Time	Skill	Run	Piec	es	Freq.
									Req (min)	Lev	Hours	Fee	d	
									· · /			(00)	0)	
		3 Vaci	ium com	nuter filt	ers (ri	enla	ce as							
		nece	essary).	putor int	010 (11	opia	00 00							
		* Dual Si	ided Mac	hine On	lv									
					.,									
POWER AND	117	Clean In	duction	Compu	ters (4).			80	09				52
CONTROL: SEMI-		1. Verif	rify cables are labeled, and then disconnect bling from the computer. move computer from rack and clean mputer interior using an ESD vacuum or											
COMPUTER		cabli	ng from	the comp	outer.									
CABINETS WITH		2. Rem	iove com	puter fro	m rac	ck a	nd cle	an						
COMPUTERS AND		com	puter inte	erior usin	ig an	ESD) vacu	ium or						
UPS SIDE 2		Dust	Contain	ment Un	It.									
		3. Re-ii	nstall cor	nputer w	vithin f	the r	ack a	nd						
		* Dual Si	ided Mae	bing. Shina An	k <i>i</i>									
		Dual Si									4000			
CONTROL:	118	Inspect	and Clea	an SMCC		erior	-		15	09	1800			
SORTER MAIN				WAR	NING									
CABINET (SMCC)		480 \ Line cauti perso conta of Pe Refei (EWF barrie	Volt elec side of on to onal in ained in rsonal F to the o P) MMO cade req	tric pow the ma avoid jury, o this bul Protectiv current for ap juiremen	ver is in dis ele- or di letin ve Eq Elect prop nts.	s pre scor ctric eath requip rica riate	esent nnect cal s n. uire th ment I Wor e PPI	at the . Use shock, Steps ne use (PPE). k Plan E and						
		1. Dor barr Eleo	the app ricades a ctrical Wo	ropriate is require ork Plan	EWP ed by (EWF	PPI the P) M	E and currer MO.	set up nt						
		2. Oper	n cabinet	t door										
		3. Che or d	eck inside amaged	e cabinet compon	for ir ents.	ndica	ations	of worn						
		4. Clea the	an cabine enclosur	et interio e doors.	r as n	need	ed, th	en close						
		5. Clos	e cabine	t door										
		6. Dof	f EWP PI	PE.										
		7. Clea	an cabine	et exterio	or as i	need	ded.							

U.S. Postal	Service		IDENTIFICATION									
Maintenance	Check	list	WORK CODE		EQUI ACR	PMENT ONYM		CL	LASS ODE	NU	MBER	TYPE
			0 3	A P	P S			Α	Α	0	0 1	М
Equipment Nomenclature	9		Equipme	nt Model			Bulletin File	ename		Occurre	nce	•
Automated Packag	ge Proc m	essing					mm	15109			eCBM	
Syste	111											
Part or	Item No		Task	Statement	and Instru	iction		Est.	Min.		Threshole	ds
Component		(Comply wit	th all currer	nt safety p	recautio	ns)	Time Rea	Skill	Run Hours	Pieces Fed	Freq.
								(min)	Lev		(000)	
	119	Inspect	and clea	n UDCC	enclos	ures c	on side	10	09	1800		
UNLOADER			n oobinot									
		I. Oper			e							
CABINET (UDCC)		2. Cheo dam	ck inside aged cor	nponent	for Indic S.	ations	of worn or					
		3. Clea (3 pe	n cabine er side).	t exterio	and int	erior a	s needed					
		4. Clos	e cabine	t door								
POWER AND CONTROL:	120	Inspect two (3).	and clea	In UDCC	enclos	ures c	on side	10	09	1800		
		1. Oper	n cabinet	t door								
CONTROL CABINET (UDCC)		2. Cheo dam	ck inside aged cor	cabinet	for indic 3.	ations	of worn or					
SIDE 2		3. Clea	n cabine	t exterio	and int	erior a	s needed					
		4. Clos	e cabine	t door								
POWER AND CONTROL: FEED	121	Inspect one.	and clea	n FSD-N	ICC en	closur	e on side	5	09	1800		
SINGULATION DISTRIBUTION		1. Oper	n cabinet	t door								
MAIN CONTROL CABINET (FSD-		2. Cheo dama	ck inside aged cor	cabinet nponents	for indic S.	ations	of worn or					
		3. Clea	n cabine	t exterio	and int	erior a	s needed					
		4. Clos	e cabine	t door								
POWER AND	122	Inspect	and clea	n FSD-N	ICC en	closur	e on side	5	09	1800		
SINGULATION			n cahinel	t door								
DISTRIBUTION		2 Char	n cabinel	cahinat	for india	ations	of worn or					
CABINET (FSD- MCC) SIDE 2		dam	aged cor	nponents	3.							
		3. Clea	n cabine	t exterio	and int	erior a	s needed.					
		4. Clos	e cabine	t door								
POWER AND CONTROL: FEED SINGULATION	123	Inspect side one	and clea e (8).	n FSD-E	OCC end	losur	es on	40	09	1800		

U.S. Postal	al Service IDENTIFICATION													
Maintenance	Check	list	WORK CODE		I	EQUIF ACRC	MENT DNYM			CL CC	ASS ODE	NU	MBER	TYPE
			0 3	A F	P	S				Α	Α	0	0 1	М
Equipment Nomenclature)		Equipme	nt Model				Bulleti	in File	name		Occurre	nce	
Automated Packag	ge Proc m	essing						I	mm1	5109			eCBN	Л
		T							1					
Part or	Item No		Task	Stateme	nt and	Instruc	tion			Est.	Min.		Thresho	lds
Component		(Comply wi	th all curr	ent sa	fety pr	ecautio	ns)		Req	Joy	Run Hours	Pieces Fed	Freq.
										(min)	Lev		(000)	
	[4 0		4							1	[[
CONTROL		1. Oper	n cabine	taoor										
CABINET (FSD-		2. Cheo	ck inside	cabine	t for i	ndica	tions	of wor	n or					
DCC) SIDE 1						ما : مه								
		3. Ciea (8 pe	n cabine er side).	et extern	oran	a inte	enor as	s need	lea					
		4. Clos	e cabine	et door										
POWER AND	124	Inspect	and clea	an FSD	-DCC	enc	losur	es on		40	09	1800		
SINGULATION			9 (8). n cabine	t door										
		D Char			• f = = :	n di n n	tione	-f						
CABINET (FSD-		z. Cheo dama	aged cor	mponer	t for i nts.	naice	uons	or wor	n or					
DCC) SIDE 2		3. Clea (8 pe	n cabine er side).	et exteri	or an	d inte	rior a	s need	ded					
		4. Clos	e cabine	et door										
POWER AND CONTROL:	125	Inspect one.	and clea	an DDS	S en	closı	ire on	ı side		5	09	1800		
DISCRETE		1. Oper	n cabine	t door										
SOURCE OF		2. Cheo	ck inside	cabine	t for i	ndica	tions	of wor	n or					
SUPPLY SIDE I		aama 2 Cloo	aged cor	mponer st ovtori	ns. or on	d into	rior o		lad					
		5. Clea						Sileeu	ieu.					
		4. Clos	e cabine	et door		_								
POWER AND CONTROL:	126	Inspect two.	and clea	an DDS	S en	closı	ire on	ı side		5	09	1800		
		1. Oper	n cabine	t door										
SOURCE OF		2. Cheo dam	ck inside	cabine	t for i	ndica	tions	of wor	n or					
		3. Clea	n cabine	et exteri	or an	d inte	rior a	s need	led.					
		4. Clos	e cabine	et door				_						
POWER AND	127	Inspect	and clea	an IMC	C enc	losu	re on	side		5	09	1800		
INDUCTION MAIN		one.												
CONTROL		1. Oper	n cabine	t door										
CABINET (IMCC) SIDE 1		2. Cheo dama	ck inside aged cor	cabine cabine	t for i nts.	ndica	tions	of wor	n or					

U.S. Postal S	Service						II	DENTIFICAT	ION					
Maintenance	Check	list	WORK CODE		EQI AC	JIPME RONY	NT M		CL C(ASS ODE	NU	MBEI	२	TYPE
			0 3	A P	P \$	6			Α	Α	0	0	1	М
Equipment Nomenclature)		Equipmer	nt Model	I			Bulletin File	name		Occurre	nce		
Automated Packag	ge Proc	essing						mm′	5109			еC	BM	
Syster	m													
Part or	Item		Task	Statement	and Inst	ructior	I		Est.	Min.		Thres	hold	S
Component	NO	(Comply wit	th all currer	nt safety	preca	utior	ns)	Time	Skill	Run	Piec	es	Freq.
									Req (min)	Lev	Hours	Fe	d a)	
												(00	0)	
		3. Clea	n cabine	t exterior	and ir	nterio	r as	needed.						
		4. Clos	e cabine	t door										
POWER AND	128	Inspect	and clea	IN IMCC	enclo	sure	on	side two.	5	09	1800			
CONTROL: INDUCTION MAIN		1. Oper	n cabinet	t door										
CONTROL CABINET (IMCC)		2. Cheo dama	ck inside aged cor	cabinet f	for indi 8.	catio	ns d	of worn or						
SIDE 2		3. Clea	n cabine	t exterior	and ir	nterio	r as	needed.						
		4. Clos	e cabine	t door										
POWER AND CONTROL:	129	Inspect a	and clea	nn side A	DCC	Enclo	osu	res on	15	09	1800			
AUTOMATIC DISTRIBUTED		1. Oper	n cabinet	t door	DCC Enclosures on 15 09 180 or indications of worn or									
CONTROL CABINET (ADCC)		2. Cheo	ck inside	cabinet f	or indi	catio	ns c	of worn or						
SIDE 1		3. Clea	n cabine	t exterior	and ir	nterio	r as	s needed.						
		4. Clos	e cabine	t door										
POWER AND	130	Inspect	and clea	n side A	DCC	Enclo	osu	res on	15	09	1800			
		1. Oper	n cabinet	t door										
CONTROL CABINET (ADCC)		2. Cheo dama	ck inside	cabinet f	for indi	catio	ns o	of worn or						
SIDE 2		3. Clea	n cabine	t exterior	and ir	nterio	r as	needed.						
		4. Clos	e cabine	t door										
	131	Inspect	and clea	nn side S	ADCO	; Enc	los	ure on	5	09	1800			
AUTOMATIC). n cahinet	t door										
CONTROL		2. Chec	ck inside	cabinet f	or indi	catio	ns o	of worn or						
CABINET (SADCC) SIDE 1		dama	aged cor	nponents	3.									
		3. Clea	n cabine	t exterior	and ir	nterio	r as	s needed.						
		4. Clos	e cabine	t door										
POWER AND CONTROL: SEMI- AUTOMATIC	132	Inspect side two	and clea	n side S		Enc	los	ure on	5	09	1800			

U.S. Postal S					IDENTIFICA	ΓΙΟΝ						
Maintenance	Check	list	WORK CODE		EQU ACF	PMENT ONYM		CL CC	ASS ODE	NU	MBER	TYPE
			0 3	A P	P S			Α	Α	0	0 1	М
Equipment Nomenclature Automated Packag	e De Proc	essina	Equipmer	nt Model			Bulletin File	ename		Occurre		
Syster	m	J					11111	12109			ecom	
Part or	Item		Task	Statement	and Instr	uction		Est.	Min.		Threshold	ls
Component	No	(0	Comply wit	h all currer	it safety p	recautio	ns)	Time Rea	Skill	Run	Pieces	Freq.
								(min)	Lev	Hours	rea (000)	
		1 Oner	n cabinet	door						<u> </u>		
CONTROL		2 Chec	ck inside	cabinet f	or indic	ations	of worn or					
CABINET (SADCC) SIDE 2		dama	aged con	nponents	6. 6.	atterie						
		3. Clea	n cabine	t exterior	and in	erior a	s needed.					
		4. Clos	e cabinet	t door								
	133	Inspect	and clea	n all OC	C Encl	osures	3 .	5*	09	1800		
OPERATOR		1. Oper	n cabinet	door								
CONTROL CABINET (OCC)		2. Cheo dama	ck inside aged con	cabinet f	for indic 8.	ations	of worn or					
		3. Clea	n cabine	t exterior	and in	erior a	s needed.					
		4. Clos	e cabinet	t door								
		*Multipli	ed By: C	000								
POWER AND CONTROL: 70 VDC	134	Inspect a Enclosu	and clea res.	n all 70	VDC P	ower S	upply	8*	09	1800		
POWER SUPPLY		(Up to 4	on a syst	tem)								
		1. Oper	n cabinet	door								
		2. Cheo dama	ck inside aged con	cabinet f	for indic 3.	ations	of worn or					
		3. Clea interi	n cooling ior as ne	g fan and eded.	cabine	t exteri	or and					
		4. Clos	e cabinet	t door								
		5. Loos filter	en thuml screens	bscrews, (2 per su	remov ipply).	e, and	vacuum					
		6. Re-ir	nstall filte	er screen	S.							
		*Multipli	ed By: 7	0 VDC F	ower S	upply						
POWER AND	135	Inspect	and clea	n all GC	PU En	closure	es.	5*	09	1800		
CONTROL: GROUND		(Up to 8	on a syst	tem)								
		1. Oper	n cabinet	door								
UNIT (GCPU)		2. Cheo dama	ck inside aged con	cabinet f	for indic 3.	ations	of worn or					
		3. Clea	n cabine	t exterior	and in	erior a	s needed.					

U.S. Postal	Service						I	DENTIFICA	ΓΙΟΝ					
Maintenance	Check	Invice IDENTIFICATION Hecklist WORK CODE EQUIPMENT ACRONYM CLASS CODE NUMBER 0 3 A P P S A A 0 0 1 e Equipment Model Bulletin Filename mm15109 A A 0 0 1 1tem No Task Statement and Instruction (Comply with all current safety precautions) Est. (min) Min. Lev Threshold 4. Close cabinet door Kill wring at the SMCC and Supervisor Platform. 5 09 7200 136 Check all externally accessible cables and wring at the SMCC and Supervisor Platform. 5 09 7200 1 Check the physical integrity of all externally accessible cables, wring, and connectors, to the supervisor platform and surrounding power and control cabinets. 40 09 1440 2. Remove any items placed on top of the SMCC enclosure. 37** Sorter train length evaluation and adjustment. 40 09 1440 NOTE: Slip-joints are installed approximately every eight trains (56 cells). When centered, the slip joint will have 1 mm of flat exposed on the plunger shaft. Having the train length adjusted with all slip-joints at 1 mm extension or a mix of extended will extend staybolt life and reduce driv				२	TYPE							
			0 3	A P	PS	3			Α	Α	0	0	1	М
Equipment Nomenclature	9		Equipme	nt Model			I	Bulletin File	ename		Occurre	nce		
Automated Packag	ge Proc	essing						mm	15109			eC	BM	
Syste	m													
Part or	Item		Task	Statement	and Inst	ructior	า		Est.	Min.		Thres	hold	S
Component	NO	(Comply wi	th all currer	nt safety	preca	utior	ıs)	Time	Skill	Run	Piec	es	Freq.
									Req (min)	Lev	Hours	Fe	d	
									. ,			(00	0)	
		4. Clos	e cabine	et door										
		*Multipli	ed By: (GCPU										
POWER AND	136	Check a	ll exterr	ally acc	essibl	e cab	oles	and	5	09	7200			
CONTROL:		wiring a	t the SN	ICC and	Super	viso	r Pl	atform.	•					
SORTER MAIN		1. Cheo	ck the ph	nysical int	egrity	of all	ext	ernally						
CONTROL CABINET (SMCC)		acce	ssible ca	ables, wir	ing, ar	nd co	nne	ctors, to						
		the s	superviso	or platforr	n and	surro	unc	ling						
								I						
		Z. Rem SMC	ove any C enclo	sure.	aced o	n top	OT	ne						
SORTER	137**	Sorter tr	ain leng	gth evalu	ation	and a	adju	ustment.	40	09	1440			
SUBSYSTEM:		NOTE: S	Slip-joints	s are inst	alled a	pprox	kima	ately						
ASSEMBLY		every eig	ht trains	s (56 cells	s). Wh	en ce	ente	ered, the						
		slip joint	will have shaft H	e 1 mm o aving the	train l	xpose enath	ed c n ad	iusted						
		with all s	lip-joints	at 1 mm	exten	sion o	or a	mix of						
		extended	and co	mpresse	d avera	aging	to	1 mm						
		extended wheel we	a will ext ear	end stay	Doit lite	and	rea	uce drive						
		Train len	ath eval	uation m	ist ha	norfo	rme	ad while						
		the sorte	r is stop	ped. All	slip-joi	nts m	ust	be						
		inspecte	d withou	t moving	the tra	in be	twe	en						
		observat	ions of a	all slip-joir	nts as i	the di	ista orte	nces will r						
							-f -	1. Il alia						
		ioints	ite and d s. Use t	he local s	pread	sheet	ora tof	ii siip recorded						
		stayl	polt leng	ths create	ed duri	ing ce	ell ir	spection						
		to de	etermine	which ce	lls hav	ve slip	o-joi	nts.						
		2. Dete	rmine w	hether al	l slip jo	ints a	are							
		com 1 mn	pressed n.	or if they	are ex	tend	ed p	oast						
		a. I	f all stay	bolts are	comp	resse	ed th	ne overall						
		t t	rain leng	gth is too	long. r slip i	Short	ten	the						
		r r	nachine	to bring i	t close	er to t	he a	average						
		r	machine	staybolt	distan	ce.		0						
		b. I	f all stay	bolts are	exten	ded p	bast	1 mm of						
		e	exposed	flat, the o	overall	train	len	gth is too						

MMO-1	31-16
-------	-------

U.S. Postal S	Service		IDENTIFICATION										
Maintenance	Check	list	WORK CODE		EC A	QUIP CRO	MENT NYM		CL CC	ASS DDE	NU	MBER	TYPE
			0 3	A P	Р	S			Α	Α	0	0 1	I M
Equipment Nomenclature)		Equipmer	nt Model				Bulletin File	ename		Occurre	ence	
Automated Packag	ge Proc	essing						mm	15109			eCB	М
Syster	m												
Part or	Item		Task	Statement	and In	struc	tion		Est.	Min.		Thresh	olds
Component	No	(Comply wit	h all currer	nt safet	tv pre	ecaution	ns)	Time	Skill	Run	Piece	s Frea
Component		``				., p		,	Req	Lev	Hours	Fed	o 110q.
									(11111)			(000))
APPS SYSTEM:	138**	c. I required extended out of tol staybolts	short. Le slip-joint of to the ave Use the lo staybolt lo inspection adjust. Record n spreadsh created d adjusting to achiev d would r lerance, s s.	engthen t on the m erage ma ocal spre engths ci n when c ew cell d eet of re luring cel staybolts ve an ove equire a spread th	he sh achina achina eadsh reate corde ll insp s, the erall a stayb ne cha	inorte ne to e sta neet d d du ing ces ed st pecti cha aver polt t ange	est sta bring aybolt of rec iring c staybol on the caybol on. inge in age o co be a e over	ybolt or distance. corded cell olt(s) to e local t lengths n distance f 1 mm adjusted several	13	10			D
POWER UP		mode. WARNIN on equip Some of machine prevent equipme 1. Rest pres proc 2. Verif Take rema 3. Once boot Subs Sorte the S not r mair 4. Syst and 5. Rese	NG: Be c pment w f the folk be runn hair, clo ent from tore the s cribed by edures b fy that all e correctination of system in er from d Sorter in the equire to the nance em-wide, stackligh et the E-s	areful w hen pow owing ta ning. Ta thing, to being c system to the curr y an APF systems ve action sconnect t Control n 2 minu Mainter ropping f the Offlin be left ir tasks. , verify th ts are op	hen ver ha ske pi ools, augh ools, augh ools, augh ools, ent lo PS tra ed. ler re tes pi ance to Dis ie sta n Mai nat all peratir uit.	worl as b requ reca and t in ratio ocal aine ort O any s con te if nter scon	king a een a ire th test movi nal m locko d emp nline subsys soffli the S preven necte Sorte ance	around or applied. hat the is to ng parts. ode as ut/restore oloyee. or Offline. stems ine after Sorter nt the d. Place r does mode for dicators ly.					

U.S. Postal	IDENTIFICATION												
Maintenance	Check	list	WORK CODE			EQUIP ACRC	MENT NYM		CI C	_ASS ODE	NU	IMBER	TYPE
			0 3	AF	P	S			Α	Α	0	0 1	М
Equipment Nomenclature	Э		Equipme	ent Model			ı	Bulletin Fil	ename		Occurre	ence	
Automated Packa	ge Proc	essing						mm	15109			eCBN	/
Syste	ท												
Part or	Item		Task	Stateme	nt and	Instruc	tion		Est.	Min.		Thresho	lds
Component	No	(Comply wi	th all cur	rent sa	fety pr	ecautio	ns)	Time	Skill	Run	Pieces	Freq.
									Req (min)	Lev	Hours	Fed	
												(000)	
		6. Inve	stigate a	ny failu	ires o	r abn	ormali	ties and					
		initia	te correc	ctive ac	tion a	is nee I notif	eded. v.Sun	Generate					
		nece	essary.			noui	, oup	01 11001 00					
APPS SYSTEM	139**	Review	APPS In	og boo	k. Pas	st Fai	ults. a	ind	10	10	1	0.001	
LOGS		reports.		3	.,								
		WARNIN	IG: Be c	autiou	s wh	en w	orking						
		or on eq	luipmen	t when	pow	er ha	s bee	n					
		applied.											
		1. Revi inves	ew pape stigation	er log be or corr	ook fo ective	or issu e actio	ies re on.	quiring					
		2. Revi or pr	ew SMS oblems.	status	scree	en for	existi	ng faults					
		3. Revi	ew SMS lems	log bo	ok an	d pas	t RTF	faults for					
			ow foodl	hack fr	om Er	nd of		Penort					
		Inter oper	pretation ational to	n tasks ours.	perfo	rmed	durin	g					
		5. Inve	stigate p	roblem	s and	initia	te cor	rective					
		actio	n as neo	cessary	. Ge	nerat	e corr	ective					
		nece	ssarv.	na noti	y Sup	Jervis	oras						
APPS SYSTEM F-	140**	Check a		ord an	d Mu	shro	om H	ead F-	0.2*	na			4
STOPS	140	Stops (2	people	recom	imen	ded).			0.2	03			-
		WARNIN or on eq applied. that the precauti and test moving	IG: Be c juipmen Some machin ons to p equipm parts.	orking s bee asks ke hing, augh	g around n require tools, t in								
		1. Start runn	t machin ing).	e (all c	onvey	ors a	nd ca	rrier cells					
		2. Activ	vate an E	E-Stop	Switcl	h or F	ullcor	d.					
		3. Verif activ diffe	y the E- ated pos rent E-S	Stop sv sition. I	vitch I NOTE	atche : Sta e this	s in th rt with task i	ne a s issued					

U.S. Postal	Service		IDENTIFICATION											
Maintenance	Check	list	WORK CODE		E	EQUIP ACRC	MENT NYM		CL	ASS ODE	NL	IMBEF	2	TYPE
			0 3	A P	Р	S			Α	Α	0	0	1	М
Equipment Nomenclature	Э		Equipmer	nt Model	1	1 1		Bulletin Fil	ename		Occurre	ence		
Automated Packag	ge Proc	cessing						mm	15109			eCE	ЗM	
Syste	m													
Part or	Item		Task \$	Statemen	t and I	Instruc	tion		Est.	Min.		Thres	hold	S
Component	NO	((Comply wit	h all curre	ent saf	ety pre	ecautio	ns)	Time	Skill	Run	Piec	es	Freq.
									(min)	Lev	Hours	Fee	ל ער	
												(00))	
		and	performe	d.										
		4. Verif	y machin	ne stops										
		5. Verif	v E-Stop	Switch	inter	nal L	ED illı	uminates.						
		6 Verif	v red lam	n on st	ack li	iaht il	lumin	ates						
		7 Vorif	y horno c					noo.						
		7. veni	y norns s		vo se	equer		nes.						
		NOTE: P when the	ullcord E green b	and is a	ensic at the	edge	et pro	e switch.						
		8. Rese verify corre nece	et emerge y the cab ect positions ssary.	ency sto le tensi on. Adj	op sw on in ust ca	/itch. dicate able 1	If a p or is ir ensio	ullcord, n the n as						
		9. At SI illum	MCC, vei inates.	rify the	Clear	⁻ Fau	t butte	on						
		10. At SI Fault push	MCC, res t pushbut button lig	set fault tton, wh ght to tu	by p lich w Irn of	ressi vill ca f.	ng the use th	e Clear ne						
		11. With E-Sta sequ ever indic push	out resta ops by re lence for y switch s ators and button at	rting ma epeating each E sounds d illumir t the SN	achin J the -Stop the a ates ICC.	e, ch activa swit audibl the (eck re ate an ch. V e and Clear I	emaining d reset /erify visible Fault						
		12. Revi all E	ew syste -Stops w	m log o /ere rep	n SN orteo	IS an I.	d ens	ure that						
		13. Initia impro corre nece	te correc operly fui ective wo essary.	tive act nctionin rk orde	ion fo g sw ⁻ and	or any itch. notif	/ dam Gene y Sup	aged or rate ervisor as						
		*Multipli	ed By: E	STOP										
		lt is reco task.	ommend	ed that	2 pe	erson	s per	form the						
APPS SYSTEM: UNLOADER	141**	Check U (3 unloa	nloader ders per	safety ˈside).	phot	toeye	s on	side one	3	07				1
SAFETY PHOTOTEYES SIDE 1		WARNIN or on eq applied.	IG: Be ca uipment	autious t when	s whe powe	en wo er ha	orking s bee	g around n						

U.S. Postal Service			IDENTIFICATION													
Maintenance Checklist			WORK CODE	WORK EQUIPMENT CLASS CODE ACRONYM CODE							NU	JMBE	ĒR	TYPE		
			0 3	A	P	Ρ	S				Α	Α	0	0	1	М
Equipment Nomenclature	Equipme	nt M	lodel				Вι	ulletin File	ename		Occurre	ence	1 1			
Automated Packag								mm′	15109		eCBM					
System																
Part or	Task Statement and Instruction							Est.	Min.	Thresholds						
Component	Comply with all current safety precautions)							Time	Skill	Run	Pie	eces	Freq.			
									Req (min)	Lev	Hours	F	ed			
											. ,			(0	00)	
APPS SYSTEM: UNLOADER SAFETY PHOTOEYES SIDE 2	142**	There an Unloader heights. 1. Blocl phote 2. Verif 3. Verif 4. Verif 5. Clea 6. Repe ankle 7. Note supe Check U (3 unloa WARNIN or on eq applied. There an	e three safety photoeyes on each r located at ankle, waist, and chest k and unblock chest-height safety oeye. fy unloader will not operate. fy blue stack light illuminates. fy fault light illuminates on Unloader ator interface panel. fr fault. eat steps 2 through 5 for waist-height and e-height safety photoeyes. any deficiencies and report them to ervisor. JINoader safety photoeyes on side two iders per side). NG: Be cautious when working around guipment when power has been							r ght and to de two round	3	07				1
		Unloadei heights. 1. Blocl phote	r located k and un oeye.	l at i	ankle, ck che	wai est-h	st, a eigh	nd ch t safe	iest ety	:						
	2. Verif	ify unloader will not operate.														
		3. Verif	. Verify blue stack light illuminates.													
		4. Verif oper	iy fault light illuminates on Unloader ator interface panel.							r						
		5. Clea	r fault.													
		6. Repe ankle	eat steps e-height	s 2 t saf	throug ety ph	h 5 f otoe	for w yes.	vaist-h	neig	ght and						
		7. Note supe	Note any deficiencies and report them to supervisor.													
APPS SYSTEM: SAFETY	143**	Check A	All Unloader gates (side one and side								1*	07				1

U.S. Postal Service		IDENTIFICATION												
Maintenance Checklist			WORK EQUIPMENT CODE ACRONYM							LASS ODE	NUMBER		ł	TYPE
			0 3	AP	Ρ	S			A	A	0	0	1	М
Equipment Nomenclature			Equipme	nt Model			I	Bulletin I	Filename		Occurre	ence		
Automated Package Processing System								m	m15109)	eCBM			
Part or	Part or Item					Task Statement and Instruction						Thresholds		
Component	110	((Comply with all current safety precautions)								Run	Pieces		Freq.
									(min)	Lev	Tiours	(000)	
	0									1				
BARRIERS		two, if p	resent).											
		(Only pre	resent when APCU is at end of load belt.)											
WARNING: Be cautious when work								g aroun	d					
	Some of the following tasks require													
	machine be running. Take													
	ons to prevent hair, clothing, tools,													
		moving	parts.											
		1. Cheo woul	Check for mis-alignment or damage which would prevent gate from being opened or											
		ed. n gate												
		2. Verify that APCI will not anarata												
	e gate													
		At APCI I operator control panel (UNIL DCC												
		for th	that unloader), clear the interlock.											
		6. Repe	eat steps											
		7. Note supe	e any def ervisor.	iciencies	s and	l repo	ort the	m to						
		*Multipli	Iltiplied By: APCU w/Gate											
FEED SUBSYSTEM:	144	Check U side one	Inloader e (3 Unic	hydrau baders)	ılic u (2 p€	init o eople	perat	ion on	6	07	140	60	0	
OPERATIONAL SIDE 1		WARNIN	IG: Be (cautious	s wh	en w	orkin	g aroui	nd					
		applied.	Some	of the	follo	wing	i task	s requi	re					
		that tr precauti	ie mad ions to st equir	preven	be It ha from	run air, c bei	ning. Iothir	ig, tool aught	ke Is, in					
		moving parts.												
		WARNING: If the APCU pressure levels are												
		be rem repaired	removed from service immediately and repaired.											
		WARNIN or in ex removed	NING: If the PUN pressure levels are nea excess of 1400 PSI, the PUN must be ved from service immediately and											
U.S. Postal	Service						IDENTIFICA ⁻	TION						
------------------------	---------	-----------------------------------	--	--	---	---------------------------------	--------------------------------	--------------	------------	---------	----------	-------		
Maintenance	Check	list	WORK CODE		EQUIF ACR	PMENT ONYM		CL	ASS ODE	NU	MBER	TYPE		
			0 3	A P	P S			Α	Α	0	0 1	М		
Equipment Nomenclature	Э		Equipme	ent Model	1	1 1	Bulletin File	ename	1	Occurre	nce			
Automated Packag	ge Proc	essing					mm	15109			eCBM			
Syster	m													
Part or	Item		Task	Statement	and Instru	ction		Est.	Min.		Threshol	ds		
Component	No		(Comply wi	ith all currer	nt safety pi	ecautio	ns)	Time	Skill	Run	Pieces	Freq.		
								Req (min)	Lev	Hours	Fed			
								· · /			(000)			
		repair	ed.											
		1. C	neck pump	, reservo for leakin	ir, filter, a	and all								
					onorata	Liniaa	dorond							
		z. vv ok	serve for t	the follow	ing:	Unioa	ider and							
		a.	Verify sn operatio	nooth lift n.	performa	ance d	uring							
		b.	Observe observin If any no observeo replacen	e motion c ng for sign on-rotatior d, schedu nent.	of each p ns of pin nal motic ile the cl									
		c.	Observe floor mo	floor mo unting bo	unting po Its are se	oints a ecure.	nd verify							
		d.	Check g	auges for	damage	Э.								
		e.	Observe in exces filter. Ini	filter pres s of 20 Ps itiate actio	ssure ga SI indica on to rep	uge. I tes clo lace.	Pressure ogged							
		f.	Observe pressure ranges b	e the hydra e indicate pelow, init	aulic pre d does n iate corr	ssure ot fall ective	gauge. If within action.							
		3. N si	ote any del Ipervisor.	ficiencies	and rep	ort the	m to							
		NOTE range	: The typic s are as be	al empty low:	APCU p	ressur	e reading							
		*5	stage one T	Filt Up: 50	0 PSI to	750 F	PSI							
		*0	- stage two Г	Dump Un [.]	700 PS	l to 85	0 PSI							
		*0	tage three		0WD: 050		0 1350							
		P	SI	Dump	5 WH. 300		0 1000							
		*5	tage four ⊺	Tilt Down	: 1100 P	SI to 1	450 PSI							
		NOTE rated syster the ma	: The max capacity sh n release p anufacture	imum ope nould be l pressure i r.	erating p ess than s pre-se	e with PSI. The 50 PSI by								
		NOTE	: The typic	al empty	PUN pre	essure	reading							

U.S. Postal S	Service						DENTIFICAT	ICATION					
Maintenance	Check	list	WORK CODE		E	QUIP	MENT NYM		CL	ASS DDE	NU	IMBER	TYPE
			0 3	A P	Ρ	S			Α	Α	0	0 1	М
Equipment Nomenclature	,		Equipmer	nt Model			1	Bulletin File	name	<u>'</u>	Occurre	ence	
Automated Packa	ge Proc m	essing						mm1	15109			eCBN	
Oysie	111												
Part or	Item		Task \$	Statement	and li	nstruc	ion		Est.	Min.		Threshol	ds
Component	NU	((Comply wit	h all currer	nt safe	ety pre	cautior	ns)	Time Rea	Skill	Run	Pieces	Freq.
									(min)	Lev	Hours	(000)	
												()	
		ranges a	re as bel	ow:									
		*Sta	ge one T	ilt Up: 45	50 PS	SI to	625 P	SI					
		*Stag	ge two Li	ft Up: 40	0 PS	SI to	575 P	SI					
		*Stad	ae three	Return F	lome	e & T	lt Dov	wn: 600					
		PSI t	o 825 PS	SI									
		NOTE: T	he maxir	mum ope	eratir	ng pr	essur	e with					
		rated cap	pacity sho	ould be l	ess t	than	1400	PSI. The					
		system rethe manu	elease pi ufacturer.	ressure i	s pre	e-set	at 140	00 PSI by					
		It is reco	ommend	ed that a	2 pe	rson	s per	form the					
		task.			-		-						
FEED SUBSYSTEM: APCU & PUN	145	Check U side two recomm	nloader (3 Unlo ended).	hydrau aders) (lic u 2 pe	nit o ople	oerati	ion on	6	07	140	600	
OPERATIONAL SIDE 2		WARNIN or on eq applied. that the precauti and test moving	IG: Be ca uipment Some c machine ons to p equipm parts.	autious t when p of the fo e be run revent h ent fron	whe bowe llowi ning nair, n bei	n wo er ha ing t . Ta clotl ng c	orking s bee asks ke ning, augh	g around n require tools, t in					
		WARNIN near or i be remo repaired	IG: If the n exces ved fron	e APCU s of 175 n servic	pres 0 PS e im	sure I, the med	level e APC ately	ls are CU must and					
		WARNIN or in exc removed repaired	IG: If the cess of 1 I from se	e PUN pi 400 PSI ervice in	ressi , the nme	ure le PUI diate	evels I mus Iy an	are near st be d					
		1. Cheo conn	ck pump, ections f	reservo or leakin	ir, filt Ig flu	er, a id.	nd all						
		2. With obse	Unloade rve for th	er empty, ne follow	ope ing:	rate	Jnloa	der and					
		a. \	/erify sm operation	ooth lift	perfc	ormai	nce di	uring					
		b. (Observe observing f any nor	motion c g for sign n-rotatior	of ead is of nal m	ch piv pin c notior	vot pir r clev 1 of th	n & clevis, is wear. e pin is					

U.S. Postal	Service				CATION							
Maintenance	Check	list	WORK CODE		EQU ACF	PMENT ONYM		CL	LASS ODE	NU	IMBER	TYPE
			0 3	A P	P S			Α	Α	0	0 1	М
Equipment Nomenclature	e		Equipme	nt Model		1 1	Bulletin File	ename	1	Occurre	ence	
Automated Packag	ge Proc	essing					mm	15109			eCBM	
Syste	m											
Part or	Item		Task	Statement	and Instr	uction		Est.	Min.		Threshold	ls
Component	No	(Comply wit	th all currer	nt safety p	recautio	ns)	Time	Skill	Run	Pieces	Freq.
								Req (min)	Lev	Hours	Fed	
								()			(000)	
			observed replacem	l, schedu nent.	le the c	levis bı	ushing for					
		С.	Observe	floor mo	unting p	oints a	nd verify					
		d	Chook as	anting bo		oouro.						
		u.	Oheok ga		uamag	e.	Duese					
		e.	Observe in excess filter. Init	tilter pres s of 20 Ps tiate actio	ssure g SI indica on to rej	auge. I ates clo place.	pressure					
		f.	Observe pressure ranges b	the hydra indicated	aulic pro d does i iate cor	essure not fall rective	gauge. If within action.					
		3. Gen	erate cor	rrective w	ork ord	er and	notify					
		Sup	ervisor as	s necess	ary.							
		NOTE: 1 ranges a	The typic are as be	al empty low:	APCU	oressur	re reading					
		*Sta	ge one T	filt Up: 50	0 PSI t	o 750 F	PSI					
		*Sta	ge two D	ump Up:	700 PS	il to 85	0 PSI					
		*Sta PSI	ge three	Dump D	own: 95	0 PSI t	o 1350					
		*Sta	ge four T	ilt Down	: 1100 F	SI to 1	450 PSI					
		NOTE: 7 rated cap system r the man	The maxi pacity sh release p ufacturer	mum ope ould be l ressure i	erating p ess that s pre-se	oressur n 1750 et at 17	e with PSI. The 50 PSI by					
		NOTE: T ranges a	The typica are as be	al empty low:	PUN pr	essure	reading					
		*Sta	ge one T	Tilt Up: 45	50 PSI t	o 625 F	PSI					
		*Sta	ge two Li	ift Up: 40	0 PSI to	575 F	PSI					
		*Sta PSI	ge three to 825 P	Return H SI	lome &	Tilt Do	wn: 600					
		NOTE: T rated cap system r the man	E: The maximum operating pressure with d capacity should be less than 1400 PSI. The em release pressure is pre-set at 1400 PSI by manufacturer.									
		It is reco	ommend	led that a	2 perso	ns per	form the					

U.S. Postal S	Service					I	DENTIFICAT	ICATION					
Maintenance	Checkl	ist	WORK CODE		EQUIP ACRC	MENT NYM		CL	ASS ODE	NU	MBER	TYPE	
			0 3	A P	P S			Α	Α	0	0 1	М	
Equipment Nomenclature	e Proc	essina	Equipmen	nt Model			Bulletin File	ename		Occurre	nce		
Syste	m	cooling					mm	15109			ecbini		
Part or	Item		Task S	Statement a	nd Instruc	tion		Est.	Min.		Threshold	ls	
Component	No	(Comply witl	h all current	safety pre	ecautio	ns)	Time	Skill	Run	Pieces	Freq.	
								(min)	Lev	Hours	Fed (000)		
		task.											
	146**	Check F	SD acce	ss door i	nterloc	ks on	side one	12	09			1	
INTERLOCKS SIDE		(2 peopi	e recom	menaea).									
1		warnin or on eq	IG: Be ca Iuipment	autious w when po	/hen wo wer ha	s bee	around						
		applied.	Some o	of the foll	owing t	asks	require						
		that the precauti	machine	e be runni revent ha	ing. Ta air clot	ke hina	tools						
		and test	equipm	ent from	being c	augh	t in						
		moving	parts.										
		1. Start runn	t machine ing).	e (All conv	eyors a	nd ca	rrier cells						
		2. Opei	n the Sho	be Sorter o	debris b	in acc	ess door.						
		3. Obse flash	erve the S les and a	Shoe Sort udible wa	er red s rning be	tack li eps.	ight						
		4. Obse back Powe appr	erve all F to Load ered rolle oximately	SD modul Module st ers and Ind / 15 secor	les from top imm duction nds.	Shoe ediate Statio	e Sorter ely. ns will run						
		5. At FS	SD MCC,	, verify tha	at fault li	ght ill	uminates.						
		6. Cheo	ck door fo	or damage	e and m	isaligr	nment.						
		7. Clos	e debris l	bin acces	s door.	-							
		8. At F	SD MCC,	, clear fau	lt.								
		9. Oper door audil FSD door	n each ur , verifying ble beep MCC cle	nstacker s g the red s sounds fo ear fault bi	ide and stackligh or each o utton aff	lower ht flas door. er tes	r access hes and Press the ting each						
		10. Oper door audil FSD door	n each Sl , verifying ble beep MCC cle	hoe Sorte g the red s sounds fo ear fault bi	r Plexig stackligh or each o utton aff	las ac nt flas door. er tes	ccess hes and Press the ting each						
		11. At FS push	SD MCC, 1-button.	, start FSI	D by pre	ssing	start						
		12. Verif	y all FSD) conveyo	rs start.								

U.S. Postal	Service		IDENTIF							ENTIFICAT	ION					
Maintenance	Check	list	WORK CODE			E A	QUIP ACRC	MENT NYM			CL CC	ASS ODE	NU	JMBE	ER	TYPE
			0 3	Α	Р	Ρ	S				Α	Α	0	0	1	М
Equipment Nomenclature Automated Packa Syste	∍ ge Proo m	cessing	Equipme	nt Mc	odel				E	Bulletin File mm1	name I5109		Occurre	ence e(СВМ	
Part or	Item		Task	State	mont	and Ir	netruc	tion			Fet	Min		Thre	sehold	e
Component	No	(Comply wi	th all	curren	t safe	etv nr	ecaution	ns')	Time	Skill	Run	Die		5 Ered
Component				ar an	ourron	courc	y pr	Joaano	,110,	,	Req	Lev	Hours	F	ed	Ticq.
											(11111)			(0	00)	
		13. Stop	machin	e.												
		14. Revi door	ew syste interlocl	em lo k wa	og at is rep	SMS orte	6 to e d.	ensure	e a	access						
		15. Gen Supe	erate col ervisor a	rrect s ne	ive w	ork o	orde	r and	nc	otify						
		It is reco	mmenc	h hal	that 2	2 noi	reon	s nor	fo	rm the						
		task.			that 1	- pei	501	o per								
DISTRIBUTION SUBSYSTEM: FSD	147**	Check F (2 peopl	SD acce e recom	ess (Imei	door nded	inte).	rloc	ks on	۱S	ide two	12	09				1
INTERLOCKS SIDE 2		WARNIN or on eq applied. that the precauti and test moving	ARNING: Be cautious when working around on equipment when power has been plied. Some of the following tasks require at the machine be running. Take ecautions to prevent hair, clothing, tools, d test equipment from being caught in oving parts.													
		1. Start runn	: machin ing).	e (A	ll con	veyo	ors a	nd ca	arri	er cells						
		2. Oper	n the Sh	oe S	Sorter	deb	ris b	in acc	ces	ss door.						
		3. Obse flash	erve the les and a	Sho audil	e Sor ble wa	ter r arnir	ed s ng be	tack li eps.	igł	ht						
		4. Obse back Powe appr	erve all F to Load ered roll oximatel	SD Moe ers a	modu dule s and Ir 5 secc	ules stop nduc onds	from imm tion	Shoe ediate Statio	e S ely ons	Sorter /. s will run						
		5. At F	SD MCC	, vei	rify th	at fa	ult li	ght ill	un	ninates.						
		6. Cheo	ck door f	or da	amag	je ar	nd m	isaligr	nm	nent.						
		7. Clos	e debris	bin	acces	ss do	oor.									
		8. At F	SD MCC	, cle	ear fau	ult.										
		9. Oper door audil FSD door	n each u , verifyin ble beep MCC cl	insta ig the sou ear f	acker e red inds f fault b	side stac or ea outto	and kligl ach n aff	lowe nt flas door. er tes	r a he P stir	access es and ress ng each						
		10. Oper door audil FSD	n each S , verifyin ble beep <u>MCC</u> cl	Shoe g the sou ear f	Sorte e red inds f fault b	er Pl stac or ea outto	exig kligl ach n af	las ac nt flas door. œr tes	cce she P stir	ess es and ress the ng each						

U.S. Postal	Service					I	DENTIFICA	CATION						
Maintenance	Check	ist	WORK CODE		EQUIF ACR	MENT DNYM		CL	ASS DDE	NU	MBER	TYPE		
			0 3	A P	P S			Α	Α	0	0 1	М		
Equipment Nomenclature	; 		Equipmen	nt Model	U	11	Bulletin File	ename		Occurre	nce			
Automated Packa	je Proc m	essing					mm	15109			eCBM			
			- 						N 41		-			
Part or	Item No		lask t		and Instru	ction	20)	Est. Time	Min. Skill	D	Ihreshold	is Exam		
Component		((Comply with	n all currer	it salety pi	ecaution	ns)	Req	Lev	Hours	Fed	⊢req.		
								((1))			(000)			
		door.												
		11 At ES		start ES	D by pr	essina	start							
		push	-button.		,	Joonig	otart							
		12. Verif	y all FSD	convey	ors start									
		13. Stop	machine	.										
		14. Revie	ew systei	m log at	SMS to	ensure	e access							
		door	interlock	was rep	orted.									
		15. Gene Supe	erate cori ervisor as	rective w necess	ork orde ary.	r and	notify							
		lt is reco task.	ommende	ed that 2	2 persoi	form the								
	148**	Check in	duction	lano na	to intor	ocks (on side	13	09			1		
SUBSYSTEM:	140	one (4).	laaction	iane ga			on side	10	00					
INDUCTION LANE GATE INTERLOCKS SIDE 1		WARNIN or on applied. that th precaution and tes moving	IG: Be c equipme Some ne mac ons to ot equip parts.	autious ent wh of the f hine k prevent ment fi	when wen power ollowing oe run hair, o rom be	vorkin ver h g task ning. clothir ing c	ng around las been is require Take ng, tools, caught in							
		1. Start runni	machine ing).	e (all con	veyors a	ind car	rrier cells							
		2. Press acce then	s the Rec ss gate. light solid	quest Ac The but d.	cess bu ton shou	ton ne Id flas	ext to the h, and							
		3. Verif	y the indu	uction la	ne stops									
		4. Oper align	n gate an ment.	d check	gate for	dama	ge or mis-							
		5. Leav gate.	re that ga	te open	and pro	ceed to	o next							
		6. Repe 2, 3,	eat steps and Serr	2 throug ni-Auto.	jh 5 for I	nductio	on lanes							
		7. Close and p	e the gate press the	e for Ser gate Sta	ni-Auto art butto	on lane								
		8. Close	e and res	set the g	ates for	nducti	on lanes							

U.S. Postal	Service						I	DENTIFICA	ICATION					
Maintenance	Check	list	WORK CODE		EQ AC		ENT IYM		CL	LASS ODE	NU	MBEF	२	TYPE
			0 3	A P	Р	S			Α	Α	0	0	1	М
Equipment Nomenclature	Э		Equipme	nt Model	1 1			Bulletin File	ename		Occurre	nce		
Automated Packag	ge Proc	essing						mm	15109			eCl	ЗM	
Syste	m													
Part or	Item		Task	Statement	and Ins	structio	on		Est.	Min.		Thres	hold	S
Component	No	(Comply wi	th all curre	nt safety	/ prec	autior	ns)	Time	Skill	Run	Piec	es	Freq.
									Req (min)	Lev	Hours	Fe	d	
									()			(00	0)	
[3, 2,	and 1 ve	erifying th	ne lan	e res	tarts							
		9. Stop	the APF	PS machi	ne.									
		10 Revi	ew svete	em loa at	SMS	to er	neure	2						
		inter	locks we	re report	ed.		loure							
		11. Gen	erate cor	rrective w	/ork oi	rder a	and i	notifv						
		Sup	ervisor a	s necess	ary.			,						
APPS SYSTEM:	149**	Check i	nductior	n lane ga	te int	erloo	cks d	on side	13	09				1
INDUCTION LANE		two (4).												
		WARNI	NG: Be o	cautious	whe	n wo	orkin	g around						
2		or on	equipm	ent wh	en p	owe	er h	as been						
		that th	i some ne mao	chine l	ollow ber	ung unni	task ing.	s require. Take						
		precaut	ions to	prevent	hair	, clo	othin	ng, tools,						
		and tes moving	st equip parts.	oment f	rom	bein	g c	aught in						
		1. Star runn	t machin ing).	e (all con	veyor	s and	d car	rier cells						
		2. Pres acce light	s the Re ss gate. solid.	equest Ac The but	cess l ton sh	butto Iould	n ne flasl	ext to the h then						
		3. Verit	fy the ind	luction la	ne sto	ps.								
		4. Ope misa	n gate ar alignmen	nd check t.	gate	for da	ama	ge or						
		5. Leav gate	/e that ga	ate open	and p	roce	ed to	o next						
		6. Rep 2, 3,	eat steps and Ser	s 2 throu ni-Auto.	gh 5 fo	or Ind	luctio	on lanes						
		7. Clos and	e the ga press the	te for Sei e gate St	mi-Aut art bu	to Ind tton.	ducti	on lane						
		8. Clos 3, 2,	e and re and 1 ve	set the g erifying th	ates fo ne lan	or Ind e res	ducti tarts	on lanes						
		9. Stop	the APF	PS machi	ne.									
		10. Revi inter	ew syste locks we	em log at ere report	SMS ed.	to er	nsure	9						
		11. Gen Supe	erate cor ervisor a	rrective w s necess	/ork oi ary.	rder a	and i	notify						

U.S. Postal	Service						I	DENTIFICA	FICATION					
Maintenance	Check	list	WORK CODE		E			CL C	LASS ODE	NU	JMBE	R	TYPE	
			0 3	A P	Ρ	S			Α	Α	0	0	1	М
Equipment Nomenclature	е		Equipme	nt Model		1 1		Bulletin Fil	ename		Occurre	ence		
Automated Packa	ge Proc	essing						mm	15109			еC	BM	
Syste	m													
Part or	Item		Task	Statement	and I	nstruc	tion		Est.	Min.		Thre	shold	s
Component	No	((Comply wi	th all curre	nt safe	etv pre	ecautio	ns)	Time	Skill	Run	Pie	Ces	Freq
Component			o op.j			o.j p			Req	Lev	Hours	Fe	ed	1109.
									(11111)			(00)0)	
									1	1				
SORTER	150**	Check m	naintena	ince tes	t sta	tion	acces	s door	4	09				1
SUBSYSTEM: MAINTENANCE		solenoid	1.											
TEST STATION		WARNIN or on eq	IG: Be c	autious t when r	whe	en wo er ha	orking s hee	g around						
ACCESS DOOR		applied.	aipinon			<i>// ///d</i>	0 000							
SOLENOID		1. Ensu	ire syste	m is not	in M	ainte	nance	e mode						
		(Sort	ter blue s inated)	stackligh	t sho	ould r	ot be							
		2. Atter	npt to op	en the N	/laint	enan	ce Te	est Station	1					
		Acce	v that so	s. Jenoid n	rovo	nte d	oore f	rom						
		open	ing.			ns u	50151	IOIII						
		4. From by se State clicki	n SMS, p electing l es, then ing the M	blace sor Maintena clicking \$ /aintena	ter ir ance Sorte nce l	n Mai , Set er (to putto	ntena Mach highli n.	nce mode ine ght) then						
		5. At th 70 V rotar	e Mainte DC rotar y switch	enance T Ty switch in the Ad	est S and cces	Statio plac s pos	n turr e the . ition.	n off the Access						
		6. Verif the N	y that so ⁄laintena	lenoid h nce Tes	as re t Sta	tract	ed by Acces	opening s doors.						
		7. Clos door	e the Ma s.	aintenand	ce Te	est St	ation	Access						
		8. Turn the A	on the 7 Access S	70 VDC r Switch in	otary the N	/ swi Vorm	tch ar al pos	id place sition.						
		9. At th Offlir Mach highl	e SMS p ne mode nine Stat ight) the	but the Solution the Solution the Solution by Selection (1997) by the solution of the solution	orter cting click g the	subs Main king S Offli	systen tenar Sorter ne bu	n in the ice, Set (to tton.						
		10. Gene Supe	erate cor ervisor a	rective v s necess	vork ary.	orde	r and	notify						
SORTER SUBSYSTEM:	151**	Check s recomm	orter ga ended, (te interl closed l	ocks oop	s (2 p syste	eople em or	e nly).	11*	09				1
SORTER GATE		WARNIN or on eq	IG: Be c uipmen	autious t when r	whe	en wo er ha	orking s bee	g around						

U.S. Postal	Service					ATION						
Maintenance	Check	list	WORK CODE		EQUI ACF	PMENT ONYM		CL	LASS ODE	NU	MBER	TYPE
			0 3	A P	P S			Α	Α	0	0 1	М
Equipment Nomenclature	Э		Equipmer	nt Model			Bulletin File	ename		Occurre	nce	
Automated Packa	ge Proc	essing					mm	15109			eCBM	
Syste	[]]											
Part or	Item No		Task	Statement a	and Instru	iction		Est.	Min.		Threshold	ls
Component	110	(Comply wit	h all curren	t safety p	recautio	ns)	Time Reg	Skill	Run Hours	Pieces Fed	Freq.
								(min)	Lev	riouro	(000)	
		applied. that the precauti and test moving 1. Start runn 2. Activ Inter NOT time 3. Verif 5. Verif 6. Clos dam 7. At Sl illum 8. At Sl Faul 9. With step Acce 10. Revi inter Acciv to non- repo	Some of machine ons to p equipm parts. t machine ing). vate one lock Swift E: Start this task ty the ma ty the red ty the red age and MCC, ve inates. MCC, res t button. out resta s 4 throu- ess Gate locks we ve check- active fai rted and erate cor ervisor as fed By: S	of the fol be runn revent h ent from e (all com of the So tches by o with a dif is issued chine sto l lamp on sound two cess Gate mis-align rify the C set fault b rting mad gh 8 for t Interlock m fault lo re reporte box in th ults and v then reco sort Conf ed that 2	lowing ning. T air, clo being veyors rter Accopening ferent a d and pops. stack I o seque e and c ment. lear Fa oy press chine, re he seco Switch og at the e faults verify ea overed. ork ord ary.	tasks ake thing, caugh and ca cess Ga the ga ccess erforme ghts ill ential to heck ga ult butt sing the epeat so ces SMS icking to pane to ach inte er and on ns per	require tools, t in rrier cells ate ate. gate each ed. uminate. ones. ate for on c Clear to ensure the Non- o display erlock notify form the					
	450	task.		4: •4			Dulla and	400				
IMAGE AARS: TOP	152	Replace perform	Illumina Gain Ta	ation Mo ble Adju	dule Fa stmen	n and	Bulb and	120	09			104
SIDE 1		WARNIN cool bef	IG: Allov	v sufficie ormina s	ent tim	e for la	mps to					

U.S. Postal S	Service				I	DENTIFICAT	ION							
Maintenance	Checkl	list	WORK CODE		E A	QUIP	MENT NYM		CL CC	ASS DDE	NU	MBER	2	TYPE
			0 3	A P	Ρ	S			Α	Α	0	0	1	М
Equipment Nomenclature			Equipmer	nt Model	<u> </u>		I	Bulletin File	name	<u> </u>	Occurre	nce		
Automated Packag Syster	ge Proc m	essing						mm1	5109			eCE	3M	
Part or	ltem		Task	Statement	and Ir	nstruc	tion		Est	Min		Thres	nold	s
Component	No	(Comply wit	h all currer	nt safe	tv nre		ne)	Time	Skill	Dun	Dioc	20	Frog
Component			comply wit		it ourc	y pro	odution	10)	Req (min)	Lev	Hours	Fec (000	d))	neq.
		Illumina	tion Mod	dule.										
		WARNIN working frame m minimiz result in WARNIN local loc	NG: Fallin on the b embers e risk of persona NG: Lock ckout/res	ng hazan belt, wor located falling. al injury c out the store pro	rd ex k be over Fail or d FSE oced	tists twee the ure t leath D-MC ures	Whe belt t o cor C fol to pr	en e tunnel to nply may lowing revent						
		CAUTIO Illumina cardboa and/or d Debris c recognit NOTE: li perform t	N: Befor tion Moc and over t lebris fro on belts i tion perf t is recon the Gain	re perfor dule pro- the belts om colle may cau ormance nmendec Table Ac	rming cedu s to p cting ise ro e. d that djust	g ang ires, orevo g on educ t two ment	y Top place ent fo belt s ed ac perso	Camera otprints surfaces. ddress						
		performii 1. Lock	ng the ca out the l out/restor	Ilibration FSD-MC	C fol dures	llowin s to p	ng loc prever	al It AARS						
		belt	motion.	I										
		2. Rem the f side) mou	ove the l our socke) attachin nting bra	Iluminati et head o g the Illu cket.	on M cap s imina	lodul crew ation	e by r /s (2 c Modu	emoving on each lle to the						
		3. Repl	ace cool	ing fan (l	benc	h rep	air):							
		a. I	Remove : cover.	screws (4) frc	om th	e coo	ling fan						
		b. [b. b.] b. [b. b. [b. b. b.] b. b. b	Disconne the back body. Do bigtail our replacem on the far body and to connec harness. Remove	ect coolin of the fai o not atte t of the n ent fan c n body, c use a 2 ct new fa screws (g far <u>n if p</u> mpt nodu loes cut w 4 AW n wir 4) frc	n wiri lug is to pu le. I not f ires i /G s res to om th	ng plu s pres ill the f the c have r hear c blice c blice c be coc	ug <u>from</u> <u>ent at fan</u> wiring original or nale pins old fan connector ting						

Maintenance Checklist WORK CODE EQUIPMENT ACRONYM CLASS CODE NUMBER T 0 3 A P P S A A 0 0 1	CLASS NUMBER TYPE
0 3 A P P S A A 0 0 1	CODE
	A A 0 0 1 M
Equipment Nomenclature Equipment Model Bulletin Filename Occurrence	Bulletin Filename Occurrence
Automated Package Processing mm15109 eCBM System	mm15109 eCBM
Part or Item Task Statement and Instruction Est. Min. Thresholds	Est. Min. I hresholds
Component (Comply with all current safety precautions) Time Skill Run Pieces F	ns) Time Skill Run Pieces Freq.
(min) Lev Hours Fed	(min) Lev Hours Fea
d. Vacuum all dust and debris from the heat sink fins and fan cover. e. Replace cooling fan and reassemble. Fan airflow direction should be towards the module. WARNING: To prevent injury in case of bulb breakage, wear protective eye wear when performing this procedure. Bulb is hot. Allow at least 20 minutes for bulb to cool down. Failure to comply may result in personal injury. Have leather gloves nearby for cleanup in case of bulb breakage. Handle and dispose of bulb according to instructions contained within Safety Data Sheet. CAUTION: To prevent bulb breakage, do not touch bulb with anything other than thin cotton gloves. Body oil, iny grains of dirt etc. will cause bulb to burst when illumination module is turned on. 4. Replace lllumination Module Bulb. Detailed replacement instructions are located in the MS-202 Vol. B Section 6.6.2 titled Sodium Bulb. a. Loosen corner screws (2) and open front hinged glass frame of the illumination module. b. Loosen hex screw to pivot bulb mounting for bulb removal. c. Replace bulb (nub away from reflector) and reassemble. c. Label unit housing with date of Bulb and Fan replacement. c. Reinstall the module onto the mounting bracket, reinstalling the screws removed in step 2. 7. Perform Gain Table calibration for the camera (Standalone Gain Table Calibration for the camera	Ithe heat Ithe heat mble. Fan Ithe heat of bulb Ithe heat hen Ithe heat other Ithe heat do not Ithe heat hin f Ithe heat do not Ithe heat hin f Ithe heat been front Ithe heat open front Ithe heat mounting Ithe heat flector) Ithe heat and Fan Ithe heat ing Ithe heat ing oved in Ithe heat ing Ithe heat ing Ithe heat ing Ithe heat

U.S. Postal S	Service			IDENT WORK CODE EQUIPMENT ACRONYM 0 3 A P P S						ENTIFICAT	TION					
Maintenance	Checkl	list	WORK CODE			E	EQUIP ACRC	MENT NYM			CL CC	ASS ODE	N	JMBI	ER	TYPE
			0 3		A P	Ρ	S				Α	Α	0	0	1	М
Equipment Nomenclature	9		Equipm	ent	Model				E	Bulletin File	ename		Occurr	ence		
Automated Packag	ge Proc	essing								mm1	15109			e	СВМ	
Syster	m															
Part or	Item		Tas	< St	atement	and	Instruc	tion			Est.	Min.		Thre	eshold	s
Component	No		(Comply y	/ith	all curre	nt saf	etv pre	ecautio	ns	.)	Time	Skill	Run	Pi	eres	Freq
p			(,	Req	Lev	Hours	F	ed	1104.
											((()))			(0	000)	
		14 :		ala	al 41a a.4	0			.			1		1		
		It IS re Gain T	commen able por	ae tio	d that	z pe ie ta	erson Jek	s per	то	orm the						
IMAGE AARS:	153	Repla	e Illumir	at	ion Mo		e Far	and	в	ulb and	110	09				104
BOTTOM		perfor	m Gain T	ab	le Adj	ustn	nent.		_							
ILLUMINATION		WARN		w	suffic	ient	time	for la	am	nns to						
SIDE 1		cool b	efore per	fo	rming	serv	vice o	on the))	105 10						
		Illumir	ation Mo	οdι	ıle. Ö											
		NOTE	It is rec	om	mende	d th	at two	o pers	sor	ns						
		perforr	n the Gai	n T	able A	djus	tmen	t to a	voi	id the						
		necess	ity of relo	ca	ting the	e mo	nitor	while	•							
		perforr	ning the c	ali	bration	•										
		1. Re	move sid	еg	juardin	g fro	m lo	ver ca	am	nera						
		as	sembly to	al	ow aco	cess	to III	umina	atio	on						
		IVIC	aule.													
		2. Re	move the		uminat	ion N	Nodu	le by	re	moving						
		the	e tour soc e) attach	kei na	the Illi	cap : Imin	screv	vs (2 (Modu	on ule	each to the						
		m	ounting br	acl	ket.		ation	mout	uic							
		3. Re	place coo	olin	g fan (bend	ch re	pair):								
		a.	Remove	e so	crews ((4) fr	om tł	ne coo	olir	ng fan						
			cover.													
		b.	Disconr	ec	t coolir f the fe	ng ta	n wir	ing plu	ug	g <u>from</u> nt at fan						
			hody F	0) 001	not atte	<u>ii ii p</u> empt	to p	s pres Ill the	sei • w	virina						
			pigtail o	ut	of the r	nodu	ule. I	f the o	ori	iginal or						
			replace	ne	nt fan o	does	not	nave i	ma	ale pins						
			on the f	an	body, o	cut w	vires	near o	olo	d fan						
			body an	d u	ise a 2	4 AV	VG s	plice (CO	onnector						
			harness	501			165 0	JEXIS	sui	ig						
		c.	Remove	e so	crews ((4) fr	om tł	ne coo	olir	ng fan.						
		d.	Vacuum sink fine	al	l dust a	and o	debri:	s from	n tł	he heat						
		_	Daula													
		e.	airflow of module.	e co lire	ction s	an a houl	lna re Id be	towar	mr rds	ble. Fan s the						
		WARN	ING: To	pre	event i	njur	y in o	case o	of	bulb						
		breaka	ige, wear	' pi	rotecti	ve e	ye w	ear w	/he	en						
		perfor	ming this	s p	rocedı	ıre.	Bulk) is he	ot.	. Allow		1				

U.S. Postal	Service					l	IDENTIFICAT	TION				
Maintenance	Check	list	WORK CODE		EQUII ACR	PMENT ONYM		CL	LASS ODE	NU	IMBER	TYPE
			0 3	A P	P S			Α	Α	0	0 1	М
Equipment Nomenclature	Э		Equipmer	nt Model	11	1	Bulletin File	ename		Occurre	ence	
Automated Packa	ge Proc	essing					mm	15109			eCBM	
Syste	m											
Part or	Item		Task	Statement	and Instru	ction		Est.	Min.		Threshol	ds
Component	No	(Comply wit	h all curre	nt safetv n	ecautio	ns)	Time	Skill	Run	Pieces	Freq
Component			comply with		n ourory p	ooddiio		Req	Lov	Hours	Fed	ricq.
								(min)	Lev		(000)	
		at least : Failure t injury. H in case of of bulb a within S CAUTIO touch be cotton g will caus module 4. Repl Bulb a. H f b. H f c. H f 5. Labe repla 6. Rein brac step 7. Rein asse 8. Perfo (Star instru dain tab	20 minut to compl Have lea of bulb b accordin afety Da N: To pr ulb with ploves. E se bulb t is turned lace Illum acement i 202 Vol. I Loosen c hinged gl module. Loosen c hinged gl module. Loosen h for bulb re Replace I and reass el unit hou acement. Istall the i ket, reins 2. stall side embly. orm Gain ndalone (uctions a bommend ble portic	tes for b ly may r ther glo preakage in the glo preakage in the glo preakage in the glo reakage in the glo reakage in the glo anythin Body oil in the glo anythin Body oil in the glo anythin Body oil in the glo orner sc ass fram lex screv emoval. bulb (nul semble. using with module of stalling the glo anythin Body oil in the glo semble. using with a glo arding the glo anythin bulb (nul semble. using with a glo arding the glo anythin bulb (nul semble. using with a glo arding the con of the con of the glo anythin bulb (nul semble. using with a glo arding the con of the con of the glo anythin bulb (nul semble. using with a glo arding the con of the con of the glo anythin bulb (nul semble. a glo arding the con of the con of the con of the con of the con of the con of the con of the con of the con	yulb to c esult in ves nea e. Hand truction t. ulb brea g other , tiny gr when ill Module E ons are I n 6.6.2 t rews (2) he of the to away f ch date o onto the he screw g to low alibration ole Calib led in MI 2 person s task.	ool do perso rby fo le and s cont kage, than til ains o umina Bulb. I bocated itled S and o illumin t bulb t rom re f Bulb mount s remo er cam n for th ration MO-09 ns per	own. nal r cleanup l dispose tained do not hin f dirt etc. ation Detailed in the odium pen front hation mounting flector) and Fan ing oved in era he camera 4-11). form the					
IMAGE AARS:	154	Replace	Illumina	ation Mo	dule Fa	n and	Bulb and	120	09			104
SEMI-AUTO		perform	Gain Ta	ble Adju	ustment							
ILLUMINATION SIDE 1		WARNIN cool bef	IG: Allov	w suffici orming	ent time service	e for la on the	imps to					

U.S. Postal	Service					IDENTIFICAT	TION				
Maintenance	Check	list	WORK CODE	I	EQUIPMENT ACRONYM		CL	ASS DDE	NU	MBER	TYPE
			0 3	A P P	S		Α	Α	0	0 1	М
Equipment Nomenclature Automated Packa Syste	∍ ge Proo m	cessing	Equipmen	t Model		Bulletin File mm1	ename I5109		Occurre	^{nce} eCBM	
Part or	Item		Task S	Statement and	Instruction		Est.	Min.		Threshold	ls
Component	No	(Comply with	n all current sa	fety precautio	ns)	Time Req (min)	Skill Lev	Run Hours	Pieces Fed (000)	Freq.
		Illumina	tion Mod	ule.							
		WARNIN working frame m minimiz result in WARNIN local loc startup	NG: Fallin on the b nembers l e risk of persona NG: Lock ckout/res of the Se	ng hazard e elt, work b located ove falling. Fai al injury or out the INI tore procee mi-Auto be	exists. Wh etween the er the belt llure to con death. DX-DCC-4 dures to pr elts.						
		CAUTIO Illumina cardboa and/or c Debris c recognit	N: Before tion Mod ard over t lebris fro on belts n tion perfo	e performir ule proced he belts to m collectin nay cause prmance.	ng any Top ures, plac prevent fo ng on belt reduced a						
		NOTE: I perform necessit performi	t is recom the Gain y of reloca ng the cal	mended that Table Adjus ating the mo libration.	at two perse tment to av onitor while	ons void the					
		1. Lock lock Auto	c out the l out/restor belt moti	NDX-DCC-4 e procedure on.	4 following es to prever	local nt Semi-					
		2. Rem the f side mou	nove the II our socke) attaching nting brac	llumination l at head cap g the Illumir cket.	Module by screws (2 d nation Modu	removing on each ule to the					
		3. Repl	lace Cooli	ing Fan (be	nch repair)	:					
		a.	Remove s cover.	screws (4) fr	om the coo	oling fan					
		b. 1	Disconned the back of body. Do pigtail out replaceme on the fan body and to connec harness.	ct cooling fa of the fan if not attemp of the mod ent fan does body, cut v use a 24 Av t new fan w	In wiring plu plug is pres t to pull the ule. If the o s not have n vires near o NG splice o ires to exis						
		d. '	Vacuum a	all dust and	debris from	the heat					

U.S. Postal	Service						I	DENTIFICA	ΓION				
Maintenance	Checkl	ist	WORK CODE		E	QUIP	MENT NYM		CL	ASS ODE	NU	MBER	TYPE
			0 3	A P	Ρ	S			Α	Α	0	0 1	М
Equipment Nomenclature	9		Equipme	nt Model				Bulletin File	ename		Occurre	nce	
Automated Packag	ge Proc	essing						mm ²	15109			eCB	М
Syster	m												
Part or	Item		Task	Statemen	t and li	nstruc	tion		Est.	Min.		Thresh	olds
Component	No		(Comply wi	ith all curre	ent safe	ety pre	ecaution	ns)	Time	Skill	Run	Piece	s Frea.
								,	Req	Lev	Hours	Fed	
									(11111)			(000))
			sink fins	and fan	cove	r.							
		e	Replace	cooling	fan ai	nd re	asser	nble Fan					
		0.	airflow d	irection	shoul	d be	towar	ds the					
			module.										
		WARN	ING: To p	prevent	injury	/ in c	ase c	of bulb					
		breaka	ge, wear	protect	ive ey	ye w	ear w	hen					
		perform at leas	ning this t 20 minu	procea	ure. bulb t	buik to co	o is no ol do	ot. Allow					
		Failure	to comp	ly may	result	t in p	erso	nal					
		injury.	Have lea	ather glo	ves	near	by fo	r cleanup					
		in case	e of bulb	breakag	e. Ha	andl	e and	dispose					
		within	Safety Da	ata Shee	et.	lions	COM	lameu					
		САЦТІ	ON [.] To p	revent h	ulb h	oreal	ade	do not					
		touch	bulb with	anythir	ng oth	ner t	han th	nin					
		cotton	gloves.	Body oi	l, tiny	/ gra	ins o	f dirt etc.					
		will ca	use bulb	to burst	whe	n illu	imina	ition					
				u on.									
		4. Re	place Illur	nination	Modu ons a	ile B	ulb. D	etailed					
		MS	5-202, Vol	. B, Sect	ion 6	.6.2,	titled	Sodium					
		Bul	lb.										
		a.	Loosen o	corner so	crews	(2) a	and op	oen front					
			hinged g	lass frar	ne of	the i	llumin	ation					
			module.										
		b.	Loosen I for bulb I	nex scre removal.	w to p	oivot	bulb r	nounting					
		C.	Replace	bulb (nu	ıb aw	ay fr	om re	flector)					
			and reas	semble.		5		,					
		5. Lat	oel unit ha	ousing w	ith da	te of	Bulb	and Fan					
		rep	lacement										
		6. Re	install the	module	onto	the r	nount	ing					
		bra	icket, rein	stalling t	he sc	rews	remo	oved in					
		ste	p 2.										
		7. Re INE	move lock DX-DCC-4	cout and I.	resto	re po	ower t	o the					
		8. Pei	rform Gaiı	n Table (calibra	ation	for th	e camera					
		(St	andalone	Gain Ta	ble C	alibr	ation						

U.S. Postal S	Service							I	IDE	NTIFICAT	TION					
Maintenance	Check	list	WOF COE	RK DE		EC A	QUIP CRO	MENT NYM			CL CC	ASS DDE	N	JMBI	ĒR	TYPE
			0	3	A P	Ρ	S				Α	Α	0	0	1	М
Equipment Nomenclature)		Equip	mer	nt Model	l			В	ulletin File	ename	1	Occurr	ence	1 1	
Automated Packag	ge Proc	essing								mm1	15109			e(СВМ	
Syster	n															
Part or	Item		Т	ask	Statement	and In	struc	tion			Est.	Min.		Thre	eshold	S
Component	No		(Comply	/ wit	h all currer	it safet	ty pre	cautio	ns)		Time	Skill	Run	Pie	eces	Freq.
											(min)	Lev	Hours	F	ed	
														(0	00)	
		in	structior	s a	re includ	ed in	MN	0-09	94- ⁻	11).						
		lt is r	comm	nd	od that ') nor	eon	e nor	fo	rm tho						
		Gain	able po	rtic	on of this	s tas	son k.	s per	10	ini the						
IMAGE AARS: LEFT	155	Repla	ce Illun m Gain	ina Ta	ation Mo	dule Istma	Fan ent	and	Вι	ulb and	100	09				104
SIDE 1				10			ime	forla	na ta							
		cool b	before p	nov erf	ormina s	ent u servi	ime ce c	n the	3111 Э	ps to						
		Illumi	nation I	loc	dule.				•							
		NOTE	: It is re	con	nmendec	that	two	perso	s							
		perfor	m the G	ain	Table A	djustr	men	to av	voi	d the						
		neces	sity of re	eloc	ating the	mon	nitor	while								
		perior	ining une	: Ca	libration											
		1. R	emove t	ne l	Illuminati	on M	odu	e by i	rer	moving						
		th	e four so)Ck	et head o	ap so	crew	/s (2 c Modu	on	each						
		m	ounting	bra	cket	IIIIIa	luon	wout	ule							
		2. R	eplace c	ool	ing fan (t	ench	n rep	oair):								
		a.	Remo cover	ve	screws (4	4) fro	m th	ie coo	olir	ng fan						
		b.	Disco	nne	ect coolin	g fan	wiri	ng plu	ug	from						
			the ba		<u>of the fai</u>	<u>ı if pl</u> mnt t	ug i	s pres	ser	<u>nt at fan</u> iring						
			pigtail	ou	t of the n	nodul	le. I	f the c	orig	ginal or						
			replac	em	ent fan c	loes r	not l	nave r	ma	ale pins						
			on the	tai and	n body, c	ut wii 1 Δ\Λ/	res I	near o Nice o		tan						
			to cor	neo	ct new fa	n wire	es to	o exis	tin	g						
			harne	SS.												
		C.	Remo	ve	screws (4) fro	m th	ie coc	olir	ng fan.						
		d.	Vacuu sink fi	im a ns a	all dust a and fan c	nd de over.	ebris	s from	n th	ne heat						
		e.	Repla airflov	ce (/ di	cooling fa	an an hould	nd re I be	asser towar	mb rds	ole. Fan the						
			modu	e.												
		WAR	NING: T	o p	revent in	njury	in c	ase o	of	bulb						
		perfo	aye, we mina th	ar nis	protectiv	re.F	e w Bulh	ear W is ho	ot.	Allow						
		at lea	st 20 mi	nut	tes for b	ulb te	0 00	ol do) SW	n.						

U.S. Postal	Service							I	IDE	ENTIFICAT	ION					
Maintenance	Check	list	WORK CODE			EC A(QUIPI CRO	MENT NYM			CL	ASS ODE	N	UMB	ER	TYPE
			0 3	Α	Р	Ρ	S				Α	Α	0	0	1	М
Equipment Nomenclature	Э		Equipme	nt Moo	del				B	Bulletin File	name		Occur	ence	1 1	
Automated Packa	ge Proc	essing								mm1	5109			e	СВМ	
Syste	m															
Part or	Item		Task	Stater	ment a	and Ins	struc	tion			Fst	Min		Thre	eshold	s
Component	No	(Comply wi	th all c		eafot	vnre	cautio	ne)	\ \	Time	Skill	Bun	Di		Erog
Component		C C	Comply wi		Junem	Salet	y pre	caulio	113))	Req	U ANI	Hours	F	Fed	Fieq.
											(min)	Lev		(0	000)	
		Failure t injury. I in case of of bulb a within S CAUTIO touch bu cotton g will caus module 3. Repl module 3. Repl a. I Bulb a. I b. I f c. I b. I f c. I brac step 6. Perfo (Star instru It is reco Gain Tal	so comp Have lea of bulb I accordir afety Da N: To prub ulb with loves. I se bulb is turne ace Illun acement 202, Vol. - oosen f for bulb r Cosen f for bulb r Replace and reas el unit ho acement. stall the ket, reins 1. orm Gair ndalone uctions a ommend ble porti	ly ma ther break g to ata SI rever anyt Body to bul bulb semt using modustallin are ind led th ion o	ay re glov kage. insti- heet. ht bu thing y oil, urst v ion M uction Sectio frame crew val. (nub ole. g with ule on g the clude hat 2 of this	sult res n ructi Ib br otho tiny vhen lodul ns ar n 6.6 ews (e of the awa n to pi awa n date n to the escre- ed in pers s tas	in pear in pear ndl ions reak er ti gra e lo 5.2, (2) a be lo 5.2, (2) a the il vot y fro e of he n ews tion allibra MM son k.	erso by fo and conf age, nan this ins o imina ulb. I cated titled and op lumin bulb r bulb r bulb r bulb r for that for that 0-09 s per	Dentation Dentation	al cleanup lispose ined o not n dirt etc. on etailed n the odium en front tion punting ector) nd Fan g ed in camera .11). orm the						
IMAGE AARS: RIGHT ILLUMINATION	156	Replace Perform WARNIN	Illumina Gain Ta IG: Allo	ation able /	Moc Adju: fficie	dule stme	Fan ent. me	and	B	ulb and	100	09				104
SIDE 1		cool bef	ore perf	ormi	ing s	ervio	ce o	n the	Э							

U.S. Postal S	Service		IDENTIFIC					ION				
Maintenance	Check	list	WORK CODE		EQUIF ACRO	MENT DNYM		CL CC	ASS DDE	NU	MBER	TYPE
			0 3	AP	P S			Α	Α	0	0 1	М
Equipment Nomenclature Automated Packag Syster	ge Proc m	cessing	Equipmen	nt Model			Bulletin File mm1	name 5109		Occurre	^{nce} eCBM	
Part or	ltem		Task S	Statement an	d Instru	ction		Est	Min		Threshold	ls
Component	No	(Comply with	h all current s	afety pr	ecaution	ns)	Time	Skill	Run	Pieces	Freq.
								Req (min)	Lev	Hours	Fed (000)	
		Illumina	tion Mod	lule.								
		NOTE: I perform necessit performi 1. Rem the f side	t is recom the Gain y of reloc ng the ca nove the I our socke) attachin pting brog	nmended the Table Adju ating the n libration. Iluminatior at head cap g the Illum	nat two ustmen nonitor n Modu p screv inatior	o perso t to av while lle by r vs (2 c Modu	ons void the removing on each ule to the					
		2 Repl	nung brad lace cooli	ckel. ng fan (be	nch re	nair) [.]						
		a.	Remove s cover.	screws (4)	from t	ne coc	oling fan					
		b. 1	Disconnet the back (body. Do pigtail out replaceme on the far body and to connec harness.	ct cooling of the fan i o not attem t of the mo ent fan doo n body, cut use a 24 / ct new fan	fan wir <u>f plug i</u> pt to p dule. es not wires AWG s wires t	ing plu s pres ull the f the c have r near c plice c o exist	ug <u>from</u> sent at fan wiring original or male pins old fan connector ting					
		с.	Remove s	screws (4)	from t	ne coc	oling fan.					
		d. '	Vacuum a sink fins a	all dust and and fan co	d debri ver.	s from	the heat					
		e.	Replace o airflow dir module.	cooling fan ection sho	and re uld be	easser towar	mble. Fan ds the					
		WARNIN breakag perform at least Failure t in case of bulb within S CAUTIO touch b cotton g will caus	NG: To pr le, wear p ing this p 20 minut to comply Have lead of bulb b accordin afety Da Dafety Da N: To pro ulb with gloves. E se bulb to	revent inju protective procedure les for bul y may res ther glove reakage. g to instru ta Sheet. event bull anything o Body oil, ti o burst wi	ury in eye w Bull b to co ult in s near Hand uction b brea other t iny gra hen ill	case of ear w o is ho bol do bersol by fol e and s conf kage, han th ins of umina	of bulb hen ot. Allow wn. nal r cleanup dispose tained do not nin f dirt etc. ition					

U.S. Postal S	Service					l	DENTIFICA	TION				
Maintenance	Check	list	WORK CODE		EQUIF ACRO	MENT DNYM		CL	ASS ODE	NU	MBER	TYPE
			0 3	A P	P S			Α	Α	0	0 1	М
Equipment Nomenclature)		Equipmer	nt Model			Bulletin File	ename		Occurre	nce	
Automated Packa	ge Proc	essing					mm	15109			eCBM	
Syster	m											
Part or	Item		Task \$	Statement a	and Instru	ction		Est.	Min.		Threshol	ds
Component	No	(Comply wit	h all curren	t safety pr	ecautio	ns)	Time	Skill	Run	Pieces	Frea.
- 1					, ,		/	Req	Lev	Hours	Fed	
								(min)			(000)	
		module	is turned	l on.								
		2 Pop		ination N	Andula E		Dotailad					
		repla	acement i	instructio	ns are lo	ocated	in the					
		MS-	202, Vol.	B, Sectio	on 6.6.2,	titled	Sodium					
		Bulb										
		a.	Loosen c	orner scr	ews (2)	and o	pen front					
			hinged gla module	ass fram	e of the	illumin	ation					
			l oosen h	av scraw	to nivot	hulh r	mounting					
			for bulb re	en screw emoval.		ו מוטמ	nounting					
		C.	Replace b and rease	oulb (nub semble.	o away fr	om re	flector)					
		4. Labe repla	el unit hou acement.	using wit	h date o	f Bulb	and Fan					
		5. Rein brac	istall the i ket, reins 1	module o talling th	onto the e screws	mount s remc	ing oved in					
		6. Perfe (Stai	orm Gain ndalone (Table ca Gain Tab	alibratior le Calibr	for th ation	e camera					
		115u				10-09	4-11). found the o					
		Gain Ta	ble porti	on of thi	s task.	is per	iorm the					
IMAGE AARS: TOP ILLUMINATION	157	Replace perform	lllumina Gain Ta	ition Mo ble Adju	dule Fai stment.	n and	Bulb and	120	09			104
SIDE 2		WARNIN cool bef Illumina	NG: Allov fore perfe tion Mod	v sufficie orming s lule.	ent time service (for la on the	mps to					
		WARNIN	NG: Fallir on the b	ng hazar pelt, wor	d exists k betwe	. Wheen the	en e tunnel					
		frame m minimiz	embers e risk of	located falling.	over the Failure	e belt t to cor	to nply may					
			persona	al injury	or deat	ן. רך ג אי	lowing					
		local loc	ckout/res	store pro	cedure	s to pi	revent					
		startup	of the AA	ARS belt	s.		•					
			N: Befor	e perfor	ming ar	y Top	Camera					
		cardboa	rd over t	the belts	to prev	ent fo	otprints					

U.S. Postal S	Service						DENTIFICAT	TION				
Maintenance	Checkl	ist	WORK CODE		EQUIPME ACRONY	NT M		CL CC	ASS DDE	NU	MBER	TYPE
			0 3	A P P	S			Α	Α	0	0 1	М
Equipment Nomenclature Automated Packag Syste	e ge Proc m	essing	Equipmer	nt Model			Bulletin File mm1	ename I 5109		Occurre	^{nce} eCBN	
Part or	ltom		Task	Statement and	Instruction	<u> </u>		Fet	Min		Threshol	46
Component	No			h all current ea	fety preca	ution) ()	Time	Skill	Bup	Diegoog	Erog
Component		(oompiy wit	n an current sa		ution		Req (min)	Lev	Hours	Field (000)	rieq.
		and/or d Debris o recognit NOTE: It perform t necessity performir	ebris fro in belts r ion perfe- the Gain y of reloc ing the ca	om collectin may cause ormance. mended tha Table Adjus ating the mo libration.	ig on be reduced at two pe tment to onitor wh	elt s d ad ersc av nile	ourfaces. Idress ons oid the					
		lockout/re motion.	estore pr	ocedures to	prevent	i AA	RS belt					
		1. Rem the fo side) moui	ove the I our socke attachin nting brac	llumination l et head cap g the Illumir cket.	Nodule I screws ation Mo	by r (2 o odu	emoving on each lle to the					
		2. Repl	ace cooli	ng fan (ben	ch repai	r):						
		a.F	Remove : cover.	screws (4) fr	om the	coo	ling fan					
		b. [<u>t</u> r c t t	Disconne he back (<u>body</u> . Do bigtail out eplacem on the far body and o connec narness.	ct cooling fa of the fan if o not attemp t of the mod ent fan does n body, cut v use a 24 A ct new fan w	n wiring plug is p t to pull t ule. If th s not hav vires nea WG splic ires to e	plu pres the ne o ve n ar o ce c exist	ng <u>from</u> ent at fan wiring original or nale pins old fan connector ing					
		c.F	Remove	screws (4) fr	om the	coo	ling fan.					
		d. \ s	/acuum a sink fins a	all dust and and fan cove	debris fr er.	om	the heat					
		e. F a r	Replace o airflow dir nodule.	cooling fan a rection shou	and reas Id be tov	sen vare	nble. Fan ds the					
		WARNIN breakag performi at least 2 Failure t injury. H in case o of bulb a	IG: To pr e, wear p ing this p 20 minut o compl dave leat of bulb b accordin	revent injur protective e procedure. ses for bulb y may resu ther gloves preakage. H g to instruct	y in cas ye wear Bulb is to cool It in per nearby landle a ctions c	se o r wl s ho do rsor for and ont	of bulb hen wt. Allow wn. hal cleanup dispose ained					

U.S. Postal	Service						ID	DENTIFICAT	TION					
Maintenance	Check	list	WORK CODE		EQI AC	JIPMENT RONYM	Г		CL	LASS ODE	NL	MBER	TYP	Έ
			0 3	A P	P S	S			Α	Α	0	0 1	М	
Equipment Nomenclature	•		Equipmer	nt Model		1 I		Bulletin File	name		Occurre	nce		
Automated Packag	ge Proc m	essing						mm	15109			есы	VI	
Part or	Itom		Task	Statement	and Incl	ruction			Ect	Min		Throch	lde	
Component	No	(Comply wit	h all curren	it safetv	precauti	on	s)	Time	Skill	Run	Piece		n
Component						p		-)	Req (min)	Lev	Hours	Fed		ч.
		within S	afoty Da	ta Shoot								(000)		
		CAUTIO touch be cotton g will caus module	N: To pr ulb with gloves. E se bulb t is turned	event bu anything 3ody oil, o burst d on.	יי וlb bre g othe tiny g when	eakage r than grains o illumin	, c th of at	lo not in dirt etc. ion						
		3. Repl repla MS-2 Bulb	lace Illum acement i 202, Vol.	ination M Instructio B, Sectio	/lodule ins are on 6.6.	e Bulb. e locate .2, titleo	D di dS	etailed in the Sodium						
		a. I I	Loosen c hinged gl module.	orner scr ass fram	rews (2 e of th	2) and o e illumi	op ina	en front ation						
		b. I	Loosen h for bulb re	ex screw emoval.	to piv	ot bulb	m	nounting						
		C.	Replace I and rease	oulb (nub semble.	o away	from r	efl	ector)						
		4. Labe repla	el unit hou acement.	using wit	h date	of Bulk	o a	and Fan						
		5. Rein brac step	istall the i ket, reins 2.	module c talling th	onto th e scre	e mour ws rem	ntir 10\	ng /ed in						
		6. Perfe (Stai instr	orm Gain ndalone (uctions a	Table ca Gain Tab re includ	alibrati le Cal ed in I	ion for t ibration MMO-0	the 1 94	e camera -11).						
		lt is reco Gain Tal	ommend ble porti	ed that 2 on of thi	2 pers s task	ons pe	erf	orm the						
IMAGE AARS: BOTTOM	158	Replace perform	Illumina Gain Ta	ition Mo ble Adju	dule F Istmei	^r an anc nt.	d E	Bulb and	110	09			10)4
ILLUMINATION SIDE 2		WARNIN cool bef Illumina	NG: Allow fore perfe tion Mod	v sufficio orming s lule.	ent tin servic	ne for l e on th	lar ie	nps to						
		NOTE: It perform necessity performit	t is recon the Gain y of reloc ng the ca	nmended Table Ac ating the libration.	that t djustm monit	wo pers ent to a tor while	so avo e	ns oid the						
		1. Rem	nove side	guarding	g from	lower o	cai	mera						

U.S. Postal S	Service						I	DENTIFICA	TION					
Maintenance	Checkl	ist	WORK CODE		E A	QUIP ACRC	MENT NYM		CL	ASS ODE	NU	IMBEI	R	TYPE
			0 3	AP	Ρ	S			Α	Α	0	0	1	М
Equipment Nomenclature)		Equipmer	nt Model				Bulletin Fil	ename		Occurre	ence		
Automated Packa	ge Proc	essing						mm	15109			еC	ΒM	
Syster	m													
Part or	ltem		Task	Statement	and Ir	nstruc	tion		Fst	Min		Three	shold	s
Component	No		Comply wit		at cofe			ac)	Time	Skill	Dun	Die		- Frag
Component		C.	Comply wit		it said	sty pro	cautio	13)	Req	Lev	Hours	Fe	es ed	Fleq.
									(min)	201		(00	0)	
		asse Mod 2. Rem the fi side) mou 3. Repl a. F b. f b. f b. f c. f d. t f c. f d. t f f c. f d. t f f f f wARNIN breakag perform at least f Failure t in case o of bulb a within S CAUTIO touch bu couton g	embly to a ule. nove the l our sock) attachin nting bra lace cool Remove cover. Disconne the back body. Do oigtail ou replacem on the fail body and to connec harness. Remove vacuum sink fins a Replace fairflow dia module. NG: To p le, wear p ing this 20 minut to comple Have lea of bolb to accordin tafety Da	allow acc allow acc ing the ad o ing the Illu cket. ing fan (k screws (o to coolin o the fan o not atte t of the n is body, c l use a 2- ct new fan screws (all dust a and fan c cooling fa rection s revent in protectiv procedu ther gloo oreakage it a Sheet event bu anything anything	on N cap s mina penc 4) frc g far <u>n if p</u> mpt hodu loes cut w 4 AV n wir 4) frc sut w 4 AV n wir 4) frc ious sut w 4 AV n wir 4) frc ious sut w 4 AV n wir 5 ious t ious i ious ious t ious t ious t ious t ious t ious ious ious ious i ious i ious ious	to Illi fodu crew ation h rep om th iug i ito pu le. I not I ires VG s res to y in c y in c y w Bulb to cc t in p near ations oreal tions	umina le by r /s (2 c Modu pair): ne coo na plu s pres ull the f the con plice coo plice coo s from casser towar casser towar casser towar casser towar casser towar casser casser casser towar cassec	tion removing on each ule to the oling fan ug <u>from</u> <u>sent at fan</u> wiring original or male pins old fan connector ting oling fan. the heat mble. Fan ds the of bulb hen t. Allow own. nal r cleanup dispose tained do not nin f dirt etc.	(min)					
		module 4. Repl	is turne lace Illum	d on. nination M	Лоdu	ıle B	ulb. D	Detailed						

U.S. Postal	Service						11	DENTIFICAT	TION					
Maintenance	Check	list	WORK CODE		EQI AC		IT /I		CL CC	ASS ODE	NU	IMBE	R	TYPE
			0 3	A P	P S	S			Α	Α	0	0	1	М
Equipment Nomenclature	Э		Equipme	nt Model				Bulletin File	ename		Occurre	ence		
Automated Packag	ge Proo	cessing						mm1	15109			eC	BM	
Syste	[[]													
Part or	Item		Task	Statement	and Inst	ruction			Est.	Min.		Three	shold	s
Component	NO	(Comply wi	th all currer	nt safety	precau	tior	is)	Time	Skill	Run	Piec	ces	Freq.
									(min)	Lev	Hours	(00		
												(00)0)	
		repla MS-2 Bulb a. I f b. I f c. F repla 6. Rein brac step 7. Rein asse	acement 202, Vol. Loosen of module. Loosen h for bulb r Replace and reas el unit ho acement. stall the ket, reins 2. stall side embly.	instructic B, Section corner scr lass fram nex screw removal. bulb (nut semble. busing wit module of stalling th e guarding	ons are on 6.6. rews (2 e of th / to piv o away h date onto th le scre g to lov	e locate 2, title 2) and e illum ot bull of Bul e mou ws rer wer ca								
		8. Perfo (Star instru It is reco	orm Gair ndalone uctions a ommend	n Table ca Gain Tab are includ led that 2	alibrati de Cal ed in I 2 pers	on for ibratio MMO-(ons p	th n 094 erf	e camera 4-11). ^corm the						
		Gain Ta	ble porti	ion of thi	is task	ζ.								
IMAGE AARS: SEMI-AUTO	159	Replace perform	Illumina Gain Ta	ation Mo able Adju	dule F Istmei	an an nt.	d	Bulb and	120	09				104
SIDE 2		WARNIN cool bef Illumina	IG: Allo ore perf tion Mo	w suffici forming s dule.	ent tin servic	ne for e on ti	la he	mps to						
		WARNIN working frame m minimiz result in WARNIN	IG: Falli on the embers e risk of person IG: Locl	ng hazai belt, wor located falling. al injury k out the	rd exis k betv over t Failur or dea INDX	sts. W veen t he be re to c ath. -DCC-	/he he It t on 4 f	en tunnel o nply may following						
		local loc startup	kout/rest	store pro emi-Auto re perfor	belts	res to anv T	pr	event Camera						
		Illumina	tion Mo	dule pro	cedure	es, pla	ice ice							

U.S. Postal	Service					I	DENTIFICA	TION			•	
Maintenance	Check	list	WORK CODE		EQUIP ACRO	MENT NYM		CL	ASS DDE	NU	IMBER	TYPE
			0 3	AP	PS			Α	Α	0	0 1	М
Equipment Nomenclatur		vocaina	Equipmen	t Model	<u> </u>		Bulletin File	ename		Occurre	ence	_
Svste	ye Proc m	essing.					mm	15109			eCBI	N
									N 41			
Part or	Item No		Task S	Statement ar		tion	`	Est. Time	Min. Skill		Ihresho	olds
Component			(Comply with	n all current :	safety pre	ecaution	ns)	Req	Lev	Run Hours	Pieces Fed	s Freq.
								(min)	LOV		(000)	
		cardbo and/or Debris recogr NOTE: perform necess perform 1. Loo loc Au 2. Re sid mo 3. Re a. b. b. c. d. e. WARN breaka perform at leas Failure	vard over t debris fro on belts r ition perfe- lt is recom- ity of reloca- ing the Gain ity of reloca- ing the ca ck out the I kout/restor to belt moti move the II four socke e) attaching unting brace place cooli Remove s cover. Disconner the back of body. Do pigtail out replacemo on the far body and to conner harness. Remove s Vacuum a sink fins a sink fins a Replace of airflow dir module. ING: To pr ge, wear p ning this p	the belts to may cause ormance. Immended to Table Adju- ating the re- libration. NDX-DCC e procedua ion. Illumination et head ca- g the Illum cket. Ing fan (be- screws (4) of the fan io not attem of the fan io not attem of the modern fan do not attem of the modern fan do not attem cent fan do not attem con fan do con fan do cooling far revent inju- protective procedura	to prever ting on e reduce hat two ustment nonitor C-4 follo res to p n Modu p screw in ation ench rep ofrom the fan wirities to pug bdule. If es not he twires to adverse ofrom the d debrise wires to from the d debrise ofrom the d debrise twires to and rep build be to pug to pug	ent fo belt s ced ac perso t to av while wing l preven le by r /s (2 c Modu pair): ne coo pair): ne coo s from asser towar case c ear w pis ho pol do perso by fo	otprints surfaces. ddress ons odd the local at Semi- removing on each ale to the oling fan ug from eent at fan wiring original or nale pins old fan connector ting oling fan. the heat mble. Far ds the of bulb hen ot. Allow					

U.S. Postal	Service											
Maintenance	Checkl	ist	WORK CODE		EQU ACF	PMENT ONYM		CI C	LASS ODE	NU	IMBER	TYPE
			0 3	A P	ΡS			Α	Α	0	0 1	М
Equipment Nomenclature	Э		Equipme	nt Model		1	Bulletin F	lename		Occurre	ence	
Automated Packag	ge Proc	essing					mn	n15109			eCBN	1
Syste	m											
Part or	Item		Task	Statement	and Instr	uction		Est.	Min.		Thresho	lds
Component	No	(Comply wi	th all currer	nt safetv r	recautio	ons)	Time	Skill	Run	Pieces	Frea
- 1		,			, ,		,	Req	Lev	Hours	Fed	
								(min)			(000)	
		in case of bulb within S CAUTIO touch b	of bulb I accordir afety Da N: To pi ulb with	oreakage ng to insi nta Sheet revent bu anything	e. Hand truction t. ulb brea g other	lle and is con akage, than t	•					
		cotton g will cau module	gloves. I se bulb is turne	Body oil, to burst d on.	tiny g when il	ains c Iumina	-					
		4. Rep repla MS- Bulb	lace Illun acement 202, Vol. 9.	nination M instructic B, Sectio	/lodule ons are on 6.6.2	Bulb. E ocated , titled						
		a.	202, Vol. B, Section 6.6.2, titled Sodium b. Loosen corner screws (2) and open front hinged glass frame of the illumination module. Loosen hex screw to pivot bulb mounting									
		b.	Loosen h for bulb r	nex screw emoval.	/ to pivo	t bulb	mounting					
		С.	Replace and reas	bulb (nut semble.	away ⁻	rom re	eflector)					
		5. Labe repla	el unit ho acement.	using wit	h date o	of Bulb	and Fan					
		6. Rein brac step	istall the ket, reins 2.	module o stalling th	onto the e screv	moun /s rem/	ting oved in					
		7. Rem IND	nove lock X-DCC-4	out and r	estore	ower	to the					
		8. Perf (Stai instr	orm Gair ndalone uctions a	n Table ca Gain Tab are includ	alibratic le Calit ed in M	a						
		lt is reco Gain Ta	ommend ble porti	led that 2 ion of thi	2 perso s task.	ns pei						
IMAGE AARS: LEFT ILLUMINATION	160	Replace perform	e Illumina Gain Ta	ation Mo able Adju	dule Fa Istmen	in and	Bulb and	1 100	09			104
SIDE 2		WARNII cool bei Illumina	NG: Allo fore perf ition Mo	w suffici orming s dule.	ent tim service	e for la on the	amps to e					
		NOTE: I	t is recor	nmendec	l that tw	o pers	ons					

U.S. Postal S	Service					l	DENTIFIC	ATION				
Maintenance	Check	list	WORK CODE		EQUI ACR	PMENT ONYM		CI C	LASS ODE	NU	MBER	TYPE
			0 3	A P	ΡS			A	Α	0	0 1	М
Equipment Nomenclature	e		Equipmer	nt Model		11	Bulletin F	ilename		Occurre	ence	
Automated Packa	ge Proc	essing					mr	m15109			eCBI	N
Syster	m											
Part or	Item		Task S	Statement a	and Instru	ction		Est.	Min.		Thresho	olds
Component	No	((Comply wit	h all curren	t safaty r	recautio	ne)	Time	Skill	Dup	Diago	Frog
Component					t salety p	Codulio	13)	Req	Lev	Hours	Fed	s rieq.
								(min)			(000)	
		norform t	the Cain	Tabla Aa	liuotmo	at to a	aid the					
		necessity	v of reloc	ating the	monito	r while						
		performin	ng the ca	libration.	monito	wine						
		1 Rem	ove the l	lluminati	on Mod	ıla hvu	emoving					
		the fo	our socke	et head c	ap scre	ws (2 c	on each	1				
		side)	 a. Remove screws (4) from the cooling fan cover. b. Disconnect cooling fan wiring plug from the back of the fan if plug is present at fan body. Do not attempt to pull the wiring pigtail out of the module. If the original or replacement fan does not have male pins on the fan body, cut wires near old fan head ward ward ward ward ward ward ward wa									
		moui	nting bra	cket.								
		2. Repl	ace cooli	ng fan (b	ench re	epair):						
		a. F	Remove : cover.	screws (4	1) from	he coo	oling fan					
		D. L	 nounting bracket. Replace cooling fan (bench repair): Remove screws (4) from the cooling fan cover. Disconnect cooling fan wiring plug from the back of the fan if plug is present at fan body. Do not attempt to pull the wiring pigtail out of the module. If the original or replacement fan does not have male pins on the fan body, cut wires near old fan body and use a 24 AWG splice connector 									
		r c k t	replacem on the far oody and o connec narness.	ent fan d n body, c use a 24 st new fai	oes not ut wires I AWG n wires	have r near o splice o to exis	nale pin old fan connecto ting	s or				
		c. F	Remove	screws (4	1) from	he coo	oling fan.					
		d. \ s	Vacuum a sink fins a	all dust a and fan c	nd debi over.	is from	the hea	t				
		e.F a r	Replace o airflow dir module.	cooling fa rection sh	an and i nould be	easser e towar	nble. Fa ds the	an				
		WARNIN breakag performi at least 2 Failure t injury. H in case o of bulb a within S CAUTIO touch bu cotton g will caus	IG: To pri e, wear p ing this p 20 minut o compl Have lead of bulb b accordin afety Da N: To pri ulb with ploves. E se bulb t	revent in protectiv procedu es for bu y may re ther glov reakage g to inst ta Sheet event bu anything Body oil, o burst v	ijury in re eye v re. Bu ulb to c esult in res nea . Hanc ruction ulb brea g other tiny gi when il	case of vear w b is ho ool do perso rby fo le and s cont kage, than th ains o umina	of bulb hen ot. Allow own. nal r cleanu dispos tained do not nin f dirt eto ition	v p e				

U.S. Postal	Service						1[DENTIFICAT	ΓION					
Maintenance	Check	list	WORK CODE		EQU ACI	IPMEN ⁻ RONYM	T		CL	ASS ODE	NL	IMBE	R	TYPE
			0 3	A P	P S				Α	Α	0	0	1	М
Equipment Nomenclature Automated Packa Syste	e ge Proc m	essing	Equipme	nt Model				Bulletin File mm ²	ename 15109		Occurre	ence eC	BM	
Part or	Item		Task	Statement	and Inst	uction			Est	Min		Thre	shold	s
Component	No	(Comply wi	th all currer	nt safetv	nrecauti	ion	e)	Time	Skill	Run	Dio	COS	Fred
Component			comply w		li baloty	probudu			Req	Lev	Hours	Fe	ed	rieq.
									(min)	LOV		(00	00)	
IMAGE AARS: RIGHT	161	 Repla repla MS-2 Bulb a. L b. L f c. F a 4. Labe repla 5. Rein bracl step 6. Perfor (Star instru It is recconstruction Gain Tal Replace perform 	ace Illun acement 202, Vol. Joosen of module. Joosen h for bulb r Replace and reas el unit ho acement. stall the ket, reins 1. form Gair ndalone uctions a ommend ble porti Illumina	nination N instructio B, Section corner scalass fram nex screw removal. bulb (nut semble. bulb (nut se	Module ons are on 6.6. rews (2 e of the / to pive o away h date onto the e screv alibratic le Cali ed in M 2 perso is task dule F istmen	Bulb. locate 2, titled 2,	Ded d d d d d op ina on b a b a b a b a b a b a b a b a b a b a	etailed in the Sodium en front ation nounting dector) and Fan ng ved in e camera 4-11). Form the Bulb and	100	09				104
ILLUMINATION SIDE 2		WARNIN cool bef Illumina	IG: Allo ore perf tion Mod	w suffici forming s dule.	ent tim service	e for l on th	laı ne	mps to						
		NOTE: It perform t necessity performin	is recor the Gain of reloo ng the ca	mmendeo Table Ac cating the alibration	l that tv djustme monite	vo pers ent to a or while	so av e	ons oid the						
		1. Rem the for side) mour	ove the our sock attachir nting bra	Illuminati et head ong the Illu acket.	on Moo cap scr minatio	dule by ews (2 on Moo	/r 2 o du	emoving on each le to the						
		2. Repl	ace cool	ling fan (l	pench r	epair):								
		a. F	Remove cover.	screws (4) from	the co	00	ling fan						

U.S. Postal S	Service						I	DENTIFIC	ATION					
Maintenance	Checkl	ist	WORK CODE		E /	QUIP	MENT NYM		CI C	LASS ODE	NU	IMBE	R	TYPE
			0 3	A P	Ρ	S			Α	Α	0	0	1	М
Equipment Nomenclature	9		Equipmer	nt Model	1	1	I	Bulletin F	ilename	- <u>-</u>	Occurre	ence		
Automated Packa	ge Proc	essing						mr	n15109			еC	ВM	
Syster	m													
Part or	Item		Task	Statement	and I	nstruc	tion		Est.	Min.		Three	shold	s
Component	No	(Comply wit	h all curre	nt safe	-tv nre	cautio	ns)	Time	Skill	Run	Dio	000	Freq
Component		(Comply with		n our	by pro	Jouunoi	10)	Req	Lev	Hours	Fe	ed	rieq.
									(11111)			(00)0)	
		b. 1 b. 1 c. 1 d. 3 e. 1 breakag perform at least Failure t injury. 1 in case of bulb a within S CAUTIO touch bu cotton g will caus module 3. Repl module 3. Repl Bulb a. 1 b. 1	Disconne the back body. Do pigtail ou replacem on the fai body and to connec harness. Remove Vacuum a sink fins a Replace airflow di module. NG: To p ge, wear p ing this 20 minut to comple Have lea of bulb to accordin bafety Da Discordin to comple Have lea of bulb to accordin to comple Have lea to comple Have	ect coolin of the fa o not atter t of the n nent fan co l use a 2 ct new fa screws (all dust a and fan co cooling f rection s revent in protectiv procedu tes for b ly may n ther glo oreakage g to ins ta Shee revent bu anything Body oil to burst d on. nination N instructio B, Secti corner sc ass fram	g far n if p empt does cut w 4 AV and c cover and c cover an an a hould b truc t truc t truc t truc t t ulb b c s ulb b c s t t s u t b c s u t b c s u t t c s u t t c s u t t t c s u t t t c s u t t t c s u t t t t c s u t t t c s u t t t c s u t t t u c t t t u c t t t u c t t t u c t t t u c t t u c t t t u c t t t u c t t t u c t t t u c t t t t t t t t t t	n wiri lug i to pu le. I not I ires VG s res to VG s res to VG s res to d be y in c y e w Bulk to ccc t in p nandl tions oreal n illu lle B oreal n illu lle B oreal the i pires pires to ccc t in p nandl tions oreal tion	ng plu s pres ill the f the content of the content	ug from wiring original o nale pins old fan connecto ting oling fan. the hea of bulb hen ot. Allow wm. nal r cleanu dispose cained do not nin f dirt eto tion Detailed in the Sodium pen front ation	n r s r t t an v p s c.				00)	
		C.	Replace	bulb (nul semble.	o aw	ay fr	om re	flector)						

U.S. Postal	Service		IDENTIFICATION												
Maintenance	Checkl	ist	WORK CODE		E	EQUIP ACRC	MENT NYM			CL	ASS ODE	NU	JMBE	ĒR	TYPE
			0 3	A P	Р	S				Α	Α	0	0	1	М
Equipment Nomenclature	Э		Equipme	nt Model		1		E	Bulletin File	ename		Occurre	ence	1 1	
Automated Packag	ge Proc	essing							mm1	15109			eC	СВМ	
Syste	m														
Part or	ltem		Task	Statemen	t and I	Instruc	tion			Est	Min		Thre	eshold	s
Component	No	(Comply wit	th all curre	ont cof	otv pr		ne	•)	Time	Skill	Dun			Frog
Component		e	Comply wi		int Sai	ety pr	scaulio	113	·)	Req	U avi	Hours	F	ed	Fled.
										(min)	Lev		(0	00)	
		4. Labe	el unit ho	using w	ith da	ate of	Bulb	a	nd Fan						
						41			_						
		5. Rein brac	stall the	module stalling t	onto he sc	the i	nount	tin SV	ig ied in						
		step	1.	stannig t	110 00				ou in						
		6. Perfo	orm Gair	n Table (calibr	ation	for th	ne	camera						
		(Star	ndalone	Gain Ta	ble C	Calibr	ation								
		instru	uctions a	are inclu	ded i	n MN	10-09	94-	-11).						
		It is reco	ommend	led that	2 pe	rson	s per	orm the							
		Gain Tal	ble porti	ion of th	nis ta	ısk.									
FEED	162**	Perform	Flicker	Test or	n side	e one	FSD).		10	09	8			
SUBSYSTEM:		WARNIN	IG: Be c	autious	s whe	en w	orking	around							
MODULES IN FEED		or on eq	luipmen	t when	powe	er ha	s bee	n							
SYSTEM) SIDE 1		applied.													
		1. Cheo	ck FSD p	photoey	es for	dam	age.								
		2. Verif prop be ai	y SX-4-1 er reflect imed at t	l photoe tors. Th the top r	eyes a le up reflec	are a per p tor a	med a hotoe nd the	at eye e lo	the is to ower						
		phot	oeye is t	o be ain	ned a	t the	lower	r r	eflector.						
		3. Ensu secu	ure that p ire.	ohotoeye	e moi	untin	g haro	dw	/are is						
		4. At th Macl Sect	e SMS, hine Stat ion in Ma	using th tes men aintenar	e Ma u put ice M	inten the S lode.	ance Side 1	- (1 F	Set SD						
		5. Perfo for fa mou	orm phot alse trigg nting har	toeye fliq jering du rdware,	cker o le to conve	diagn loose eyor	ostic e phot belting	to toe g,	check eye etc.						
		a. 1 I	Menu ite Diagnos	m Main tics - D	Syste agno	n tics									
		b. E	Expand S Subsyst Test.	Side 1 a em - Ge	nd ch enera	noose I I Te s	e FSD st - Pł	oto Eye							
		6. Corro orde	ect issue r and no	es or gei tify Sup	nerato erviso	e cor or as	rective neces	e v ss	work ary.						
FEED	163**	Perform	Flicker	Test or	n side	e two	FSD		10	09	8				

MMO-1	31-16

U.S. Postal	Service					I	DENTIFICA	ΓΙΟΝ			2	
Maintenance	Checkl	ist	WORK CODE		EQUIF ACR0	MENT DNYM		CL CC	ASS DDE	NU	MBER	TYPE
			0 3	A P	P S			Α	Α	0	0 1	М
Equipment Nomenclature Automated Package	e ae Proc	essina	Equipmer	nt Model	II	II	Bulletin File	ename		Occurre		
Syste	m	5						10103			CODIN	
Part or	Item		Task \$	Statement	and Instru	ction		Est.	Min.		Threshol	ds
Component	No	(Comply wit	h all curren	nt safety pr	ecautior	ns)	Time	Skill	Run	Pieces	Freq.
								Req (min)	Lev	Hours	Fed (000)	
SUBSYSTEM: PHOTOEYES (ALL MODULES IN FEED		WARNIN or on ec applied.	NG: Be ca luipment	autious t when p	when w ower ha	orking Is bee	g around n					
SYSTEM) SIDE 2		1. Che	ck FSD p	hotoeyes	s for dan	nage.						
		2. Veril prop be a phot	fy SX-4-1 er reflect imed at tl oeye is to	photoey ors. The he top re b be aime	es are a upper p flector a d at the	imed a photoe nd the lower	at the ye is to lower reflector.					
		3. Ensi seci	ure that p ire.	hotoeye	mountin	g hard	lware is					
		4. At th Mac Sect	ie SMS, ι hine State ion in Ma	using the es menu aintenanc	Mainter put the ce Mode	iance Side 1	- Set FSD					
		5. Perfe for fa mou	orm photo alse trigge nting hare	oeye flick ering due dware, ce	ker diagr e to loos onveyor	nostic t e phote belting	to check oeye g, etc.					
		a. I	Menu iter Diagnost	n Mainte tics - Dir	enance - rected D	Syste	em stics					
		b.	Expand S Subsyste Test.	Side 2 an em - Ger	d choos neral Te	e FSD st - Ph	ioto Eye					
		6. Corr orde	ect issue r and not	s or gene ify Super	erate co rvisor as	rective neces	e work ssary.					
INDUCTION SUBSYSTEM:	164**	Perform (4).	Flicker	Test on :	side on	e Indu	ct Lanes	9	09	8		
INDUCT SIDE 1		WARNIN or on ec applied.	NG: Be ca juipment	autious t when p	when w ower ha	orking Is bee	g around n					
		1. Che	ck photoe	eyes for l	oosenes	s or d	amage.					
		2. At th Mac Sect	ie SMS, τ hine Sta t ion in Ma	using the tes menu iintenan e	Mainter a put the ce Mode	nance Side	- Set 1 Induct					
		3. Perfe for fa mou	orm photo alse triggo nting haro	oeye flick ering due dware, co	ker diagr e to loos onveyor	nostic t e phote beltine	to check oeye g, etc.					
		a.	Select Ma Diagnost	aintenan tics - Dir	ce - Sys ected D	stem iagno	stics					

U.S. Postal	Service						ID	DENTIFICAT	ION					
Maintenance	Check	list	WORK CODE		EQL ACI	IPMEN ⁻ RONYM	T		CL CC	ASS ODE	NL	IMBE	R	TYPE
			0 3	A P	P S				Α	A	0	0	1	М
Equipment Nomenclatur	e de Proc	essina	Equipme	nt Model				Bulletin File	name		Occurre	ence	BM	
Syste	em	Jocomig							10100			00		
Part or	Item		Task	Statement	and Inst	uction			Est.	Min.		Thre	shold	s
Component	No	(Comply with	th all currer	nt safety	precauti	ion	s)	Time Reg	Skill	Run	Pie	ces	Freq.
									(min)	Lev	Tiours	(00	00)	
INDUCTION SUBSYSTEM: PHOTOEYES - INDUCT SIDE 2	165**	b. 1 c. 0 d. 7 d. 7 f. 1 f. 1 f. 1 f. 1 f. 1 f. 1 f. 1 f. 1	Expand S Inductio Test. Choose t click Star Allow the click Stor Expected no blocka Repeat for expand the flicker tes iew flicker ective acc ne SMS, i hine Stat tion in Of rect issue or and no Flicker NG: Be c quipmen ck photom hine Stat tion in Ma or photo alse trigg nting har Select M Diagnos Expand S Inductio Test.	Side 1 the n - PEC 1 the induc rt. the induc rt. the induc rt. the induc rt. the induc p Test on the Semi st on the er test rest tion. using the tes menu filine mod es or gene tify Supe Test on t when p eyes for I using the partes menu filine mod es or gene tify Supe Test on t when p eyes for I using the aintenan toeye flick pering due aintenan toeye flick pering due aintenan	en sele Test - I t lane t un for t are all : auto Ind Auto Ia Semi A ults an Mainte erate c rvisor a side tw when y oosend u put the ce Moo conveyc ace fing et to loo onveyc ace - Sy et to sele Test - I	ct Aut PEC F o be te en sec zeroes duction ne to p uto lai d take enance Side orrectivit s nece vo Ind workir nas be ess or enance ess or enance or beltivit ystem Diagnostic Sec F	o o correction o correction correctio	sker and then there are ane then rform the c. ecessary Set Induct awork sary. ct Lanes around n amage. - Set Induct bo check beye , etc. stics. sker	9	09	8			

U.S. Postal	Service						IDENTIFICA	TION				
Maintenance	Check	list	WORK CODE		EQU ACF	PMENT ONYM		CL	ASS DDE	NU	IMBER	TYPE
			0 3	A P	P S			Α	Α	0	0 1	М
Equipment Nomenclature	Э		Equipme	ent Model	<u>ı l</u>	1 1	Bulletin File	ename		Occurre	ence	1
Automated Packa	ge Proc	essing					mm	15109			eCB№	1
Syste	m											
Part or	Item		Task	Statement	and Instr	uction		Est.	Min.		Threshol	ds
Component	No		(Comply w	ith all curre	nt safety p	recautio	ons)	Time	Skill	Run	Pieces	Freq.
-								Req (min)	Lev	Hours	Fed	
								· ,			(000)	
		c. d. e.	Choose click Sta Allow the click Sto Expecte	the induc ort. e test to r op Test. d results	t lane to un for te are all z	be tes en secc eroes	sted then onds then if there are					
		f.	Repeat f expand f flicker te	ages. for each <i>l</i> the Semi st on the	Auto Ind Auto Ia Semi A	uction ne to p uto lan	lane then erform the e.					
		4. Re co	view flicke rrective ac	er test res ction.	sults an	d take i	necessary					
		5. At Ma Se	the SMS, achine Sta ection in O	using the ites menu ffline mod	e Mainte i put the de.	nance Side 2	- Set 2 Induct					
		6. Co ore	orrect issue der and no	es or gen otify Supe	erate co rvisor a	orrectiv s nece	e work ssary.					
SORTER	166**	Perfor	m Sorter	Photoey	e Flicke	er Test		15	09	8		
SUBSYSTEM: PHOTOEYES		WARN or on applie	llNG: Be d equipmer d.	cautious nt when p	when v bower h	vorking as bee	g around en					
		1. At Ma Su	the SMS, achine St a bsystem i	using the ates men n Mainte	e Mainte u put th nance l	e nance e Sorte Mode.	e - Set er					
		2. Pe for mo	rform pho false trigg punting ha	toeye flic gering du rdware, c	ker diag e to loo: conveyo	nostic se phot r beltin	to check toeye g, etc.					
		a.	Select N Diagnos	laintenar stics – So	nce - Di orter.	rected						
		b.	Select S PEC Tes PECs Te Tool to unblocke	orter Co st, and th ool and th verify the ed and fu	ntroller en exec ne Rece se phote nctional	Subsy tute the nterin beyes a	ystem - e Rework g PECs are					
		C.	Under th Test - D	ne menu f irected F	PEC Te licker 1	st seleo 'est .	ct Sorter					
		d.	Set the r	number o	f laps to	three	then Start					

U.S. Postal	Service								IDENTIFICA	TION					
Maintenance	Check	list	WORK CODE			E	QUIP	MENT NYM		CL	LASS ODE	NU	JMBE	R	TYPE
			0 3	A	Р	Ρ	S			Α	Α	0	0	1	М
Equipment Nomenclature	е		Equipme	nt M	lodel			1	Bulletin File	ename	<u> </u>	Occurre	ence		
Automated Packag	ge Proc	cessing							mm	15109			eC	BM	
Syste	m														
Part or	Item		Task	Stat	ement	and I	nstruc	tion		Est.	Min.		Thre	shold	s
Component	No	(Comply wi	th al	l currer	nt safe	ety pro	ecautio	ns)	Time	Skill	Run	Pie	eces	Freq.
										Req (min)	Lev	Hours	F	ed	
										()			(0	00)	
		-	Test.												
		e.	The sorte	er w	/ill sta	rt an	nd me	ove fo	or three						
		I	laps ther	ı sto	op. C	ells	whic	h bloc	k						
			photoeye	es n	vill be	disp	laye	d in th	ne report.						
		3. Revi corre	iew flicke ective ac	er te tion	est res 1.	ults	and	take r	necessary						
		4. At th	e SMS.	usir	ng the	Mai	inter	nance	- Set						
		Мас	hine Sta	tes	men	u pu	t the	Sorte	er						
		Sub	system ir	ו O f	ffline	Mod	le.								
		5. Corr	ect issue	es o	r gen	e cor	e work								
		orde	order and notify Supervisor as necessary.						ssary.						
AARS/DCS	166.1**	*Check L	.aser Co	ition ·			3	10	300	13	350				
TUNNEL: LASER		Evaluate	e TLDI ar	nd S	SLDI d	cond	ition	All la	asers mav						
CONDITION SIDE 1		be viewe desktop	ed from c shortcut	ne	locati	on c	lickir	ig the	correct						
		NOTE: F	Refer to I	MM	0-077	7-11	APP	S Dat	ta						
		Collectio	n Subsy	ster	m (DC	CS) L	ase	-							
		Troubles informati	shooting ion.	Info	ormati	on fo	or ad	dition	al						
		1. Log	onto DC	s s	econ	dary	Corr	nputer	as M2.				JMBER 0 1 ence eCBM Thresholds Fed (000) 1350		
		2. Click	on the o	des	ktop s	short	cuts	to vie	w Side 1						
		TLD using	I and Sic g Fullfrar	le 1 nev	SLD /iew.	llase	er ca	mera	images						
		3. Obs	erve the	bac	kgrou	und o	of the	e imag	ge and the						
		brigh	ntness of	the	lase	r line	e. Th	e bac	kground						
		shou	uid be bla	ack	to da	rk pu karo	irple.	Ast	he						
		trans	sition to b	oria	ht pin	k, re	sulti	ng in	auualiy						
		perfo	ormance	de	grada	tion.	lf th	ie car	nera						
		back	ground i	s p	urple/	pink	and	singu	lation or					MBER 0 1 Ince eCBM Pieces Fed (000) 1350	
		cam	era for re	mar epla	ice is iceme	ueg ent	iade	u, scr	ieuule (Ne						
			arva tha	- P 10	or line	in H	ha in	1909	The lasor						
		line :	should b	e bi	right a	and c	risp.	If the	e laser						
		line	appears	diff	use o	r ver	y din	n, clea	an &						
		insp	ect the la	aser	refer	ence	e pla	te and	d perform						
		rema	ains pool	au0 1, S0	n. II chedu	le th	e las	er for	iornance						

U.S. Postal Service			IDENTIFICATION										
Maintenance Checklist			WORK CODE		CL CC	ASS DDE	NU	TYPE					
	0 3	A P	P S				Α	Α	0	0 1	М		
Equipment Nomenclature	Equipmer	nt Model	I		Bulle	tin File	name	•	Occurre	nce			
System								mm1	5109			eCBN	Л
Dort ar	ltore		Teals	Stators	ممط المحفيين	otion		1	E at	Mire		Threek	Ida
Part or	No		l ask : Comply with		ction	Est. Time	Skill	Dun	Inresho	Ids			
Component										Lev	Hours	Fed	Fleq.
					((()))			(000)					
		replacement.											
		5. Clos	5 Close the Fullframeview window										
		6. Log	$6 I og off of the computer by pressing Ctrl-\Deltalt-$										
		Del a	and then	selecting	Log Of								
		7. Corre	ect issue	s or gene	erate co	k							
		orde	r and not	visor as	•								
AARS/DCS TUNNEL: LASER CONDITION SIDE 2	166.2**	*Check L	aser Coi	ndition -	Side 2				3	10	300	1350	
		Evaluate	TLDI an	d SLDI c	ondition	. All la	asers	may					
		pe viewed from one location clicking the correct desktop shortcut.											
		NOTE: Refer to MMO-077-11. APPS Data											
		Collection Subsystem (DCS) Laser											
		Troubleshooting Information for additional information.											
		1. Log	1. Log onto DCS Secondary Computer as M2.										
		2. Click	2. Click on the desktop shortcuts to view Side 2										
		TLDI	and Side	e 2 SLDI	laser ca	amera	imag	es					
		3 Obse	arve the h	neview.	nd of th	e imao	a an	d tha					
		brigh	itness of	the laser	line. T	he bac	kgrou	und					
		shou	ld be bla	ck to dar	k purple	. As ti	he adua	llv					
		trans	sition to b	right pinl	kground k, result	ing in	auua	пу					
		perfo	ormance of	degradat	ion. If t	he can	nera	or					
		typin	g perforn	round is purple/pink and singulation or performance is degraded, schedule the									
		came	era for re	placeme	nt.								
		4. Obse	erve the l	aser line	in the in	nage.	The	laser					
		line	appears o	diffuse or	very di	n, clea	an &	*1					
		inspe	ect the la	ser refer	ence pla	ite and	l perf	orm					
		rema	ins poor,	, schedul	e the la	ser for		ance					
		repla	cement.										
		5. Clos	e the Fullframeview window.										
		6. Log (Del a	off of the and then	compute selecting	er by pre J Log Of	ssing f.	Ctrl-/	Alt-					
		7. Corre	ect issue	s or gene	erate co	rrective	e wor	k					

U.S. Postal Service												
Maintenance Checklist			WORK CODE		EQ AC	UIPMENT CRONYM		CL C	ASS ODE	NU	MBER	TYPE
			0 3	A P	P	S		Α	Α	0	0 1	М
Equipment Nomenclature Automated Package Processing System			Equipme	nt Model			Bulletin Fi mm	ename 15109		Occurre	eCBM	
Part or	Item		Task	Statement	and Ins	truction		Est.	Min.		Threshold	ls
Component	nt			th all currer	nt safety	/ precautio	Time	Skill	Run	Pieces	Freq.	
					-	-	Req (min)	Lev	Hours	Fed (000)		
		orde	r and not	tify Supe	rvisor	as nece	ssary.					
APPS SYSTEM:	166.3	Computer Fan & UPS Check on side one.							07			2
1		wARNIN or on eq applied. clothing caught i Use a fla following operation fans). Al	IG: Be c juipment Take p , tools, a n movin ushlight to enclosu n (case fa ll comput	autious t when p recautio and test g parts. o check a res to ve ans, pow ter CPU	when power ns to equip all com- erify co- ver sup fans a pt for a	working has bee prevent oment fro poling far oply fans re visible	g around n hair, om being n the and CPU from the					
		SAIS wh	ich are v	iewable	from th							
		Verify the each end indication	e Uninter closure d ns.	ruptible oes not s	Power show a							
		The cent indicating										
		The three scale), C Battery F be lit. If be replac will flash battery w UPS.	e fault lig on Batter Fail (batter the Batter ced. The if the ba varning ti	hts Over y (battery ery symb ery Fail L e Battery ttery leve me for th	rload (y with ol with ED is Charg el falls ne loac	t						
UPS batteries are locally purchased items d shelf life.												
		1. Supe	I. Supervisor's Platform									
		2. Imag	je Servei	r Enclosu	ure							
		3. IP E	 IP Enclosure 1 (IP1 & IP2) IP Enclosure 2 (Single Sided, only AMD computer. Dual Sided, IP3 and 4) 									
		4. IP Ei com										
		5. Sem	i-Auto In	duct Enc	losure	9						
		6. FSD	/DCS En	closure								
		7. Imag	je Captu	re Enclos	sure							

U.S. Postal Service			IDENTIFICATION													
Maintenance Checklist			WORKEQUIPMENTCLASSCODEACRONYMCODE							NL	IMBE	R	TYPE			
			0 3	Α	Ρ	Ρ	S				Α	Α	0	0	1	М
Equipment Nomenclature	Equipme	ent Mod	el					Bulletin File	ename		Occurre	ence	1			
Automated Package Processing System			mm [.]							15109		eCBM				
Oyste																
Part or	Item		Task Statement and Instruction								Est.	Min.	Thresholds			s
Component	INU	(0	Comply wi	ith all cι	Irren	t safe	ety pre	ecautio	ons	s)	Time Rea	Skill Lev	Run	Pieces		Freq.
											(min)		Hours	(00	ea 20)	
	-												-	(-	/	
		Generate Supervis	e correct or as ne	tive wo cessa	ork o rv.	orde	r and	d noti	ify	1						
APPS SYSTEM	166 4	Comput	er Fan 8		Ch	eck	on	side f	tw	/0.	5	07				2
COMPUTERS SIDE	100.1					who		rkin	~	around	Ŭ	01				-
2		or on equipment when power has been														
		applied.	Take p	recau	tion	ns to	o pre	vent	t h	nair,						
	clothing, tools, and test equipment from being															
			lse a flashlight to check all computers in the													
	Use a flashlight to check all computers in the following enclosures to verify cooling fan									uie						
		operation	operation (case fans, power supply fans and CPL													
		rear of th	tans). All computer CPU fans are visible from the rear of the computer except for the AMD and													
		SAIS wh	SAIS which are viewable from the front. /erify the Uninterruptible Power Supply (UPS) in													
		Verify the														
		each enc indicatior	each enclosure does not show any fault ndications.													
		The cent indicating	The center sine wave LED should be lit green ndicating good supply power.													
		The three	he three fault lights Overload (unbalanced													
		scale), O Battery E	scale), On Battery (battery with sine wave), or							e), or						
		be lit. If the Battery Fail LED is lit the battery mus be replaced. The Battery Charge Graph (far right								ery must						
										(far right)						
		will flash if the battery level falls below the low battery warning time for the load connected to the														
	UPS.															
		UPS batt shelf life.	JPS batteries are locally purchased items due to shelf life.													
		 IP Enclosure 3 (Dual sided only) which houses the AMD computer on a Dual APPS. 														
		2. FSD	2. FSD/DCS Enclosure (Side 2)													
		3. Image Capture Enclosure (Side 2)														
		4. Semi-Auto Induct Enclosure (Side 2)														
		Generate corrective work order and notify Supervisor as necessary.								,						
FEED	167	Monitor	motor a	and ar	arh	ox	temr	erat	ur	re on	15	09	1800	17	100	
SUBSYSTEM:				J.			r									
U.S. Postal	Service					IDENTIFICA	TION									
------------------------	---------	--	--	--	--	---	--	-------	-------------	---------	--------------	-------				
Maintenance	Check	list	WORK CODE		EQU ACF	PMENT CONYM		CL	LASS ODE	NU	MBER	TYPE				
			0 3	A P	P S			Α	Α	0	0 1	М				
Equipment Nomenclature	9		Equipmer	nt Model	I <u> I</u>	- I - I	Bulletin File	ename		Occurre	nce					
Automated Packa	ge Proc	cessing					mm	15109			eCBM					
Syste	m															
Part or	Item		Task	Statement	and Instr	uction		Est.	Min.		Threshold	s				
Component	INO	(Comply wit	h all currer	nt safety	orecautio	ns)	Time	Skill	Run	Pieces	Freq.				
								(min)	Lev	nours	reu (000)					
	I										(000)					
GEARBOXES SIDE		side one	e .													
		WARNIN or on ec applied. that the precauti and test moving	NG: Be c quipment Some c machine ions to p t equipm parts.	autious when p of the fol be run revent h ent from	when w ower h llowing ning. 1 nair, clo n being	vorking as bee tasks ake othing, caugh	g around en require tools, it in									
		1. Usin instr moto conv gain	ig infra-re ument, cl ors and g /eyors. F access:	ed tempe neck the earboxes Remove o	rature r temper s on the covers	neasur ature c follow as requ										
		а.	Load Cor	nveyor (1)											
		b.	Incline Co	onveyor	(1)											
		с.	Dosing a	nd Unsta	cker C	onveyo	r (7)									
		d.	Traffic Co	ontrol Co	nveyor	(6)										
		е.	Delta Wir	ng Aligne	r Conv	eyor (5)									
		f.	Metering	Conveyo	or (4)											
		2. Rein	stall cove	ers as ne	ecessar	y.										
		3. Reco Com prev	ord meas pare cur ious cheo	urement rent resu cks.	s in SN Ilts with	S log b results	oook. 9 from									
		4. Initia com temp and	ate action ponents o perature. notify Su	to inves exhibiting Genera pervisor	tigate a g exces te corre as nec	nd corr sive op ctive w essary.										
FEED SUBSYSTEM:	168	Monitor side two	motor a D.	nd gearl	oox ter	nperat	ure on	15	09	1800	17100					
2		WARNIN or on ec applied. that the precauti and test moving	NG: Be c quipment Some c machine ions to p t equipm parts.	autious when p of the fol be runn revent h ent from	when wower h lowing ning. 1 nair, clo n being	vorking as bee tasks ake othing, caugh	g around en require tools, it in									
		instr	<u>ume</u> nt, cl	neck the	temper	ature c	of the									

|--|

U.S. Postal S	Service						DENTIFICA	ΓΙΟΝ				
Maintenance	Check	list	WORK CODE		EQUII ACR	PMENT DNYM		CL CC	ASS DDE	NU	MBER	TYPE
			0 3	A P	P S			Α	Α	0	0 1	М
Equipment Nomenclature	e Ro Dro		Equipme	nt Model	· I		Bulletin File	ename		Occurre	nce	
Automated Packa	ye 1100 m	Jessing					mm	15109			eCBN	
Dort - T	lt e ine		Teels	State	and linet	otion	•	E ct	Mire		Thrashel	da
Part or	No		Task Comply wit	Statement	and instru	cuon	nc)	Est. Time	Skill	Dun	Diegos	us Frog
Component		(Comply wi	un all currer	it salety p	ecaulio	115)	Req	Lev	Hours	Fed	Freq.
								(11111)			(000)	
		moto conv gain a. I b. I c. I d. ⁻ e. I f. I 2. Rein 3. Reco Com prev 4. Initia com temp and	ors and g reyors. F access: Load Cor Incline C Dosing a Traffic Co Delta Win Metering stall cove ord meas pare cur ious cher ious cher ious cher ponents porature. notify Su	Jearboxes Remove of nveyor (1 onveyor of nd Unsta ontrol Co ng Aligne Conveyo ers as ne surement rent resu cks. n to inves exhibiting Genera upervisor	s on the covers a) (1) acker Co nveyor (er Conve or (4) ecessary s in SMS lts with tigate ar g excess te correc as nece	followi s requ nveyor 6) yor (5) S log b results d corr ive op ctive w ssary.	ng ired to ook. from ect erating ork order					
FEED	169	Monitor	tunnel r	notor an	d gearb	ox ter	nperature	4	09	1800	17100	
SUBSYSTEM:		on side	one.									
1		WARNIN or on eq applied. that the precauti and test moving	NG: Be c juipmen Some c maching ions to p equipm parts.	autious t when p of the fol e be run prevent h nent from	when w power ha llowing ning. Ta nair, clo n being	orking as bee tasks ake thing, caugh	g around n require tools, t in					
		1. Rem	iove gua	rding as I	necessa	ry						
		2. Usin instru moto conv	g infra-re ument, c ors and g veyors.	ed tempe heck the jearboxes	rature m tempera s on the	easure ature o followi	ement f the ng					
		a. /	AARS DO	CX 1-1								
		b. /	AARS DO	CX 1-2								
		c. /	AARS DO	CX 1-3								
		d. /	AARS DO	CX 2-2								
		3. Reco	ord meas	surement	s in SM	S log b	ook.					

U.S. Postal	Service												
Maintenance	Check	list	WORK CODE		EQ A(UIPI CRO	MENT NYM		CL C(ASS ODE	NU	MBER	TYPE
			0 3	A P	Р	S			Α	Α	0	0 1	М
Equipment Nomenclature	9		Equipme	nt Model			ľ	Bulletin File	ename		Occurre	nce	
Automated Packag	ge Proo m	cessing						mm′	15109			eCBM	
Syste													
Part or	Item		Task	Statement	and Ins	struct	ion		Est.	Min.		Threshold	s
Component	INO	(Comply wit	th all currer	nt safet	y pre	cautior	ns)	Time	Skill	Run	Pieces	Freq.
									(min)	Lev	Hours	rea	
FEED SUBSYSTEM: GEARBOXES SIDE 2	170	4. Repl 5. Initia com temp and Monitor on side WARNIN or on eq applied. that the precauti and test moving 1. Rem 2. Usin instru- moto conv a. / b. / d. / 3. Reco Com prev 4. Repl	pare cur ious che ace any ponents perature. notify Su tunnel r two. IG: Be c uipmen Some c machine ons to p equipme parts. nove gua g infra-re ument, c ors and g reyors. AARS DO AARS DO AARS DO AARS DO Dord meas pare cur ious che ace any	rent resu cks. removed a to inves exhibiting Genera pervisor motor an autious t when p of the fol e be run orevent h ent from rding as d tempe heck the gearboxes CX 1-1 CX 1-2 CX 1-3 CX 2-2 surement rent resu cks. removed	Its with guar tigate g exce te cor as ne d gea when nower llowir ning. nair, co n bein neces rature temp s on th s in S lts with	th re ding and rect cession rec	esults d corre- ve ope ive we sary. ox ten orking asks hing, augh easure ure of ollowi	from ect erating ork order nperature g around n require tools, t in ement f the ng	4	09	1800	17100	
		5. Initia com temp and	ite action ponents perature. notify Su	n to inves exhibiting Genera ipervisor	tigate g exce te cor as ne	anc essiv rect eces	l corre ve ope ive we sary.	ect erating ork order					
FSD AND INDUCT SUBSYSTEM:	171	Monitor side one	motor a	ind gearl	oox te	emp	eratu	ire on	28	09	1800	17100	
GEARBOXES SIDE		WARNIN	IG: Be c	autious	when	wo	rking	around					

U.S. Postal	Service		IDENTIFICATION WORK EQUIPMENT CLASS NUMBER															
Maintenance	Checkl	list		W C	ORK ODE			E	EQUIP ACRC	MENT NYM	-		CL CC	ASS DDE	N	UMBE	ĒR	TYPE
				CODE ACRONYM 0 3 A P P S Equipment Model Bulleting									Α	Α	0	0	1	М
Equipment Nomenclature				Equ	uipmei	nt M	odel	1		L		Bulletin File	ename		Occurr	ence	1 1	
Automated Packag	ge Proc m	essin	g									mm	15109			e	СВМ	
-		1				_					_		_					
Part or	Item No			<i>(</i> 0	Task	State	ement	and I	nstruc	tion			Est. Time	Min. Skill		Thre	eshold	s
Component				(Com	ply wit	th all	curre	nt saf	ety pro	ecautio	on	s)	Req		Run Hours	Pie F	eces ed	Freq.
													(min)	201		(0	00)	
1		or on appli that t preca and t movi 1.	n e ied the aut tes ing Jsir	quip l. So e mae tions t equ t equ par	uipment when power has been Some of the following tasks require machine be running. Take ons to prevent hair, clothing, tools, equipment from being caught in parts. g infra-red temperature measurement ument, check the temperature of the													
		ir n c re	nst not on equ	rume ors a veyo uired	g infra-red temperature measurement ument, check the temperature of the ors and gearboxes on the following eyors. Remove access covers as ired to gain access:													
		a	l .	90 E Con	Degre veyo	e Ir rs (2	ncline 2)	e anc	l Hig	n Spe	ed							
		b).	Syno DX2	c Mo 2-1 Co	dule onv	e DX1 eyors	1-1 tl s (5)	hrou	gh DX	X 1	I-4 and						
		с		Sho	e Soi	rter	Con	/eyo	r (1)									
		d	I.	Rec	ircula	atior	ר Cor	nvey	or (1))								
		е		Rew	ork (Con	veyo	r (1)										
		f.		Auto Unic	o-Indu badin	uctio g C	on 45 onve	i Deg yers	gree (6)	Load	in	ig and						
		g		Auto	o-Indu	uctio	on Sy	nc C	Conv	eyor	(6	5)						
		h	l .	Sem Con	ni-Aut veyo	to Ir r (1	nduct)	ion F	Rolle	⁻ Tab	le	2						
		i.		Sem (2)	ni-Aut	to Ir	nduct	ion (Codir	ıg Co	bn	veyors						
		j.		Sem	ni-Aut	to Ir	nduct	ion S	Scale	Con	Ve	eyor (1)						
		k		Sem	ni-Aut	to S	synch	roniz	zing(Conv	ej	yor (1)						
		I.		Sem (1)	ni-Aut	to Ir	nduct	ion l	Jnloa	iding	C	Conveyor						
		2. F	Reii	nstal	l cov	ers	as ne	eces	sary.									
		3. F C p	Rec Cor orev	ord i nparo vious	meas e cur s cheo	sure reni cks.	ement t resu	ts in ults v	SMS vith r	log t esults	bc s †	ook. from						
		4. Ir e C	niti xh Ger	ate a ibitin nerat	ous checks. te action to investigate components piting excessive operating temperature. erate corrective work order and notify													

U.S. Postal	Service	IDENTIFICATION											
Maintenance	Check	list	WORK CODE		EQL AC	JIPME RONY	NT M		CL	ASS ODE	NU	MBER	TYPE
			0 3	A P	P S	6			Α	Α	0	0 1	М
Equipment Nomenclature	e		Equipme	nt Model				Bulletin File	ename		Occurre	nce	
Automated Packag	ge Proc	essing						mm	15109			eCBN	/
Syste	m												
Part or	Item		Task	Statement	and Inst	ructior	n		Est.	Min.		Thresho	lds
Component	NO		(Comply wit	th all currer	nt safety	preca	utior	ns)	Time	Skill	Run	Pieces	Freq.
									(min)	Lev	Hours	Fed	
												(000)	
		Sup	ervisor as	s necess	ary.								
FSD AND INDUCT SUBSYSTEM:	172	Monitor side two	[.] motor a o.	nd gearl	oox te	mper	ratu	ire on	28	09	1800	1710)
GEARBOXES SIDE		WARNII or on ec applied that the precaut and tes moving	NG: Be c quipmen . Some c machine ions to p t equipm parts.	autious t when p of the fol e be run prevent h ent from	when ower lowing ning. nair, cl being	work has k g tas Take othir g cau	l around n require tools, t in						
		1. Usir instr mot con requ	ng infra-re rument, c ors and g veyors. F uired to ga	ement f the ng as									
		a.	90 Degre Conveyo	e Incline rs (2)	and H	igh S	Spee	ed					
		b.	Sync Mo DX2-1 Co	dule DX1 onveyors	-1 thro (5)	ough	DX	1-4 and					
		C.	Shoe So	rter Conv	eyor (1)							
		d.	Recircula	tion Con	veyor	(1)							
		e.	Rework (Conveyor	[.] (1)								
		f.	Auto-Indu Unloadin	uction 45 g Convey	Degre /ers (6	e Loa)	adir	ng and					
		g.	Auto-Indu	uction Sy	nc Coi	nveyo	or (6	5)					
		h.	Semi-Aut Conveyo	to Inducti r (1)	on Rol	ler Ta	able	e					
		i.	Semi-Aut (2)	to Inducti	on Co	ding(iveyors						
		i.	Semi-Aut	to Inducti	on Sca	ale Co	onv	evor (1)					
		k.	Semi-Au	to Svnch	onizin	a Co	nve	vor (1)					
		I.	Semi-Aut (1)	to Inducti	on Unl	oadir	ng (Conveyor					
		2. Reir	nstall cov	ers as ne	cessa	rv.							
		3. Rec	ord meas	urement	s in SM	, NS In	a h	ook					
		Con	npare cur	rent resu	Its with	n resi	ults	from					

U.S. Postal S	Service		IDENTIFICATION WORK EQUIPMENT CLASS														
Maintenance	Check	list	st WORK EQUIPMENT CODE ACRONYM									CL CC	ASS DDE	NU	MBE	R	TYPE
				0 3 A P P S Equipment Model Bullet								Α	Α	0	0	1	М
Equipment Nomenclature	, _			Equipme	ent N	Nodel			1		Bulletin File	ename	<u> </u>	Occurre	ence		
Automated Packa	ge Proo m	cess	ing								mm′	15109			eC	СВМ	
Oyster	111																
Part or	Item			Task	Sta	atement	and	Instruc	tion			Est.	Min.		Thre	shold	s
Component	110		((Comply wi	ith a	all curre	nt saf	ety pr	ecautio	ns	5)	l ime Req	Skill	Run	Pie	eces	Freq.
												(min)	Lev	TIOUIS	(0	eu 00)	
		-											1				
			prev	vious che	ck	S.											
		4.	Initia	ate actior	n to	inves	stiga	te co	mpon	e	nts						
			Gen	ierate co	rre	ctive v	open vork	aung orde	r and	er n	otifv						
			Sup	ervisor a	s n	ecess	ary.				,						
POWER AND	173	Мо	nitor	compo	ner	nt tem	pera	ature	on s	id	le one.	50	09	1800	17	100	
CONTROL: POWER		WA	RNII	NG: Be d	cau	itious	whe	en w	orkind	a i	around						
CABINETS SIDE 1		or	on eo	quipmen	/hen	oow	er ha	s bee	1								
		ap	olied														
		WA	RNI	NG: Step	conta	in ti	nis bu	letin									
		req	luire	the use	of =\	Perso	onal r to i	Prot	ective	e nt							
		Ele	ctric	al Work	-). Pla	an (El	NP)	MMC) for								
		apj	oropi	riate PPE	Εa	nd ba	rrica	ade r	equir	e	ments.						
		1.	Don barr Elec	the applicates as	rop s re ork	riate E equire Plan (EWP d by EW	PPE the (P) MI	and curren	se nt	et up						
		2.	Ope	n cabine	et d	oor		. ,									
		3.	Usir	ng infra-re	ed	tempe	eratu	re m	easure	er	ment						
			instr	rument, c	he	ck the	tem	pera	ture o	of							
			com the t	followina	tor ca	binets	ation s:	IS OT I	not sp	00	ts inside						
			a.	Power F	act	or Co	ntrol	Cab	inet (F	۶F	FC)						
			b.	Operator	r C	ontrol	Cab	inets	(000	C))						
			C.	Unloade (UDCC)	r D	istribu	ted	Cont	ol Ca	abi	inets						
			d.	Feed Singulation Distribution Main Contro Cabinets (FSD-MCC)													
			e.	Feed Sir Control (ngu Cal	lation binets	Dist (FSI	ributi D-DC	on Dis C)	st	ributed						
			f.	Automat (ADCC)	ic [Distrib	uted	Con	trol Ca	at	oinets						
			g.	Discrete Cabinets	Di: s (E	stribut)DSS)	ed S	Sourc	e of S	Su	pply						
			h.	Inductior	lain C	ol Ca	binets	IMCC)									
			i.	Semi-Au	Itor	natic [Distri	ibute	d Con	ntr	ol						

U.S. Postal	Service						I	DENTIFICA	TION				
Maintenance	Check	list	WORK CODE		[EQUIF ACRC	MENT NYM		CL	ASS ODE	NU	MBER	TYPE
			0 3	AI	P	S			Α	Α	0	0 1	М
Equipment Nomenclature	e		Equipme	nt Mode				Bulletin File	ename		Occurre	nce	
Automated Packag	ge Proo m	cessing						mm	15109			eCBN	
Oyste	111												
Part or	Item No		Task	Stateme	ent and	Instruc	tion		Est.	Min.		Threshol	ds
Component	110		(Comply wi	th all cur	rent sa	fety pr	ecautio	ns)	Time Reg	Skill	Run Hours	Pieces Fed	Freq.
									(min)	Lev	Tiours	(000)	
			<u> </u>	(0.4.5.							1	(000)	
			Cabinets	(SAD	3C)								
		j.	Sorter M	ain Co	ntrol C	Cabin	et (SM	ICC)					
		k.	Ground ((GCPU)	Central	Proce	essin	g Unit	Cabinets					
		I.	70 VDC	Power	Suppl	ly Ca	oinets						
		4. Clo	se cabine	t door									
		5. Dof	f EWP PF	PE.									
		6. Rec	cord meas	sureme	ents in	SMS	ook.						
		Cor prev	npare cur vious che	rent re cks.	sults	with r	from						
		7. Initi	ate actior	to inv	estiga	ite an	d corr	ect					
		tem	perature.	Gene	ing ex rate c	cess	ve op tive w	erating ork order					
		and	notify Su	pervis	or as i	neces	sary.						
	174	Monito	r compor	nent te	mper	ature	on s	ide two.	50	09	1800	17100	
CABINETS SIDE 2		WARNI or on e applied	NG: Be c quipmen I.	autiou t wher	is wh i pow	en w er ha	orking s bee	g around n					
		WARNI require Equipm Electric approp	NG: Step the use nent (PPE cal Work riate PPE	os cont of Pers E). Ref Plan (I E and I	tainec sonal fer to EWP) parric	d in tl Prot the c MMC ade r	nis bu ective urren) for equire	illetin e t ements.					
		1. Dor barı Elec	n the appr ricades as ctrical Wo	opriate s requi ork Plar	e EWF red by n (EW	PPE the (P) M	and sourren	set up t					
		2. Ope	en cabine	t door									
		3. Usii inst com the	ng infra-re rument, c ponents following	ed tem heck tl for ind cabine	peratu ne ten catior ets:	ire m npera ns of l	ement f ots inside						
		a.	Power Fa	actor C	ontrol	l Cab	net (F	PFC)					
		b.	Operator	Contro	ol Cab	oinets	(000	C)					
		C.	Unloader (UDCC)	⁻ Distril	outed	Cont	ol Ca	binets					
		d.	Feed Sin	qulatic	n Dist	tributi	on Ma	ain Control					

|--|

U.S. Postal S	Service				IFICAT	ION			-					
Maintenance	Check	list	t WORK EQUIPMENT CODE ACRONYM 0 3 A P P S								ASS DDE	NUI	MBER	TYPE
				0 3	A P	P S			Α	Α	0	0 1	М	
Equipment Nomenclature) no Dres		na	Equipmer	nt Model			Bulle	etin File	name	<u> </u>	Occurre	nce	
Automated Packa	ye Proc m	Jessi	ng						mm1	5109			eCBM	
	14			· •	24	مرمع المرموم	ati a w		1	E et	N.41		Thursday	
Part or	Item No		,	l ask : Comply wit		and Instru	ction	20)		Est. Time	Min. Skill	Dur	I hreshold	S Franci
Component			(Comply wit		nt salety pr	ecaution	ns)		Req (min)	Lev	Run Hours	Fed	⊢req.
										()			(000)	
				Cabinets	(FSD-M	CC)								
			e.	Feed Sing Control C	gulation abinets	Distribut (FSD-DC	ion Dis CC)	ted						
			f.	Automatio (ADCC)	c Distrib	uted Con	trol Ca	ts						
			g.	Discrete I Cabinets	Distribut (DDSS)	ed Sourc	e of S	/						
			h.	Induction	Main Co	ontrol Ca	binets	(IMC	C)					
			i.	Semi-Aut Cabinets	omatic [(SADC0	Distribute C)	d Con	trol						
			j.	Sorter Ma	ain Conti	rol Cabin	et (SN	1CC)						
			k.	Ground C (GCPU)	entral P	rocessin	g Unit	Cabi	nets					
			I. '	70 VDC F	Power Si	upply Ca	binets							
		4.	Clos	e cabine	t door	,								
		5.	Doff	EWP PP	E.									
		6.	Rec Corr	ord meas	urement	ts in SMS ults with r	6 log b esults	ook. from	1					
			prev	vious cheo	cks.									
		7.	Initia com temp and	ate action ponents e perature. notify Su	to inves exhibiting Genera pervisor	stigate ar g excess ite correct as neces	d corre ive ope tive we ssary.	ect eratir ork o	ng rder					
FEED SUBSYSTEM: ALL	175	Mor nois	nitor se oi	^r conveyc n side on	or comp ie.	onents	or exc	cessi	ive	15	09	1800	17100	
CONVEYORS SIDE		WA	RNI	NG: Be c	autious	when w	orkind	und						
1		or o	on ec	quipment	when p	power ha	is bee	ana						
		app	lied.	. Some c machine	of the fo	llowing ning Ta	tasks i ake	requ	ire					
		pred	caut	ions to p	revent l	hair, clot	hing,	tools	5,					
		and mov	l test vina	t equipm parts.	ent fron	n being (caugh	t in						
		1.	Usin chec	ng ultra-so	onic mea tors and	asuremer gearbox	nt instruction	nt,						
			requ	wing conv ired to as	veyors. ain acces	Remove	covers	ร สร						

U.S. Postal	Service	IDENTIFICATION													
Maintenance	Check	list	WORK CODE			EC A	QUIP	MENT NYM		CL	ASS ODE	NU	MBE	R	TYPE
			0 3	А	Ρ	Ρ	S			Α	Α	0	0	1	М
Equipment Nomenclature Automated Packa Syste	e ge Proc m	essing	Equipme	nt Mo	odel				Bulletin Fil mm	^{ename} 15109		Occurre	ence eC	BM	
Part or	Item		Task	State	ment a	and In	struc	tion		Est.	Min.		Thre	shold	S
Component	No	(Comply wit	th all o	current	t safet	ty pre	cautio	ns)	Time	Skill	Run	Pie	eces	Freq.
										Req (min)	Lev	Hours	F (0	ed 00)	
FEED SUBSYSTEM: ALL CONVEYORS SIDE 2	176	a. L b. I c. C d e. C f. M 2. Rein 3. Recc Com previ 4. Initia com Gene Supe 4. Initia com previ 4. Initia com f. M ARNIN or on eq applied. that the precauti and test moving 1. Usin chec follov requ a. L b. I c. C follov requ a. L b. I c. C follov requ a. L b. I c. C	Load Cor ncline Co Dosing a Traffic Co Delta Win Metering stall cove ord meas pare cur ious cher te action pare cur ious cher te action conveye n side tw IG: Be c uipmen Some co maching ons to p equipm parts. g ultra-se k the mo wing con ired to ga Load Cor ncline Co Dosing a Traffic Co Dosing a Traffic Co Dosing a traffic Co Dosing a Some co	nvey onve nd U ontro ng A Con ers a surer rent cks. n to in exhill recti s nee or co vo. auti- t wh of th e be or co vo. auti- t wh of th e be or co vo. auti- t wh of th e be or co vo. auti- t wh on co vo. auti- t wh on co vo. auti- t wh on co vo. auti- t on a co vo. auti- t on a co vo. auti- co vo. auti- co co co vo. auti- co co co co co co co co co co co co co	vor (1) eyor (Jinstac ol Cor ligner nveyo as nec ments resul nvest biting ive wo cessa ompo ous v e foll runn from meas and g ors. F access vor (1) eyor (Jinstac ol Cor ligner nut from meas and g ors. F access vor (1) eyor (Jinstac ol Cor and g ors. F access vor (1) eyor (Jinstac ol Cor and g ors. F access vor (1) eyor (Jinstac ol Cor ligner nut from) 1) cker r Cor r (4) cess s in S igate exco ork o ary. Dnen wher over lowin ing. air , o beir surer gear s:) 1) cker r (4) cess in S igate exco ork o ary. Dnen wher over igate i	Con or (6 nvey ary. SMS ith re essi order ts f r ha clotil ng t r ha clotil ng t clotil ng t clotil ng t clotil ng t clotil ng c clotil ng c clotil n ne (c c n ne (c c n ne (c c n v (c) n v (c) nv (c) n v (c) n v (c) n (c) c) c (c) n (c) c) c (c) c) c	log b esults d corr ve no and or exc s bee asks hing, augh t instr es on cover	ook. from ect ise. notify cessive g around n require tools, t in ument, the s as	15	09	1800		100	

U.S. Postal S	Service						I	DENTIFIC	CATIO	N					
Maintenance	Check	list	WORK CODE		EC A	QUIPI CRO	MENT NYM			CL CC	ASS DDE	NU	MBER	2	TYPE
			0 3	A P	Ρ	S				А	Α	0	0	1	М
Equipment Nomenclature			Equipmer	nt Model				Bulletin	Filena	me		Occurre	nce		
Automated Packa	ge Proo m	cessing						m	m15′	09			eCE	ЗM	
Oystel	111														
Part or	Item No		Task	Statement	and In	struc	tion		E	st.	Min.		Thres	hold	S
Component		(Comply wit	th all currer	nt safet	ty pre	cautior	ns)	R	me leq	Skill	Run	Piec	es 1	Freq.
									(n	nin)	Lev	nouis	(000))	
											1	1			
		3. Reco Com prev	ipare cur ious cheo	rent resu cks.	s in s Ilts wi	th re	esults	from							
		com	ponents e erate cor	exhibiting rective w	g exce ork o	essi order	ve noi and i	ise. notify							
		Supe	ervisor as	s necess	ary.										
AARS/DCS	177	Monitor	Tunnel	conveyo	or cor	npo	nents	s for		5	09	1800	171	00	
TUNNEL: ALL		excessiv	ve noise	on side	one.										
1		WARNIN	NG: Be c	autious	wher	ı wo	orking	g aroun	d						
		or on eq	Some c	t when p	19WO	r has ng ta	s bee asks	n require							
		that the	machine	e be run	ning.	Ta	ke	ioquiio							
		precauti	ions to p	prevent h	nair, c	clot	ning,	tools,							
		and test moving	parts.	ent from	i deir	ng c	augn	tin							
		1 Rem		rdina as i	neces	ear									
		2 Lloin		nuing as i		non	y Linotri	umont							
		chec the f	k the mo ollowing	otors, gea conveyo	arboxe rs:	es, a	and ro	ollers on							
		a. /	AARS DO	CX 1-1											
		b. /	AARS DO	CX 1-2											
		c. /	AARS DO	CX 1-3											
		d. /	AARS DO	CX 2-1											
		e. /	AARS DO	CX 2-2											
		3. Reco Com prev	ord meas pare cur ious cheo	surement rent resu cks.	s in S Ilts wi	SMS th re	log b esults	ook. from							
		4. Repl	lace any	removed	guar	ding	J								
		5. Initia com Gen Supe	ate action ponents e erate cor ervisor as	to inves exhibiting rective w s necess	tigate g exce vork o ary.	e and essi order	d corre ve noi and i	ect ise. notify							

U.S. Postal	Service							l	DENTIFICA	TION					
Maintenance	Check	list	WORK CODE			EQ A(QUIP CRO	MENT NYM		CL	ASS ODE	NU	MBE	R	TYPE
			0 3	Α	Ρ	Р	S			Α	Α	0	0	1	М
Equipment Nomenclature	e		Equipme	nt Moo	del			•	Bulletin File	ename		Occurre	nce		
Automated Packag	ge Proo m	cessing							mm	15109			еC	BM	
Gyste															
Part or	Item No		Task	Stater	nent a	and Ins	struc	tion		Est.	Min.		Thre	shold	S
Component		(Comply wi	th all c	urren	t safet	y pre	cautio	ns)	Time Req	Skill	Run Hours	Pie Fe	ces ed	Freq.
										(min)	Lev		(00)0)	
AARS/DCS TUNNEL: ALL	178	Monitor excessiv	Tunnel ve noise	conv on s	veyo side	r con two.	npo	nent	s for	5	09	1800	17	100	
2		WARNIN or on applied. that th precauti and tes moving	IG: Be o equipm Some ne mad ons to st equip parts.	caution ent of the chine prevon	ous whe he fo e b vent t fr	when en p ollow e r hair om	n w bow ving runi r, c bei	orkin er h task ning. lothir ng c	ng around has been ts require Take ng, tools, haught in						
		1. Rem	iove gua	rding	as r	neces	sar	у							
		2. Usin chec the f	g ultra-so k the mo ollowing	onic r otors, conv	meas gea reyor	suren rboxe s:	nen es, a	t instr and ro	ument, ollers on						
		a. /	AARS DO	CX 1-	-1										
		b. /	AARS DO	CX 1-	-2										
		c. /	AARS DO	CX 1-	-3										
		d. /	AARS D	CX 2-	-1										
		e. /	AARS DO	CX 2-	-2										
		3. Reco Com prev	ord meas pare cur ious che	suren rent i cks.	nents resul	s in S Its wit	SMS th re	log b esults	ook. from						
		4. Repl	ace any	remo	oved	guar	ding	9							
		5. Initia com Gene Supe	ite action ponents erate cor ervisor as	i to in exhib rectiv s nec	ivest biting ve w essa	igate exce ork o ary.	an essi rde	d corr ve no ⁻ and	ect ise. notify						
	179	Monitor	convey side or	or co	ompo	onen	ts f	or ex	cessive	42	09	1800	17	100	
CONVEYORS SIDE		WARNIN or on eq applied. that the precauti and test moving	NG: Be c Juipmen Some c machine ions to p equipm parts.	autic t whe of the e be preve	ous v en pe e fol runr ent h from	when ower lowir ning. air, c bein	h wa ha ng t Ta loti ng c	orking s bee asks ke ning, augh	g around n require tools, t in						
		chec rolle	k the mo	otors, follo	gea wing	rboxe	es, l vey	bearin bearin	igs, and Remove						

U.S. Postal S	Service									ID	ENTIFICA	TION					
Maintenance	Check	list	V	WORK CODE			E /	QUIP	MENT NYM			CL CC	ASS DDE	NU	JMBE	R	TYPE
			(0 3	А	Ρ	Ρ	S				Α	Α	0	0	1	М
Equipment Nomenclature	;		E	quipme	nt Mo	odel				1	Bulletin File	ename		Occurre	ence		
Automated Packag	ge Proc m	essing									mm	15109			eC	CBM	
Oyster																	
Part or	Item No			Task	State	ement	and li	nstruc	tion			Est.	Min.		Thre	shold	S
Component	110		(Coi	mply wit	th all	currer	nt safe	ety pre	ecautio	ons	3)	l ime Req	SKIII	Run	Pie	eces	Freq.
												(min)	Lev	Tiours	(0	00)	
												1	1				
		cc	vers	as rec	quire	ed to	gain	acco	ess to	D:							
		a.	90 Co	Degre nveyo	e Ir rs (2	ncline 2)	and	Higl	ר Spe	ee	d						
		b.	Sy DX	nc Mo (2-1 Co	dule onvo	e DX1 eyors	-1 tł (5)	nrou	gh DX	(1.	-4 and						
		C.	Sh	oe Soi	rter	Conv	eyor	r (1)									
		d.	Re	circula	atior	n Con	veyo	or (1)	1								
		e.	Re	work (Con	veyor	· (1)										
		f.	Au Un	to-Indu	uctio a C	on 45 onvey	Deg vers	gree (6)	Loadi	inę	g and						
		a	Au	to-Indi	uctio	on Sv	nc C	Conve	evor ((6))						
		g. h	Se	mi_Aut	to Ir	nducti	on F	2011er	· Tahl	(°) Ie	,						
			Co	nveyo	r (1))	onn		Tabl								
		i.	Se (2)	mi-Aut	to Ir	nducti	on C	Codir	ig Col	nv	/eyors						
		j.	Se	mi-Aut	to Ir	nducti	on S	Scale	Conv	ve	eyor (1)						
		k.	Se	mi-Aut	to S	ynchi	roniz	ing (Conve	ey	or (1)						
		I.	Se (1)	mi-Aut	to Ir	nducti	on L	Jnloa	ding	C	onveyor						
		2. R	einsta	all cov	ers	as ne	cess	sarv.									
		3 R	ecord	1 meas		ment	s in i	SWS	log h	20	ok						
		Co pr	ompa eviou	are cur us che	rent cks.	t resu	lts w	/ith r	esults	s fi	rom						
		4. In	tiate	action	ı to i	inves	tigat	e co	npon	ner	nts						
		ex	hibiti	ing exo	cess	sive n	oise	. Ge	enerat	te							
		CC ne	cess	live wo sarv.	ork C	braer	and	notif	y Sup	Je	rvisor as						
FSD AND INDUCT	180	Monit	or co	onveye	or c	omp	onei	nts f	or ex	Ce	essive	42	09	1800	17	100	
CONVEYORS SIDE		M/A DA			.u.	ious	wha	n	vel e i me	~	around						
2		or on	equi	ртеп	aut t wł	ious ien p	OWE	er ha	s bee	y en	around						
		applie	d. S	Some o	of th	ne fol	llow	ing t	asks	re	equire						
		that the	ne ma	achine	e be	eruni	ning Nair	. Ta	ke hina	t/	ools						
		and te	est e	quipm	ent	from	n bei	ing c	augh	nt	in						

U.S. Postal	Service						11	DENTIFICAT	ION				
Maintenance	Checkl	ist	WORK CODE		EQ A(NT M		CL	ASS ODE	NU	MBER	TYPE
			0 3	A P	Р	S			Α	A	0	0 1	М
Equipment Nomenclature	9		Equipme	nt Model	1 1			Bulletin File	name		Occurre	nce	
Automated Packag	ge Proc	essing						mm1	5109			eCBM	
Syste	m												
Part or	ltem		Task	Statement	and Ins	struction	1		Fst	Min		Threshold	ls
Component	No		(Comply wit	th all curre	nt safet		ution	ne)	Time	Skill	Dun	Diegos	Erog
Component			(Comply wi		ni salet	y pieca	ulioi	13)	Req	Jav	Hours	Field	rieq.
									(min)	Lev		(000)	
													· · · ·
		moving	g parts.										
		1. Usi	ing ultra-so	onic mea	suren	nent ir	nstru	ument,					
		roll	ers on the	followin		evors	ann R	gs, and emove					
		COV	ers as rec	quired to	gain a	access	s to:						
		a.	90 Degre Convevo	ee Incline	e and I	High S	spee	ed					
		b.	Sync Mo	dule DX	1-1 thr	ough	DX [,]	1-4 and					
		C.	Shoe So	rter Conv	veyor	(1)							
		d.	Recircula	ation Cor	nveyor	· (1)							
		e.	Rework (Conveyo	r (1)								
		f.	Auto-Indi Unloadin	uction 45 g Conve	o Degr yers (ee Loa 6)	adir	ng and					
		g.	Auto-Ind	uction Sy	/nc Co	onveyo	or (6	6)					
		h.	Semi-Au Conveyo	to Induct r (1)	ion Ro	oller Ta	able	e					
		i.	Semi-Aut	to Induct	ion Co	oding(Con	iveyors					
		i.	Semi-Au	to Induct	ion Sc	ale C	onv	evor (1)					
		k.	Semi-Au	to Synch	roniziı	ng Co	nve	yor (1)					
		I.	Semi-Aut (1)	to Induct	ion Ur	nloadir	ng C	Conveyor					
		2. Rei	install cov	ers as ne	ecessa	arv.					1		
		3 00			te in C	MS In	a h	ook			1		
		Col Col pre	mpare cur vious che	rent resi cks.	ults wit	th resu	ults	from					
		4. Init exh cor nec	iate action hibiting exe rective wo cessary.	n to inves cessive r ork order	tigate noise. and n	comp Gener otify S	one rate Supe	ents ervisor as					
FEED	181	Check	Shoe Sor	rter for e	xcess	sive n	ois	e on side	3	09	1800	8200	
SUBSYSTEM:		one.											
SIDE SURTER		WARN	ING: Be o	cautious	whe	n wor	kin	g around			1		
		or on	equipm	ent wh	ien p	ower	h	as been					

U.S. Postal	Service						ID	ENTIFICAT	ION				
Maintenance	Check	list	WORK CODE		EQUI ACF	PMENT ONYM			CL CC	ASS DDE	NU	MBER	TYPE
			0 3	A P	P S				Α	Α	0	0 1	М
Equipment Nomenclature Automated Packas Syste	e ge Proo m	cessing	Equipmer	nt Model			E	Bulletin File mm1	name 15109		Occurre	^{nce} eCBl	N
Part or	Item		Task	Statement	and Instru	iction			Est.	Min.		Thresh	olds
Component	No	(Comply wit	h all curren	it safety p	recautio	ons	6)	Time	Skill	Run	Pieces	Frea.
									Req (min)	Lev	Hours	Fed (000)	
FED	182	applied. that th precauti and tes moving 1. With runn meas exce noise the A 2. Take and or in shoe 3. Initia Gene	Some ne mac ions to st equip parts. all cover ing, use s surement essive noi e is equa A-weighte be measure observe f creases a sorter co tte correct erate correct erate correct erate correct erate correct	of the f hine k prevent ment fu s in plac sound pr t instrum is from is to or gro d scale. ements a for increat for increat onveyor tive action rective w s necessant ter for e	ollowir pe run hair, rom be e and w essure ent to c Shoe S eater th along le ases in icular se passes on as re ork ord ary.	g task nning. clothin bing c ith sho level heck fo orter. I an 80 c ngth of a partic ection c by. quired. er and	ks ng ca or Ex dB f cul of	s require Take g, tools, iught in sorter conveyor lar area, the otify	3	09	1800	8200	
FEED SUBSYSTEM: SHOE SORTER SIDE 2	182	Check S two. WARNIN or on eq applied. that the precauti and test moving 1. With runn mease the A 2. Take and c shoe 3. Initia Supe	IG: Be ca Juipment Some ca machine ons to parts. all cover ing, use a surement ssive noi e is equa A-weighter creases a e sorter ca te correct erate correct erate correct	autious when p of the fol be runn revent h ent from s in plac sound pr t instrum se from t instrum se from t to or gro ed scale. ements a for increa as a parti onveyor s necessa	when v ower h lowing ning. T hair, clo being e and v essure ent to c Shoe S eater th along le ases in icular se passes on as re ork ord ary.	vorking as bee tasks ake thing, caugh rith sho level heck fo orter. I an 80 o ngth of a partic ection o by. quired.	se ga re tc nti oe cul of	around equire ools, in sorter xcessive 3 using conveyor lar area, the otify	3	09	1800	8200	

U.S. Postal	Service						I	DENTIFICA	TION					
Maintenance	Check	list	WORK CODE		EC A(MENT NYM		CL	LASS ODE	NU	MBER	l	TYPE
			0 3	A P	Р	S			Α	Α	0	0	1	М
Equipment Nomenclature	Э		Equipme	nt Model	11			Bulletin Fil	ename		Occurre	nce		
Automated Package	ge Proc	essing						mm	15109			eCE	ЗM	
Syste	m													
Part or	Item		Task	Statement	and Ins	struct	ion		Est.	Min.		Threst	nold	s
Component	No	(Comply wi	th all currer	nt safet	v pred	cautior	ns)	Time	Skill	Run	Piece	es	Freg
- 1		, ,				51		/	Req	Lev	Hours	Fed	1	
									(mm)			(000))	
SORTER SUBSYSTEM:	183	Check for noise from	or exces om sorte	sive, irre er train.	egula	r, or	' inco	onsistent	10	09	1800	820	0	
ASSEMBLY		WARNIN or on eq applied. that the precauti and test moving	IG: Be c juipmen Some o machino ons to p equipm parts.	autious t when p of the fo e be run prevent h ent from	when oower llowir ning. nair, c n bein	h wo has ng ta Tak loth ng ca	rking bee asks ke iing, augh							
		1. Attao Ultra	ch the wi isound m	de-focus neasuring	cone devi	to tł ce.								
		2. Start	the Sor	ter at full	spee	d.								
		3. With the sorte mea exce for th	all cove Sorter tra er turn ar suremen essive no nree full l	rs and gu hin runnin nd use so ht instrum hise from laps at fu	uards ig, sta ound p ient to Sorte Il spe	in pl ind s oress o che r as ed.	ace a station sure l eck fo it pas	and with nary at a evel or sses by						
		 Usin pers spot reco actic Initia 	g a seco on listen ter for ce rd candio n. te invest	nd emplo ing to the ells of inte date cell tigation a	oyee a train erest. numb nd co	as a sho The ers f	spott uld s spot for co tive a	er, the ignal the tter will prrective action as						
		requ notif	ired. Ge y Superv	enerate co visor as n	orrect ecess	ive v sary.	vork	order and						
AARS, DCS AND	184**	Perform	a Calib	ration Be	ox tes	st on	n side	e one.	45	09				2
FASTSCAN: CALIBRATION BOX SIDE 1		This test dimensic following Calibratic (MMO-0	will verif oning sys the instr on Box C 71-11) us	fy the acc stems and ructions p Operation sing the (curacy d Imag provid Instru Calibr	/ of \ ge C led ir uctio atior	weigh tuality the ons bu Box	nt and y by APPS ulletin ::						
		PSN 676 (DIMS, V FRB2	0-13-00 VEIGHT	0-6804 k , IMAGIN	(IT, C/ IG), M	ALIB IED	BRAT FRB	ION 1 & MED						
		1. Perfo proc AAR	orm the t ess the t S Tunne	tasks liste wo Calib I and Se	ed in I ration mi Au	MMC Box to la	0-071 (es th ine or	-11 to rough the n side 1.						
		NOTE: T	he Sem	i Auto Ind	ductio	n La	ne m	ust be						

U.S. Postal	Service					I	DENTIFICA	ΓΙΟΝ				
Maintenance	Check	list	WORK CODE		EQUIF ACR	PMENT DNYM		CL CC	ASS DDE	NU	MBER	TYPE
			0 3	A P	P S			Α	Α	0	0 1	М
Equipment Nomenclature Automated Packag Syste	e ge Proc m	essing	Equipmer	nt Model			Bulletin File mm	ename 15109		Occurre	nce eCBM	
Part or	ltem		Task S	Statement	and Instru	ction		Fst	Min		Threshold	19
Component	No	(1	Comply with	h all curren	it safety pi	ecaution	าร)	Time Req (min)	Skill Lev	Run Hours	Pieces Fed (000)	Freq.
		started a pause to to any lo roller tab this may discharg 2. Inter then Gene Supe NOTE: In issues m Image Q Adjustme NOTE: In brightnes APPS St	nd the ap prevent cation oth le or bin cause th ed to any pret the r initiate con erate com ervisor as nstruction uality Ins ent using	propriat the boxe ner than with a Ut e boxes or other lo results as orrective rective w s necessans for cor und in MI pection a the Twe	e bins m s from b the Sem ility Car to be da cation. s outline action a ork orde ary. recting i MO-101 aker Too recting i found in able Cal	ust be eing d i Auto . Failu mage d in the as requ er and mage -09 AP ge Fra bl. mage MMO bratio	- placed in ischarged Rework ure to do d if e MMO uired. notify framing PS ming					
AARS, DCS AND	185**	Perform	a Calibr	ation Bo	ox test o	on side	e two.	45	09			2
FASTSCAN: CALIBRATION BOX SIDE 2		This test dimensic following Calibratio (MMO-07 PSN 676 (DIMS, V FRB2 1. Perfo proce AAR NOTE: T started a pause to to any lo roller tab this may discharg 2. Inter then	will verify oning syst the instr- on Box O 71-11) us 60-13-000 VEIGHT, orm the ta ess the tw S Tunnel The Semi nd the ap prevent cation oth le or bin cause th ed to any pret the r initiate c	y the acc tems and uctions p peration ing the 0)-6804 K IMAGIN asks liste wo Calibu and Ser Auto Inco propriat the boxes rethan with a Ut e boxes other lo results as orrective	euracy of d Image provided Instruct Calibratic IT, CAL G), MEI ed in MM ration Bo mi Auto luction L e bins m s from b the Sem tility Car to be da cation. s outline action a	weigh Quality in the ions bu on Box BRAT D FRB D FRB D FRB D FRB D FRB D FRB D FRB D FRB D FRB D FRB D FRB D	at and y by APPS ulletin : ION 1 & MED -11 to rough the n side 2. ust be placed in ischarged Rework ure to do d if e MMO uired.					

U.S. Postal	Service						I	DENTIFICA	TION				
Maintenance	Check	list	WORK CODE		E	EQUIP ACRC	MENT NYM		CL	ASS ODE	NU	MBER	TYPE
			0 3	AP	Ρ	S			Α	Α	0	0 1	М
Equipment Nomenclature	Э		Equipme	nt Model	1		I	Bulletin File	ename		Occurre	nce	-
Automated Packag	ge Proc	essing						mm	15109			eCBN	Λ
Syste	m												
Part or	Item		Task	Statemen	t and I	nstruc	tion		Est.	Min.		Thresho	lds
Component	No	(Comply wi	th all curre	ent saf	ety pro	ecautio	ns)	Time	Skill	Run	Pieces	Freq.
									Req (min)	Lev	Hours	Fed	
									(11111)			(000)	
		Gen	erate co	rrective	work	orde	r and	notify					
		Supe	ervisor a	s neces	sary.			,					
		NOTE: I	nstructio	ns for co	orrect	ting i	nage	framing					
		issues m	ay be fo	und in N	/MO-	101-	09 AF	PS					
		Image Q	uality Ins	spection	and	Imag	e Fra	ming					
		Aujustine	ent using	june iw	еаке		.						
		NOTE: In	nstructio	ns for co	orrect	ting ii ad in	nage	_00/ 11					
		APPS St	andalon	e Gain T	Fable	Cali	oratio						
	186**	Check s	cales hi	norfor	mino	1 2 5	و ماد	hift Tost	12	07	1440	6500	
FASTSCAN:	100	on the D	CS Sca	le and S	Semi	Auto	Indu	iction	12	07	1440	0500	
SCALES SIDE 1		Lane sc	ale on s	ide one									
		Perform	the follo	wing on	the D	ocs ⁻	Funne	l scale:					
				U									
		WARNIN from the due to b	NG: 480 FSD to elt moti	volt pov avoid p	wer n Derso	nust onal i	be re njury	moved or death					
		1. Place	e the FS	D1-MC	C-1 d	iscor ck	nect i	n the					
		2 Verif	v scale i	s zeroe	d with	n no l	oad						
		WARNIN Support Failure t or death	IG: Test test we to comp	weight ight wit ly may	weig h ado resul	ghs 5 ditio t in p	io pou nal pe perso	unds. ersons. nal injury					
		3. Cheo weig on th corn locat place	ck scale ht by pla ne belt (c ers) and tion. We es (indic	accurac acing the center of record t eight is d ating 1/1	y usi weig belt he w isplay	ng a ght in and e eight yed v Ib).	50 lb five lo five lo each c at ea vith tw	test ocations of the four ch vo decimal					
		4. Com differ than actio	pare hig rence in 1/10 lb (n.	hest and highest (0.10 lbs	d low and l s.) init	est re owes tiate	eading at is gr correc	gs. If the reater stive					
		5. Rem powe	ove the er.	lock at F	SD1	-MC(C-1 ar	nd restore					
		Perform	the follo	wing on	the S	Semi	Auto I	nduction					

U.S. Postal	Service						I	DENTIFI	ICATIO	NC				
Maintenance	Check	list	WORK CODE		EQ AC		IENT NYM			CL CC	ASS ODE	NU	MBER	TYPE
			0 3	A P	P	S				Α	Α	0	0 1	М
Equipment Nomenclature	e _		Equipmer	nt Model				Bulletin	n Filena	ame		Occurre	nce	1
Automated Packa	ge Proc m	cessing						n	nm15	5109			eCBN	1
- Oysic														
Part or	Item No		Task \$	Statement	and Ins	structi	on			Est.	Min.		Threshol	ds
Component		(Comply wit	h all currer	nt safety	/ pred	cautior	ıs)		l ime Req	SKIII	Run	Pieces	Freq.
									(min)	Lev	TIOUIS	(000)	
	1										I	1	. ,	
		Lane Sca	ale:											
		WARNIN	IG: 480 \	olt pow	er mu	ist b	e rei	moved	1					
		from the	e Semi A Liniury (uto Indu or death	ict La	ne t	o avo	otion						
						.0 .00	4 :							
		b. Place	ion and a	apply loc	4 aisc k.	onne	ectin	the Of						
		7. Verif	y scale is	s zeroed	with r	no lo	ad.							
		WARNIN	IG: Test	weight	weigh	is 5() pot							
		Support	test wei	ght with	addi	tion	al pe	rsons.	•					
		or death	o compi	y may ro	esuiti	in po	ersoi	iai inju	ury					
		8 Cher	- rk scale :	accuracy	usinc	125	0 lh t	est						
		weig	ht by pla	cing the	weigh	t in f	five lo	ocation	IS					
		on th	ne belt (co	enter of I	oelt ar	nd ea	ach o	of the fo	our					
		corn	ers) and ion Wei	record th	ne wei Solave	ght a	at ea ith or	ch A						
		decir	nal place	e (indicat	ing 1/	10th	lb).	Compa	are					
		highe	est and lo	owest rea	adings	s. If	thé d	lifferen	ce					
		in hig (0.10	ghest and) lbs.) init	d lowest iate corr	is grea ective	ater acti	than on.	1/10 lb	D					
		9. Rem	ove the I	ock at IN	ID1-D	CC-	4 and	d restor	re					
		powe	er.											
		10. Gene Supe	erate cor ervisor as	rective w necess	vork or ary.	rder	and ı	notify						
AARS, DCS AND	187**	Check s	cales by	perform	ning a	a Sc	ale S	hift Te	est	12	07	1440	6500	1
FASTSCAN:		on the D	CS Scal	e and So	emi A	uto	Indu	ction						
SCALLS SIDE 2						<u>, т</u>								
		Perform	the follov	ving on t	he DC	S I	unne	l scale:	:					
		WARNIN from the due to b	IG: 480 v FSD to elt motio	volt pow avoid po on.	er mu erson	ist b al ir	oe rei njury	moved or dea	l ath					
		1. Place OFF	e the FSI position	D2-MCC and app	-1 diso ly lock	conr (.	nect i	n the						
		2. Verif	y scale is	s zeroed	with r	no lo	ad.							
		WARNIN Support Failure t	IG: Test test wei o compl	weight ght with y may re	weigh addi esult i	is 50 tion in po) pou al pe ersoi	ınds. rsons. nal inju	urv					

U.S. Postal	Service						l	IDENTIFICA	TION					
Maintenance	Check	list	WORK CODE		E	QUIP	MENT NYM		CL C	LASS ODE	NL	IMBE	ĒR	TYPE
			0 3	A P	Р	S			Α	Α	0	0	1	М
Equipment Nomenclature	Э		Equipme	nt Model			I	Bulletin Fil	ename		Occurre	ence		
Automated Packa	ge Proc	essing						mm	15109			eC	СВМ	
Syste	m													
Part or	Item		Task	Statemen	t and I	nstruc	tion		Est.	Min.		Thre	shold	S
Component	No	((Comply wi	th all curre	ent safe	ety pre	ecautio	ns)	Time	Skill	Run	Pie	eces	Freq.
								,	Req	Lev	Hours	F	ed	
									(11111)			(0	00)	
		or death												
		3 Cher	- rk scale	accurac	v nei	e na	50 lh	toet						
		weig	ht by pla	accurac	e weig	ht in	five l	ocations						
		on th	ne belt (c	enter of	belt	and	each c	of the four						
		locat	ers) and ion Wei	record i abt is di	the w solav	eight	at ea	ch o decimal						
		place	es (indica	ating 1/	100th	lb).		o deoimai						
		4. Com	pare hig	hest an	d low	est re	eading	gs. If the						
		differ	rence in	highest	and I	owes	st is gi	reater						
		than actio	1/10 ID (n.	(0.10 lbs	s.) init	late	correc	tive						
		5 Rem	ove the	lock at F	-502	-MC(1 ar	nd restore						
		powe	er.		002	-1010	J -1 ai							
		Perform	the follow	wing on	the S	emi	Auto I	nduction						
				volt no	wor n	auct	ho ro	moved						
		from the persona	e Semi A I injury	uto Ind or deat	uct L h due	ane to t	to av	oid otion.						
		6. Place posit	e the INI ion and	D2-DCC apply lo	-4 dis ck.	sconi	nect ir	the OFF						
		7. Verif	y scale i	s zeroe	d with	no l	oad.							
		WARNIN Support Failure t or death	IG: Test test we o comp	weight ight wit ly may	: weig h ado resul	ghs 5 ditio t in p	i0 pou nal pe perso	unds. ersons. nal injury	,					
		 Check weig on th cornel locat decir highe in hig (0.10) 	ck scale ht by pla ne belt (c ers) and ion. We mal place est and l ghest an) lbs.) ini	accurac icing the center of record t ight is d e (indica owest re d lowes tiate con	y usin weig belt the w lisplay ating eading t is gr rrectiv	ng a ght in and e eight yed v 1/10t gs. I reate /e ac	50 lb five le each c at ea vith or h lb). f the c r than tion.	test ocations of the four ch ne Compare difference 1/10 lb						
		9. Rem	ove the er.	lock at l	ND2-	DCC	-4 an	d restore						

U.S. Postal S	Service									ID	ENTIFICAT	ION					
Maintenance	Check	list		WORK CODE			E	EQUIP ACRC	MENT NYM	•		CL CC	ASS ODE	NU	JMBI	ER	TYPE
				0 3	1	A P	Ρ	S				Α	Α	0	0	1	М
Equipment Nomenclature) 			Equipme	ent N	Model					Bulletin File	name		Occurre	ence		
Automated Packag	ge Proc m	essi	ng								mm1	5109			e	СВМ	
		r			_							_					
Part or	Item No			Task	Sta	atement 	and I	nstruc	tion		`	Est. Time	Min. Skill		Thre	eshold	s
Component			(0	Comply w	ith a	all curre	nt saf	ety pro	ecautio	ons	5)	Req		Run Hours	Pie F	eces ed	Freq.
												(min)	LCV		(0	000)	
		10.	Gene Supe	erate co ervisor a	rre Is n	ctive v	vork arv.	orde	r and	n	otify						
DISTRIBUTION	188	Che	ck p	roximit	y s	ensor	anc	l pho	toey	е		15	09	720	3	240	
SUBSYSTEM:		con	ditio	n on sid	de	one.		•	-								
SHOE SORTER		WA	RNIN	IG: Be d	cau	utious	whe	en wo	orking	g	around						
		or c app	on eq lied.	uipmen	it w	vhen p	owe	er ha	s bee	ən							
		1.	Secu	ire FSD	1-C	DCC-8	with	a lo	ckout	in	1						
			acco	pected	witi ope	n loca eratior	n of t	ceau he Sl	res to 10e S	o p Soi	rter.						
		2.	Oper	1 shoe s	sort	ter doo	ors										
		3.	Cheo	k the fo	llo	wing p	roxir	nity s	enso	ors	and						
			photo for da hardy	beyes af amage a ware is s	t th anc sec	e drive d chec cure:	e en k to	d of t ensu	he Sh re mo	or Sui	e Sorter nting						
			a. [r	Divert Co ail)	onf	firm Pr	oxim	nity S	ensor	r (on top						
			b. S	Shoe De	etec	ct Pho	toey	e (on	botto	om	n rail)						
			c. [D-2-2 PE	Ξ2	(Debri	s Bir	n Pho	otoeye	e)							
		4.	Chec photo for da secu	ck the fo beyes at amage a re:	llov t th anc	wing p ie tail e d ensu	roxir end o re m	nity s of the ount	enso Shoe ng ha	ors e : arc	and Sorter dware is						
			a. Z	Zero Cel	II P	roximi	ty Se	enso	· (on t	toj	p rail)						
			b. (r	Group D ail)	ete	ect Pro	ximi	ty Se	nsor	(0	on top						
			c. E (Bottom (above b	Cha oott	ain Str tom ra	etch il)	Prox	imity	S	ensor						
			d. S	Shoe De	etec	ct Pho	toey	e (Be	low b	oot	ttom rail)						
		5.	Rem	ove locł	cou	it from	FSE	01- D	CC-8	3.							
		6.	Close	e all Sho	be a	Sorter	doo	rs.									
		7.	Place swite	e the FS h in Ma	SD1 int	1-MCC enanc	: Noi :e .	mal/	Maint	er	nance						
		8.	Place swite	e the FS h in Ma	SD1 int	1-DCC enanc	-8 N :e .	orma	l/Maiı	nt	enance						

U.S. Postal	Service					I	DENTIFICA	TION				
Maintenance	Check	list	WORK CODE		EQUIF ACRO	MENT DNYM		CL	ASS ODE	NU	MBER	TYPE
			0 3	A P	P S			Α	Α	0	0 1	М
Equipment Nomenclature	е		Equipme	nt Model	I I	l	Bulletin File	ename		Occurre	nce	
Automated Packag	ge Proc	essing					mm	15109			eCBM	
Syste	m											
Part or	Item		Task	Statement	and Instru	ction		Est.	Min.		Threshold	ls
Component	No	(Comply wit	th all currer	nt safety pr	ecautio	ns)	Time	Skill	Run	Pieces	Freq.
								Req (min)	Lev	Hours	Fed	
								()			(000)	
		9. Plac	e the FS	D1-DCC	-8 select	or swit	tch in the					
		10 Dres										
		IU. Pres	s the Sta		I ON FSL	I-DC	<u> </u>					
		11. Whil	e the Sho	oe Sortei be Zero	r is movii Cell and	ig, ob: Chain	serve the					
		prox	imity sen	isors. Ve	erify both	senso	ors are					
		trigg	ered onc	e per rev	olution.							
		12. Pres	s the Sto Shoe Sor	op button ter.	on FSD	-DCC	-8 to stop					
		13. Plac swite	e the FS ch in the	D1-DCC- Normal	-8 Norma	al/Mair	ntenance					
		14. Plac	e the FS	D1-MCC	Normal/	Mainte	enance					
		SWITC	ch in the	Normal	position.							
		15. Gen Supe	erate cor ervisor as	s necess	ork orde ary.	r and	notify					
DISTRIBUTION SUBSYSTEM:	189	Check p conditio	oroximity on on sid	v sensor le two.	and pho	otoeye	9	15	09	720	3240	
SHOE SORTER SENSORS SIDE 2		WARNIN or on eq applied.	NG: Be c luipment	autious t when p	when w ower ha	g around n						
		1. Secu acco unex	ure FSD2 ordance v opected c	2-DCC-8 vith local	with a lo procedu of the S	ckout res to hoe Se	in prevent orter.					
		2. Ope	n shoe s	orter doo	rs							
		3. Cheo phot for d secu	ck the fol oeyes at amage a ıre:	lowing pi the drive ind ensui	roximity e end of t re mount	sensoi he Sh ing ha	rs and oe Sorter Irdware is					
		a. I	Divert Co rail)	onfirm Pro	oximity S	ensor	(on top					
		b. \$	Shoe Det	tect Phot	oeye (or	botto	m rail)					
		c. I	D-2-2 PE	2 (Debris	s Bin Ph	otoeye	e)					
		4. Cheo phot for d	ck the fol oeyes at amage a	lowing p the tail e nd ensu	roximity and of the re mount	sensoi e Shoe ing ha	rs and e Sorter irdware is					

U.S. Postal S	Service							DENTIFIC	ATION					
Maintenance	Check	list	WORK CODE		E	QUIP	MENT NYM		C	LASS ODE	NU	IMBEF	2	TYPE
			0 3	A P	Ρ	S			Α	A	0	0	1	М
Equipment Nomenclature) no Drog		Equipme	nt Model			ľ	Bulletin F	ilename		Occurre	ence		
Automated Packag	ge Proc m	essing						mr	n15109			eCl	ЗM	
		T	I	_					_					
Part or	Item No		Task	Statement	and I	nstruc	tion		Est. Time	Min. Skill		Thres	hold	s
Component		(Comply wil	th all curre	nt safe	ety pro	ecautio	ns)	Req		Run Hours	Piec Fe	es d	Freq.
									(min)	LCV		(00	D)	
		Secu												
		a. 2			ity Se	enso	on t	op raii)						
		b. (Group De rail)	etect Pro	oximi	ty Se	nsor	(on top						
		c. I	Bottom C above b	Chain Str ottom ra	etch il)	Prox	imity	Sensor						
		d. \$	` Shoe De	tect Pho	, toeye	e (Be	low b	ottom ra	1)					
		5. Rem	ove lock	out from	FSE)2- D	CC-8							
		6. Clos	e all Sho	e Sorter	doo	rs.								
		7. Plac	e the FS	D2-MCC	Nor	mal/	Mainte	enance						
		8. Plac	e the FS	D2-DCC	-8 N	orma	l/Mair	ntenance	•					
		swite	ch in Mai	ntenand	:e .									
		9. Plac corre	e the FS ect positi	D2-DCC on for D-	;-8 s∉ -2-2 (electo (Sho	or swit e Sort	tch in the er).	•					
		10. Pres	s the Sta	art butto	n on	FSD	2-DC	C-8.						
		11. Whil Multi prox trigg	e the Sho iport for t imity sen ered onc	oe Sorte the Zero isors. V ce per re	er is n Cell erify volut	novir and both ion.	ig, ob Chain senso	serve the Stretch ors are	9					
		12. Pres the S	s the Sto Shoe Sor	op buttor ter.	n on	FSD	-DCC	-8 to sto	þ					
		13. Plac swite	e the FS ch in the	D2-DCC Normal	-8 N posit	orma tion.	l/Mair	ntenance						
		14. Plac swite	e the FS ch in the	D2-MCC Normal	C Nor posit	mal/ tion.	Mainte	enance						
		15. Gen Supe	erate cor ervisor as	rective v s necess	vork sary.	orde	r and	notify						
DISTRIBUTION	190**	Check s	hoe sor	ter carri	ages	on	side o	one.	54	09	600	270	00	
SUBSYSTEM:		WARNIN	IG: Be c	autious	whe	en we	orking	g around	1		1	1		
INTERNALS SIDE 1		or on eq	luipmen	t when j	powe	er ha	s bee	n			1	1		
		applied.	Some of machine	of the fo	llow	ing t ∟ ⊤≏	asks ko	require			1	1		
		precauti	ions to p	prevent	hair.	clot	hing.	tools,			1	1		
		and test	equipm	ent fror	n bei	ing c	augh	t in						

U.S. Postal Serv	vice					I	DENTIFICA	TION					
Maintenance Ch	ecklist	WORK CODE			EQUIP ACRC	MENT NYM		CL	ASS ODE	NU	JMBE	R	TYPE
		0 3	Α	P	P S			Α	Α	0	0	1	М
Equipment Nomenclature		Equipme	nt Mode	el			Bulletin File	ename		Occurre	ence		
Automated Package System	Processing						mm	15109			eC	CBM	
Part or It	tem	Task	Statem	ent ar	nd Instruc	tion		Fst	Min		Thre	shold	c
	No "							Time e				SHOL	- -
Component	((Jompiy wi	in all cu	Inent	salety pr	ecaution	is)	Req	SKIII	Run Hours	F	eces ed	⊢req.
								(min)	Lev		(0	00)	
	moving WARNIN applied f time whi the next the instr Section Using th require of but will n reset to enclosur performi CAUTIO back of f deficient by repai assembl Carriage Assembl Carriage Assembl All pins s carriages this asse problem. after jogg carriages travel at 1. Pos Sort 2. If the performi	parts. IG: 480 to the mile joggi section uctions 4.2 titled e VFD F compute require a restore re. Lock ing the f N: Do ne the slat criss in c ring or n ies. thru-bold over ti the bolk after a fu ed, look y pins or hould be s which a mbly ma typical ging the s do not book which a mbly ma typical ging the s do not book the shat the bolk after a fu ed, look y pins or hould be s which a the bolk after a fu ed, look y pins or hould be s which a mbly ma to not book the shat the bolk after a fu ed, look the bolk after a fu ed, look the bolk after a fu ed, look the bolk after a fu ed, look the bolk after a fu book the bolk after a fu ed, look the bolk after a fu book the bolk after a fu book after a fu after af	VAC F lachin ng the of ca locat d Con Param er sys any E 480 V follow ot use asser carriag replac of the Sh ull spe down the b ar e no ay hav ly pro- sorter follow carses carriag contained asser carriag contained asser carriag contained contained carriag contained carriag contained carriag contained carriag contained carriag contained c	Power reforest e Sh arriag ted in veyor ted is veyor ted is is veyor ted is is is is is is is is is is is is is i	er will i r a sho oe Sor ge asse n the M or Man Tool d s to be p cond to the I machin tasks. y lubric es. Col ssembl slats at e Maste ued to of the line of I m of the ght line ine with orake, s ns will n low spe unce at equired substep	need t rt per ter to emblie S-202 ual Op oes n powe ition t DCC 8 e whe ant of rrect a y movind can rrect a y movind can rect b e shoe the of the of sister i the of sister i y sister i y	o be iod of access es using Vol. B beration. ot red up, to be an the any vement riage thay en de doors Carriage e Sorter. e any thers, as wheel apparent s the ad of Shoe ogged,					00)	
	b.	Turn FS positior	SD1-D ո.	CC-	8 disco	nnect	to Off						

U.S. Postal S	Service									ID	ENTIFICAT	ION					
Maintenance	Checkl	list		WORK CODE			E /	QUIP	MENT NYM			CL	ASS ODE	NU	JMBE	ĒR	TYPE
				0 3	Α	Р	Ρ	S				Α	Α	0	0	1	М
Equipment Nomenclature)		E	Equipme	nt Me	odel				E	Bulletin File	name		Occurre	ence		
Automated Packag	ge Proc	essing	3								mm1	5109			eC	СВМ	
Syster	m																
Part or	Item			Task	State	ement	and li	nstruc	tion			Est.	Min.		Thre	shold	s
Component	No		(Co	omply wit	h all	currer	nt safe	etv pre	cautio	ons	;)	Time	Skill	Run	Pie	eces	Freq
Component			(0)					, p. (.,	Req	Lev	Hours	F	ed	r roq.
												(11111)			(0	00)	
		3. L 3. L 4. C 5. C 6. C 7. C 7. C 8. C 9. C 10. F t 11. C 12. I 5. C 5. C 5. C 5. C 6. C 6. C 7. C 6. C 7. C 7. C 7. C 7. C 8. C 7. C	2. (t t 1. (2. (4. (5. (1. (5. ())))))))))))))))))))))))))))))))))))	Open e connect located 4.2 title Close the Doff PF Jog the location out the cordance a severa rriage a k chain ignmer brushe k carria ge or lo k brake gauge. ct shoe bs. k slats vare. k shoes oply poi ext sec ction a e any si Shoe S meter T ceps: Don PF	nclo t care in t d C F E. Sha AP a see for a see for a sec for a s	osure ble fr ect VF he M onvey SD1 oe Sc ing th PS m vith lo de pa emblie signs ack of or bin assei e hard or ce r ster fr wear, r dam i, lock ep 5. panel er wa , perfe	FSE om \ D p S-20 yor N -DC0 orter n e VF hach p cal p anels es ar f lubr dung mbly dwar f lubr dwar r pro equi f om n age dan s tha s tha s tha s f o corr f orter n f lubr	D1-D /FD /FD 2, V/ /anu C-8 e to th FD P ine o proce to e ad sla wear rolle read sla wear rolle read sla wear rolle read sla wear rolle and sla wear rolle and sla wear rolle free d trest s and and c he sla he sla he sla he sla	CC-8 Parar structiol; B, al Op enclos e des arame r FSE dures nable ats. or da or da or, dii r whe sprin unction should , loos wear noe se contin re op using pollowi	amenicio S Soel su sinteti D1 S. Soel su sinteti S. Soel su on a second di s	nd ector Tool ns ection ration. re. ed er Tool. -DCC-8 access access age, on the ls. s for using a id and be 0.5 to /missing ter to e ned. the VFD g					00)	
		L	、 -	Turn EQ	1		ר מי	lisco	neat		witch to						
			, t	the Off	pos	sition.	-0 a	1500	mect	S							
			c. (Open e	nclo	osure	FSE)1-D	CC-8	а	nd		1	1			

U.S. Postal S	Service							l	ID	ENTIFICAT	ION			•		
Maintenance	Checkl	ist	WORK CODE			E A	QUIP ACRO	MENT NYM			CL CC	ASS DDE	NU	JMBE	R	TYPE
			0 3	Α	Ρ	Ρ	S				Α	Α	0	0	1	М
Equipment Nomenclature	;		Equipme	nt Mod	lel			1	I	Bulletin File	name	<u> </u>	Occurr	ence		
Automated Packag	ge Proc	essing								mm1	5109			eC	ВМ	
Syster	m															
Part or	Item		Task	Staten	nent a	and Ir	nstruc	tion			Est.	Min.		Thre	shold	s
Component	No		Comply wit	h all c	urrent	t safe	atv nre	cautio	ns	2)	Time	Skill	Run	Die	000	Freq
Component			(comply m	in an o	anon	t ouro	ny pro	Joadalo		,	Req	Lev	Hours	F	ed	ricq.
											(11111)			(0	00)	
				4			6 11	0		0 (1	1			1
		Assemb	ly pins or	the	botto	om o iabt	of the	Sho	e	Sorter.						
		carriade	s which a	re no	ot in	line	with	the o	e ⊲ oth	any ners, as						
		this asse	embly ma	y hav	vea	brał	ke, s	lat, or	r v	wheel						
		problem	. Typical	ly pro	obler	ns v	vill no	ot be	ap	pparent						
		after jog	ging the	sorte	r at s	slow	spe	eds a	S	the						
		carriage travel at	s do not i low spee	end i eds.		ounc	e at	the e	nc	a or						
		1. Pos Sort	ition the c er in the a	lesire acces	ed se ssibl	ectio e ar	n of ea.	the S	h	oe						
		2. If the	e Shoe S	orter	is re	equir	ed to	o be jo	og	gged,						
		a.		Don F	PPE.	subs	leps	•								
		b.	T switch to	urn F	-SD2	2-D(CC-8	disco	on	nnect						
			Switch to	011 p	.,	011.	-									
		C.	and conn tool to the located ir	ect c ect c e cori n the	able rect ` MS-:	fror VFD 202	n VF n VF) per , Vol	DZ-L D Pa the ir B, Se	nra ns ec	ameter structions stion 4.2						
			titled Cor	iveyo	or Ma	anua	al Op	eratic	on	l.						
		d.	C enclosure	Close Ə.	the	FSD)2-D	CC-8								
		e.	C	off F	PE.											
		f.	J desired lo Tool.	og th ocatio	ie Sł on us	noe sing	Sorte	er to t /FD F	the Pa	e arameter						
		3. Lock in ad	k out the ccordance	APPS e with	S ma n loca	achir al pr	ne or roceo	FSD: dures	2-	-DCC-8						
		4. Ope carr	n several iage asse	l side emblie	e pan es ar	iels f nd s	to er lats.	able	a	ccess to						
		5. Che misa oilin	ck chain alignment g brushes	for si , lack s, or l	gns (c of li bindi	of w ubrie ing r	ear o catio oller	or dar n, dir whee	ma t c els	age, on the s.						
		6. Che dam	ck carria age or lo	ge as ose h	sem hard\	bly l ware	leaf : e.	spring	gs	for						
		7. Che force retra	ck brake e gauge. act shoe o	pads Forc cluste	for ce re er fro	prop quire m re	oer fu ed to est s	inctio exte	n nc I b	using a d and be 0.5 to						

U.S. Postal	Service						I	DENTIFICA	ΓΙΟΝ				
Maintenance	Check	list	WORK CODE		EQ AC		IENT IYM		CL C(ASS ODE	NU	MBER	TYPE
			0 3	A P	Ρ	S			Α	Α	0	0 1	М
Equipment Nomenclature	Э		Equipme	nt Model				Bulletin File	ename		Occurre	nce	•
Automated Packa	ge Proc	essing						mm	15109			eCBM	
Syste	m												
Part or	Item		Task	Statement	and Ins	structi	on		Est.	Min.		Threshol	ds
Component	NO	(Comply wit	th all currer	nt safety	/ prec	autior	ıs)	Time	Skill	Run	Pieces	Freq.
									(min)	Lev	Hours	Fea	
												(000)	
		0.9	bs.										
		8. Cheo hard	ck slats f ware.	or wear,	dama	ge, l	oose	/missing					
		9. Cheo	ck shoes	for dama	age ar	nd w	ear.						
		10. Re-a next at ste	apply pov section, ep 5.	ver and jo lock out	og the and c	sho ontin	e soi iue ir	rter to the spection					
		11. Clos	e any sio	de panels	s that v	were	ope	ned.					
		12. If the	e Shoe S	orter was	s jogg	ed u	sing	the VFD					
		Para subs	imeter To iteps:	ool, perfo	orm the	e foll	owin	g					
		a.	Don PF	PE.									
		b.	Turn FS the Off	SD2-DCC position.	C-8 dis	scon	nect	switch to					
		C.	Open e disconr cable fr	enclosure nect the \ rom the \	FSD2 /FD P /FD.	2-DC aran	C-8 neter	and tool					
		d.	Close t	he FSD2	-DCC	-8 er	nclos	ure.					
		e.	Turn FS the ON	SD2-DC0 position.	C-8 dis	scon	nect	switch to					
		f.	Doff PF	PE.									
		g.	 DOIL PPE. Generate corrective work order and notify Supervisor as necessary. 										
DISTRIBUTION SUBSYSTEM:	192**	Check s side one	hoe sor e (2 peor	ter chair ole requi	ns and red).	l spi	ets on	30	09	1000	4500		
SHOE SORTER CHAIN SIDE 1		WARNIN or on eq applied. that the precauti and test moving WARNIN	IG: Be c juipmen Some c machine ons to p equipm parts.	woi has ig ta Tak loth g ca	l around n require tools, t in o be								
		applied time wh the next	to the m ile joggi <u>sectio</u> n	achine f ng the S of carria	or a s hoe S age as	short Sorte sser	t per er to <u>nbli</u> e	iod of access es using					

U.S. Postal S	ervice					I	DENTIFICA	TION				
Maintenance C	Checkl	ist	WORK CODE		EQUIP ACRC	MENT NYM		CL CC	ASS DDE	NU	MBER	TYPE
			0 3	A P I	P S			Α	Α	0	0 1	М
Equipment Nomenclature Automated Packag System	e Proc n	essing	Equipmer	nt Model			Bulletin File mm	ename 15109		Occurre	^{nce} eCBM	
Part or	ltem		Task \$	Statement an	nd Instruc	tion		Fst	Min		Threshold	ts
Component	No	(Comply with	h all current s	safety pre	ecautior	าร)	Time Req (min)	Skill Lev	Run Hours	Pieces Fed (000)	Freq.
		the insti Section Using the required but will reset to enclosu perform WARNIN the Sho chain ari into or lis sorter is 1. Pre follo a. b. c. d. e. f. 2. Ope obs rem 3. Whi the spro sou 4. Obs links app a dr	ructions 4.2 titled he VFD P compute require a restore 4 re. Lock ing the f NG: Use 6 e Sorter hd sproce ean into 5 in motio pare to jo D Parame buing sub Don PP Turn FS Off posi Open en connect to the co located 4.2 titled Close th Turn FS On posi Doff PP en only th ervation v ain close ile the Sh cocket lood nds.	Iocated in Conveyor arameter of Systems any E-Stop 480 VAC to cont the mo- ollowing for extreme condition door oper of the Sho eter Tool boosteps. E. SD1-DCC-8 tion. In the MS- d Conveyor in the MS-	the M or Manu Tool d s to be o cond o the D nachin tasks. aution s open tion. D ning w e Sorte y perfor 8 disco 3 SD1-D n VFD 0 per th -202, V or Manu 0 CC-8 e 8 disco door wh All oth o and le usual n t is pas ally leve ginning	S-202 Jal Op oes n powe ition t OCC 8 e whe to ev o not hile th r using ming nnect CC-8 Paran e instro ol B, S al Op enclos nnect mere er doc baving notion sing b n may to bir	Vol. B beration. ot red up, to be en moving valuate reach the shoe g the the switch to and neter Tool uctions Section eration. ure. switch to or sshould be Sorter. observe each or y. The ain which rindicate nd.					

U.S. Postal	Service									IDENTIFICA	TION					
Maintenance	Check	list		WORK CODE			EC A	QUIP	MENT NYM		CI C	ASS ODE	NU	MBER		TYPE
			Ī	0 3	Α	Ρ	Ρ	S			Α	Α	0	0	1	М
Equipment Nomenclature	е			Equipme	nt Mode	el		•		Bulletin Fi	lename		Occurre	nce		
Automated Packa	ge Proc	cessii	ng							mm	15109			eCB	M	
Syste	m															
Part or	Item			Task	Statem	ient a	nd In	struc	tion		Est.	Min.		Thresh	olds	6
Component	NO		(C	comply wi	th all cu	urrent	safe	ty pre	cautio	ns)	Time	Skill	Run	Piece	es	Freq.
											(min)	Lev	Hours	Fed		
														(000))	
		5.	Obse	erve ea	ch bea	aring	j (4)	for	มทนธน	al motion						
			or so	ounds o	r signs	s of \	wea	r ind	icatin	g failure.						
		6.	Lock	out the		S or	FSE	D1-D	-CC-8	3 in						
			acco	rdance	with it	ocar	proc	ceat	ires.							
		7.	Inspe miss	ect eacl ing teet	n spro h.	cket	for	ben	i, wor	n or						
		8.	Inspe	ect spro	ockets	for I	oose	e fla	t hea	d screws						
			whic value	h moun e for the	t the s ese sci	sproo rews	cket s are	to th e 120	ne hu) inch	b. Torque pounds.	9					
		9.	Inspe Spro	ect plas ocket for	tic Pin [.] signs	Gui Gof c	ide r dama	mou age.	nted	to the Tail						
		10.	Cheo nece appa	ck oil le [.] ssary. arent.	vel in r Invest	rese tigat	rvoii e if c	rs ar oil u	nd fill sage	as is not						
		11.	Don	PPE.												
		12.	With the C disco from	FSD1- Off posit onnect t the VF	DCC-8 ion, ol he VF D.	8 en pen D Pa	clos the aran	ure encl nete	disco osure r Too	nnect in e and l cable						
		13.	Clos	e the F	SD1-D	OCC-	-8 er	nclo	sure.							
		14.	Doff	PPE.												
		15.	Secu	ure all d	oors a	and r	esto	ore p	ower							
		16.	Generate corrective work order and notify Supervisor as necessary.							notify						
		lt is task	recommended that 2 persons perform k when observing chains.													
DISTRIBUTION SUBSYSTEM:	193**	Che side	ck sh two	noe sor (2 peoj	ter ch ole rec	ains quir	s an ed).	d sp	orock	ets on	30	09	1000	450	0	
SHOE SORTER CHAIN SIDE 2		WAI or o app that prec and mov	RNIN n equ lied. the r cautic test ving p	NING: Be cautious when working arou equipment when power has been ed. Some of the following tasks requir he machine be running. Take autions to prevent hair, clothing, tools, est equipment from being caught in ng parts.												
		WA app	RNIN	G: 480 o the m	VAC F achin	Pow ne fo	erw ora	vill r sho	ieed t rt pei	to be riod of						

U.S. Postal	Service						I	DENTIFICA	TION			-		
Maintenance	Checkl	ist	WORK CODE		EQ A(QUIPN CROI	MENT NYM		CL CC	ASS DDE	NU	IMBE	R	TYPE
			0 3	AP	Ρ	S			Α	Α	0	0	1	М
Equipment Nomenclature	;		Equipmer	nt Model	1 1	I	I	Bulletin File	ename	1	Occurre	ence		
Automated Packag	ge Proc	essing						mm ²	15109			еC	ЗBМ	
Syste	m													
Part or	Item		Task	Statement	and Ins	struct	ion		Est.	Min.		Thre	shold	s
Component	No		(Comply wit	h all currer	nt safet	v pre	cautior	ns)	Time	Skill	Run	Pie	Ces	Freq
Component			(comply m		it ouror	., 10	ouutor	10)	Req	Lev	Hours	Fe	ed	ricq.
									(11111)			(00)))	
		time wh the next the inst Section Using t require but will reset to enclosu perform WARNI the Sho chain a into or sorter i 1. Pre foll a. b. c. d. e. f. 2. Op obs rem 3. Wh	nile joggin t sections a 4.2 titled he VFD P compute require a prestore ing the f NG: Use pare to jo D Parame owing sub Don PP Turn FS Off posi Open e connect to the c located 4.2 titled Close th Turn FS On posi Doff PP hen only th servation ind chain en	ng the S of carrie located d Convey Paramete er syster any E-St 480 VAC cout the following extreme with doo ket cond door op on. og the Sh eter Tool osteps. PE. SD2-DCC ition. nclosure t cable fr orrect VF in the M d Convey he FSD2 SD2-DCC ition. nclosure t cable fr orrect VF in the M d Convey he FSD2 SD2-DCC ition. PE. SD2-DCC ition.	hoe Salage a in the yor M er Toc ms to op co to the mack ors of dition ening by pe C-8 dis FSD2 om VI -D pe S-202 yor Ms -DCC C-8 dis s door r. All movin er is in to and	Sorta ssee e MS land be pondir be pondir be pondir ne D hine cs. ion v pen scon g wh orter erfor scon 2-DC FD F for the 2, Vc anua c-8 e scon r wh othe of the n mo d lea	er to mblie S-202 al Op powe tion t CC 8 when to ev o not nile th using ming anect CC-8 Paran e instr ol B, S al Op nclos anect ere e Sho aving	access es using Vol. B peration. of red up, to be en moving valuate reach he shoe g the the switch to and neter Tool ructions Section eration. sure. switch to ors should be Sorter. observe each						
		spr sou 4. Ob	rocket lool unds. serve the	king for u chain as be unifor	unusu s it is p rmlv 14	al m pass	iotion sing b	or y. The						

U.S. Postal	Service							I	DENTIFICA	TION				
Maintenance	Check	list		WORK CODE		EC A	QUIPME	ENT /M		CL	ASS ODE	NU	MBER	TYPE
				0 3	A P	Р	S			Α	Α	0	0 1	М
Equipment Nomenclature				Equipme	nt Model				Bulletin File	ename		Occurre	nce	
Automated Packag	ge Proc m	cessin	g						mm	15109			eCBM	
Oyoto		1								1	1			
Part or	Item No			Task	Statement	and Ins	structio	n 	,	Est.	Min.		Threshold	ls –
Component			(Comply wi	th all curre	nt safet	y preca	lutior	is)	Req	Skill	Run Hours	Pieces Fed	Freq.
										(min)	Lev		(000)	
		5	app a dr ∩bs	ears to v y chain v	vaver up which is l	and c begini	lown r ning to	may b bir	indicate nd.					
		J.	or s	ounds or	r signs of	f wear	indic	ating	g failure.					
		6.	Loc acc	k out the ordance	APPS o with loca	or FSE al proc)2-DC	C-8 es.	in					
		7.	Insp mise	bect each sing teet	n sprocke h.	et for I	bent, v	Norr	n, or					
		8.	Insp whic valu	bect spro ch moun le for the	ockets for t the spro ese screv	⁻ loose ocket vs are	e flat h to the 120 i	neac hub nch	l screws b. Torque pounds.					
		9.	Insp Spro	oect plas ocket for	tic Pin G signs of	uide r dama	nount age.	ed t	o the Tail					
		10.	Che nec app	eck oil lev essary. arent.	vel in res Investiga	ervoir ate if c	s and oil usa	fill a ge i	as s not					
		11.	Don	PPE.										
		12.	With the disc from	n FSD2-I Off posit connect t n the VFI	DCC-8 e ion, oper he VFD D.	nclosi n the e Paran	ure dis enclos neter	scor sure Tool	nect in and cable					
		13.	Clos	se the FS	SD2-DC	C-8 er	nclosu	re.						
		14.	Dof	f PPE.										
		15.	Sec	ure all d	oors and	resto	re po	ver.						
		lt is i task	reco whe	ommend en obse	led that rving ch	2 pers ains.	sons	perf	form the					
FSD AND INDUCT SUBSYSTEM:	194	Cheo Indu	cts)	elting co	ondition	on si	ide or	ne (t	turn thru	6	09	140	630	
BELTING SIDE 1		WAR or or appli that preca and t movi	RNIN ied. the auti test ing	NG: Be cautious when working around quipment when power has been I. Some of the following tasks require e machine be running. Take tions to prevent hair, clothing, tools, it equipment from being caught in parts.										
		With	sys	tem conv	veyors ru	Inning	, cheo	ck b	elt					

MMO-	131-16
------	--------

U.S. Postal S	IDENTIFICATION														
Maintenance	WORK EQUIPMENT CODE ACRONYM							CL CC	ASS DDE	NL	٦	TYPE			
			0 3	A P	Ρ	S				Α	Α	0	0	1	М
Equipment Nomenclature	Equipmer	nt Model			I	Bulleti	in File	name		Occurre	ence				
Automated Packa	ge Proo m	cessing							mm1	5109			eC	BM	
Gystel			l					L							
Part or	Item		Task	Statement	and li	nstruc	tion			Est. Mi			Thres	hold	s
Component	NO	(Comply wit	th all curre	nt safe	ety pro	ecautio	ns)		l ime Req	Skill	Run	Piec	es d	Freq.
										(min)	Lev	TIOUIS	(00	u 0)	
											1	T			
		condition	on the f	ollowing	con	veyo Ldob	rs for	trackir	ng,						
		tape stud	ck to belt). Lister	, and for a	abno	rmal r	noises							
		paying p	articular	, attentior	n to re	ollers	s and	bull-							
		noses. A	After com	pleting v	/isua	l and	l audio	o chec roblen	ck,						
		Initiate c	orrective	action a	s rec	quire	d. Ge	enerate	нэ. Ө						
		correctiv	e work o	rder and	notif	fy Sι	pervis	sor as							
		necessa	ry:												
		1. 90 D	egree In	cline and	d Hig	h Sp		Convey	yors						
		(2). F	lition.	cular atto	entio	n to	Selt rit	0							
		2. Sync DX2-	. Sync module belts DX1-1 through DX1-4 and DX2-1 (5)												
		3. Auto Unlo	-Induct 4 ading Co	5 Degre	e Lo: ; (6)	adin	g and								
		4. Auto	-Induct 9	0 Degre	e Co	nvey	vor (3))							
		5. Auto	-Induct S	Sync Cor	nveyo	ors ((6)								
		6. Sem	i-Auto In	duction	Codir	ng C	onvey	or (2)							
		7. Sem	i-Auto In	duction	Scale	e Co	nveyo	r (1)							
		8. Sem (1)	i-Auto In	duction	Sync	hron	izing (Conve	eyor						
		9. Sem	Semi-Auto Induction Unloading Conveyor (1)												
FSD AND INDUCT SUBSYSTEM:	195	Check b Inducts)	elting co	ondition	ons	side	two (†	turn tl	hru	6	09	140	63	80	
BELTING SIDE 2		WARNIN	IG: Be c	autious	who	n w	orking	arou	Ind						
		or on eq	uipment	t when p	owe	er ha	s bee	n							
		applied.	Some o	of the fo	llowi	ing t	asks	requii	re						
	that the machine be running. Take														
		and test equipment from being caught in													
		moving	parts.												
		With sys	tem conv	/eyors ru	Innin	g, ch	eck b	elt							
		condition wear da	i on the f made ist	cilowing	con\ . and	veyo I deh	ris (e)	irackir x. lahe	ng, el or						
		tape stud	ck to belt). Lister	for a	abno	rmal r	noises							
paying particular attention to rollers and bull-									:k						

U.S. Postal	IDENTIFICA							ATION						
Maintenance	WORK CODE		E	EQUIF ACRC	MENT NYM		CI C	LASS ODE	NL	IMBE	R	TYPE		
	0 3	A F	P	S			Α	Α	0	0	1	М		
Equipment Nomenclature	Equipme	nt Model				Bulletin F	lename		Occurre	ence				
Automated Packa						mn	15109			eC	ВM			
Syste	m													
Part or	Item		Task	Stateme	nt and	Instruc	tion		Est.	Min.		Three	shold	s
Component	INO	((Comply with all current safety precautions)							Skill	Run	Pie	ces	Freq.
									(min)	Lev	Hours	(00		
SORTER SUBSYSTEM: CARRIER CELLS, DRIVEN AND NON- DRIVEN	196**	stop con Initiate co corrective necessal 1. 90 D (2). F cond 2. Sync DX2 3. Auto DX2 3. Auto 0. Sem 7. Sem 8. Sem (1) 9. Sem Carrier (This task the task the task the task the task the task the task the task the task the task	veyors to prective e work o ry: egree In Pay parti ition. ading Co -Induct 4 -Induct 4 -Induct 5 -Induct 5 -Induct 5 -Induct 6 -Induct 6 -Induct 6 -Induct 6 -Induct 6 -Induct 7 -Induct 7 -Induct 7 -Induct 8 -Induct 8 -Induct 8 -Induct 9 -Induct 9	o invest action order an acline an cular at a belts I 45 Degr borveyor 20 Degr 30 Degr	igate as red d noti d hig tentic DX1-1 ee Lc onvey Codi Scal Sync Unlo ned ir T HA s whe powe ollow nning hair, m be	dete quire ify Su gh Sp on to throu badin onve ors (i e Co chron bading cors (i e Co chron NDS er ha g, Ta clot ing C e co chron NDS er ha g, Ta clot of a	cted p d. Ge peed C belt ril ugh D. g and /or (3) onvey nveyo izing (g Conv junction onveyo izing (g Conv junction conveyo izing (g Conv junction conveyo izing (g Conv junction conveyo izing (g Conv junction conveyo junction conveyo g Conv junction conveyo junction conveyo junction conveyo junction conveyo g Conv junction conveyo g Conv junction conveyo conveyo junction conveyo g Conv junction conveyo conveyo conveyo conveyo g Conv junction conveyo conve conveyo convey convey conve conve conve conve conve conve conv	roblems. enerate sor as Conveyors b X1-4 and y ror (2) r (1) Conveyor veyor (1) on with CHECK. g around require tools, t in ent after Doors C power	(min)	09				1
		Check th (driven a 1. Rem carrie	e condit nd non-o ove any er cells	r cells ss to the										

U.S. Postal	IDENTIFICATION													
Maintenance	WORK CODE		EQL AC	JIPMEN ⁻ RONYM	T		CL	ASS ODE	NL	IMBE	R	TYPE		
			0 3	A P	P S	5			Α	Α	0	0	1	М
Equipment Nomenclature	Equipmer	nt Model				Bulletin File	ename		Occurre	ence				
Automated Packag	ge Proc m	essing						mm´	15109			eC	BM	
Gyste														
Part or	Item No		Task S	Statement	and Inst	ruction			Est.	Min.		Three	shold	s
Component	110	((Comply wit	h all currer	nt safety	precauti	ion	s)	Req	SKIII	Run	Pie	ces	Freq.
									(min)	Lev	TIOUIS	(00)0)	
							_			1		1		
		2. Jog r Main	machine Itenance	to positio Test Sta	on carr tion ar	ier cell ea.	in	1						
		3. Cheo	ck crossb	elts for v	vear. d	amade	ə. :	saqqinq.						
		sepa	ration alo	ong edge	es, or t	acking	, p	oroblems.						
		4. Inspe	ect cross	belt moto	or wirin	g to er	าร	ure it is						
		prop sadd	erly secu lle.	ired and	not rut	bing o	n	carrier						
		5. Cheo pulle	ck drive b ys on dri	belt for m	issing s.	teeth c	or v	worn						
		6. Meas	sure drive	e wheel o	diamet	er on c	driv	vina						
		cells than	. Schedule wheel for replacement if less 98 mm diameter.											
		7. Cheo moui	ck drive r nting brac	oller and ckets.	idler r	oller fo	or I	oose						
		8. Cheo per s	ck upper side) side	(.010" pe wheel g	er side ap.) and lo	ЗW	/er (.005"						
		9. Ensu posit	ire cell fla ioned.	ags are s	ecure	and pr	op	perly						
		10. Cheo dama	ck MAB L age.	Jnit brus	hes for	wear	an	nd						
		11. Stay asso INSF	bolt inspe ciated S ⁻ PECTION	ection is TAYBOL I which is	include T HAN s a criti	ed in th DS-OI cal tas	ne N sk.							
		For Drive	en Carrie	r cells als	so che	ck:								
		1. Mono (grea is 5 r	Monorail drive rollers for proper diameter (greater than 98mm) and gap behind washer is 5 mm +/- 1 mm (.20" +/04")											
		2. Lowe one	er wheel side)	gap (.00	5" per	side or	.()10" on						
		3. Serv	o Amplifi	er cablin	g and	mounti	ng	j .						
		4. Repl the c	ace any ∣ arrier cel	previous Is	ly remo	oved g	ua	arding for						
		5. Gene Supe	erate corr ervisor as	rective w	ork oro ary.	der and	d r	notify						
		Log the c check an	carrier ce Id ensure	ll numbe all cells	rs che are ch	cked d ecked	ur ol	ing this n a						

U.S. Postal	IDENTIFICATION													
Maintenance	WORK CODE		EQ AC		/ENT NYM		CL	ASS ODE	NU	MBEF	२	TYPE		
			0 3	A P	Ρ	S			Α	Α	0	0	1	М
Equipment Nomenclature	Equipme	nt Model	. <u> </u>			Bulletin File	ename		Occurre	nce				
Automated Packag						mm′	15109			eCE	ЗM			
Syste			l					l						
Part or	Item		Task	Statement	and Ins	struct	ion		Est.	Min.		Thres	hold	S
Component		(Comply wi	th all currer	nt safety	y pre	cautior	ns)	Time Rec	Skill	Run	Piec	es d	Freq.
									(min)	Lev	TIOUIS	(00)	u n)	
												(00)	0)	
		rotationa	I basis.											
		*Multipli	ed By: ′	10% Carr	ier Ce	ell								
SORTER	197**	Check th	ne cond	ition of 1	0% 0	f the	e car	rier cells	1.1*	09	8			
SUBSYSTEM: STAYBOLT		(ariven a	and non	-ariven)	as fol	llow	S:							
HANDS-ON CHECK		WARNIN	IG: Be c	autious t when n	when	wo has	rking s bee	j around n						
		applied.	Some	of the fol	lowin	ng ta	asks	require						
		that the	machin	e be run	ning.	Tak	(e Vinc	toole						
		and test	equipm	nent from	iair, c i bein	ig ca	augh	t in						
		moving	No test equipment noni being edugit in noving parts. VARNING: Verify 70 VDC is not present after opening the Maintenance Test Station Doors											
		WARNIN												
		opening												
		supply.	i ving til			u /	5 V D	~ homei						
		NOTE: A	Il cells a	re check	ed on	a 1	0% rc	otational						
		basis usi	ng the s	preadshe	et to t	tracl	k insp	pections,						
		adjustme	ents, and	l replacer	nents	•								
		1. Rem carri	ove any er cells	guarding	to all	low a	acces	ss to the						
		2. Jog ı main	machine Itenance	to position test stati	on car on are	rier ea.	cells	in the						
		3. Cheo bent	ck carrie , crackeo	r cell stay d, or show	/-bolt f	to ei igns	nsure s of fa	e it is not itigue.						
		4. Cheo exce	ck carrie ssive we	r cell stay ear and p	/-bolt lav.	ball-	joints	s for						
		5. Reco	ord the d	ate and t	he ov	erall	cell	distance						
		from	leading	edge to I	eading	g ed	lge of	f the cells						
		in a s	spreadsl	neet (ava	ilable	on t	he Al	PPS page						
		stay	polts rep	laced. D	ata re	COLC	ded o	n this						
		shee	t will be	used for	adjust	ting	overa	all train						
		repla	in issues	and trac	king s kade	stayl Sto	ooit ore th	is						
		sprea	adsheet	at the Ma	ainten	ance	e Tes	t Station.						
		6. Repl the c	ace any arrier ce	previous Ils	ly rem	nove	d gua	arding for						
		7. Generate corrective work order and notify												

U.S. Postal S	Service					TION	ION						
Maintenance	Checkl	list	WORK CODE		EQU ACF	PMENT ONYM	CL	ASS ODE	NU	TYPE			
			0 3	A P	P S			Α	Α	0	0 1	М	
Equipment Nomenclature)		Equipmen	t Model		1	Bulletin File	ename		Occurre	nce		
Automated Packag	ge Proc	essing					mm	15109			eCBN		
Syster	m												
Part or	Item		Task S	Statement	and Instr	uction		Est.	Min.		Thresholds		
Component	No	(Comply with	h all curren	it safety p	recautio	ns)	Time	Skill	Run	Pieces	Freq.	
								(min)	Lev	Hours	Fed		
								-			(000)		
		Supe	ervisor as	necessa	ary.								
		· *Multipli	ed By: 1	0% Carr	ier Cel	l							
SORTER SUBSYSTEM:	198**	Check s sorter.	tay-bolts	and ba	ll-joint	s while	jogging	0.03*	09	8			
STAYBOLT VISUAL CHECK		WARNIN or on eq applied. that the precauti and test moving	ARNING: Be cautious when working around on equipment when power has been plied. Some of the following tasks require at the machine be running. Take ecautions to prevent hair, clothing, tools, d test equipment from being caught in pying parts										
		Visually cells (dri ^v	Visually check the condition of 100% of the carrier cells (driven and non-driven) as follows:										
		1. From carri carri pass	From a stationary position, jog the sorter carrier cell train and visually check each carrier cell stay-bolt and ball-joint as the cells pass by. Observe for obvious signs of failure. Check carrier cell Stay-Bolt to ensure it is not bent, cracked, or showing signs of obvious fatigue.										
		2. Cheo bent fatig											
		3. Cheo for e	ck carrier xcessive	cell Stay wear an	∕-Bolts d play.	and Ba	II-Joints						
		4. Gen Supe	erate cori ervisor as										
		*Multipli	ed By: C	arrier C	ells								
SORTER	199**	Sort Acc	curacy S	ystem V	alidati	on Tes	t Side 1	45	10	1800			
SUBSYSTEM: SAIS SIDE 1		The follo Improver laser brig system is	wing test nent Sys ghtness h s function	will verif tem is ca as not do ing.	y the S alibrate egrade	ort Acc d prope d, and t	uracy erly, the the						
		1. At th Subs	. At the SMS computer, put the Sorter Subsystem in Maintenance Mode.										
		2. Perfo diagi carri for u	orm the C nostic and er cells w se in the	Carrier Ce d write d hich pas System	ell Belt own the s and a Validati	Health e numb ire acco on Tes	directed ers of two eptable t to follow						
		a. /	At the SM	IS select	Mainte	nance,	Directed						
MMO-131-16

U.S. Postal	Service						I	DENTIFICAT	ΓΙΟΝ				
Maintenance	Checkl	ist	WORK CODE		E	QUIP ACRC	MENT NYM		CL	ASS ODE	NU	MBER	TYPE
			0 3	A P	Ρ	S			Α	Α	0	0 1	М
Equipment Nomenclature)		Equipmer	nt Model				Bulletin File	ename		Occurre	nce	
Automated Packa	ge Proc	essing						mm′	15109			eCBI	Ν
Syster	m												
Part or	Item		Task	Statemen	t and I	nstruc	tion		Est.	Min.		Thresho	olds
Component	No		(Comply wit	h all curre	ent safe	etv pre	ecaution	ns)	Time	Skill	Run	Pieces	Erea
- 1			(- 1)			,,		,	Req	Lev	Hours	Fed	
									(min)	201		(000)	
			Diagnost	ics. Sor	ter, a	nd th	en SA	AIS Test					
		h	Select Co	arrier Ca	all Ro	lt Ho	alth te	ne . con					
		D.											
		C.	to use.	t param Dual side	eter s ed ma	achin	es ma	cn imager ay use					
		4		n ∠. rt Toot									
		u.		n rest.		-4 - 1		41 ··· · ·					
		e.	After the for use as	test is c s a guid	ompl e to i	eted, nves	print tigate	the report and					
			carrier ce	ell belts	e act as re	ion o auire	n sus d. Do	pect not use					
			a listed c	ell in the	follo	wing	Syste	em					
			Validatio	n Test.									
		NOTE: \	When pla	cing the	lase	r vali	datior	h block					
		(PSN 52 measure	220-13-00 ement mi)0-0979 ist he ta) on t ken f	he ce from t	ell, the the fro	e forward					
		of the m	etal plate	on the	carrie	er cel	l, not	the edge					
		of the ca	arrier cell	belt. Th	ne ga	uge l	olock	must be					
		parallel i	to the lea	ding ed	ge of	the o	arrier	cell. If					
		SAIS Op	peration a	and Mai	ntena	ince l	Manua	al.					
		3. Plac	ce laser v	alidatior	n dau	ae bl	ock o	n one of					
		the a	acceptab rier Cell E	le carrie Belt Hea	r cell Ith dia	s not agno	ed fro stic.	m the					
		а	The block	k should	lben	lace	d with	the					
			longest s	ide para	allel to	o the	cross	belt travel					
			(not para	llel to th	e dire	ectior	n of tra	ain travel).					
		b.	The block	k is to b	e plao	ced s	ix incl	hes from					
			the inboa	ird edge Ieading	of th	e cel	l and	six inches					
			the front	of the c	ell.	UT U		a plate at					
		4. At th	ne SMS ir	n the Dii	ected	d Dia	gnost	ics					
		wind Syst	dow selec tem Valid	t Sorter	, SAI est.	S Te	st, and	d then					
		5. Tvn	e the num	nber 1 ir	the	Side	Input	box. For					
		dual	I-sided Al	PPS this	test	will k	e rep	eated by					
		ente	ering 2 an	d then s	startir	ng the	e test.						
		6. In th	ne Good (Cell Inpu	ut box	c type	the r	number of					
		the	cell recor	ded pre	vious	ly wh	ich do	oes not					

U.S. Postal Service					I	IDENTIFICAT	ΓΙΟΝ				
Maintenance Checklist		WORK CODE		EQUI ACR	PMENT ONYM		CL CC	ASS ODE	NL	IMBER	TYPE
		0 3	A P	P S			Α	Α	0	0 1	М
Equipment Nomenclature		Equipmer	nt Model		<u> </u>	Bulletin File	ename		Occurre	ence	
Automated Package Process	ang					mm′	15109			eCBN	1
Oystem											
Part or Item		Task	Statement	and Instru	iction		Est.	Min.		Threshol	ds
Component	(0	Comply wit	h all currer	nt safety p	recautio	ns)	l ime Req	Skill	Run	Pieces	Freq.
							(min)	Lev	TIOUIS	(000)	
	-			-							
	have	the bloc	k placed	on it.							
7.	In the	e Test Ce	ell Input I	black m	e the nu	umber of					
	the c		i nas ine	рюск р	laced c	DH IL.					
8.	Click	Start Te	est.			_					
NC	TE: E	xpected	dimensio	ons of t	ne bloc	k are:					
Lei	ngth =	303.5 m	ım +/- 10	mm							
Wi	dth = '	101.0 mr	n +/- 10 ı	nm							
Не	ight =	50.5 mm	n +/- 10 n	nm							
An	gle = 9	90 degre	es +/- 2 d	degrees							
Ce	nter X	and Y a	re inform	ational	and are	e not					
					202						
9.	Succ	ceeded"	will be di	splayed	283 .						
10.	If the	e test indi	icates " T o	est 283	Failed	":					
	a. ∖ ∖	/erify pro	oper plac i gauge b	ement o block.	of the la	aser					
	b. (v	Clean Im vindows.	ager Car	nera an	d Lase	r					
	c. \ a	/erify that and preve entering t	nt SAIS T enting bri the tunne	unnel c ight am	urtain i pient lig	s closed ght from					
	d. \	/erify me	chanical	alignm	ent of I	mager.					
	e.F r	Re-run th nultiple t	e test. F est failur	Replace es occu	imageı r.	r if					
11.	If on task Test the u box t Cell enter on th If on Diag	a dual-si titled Son Side 2 a iser to ch values an red. Clic ne Side 2 a single- nostics w	ided APF rt Accura t this tim nange the verify the re the sa k Start T Imager. -sided AF vindow a	PS, also cy Syst e. That e value Good me as p rest to p PPS, clo nd use	compleem Val task w of the S Cell and previous perform ose the the	ete the iidation vill direct Side input d Test sly the test Directed					

MMO-131-16

U.S. Postal	Service						l	DENTIFICA	TION					
Maintenance	Checkl	list	WORK CODE		I	EQUIP ACRC	MENT NYM		CL	ASS ODE	NU	MBEF	२	TYPE
			0 3	AF	P	S			Α	Α	0	0	1	М
Equipment Nomenclature	Э		Equipme	ent Model			ľ	Bulletin File	ename		Occurre	nce		
Automated Packag	ge Proc	essing						mm	15109			eCl	BM	
Syste	m													
Part or	Item		Task	Stateme	nt and	Instruc	tion		Est.	Min.		Thres	hold	S
Component	INO	(Comply wi	ith all curi	ent sa	fety pr	ecautio	ns)	Time	Skill	Run	Piec	es	Freq.
									(min)	Lev	Hours	Fe (00)	a ov	
												(00	0)	
		place state from	e the So e, and re the sort	rter Sul move tl ær.	osyste ne Va	em in lidatio	the O on Ga	f fline uge Block						
		13. Gen Supe	erate co	rrective	work	orde	r and	notify						
SUDTED	200**	Sort Acc		Svotore	Vali-	latia	Tee	+ Side 2	10	10	1000			
SUBSYSTEM: SAIS	200			by stem	valic	alio			10	10	1000			
SIDE 2		System i has not o	s calibra degradeo	ated pro d, and t	perly, he sy	the l	aser b is fun	orightness ctioning.						
		NOTE: T with Sort to elimina up steps	This test Accurae ate the r more th	must be cy Syst need to an once	e perf em Va perfo e.	orme alidat rm pr	d in co ion Te e-requ	onjunction est Side 1 uisite set-						
		1. Char and are t Side	nge the v verify the he same 1 test.	value of e Good e as pre	f the S Cell a vious	Side i and T ly en	nput b est Co ered f	oox to 2 ell values for the						
		2. Click	Start T	est.										
		NOTE: E	Expected	l dimen	sions	of th	e bloc	k are:						
		Length =	: 303.5 n	nm +/- ⁻	10 mn	n								
		Width =	101.0 m	m +/- 10	0 mm									
		Height =	50.5 mr	n +/- 10) mm									
		Angle = 9	90 deare	ees +/- :	2 dea	rees								
		Center X used as	(and Y a pass/fail	are infoi criteria	rmatic	onal a	nd ar	e not						
		1. If the will b	e test is s be displa	success yed.	sful, "T	Fest 2	283 Sı	ucceeded"						
		2. If the	e test ind	licates '	Test	283 F	ailed	':						
		a. \	Verify province of the second se	oper pla n gauge	aceme e bloc	ent of k.	the la	aser						
		b. (Clean Im windows	nager C	amera	a anc	Lase	r						
		C. \ 6	Verify that and prev entering	at SAIS renting the tun	Tunr bright nel.	nel cu amb	rtain i ient liç	s closed ght from						

MMO-1	31-16
-------	-------

U.S. Postal S	Service	DENTIFIC	ATION											
Maintenance	Check	list	WORK CODE		EQ A(QUIPI CRO	MENT NYM		CL	ASS ODE	NU	IMBER		TYPE
			0 3	A P	Р	S			Α	Α	0	0	1	М
Equipment Nomenclature			Equipme	nt Model			1	Bulletin F	ilename	<u> </u>	Occurre	ence	1	
Automated Packa	ge Proc m	essing						mn	า15109			eCE	BM	
Oystei														
Part or	Item		Task	Statement	and Ins	struc	tion		Est.	Min.		Threst	nold	s
Component	INO	(0	Comply wit	th all currer	nt safet	y pre	caution	ns)	Time Rea	Skill	Run	Piece	es	Freq.
									(min)	Lev	Hours	Fec	1))	
												(000	,,	
		d. \	/erify me	echanical	l align	mei	nt of l	mager.						
		e.F	Re-run th	ne test. F	Replac	ce ir	nagei	r if						
		r	multiple t	est failur	es oc	cur.	-							
		3. Close	e the Dir	ected Dia	agnos	stics	wind	ow and						
		use t	the Main	tenance	, Set	Mac	hine	States						
		Offli	ne state	and rem	ove th	ubs <u>:</u> ne V	alidat	tion						
		Gau	ge Block	from the	sorte	er.								
		4. Gene	erate cor	rective w	/ork o	rder	and	notify						
		Supe	ervisor as	s necess	ary.									
SMS COMPUTER:	201**	Fire alar	m relay	test.					2	09				26
FIRE ALARM		WARNIN	IG: Be c	autious	when	ו wo	rking	around						
RELATIEST		or on eq applied	uipment	t when p	ower	' ha	s bee	'n						
				S in doni	anod t	to b	o into	aratad						
		into the b	ne AFFS Duildina f	ire alarm	usinc	a an	alarn	n set of						
		contacts	which ar	e closed	wher	n in	a non	-alarm						
		state. W	hen the	facility fir	e alar	rm is	s trigg	ered, the	•					
		relav whi	ich will ca	ause the	APPS	S Fi	e Ala	rm Relav	,					
		to de-ene	ergize.											
		During a	facility F	ire Alarn	n Test	t mo	nitor	the APP	5					
		to see the reported.	at the E-	Stop loo	p ope	ns a	ind th	e fault is						
		1. Site	fire alarn	n relay is	open	ned (typica	ally durin	g					
		site f	ire alarm	i system ne machi	test o	or dr erfo	ill). U rm the	lpon ¬						
		follow	wing step	DS.	ine, p.	0110								
		2. Verif	y the red ating an	l stacklig E-Stop.	ht is il	llum	inateo	b						
		3. Verif	y RTF 28 ated on t	807 FIRE the SMS	E ALA . The	RM SM	ACTI	VE is Clear Fau	lt					
		push	button w	/III be illu	minat	ed.								
		4. Once shou butto	e alarm s Ild recove on to rese	system re er, press et the E-S	elay is the S Stop c	s res SMC circu	et RT C Cle it.	F 2807 ear Fault						
		5. Gene Supe	erate cor ervisor as	rective w s necess	/ork o ary.	rder	and	notify						

MMO-131-16

U.S. Postal Service IDEN									TION				
Maintenance	Check	list	WORK CODE		EQ A(UIP CRO	MENT NYM		CL	ASS ODE	NU	MBER	TYPE
			0 3	A P	Р	S			Α	Α	0	0 1	М
Equipment Nomenclature	Э		Equipme	nt Model	11	I		Bulletin Fi	lename		Occurre	nce	
Automated Packa	ge Proo	cessing						mm	15109			eCBN	1
Syste	m												
Part or	Item		Task	Statement	and Ins	struc	tion		Est.	Min.		Threshol	ds
Component	No	(Comply wi	th all currer	nt safet	y pre	cautio	ns)	Time	Skill	Run	Pieces	Freq.
									Req (min)	Lev	Hours	Fed	
									. ,			(000)	
SMS COMPUTER:	202**	Verify d	atabase	mainten	ance	ре	form	ed.	2	10			1
		WARNIN	NG: Be c	autious	when	n wo	orking	g around					
MAINTENANCE		or on eq	Juipmen	t when p	ower	ha	s bee	n					
		applied.											
		NOTE: I	his task up the D	should b	e com	nple Iv a	ted p	rior to ill reduce					
		Weekly I	Back-up	CD-ROM	l crea	tion	time.	in reduce					
			Database	e Mainten	ance	is ty	/pical	ly					
		schedule	ed to occ	ur autom	atical	ly w	ithin t	he					
		schedule	ance vvir ed using	the SMS	ie day Confi	/ an iaur	d time ation.	e may be					
		At the SI	MS. verif	v that the	e data	bas	e mai	ntenance	•				
		task was the past	perform 7 days b	ed succe by perform	essfull ning th	ly at he f	once in ng steps:						
		1. Usin item	g the Ma , click or	aintenan Search	ce - L	ogt	ook	menu					
		2. Cheo MAI prov	ck the bo NTENAN ided.	ox Incide NCE MES	nt Au SSAG	itho E in	r ther the b	n type box					
		3. Cheo begi seve	ck the bo nning an en days.	ox Incide d end da	nt Cre te ran	eate ige	ed and for the	d enter a e past					
		4. Click	Search	Now.									
		5. If Da entry appe Clos	itabase I / descrip ear. Veri sed withi	Vaintena tion Mair ify this er n the pas	nce w ntena itry ha it seve	vas nce as a en c	med, an dow will s of						
		Initiate th if the tas is done b Databas	ne datab k was no by select s e Maint	ase main ot perforn ing Main enance.	tenan ned as tenan	ice i s sc ice	nanually, ed. This form						
		If necess task sch schedule during th window t	sary, adji edule to ed during ie power using the	enance not v or intenance ttings.	•								
													1

U.S. Postal	Service					IDENTIFIC	ATION					
Maintenance	Check	list	WORK CODE		EQUI ACR	PMENT ONYM		CL	LASS ODE	NU	IMBER	TYPE
			0 3	A P	P S			Α	A	0	0 1	М
Equipment Nomenclature	9		Equipmer	nt Model			Bulletin Fi	ilename		Occurre	ence	I
Automated Packag	ge Proc	essing					mm	า15109			eCBM	
Syste	m											
Part or	Item		Task \$	Statement	and Instru	iction		Est.	Min.		Threshol	ds
Component	No	(Comply wit	h all curren	it safetv r	recautio	ns)	Time	Skill	Run	Pieces	Freq
Component			comply ma		it outory p	locaulio	10)	Req	Lev	Hours	Fed	ricq.
								((((((((((((((((((((((((((((((((((((((((000)	
SMS COMPUTER: DIRECTORIES	203**	Verify superform	uccessfu director	ıl NDSS v distrib	downlo	ad an	d	5	10			1
					when	orking	around					
		or on eq	iuipment	when n	ower h	as bee	g around en					
		applied.	1									
		NOTE: 1	The NDS	S downlo	ad to th	e SMS	S can					
		occur at	any time,	, includin	g durin	g a Ma	il					
		Processi	ng run.	The direc	tory dis	tributic	on <u>must</u>					
		maintena	ance wind	dow.	on por		ne					
		NOTE: I	nitiatina [Directory	Distrib	ition re	auires					
		very little	time. O	nce distr	ibution	has be	gun, it wi	1				
		take fron	n 20 to 35	5 minutes	s to con	plete.	This					
		inability t	to proces	s mail m	av resu	tempo t.	brary					
		1 At th	' ESMS V	erify that	, t the NΓ	ob 22(wnload					
		task	was perf	ormed as	s sched	uled ar	nd that the	е				
		direc	ctory files	are curr	ent. If t	he Loc rform (al manual					
		Direc	ctory Dov	vnload us	sing the		a manuai					
		Com	municati	ons. To	check t	ne vers	sion on					
		the S	SMS:									
		a. 🤅	Select Co	ommunio	cations	- National	onal					
			Directory	/ - DOWN /.		ationa						
		b. \	Verify the same as f	the Rem	SMS) da ote dat	ates ar es (ND	e the SS)					
		с. І	If they are	e not the	same,	click th	e					
			Downloa	d Versic t (the do	on on N Woload	DSS D should	utton and I finish					
		v	within ten	minutes).							
		2. Distr	ibute the	directori	es to al	Image	e					
		Proc	essors u	sing the	Nationa	al Dire	ctory -					
		Sele	ct all ther	n click St	art.	y meni	u option.					
		3. Ifas	single or s	several li	nage P	rocess	ors failed					
		distr	ibution, th	ne distrib	ution pr	ocess	may be					
		repe	ated for t	he targe	ted com	puters	only.					
		Imag	suyate in je Proces	e cause ssors (IP	s) which	e anu (1 do no	of have					

MMO-131-16

U.S. Postal 3	Service						ID	DENTIFICAT	TION					
Maintenance	Check	list	WORK CODE		EQL AC	JIPMEN RONYM	Т		CL C(ASS ODE	NL	IMBE	R	TYPE
			0 3	A P	P S	6			Α	A	0	0	1	М
Equipment Nomenclature Automated Packag System	∍ ge Proc m	essing	Equipme	nt Model				Bulletin File mm1	ename I 5109		Occurre	ence eC	BM	
Part or	ltem		Task	Statement	and Inst	ruction			Fst	Min		Three	shold	s
Component	No	((Comply wit	th all currer	nt safetv	precauti	ons	s)	Time	Skill	Run	Pie	ces	Freq
								- /	Req (min)	Lev	Hours	Fe	ede	1104.
									()			(00	00)	
SMS COMPUTER:	204**	direc other matc NOTE: If distributio which Dir Image Pr National the Imag folder AF	tories will r IPs will hing cur it is des on had b rectory d rocessor Director Director PS subf	hich are of be disab rent direct ired to que een com lates are s, exami ryDates. r comput folder Lo uration,	current ctories. uickly c pleted curren ne the txt whi ter on t gs .	til they determi previou tly in u file ch is lo he D : c	30	10				1		
SOFTWARE BACK- UP		Databas WARNIN or on eq applied. NOTE: It immediat Database At the SM below. NOTE: F APPS So titled Bac Sort Plar 1. Form drive 2. Arch 3. Arch 4. Arch 5. Press (the 0 6. Click 7. Chec writte 8. Wait	e to CD IG: Be c uipmen is recon- tely after Mainte MS comp for speci- for the C	ROM. autious t when p nmendec or withir nance. buter perf fic task s Aodificati abase, C dure. v CD-RO utton whe Database Configura ect buttor not eject) to read o otect CD ain" box t	when yower I ower I to pern a day form th teps, re on Ord configu M. (Do en com S. s . ation F a on the on any of so tha hen cli- to be f	workin has be form th of perf e tasks efer to ler in th ration F o <u>not pr</u> plete). File. e drive comput at it can ck OK.	nis for s lis File res at ter	around task ming sted e current section e and s the this time " ot be						

MMO-1	31-16
-------	-------

U.S. Postal Service IDENTI									TION					
Maintenance	Checkl	ist	WORK CODE		EC A		MENT NYM		CL	ASS DDE	NU	MBER	2	TYPE
			0 3	A P	Ρ	S			Α	Α	0	0	1	М
Equipment Nomenclature) _		Equipmer	nt Model				Bulletin Fil	ename	-	Occurre	nce	1	
Automated Packa	ge Proc m	essing						mm	15109			eCE	ЗM	
Syste	[1]													
Part or	Item		Task S	Statement	and In	nstruc	tion		Est.	Min.		Thres	nold	s
Component	NO	(Comply wit	h all currer	nt safe	ty pre	cautior	ns)	Time Reg	Skill	Run	Piec	es	Freq.
									(min)	Lev	Hours	Fec	ל או	
												(000	,	
		9. Labe infor	el the CD· mation:	-ROM wi	th th	e fol	lowing	9						
		a. (Current s	oftware	versio	on								
		b. S	Site Nam	e and Ma	achin	ne Se	erial N	lumber						
		c. [Date											
		d. (Contents Database	(Configue)	ıratio	n Fil	e, So	rt Plans 8						
		10. Store	e this CD	, -ROM in	the /	APP	S Sof	tware						
		Bind	er along	with the	curre	ent s	oftwar	re media.						
SYSTEM PRE-	205**	Pre-ope	rational	check o	fside	e on	e.		9	10				D
CHECK: SYSTEM	TEM PRE- RATIONAL K: SYSTEM205**Pre-operational check of side one.WARNING: Be cautious when working around or on equipment when power has been applied. Some of the following tasks require that the machine be running. Take precautions to prevent hair, clothing, tools, and test equipment from being caught in moving parts.													
		Before re machine follows:	eturning r and perf	nachine orm ope	to op ratior	perat nal c	ions, : heck :	start as						
		1. Cheo macl	ck warnin hine start	ng horns t-up for p	and I rope	light: r fun	s durir ction.	ng						
		2. Obse revie	erve SMS w systen	S system n log for	statı probl	us so lems	creen	and						
		3. With obse lister atter and i	system r erving tha ning for u ntion to co induction	running, it all belts inusual n onveyor i areas.	walk s are loises bull n	vstem and rticular ne AARS								
		4. Logii appli shor	n to Imag ication by tcut.	je Servei / clicking	r and on tl	star he d	ISGUI p							
		5. Logii the E on th	n to the E DCS Mair ne deskto	DCS Prin ntenance op shortc	nary o scre ut.	com een l	outer by clic	and start king the						
		6. Obse the k mail	erve the f (ORE se present.	FSD Pho nsor indi	otoeyo cates	e sc s uni	reen t blocke	o verify ed with no						

MMO-131-16

U.S. Postal Service IDENT									ΓΙΟΝ				
Maintenance	Check	list	WORK CODE		E(A	QUIP ACRO	MENT NYM		CL	ASS ODE	NU	MBER	TYPE
			0 3	A P	Ρ	S			Α	Α	0	0 1	М
Equipment Nomenclature	e		Equipme	nt Model	1 1			Bulletin File	ename		Occurre	nce	•
Automated Packa	ge Proc	essing						mm	15109			eCBN	
Syste	m												
Part or	Item		Task	Statement	and Ir	nstruc	tion		Est.	Min.		Threshol	ds
Component	No	(Comply wit	th all curre	nt safe	ety pre	ecautio	ns)	Time	Skill	Run	Pieces	Freq.
									Req (min)	Lev	Hours	Fed	
									()			(000)	
		7. Che	ck to ens	ure can	/as is	clos	ed ar	nd secure.					
		8. Print	a test la	bel from	each	n lab	el prir	nter and					
		verif	y label pi	rint quali	ty.								
		9. Gen	erate cor	rective v	vork d	orde	and	notify					
		Supe	ervisor a	s necess	ary.								
SYSTEM PRE-	206**	Pre-ope	rational	check o	fsid	e tw	0.		9	10			D
		WARNIN	NG: Be c	autious	whe	n wo	orking	g around					
SIDE 2		or on eq	luipmen	t when p	owe	r ha	s bee	n .					
		applied.	Some of machine	of the fo e be run	llowi nina	ng t Ta	asks ke	require					
		precauti	ions to p	prevent	hair,	clot	hing,	tools,					
		and test	equipm	ent fron	n bei	ng c	augh	tin					
		moving	parts.										
		Before re machine follows:	and per	machine form ope	to op eratio	perat nal c	ions, heck	start as					
		1. Che mac	ck warnir hine star	ng horns t-up for p	and prope	light: er fun	s durii iction.	ng					
		2. Obs revie	erve SMs w syster	S system m log for	n stati prob	us so lems	creen s.	and					
		3. With obse lister atter and	system erving that ning for un ntion to c inductior	running, at all belt unusual r onveyor n areas.	walk s are noise: bull r	arou runi s. P nose	/stem and rticular ne AARS						
		4. Logi the [on th	n to the I DCS Main ne deskto	DCS Prir ntenance op shorte	nary e Scre sut.	and start cking the							
		5. Obse the ł mail	erve the <ore se<br="">present.</ore>	FSD Pho ensor ind	otoey icate:	e sc s unl	o verify ed with no						
		6. Che	ck to ens	ure can	/as is	clos	ed ar	nd secure.					
		7. Gen Supe	erate cor ervisor as	rective v s necess	vork o ary.	orde	r and	notify					

Maintenance Technical Support Center

U.S. Postal	Service									IDENTIF	ICAT	ION					
Maintenance	Check	list	WC CO	DRK DE			E	QUIP	MENT NYM			CL C	LASS ODE	N	JMBE	ER	TYPE
			0	3	А	Ρ	Ρ	S				Α	Α	0	0	1	М
Equipment Nomenclature	e ao Droc	occina	Equ	ipmer	nt Moo	del				Bulleti	n File	name		Occurr	ence		
Syste	m	essing								1	mm1	5109			e	СВМ	
					_							_	1 1				
Part or	Item No			Task \$	Stater	ment	and I	nstruc	tion			Est.	Min.		Thre	eshold	S
Component	(Comply with all current safety precautions)										Req	SKIII	Run Hours	Pie	eces	Freq.	
												(min)	Lev	Tiouro	(0	00)	
	007**										- 1	4		1			1
FINAL-CLEANUP	207^^	Clean up	э.										All				
		WARNIN or on eq applied.	VG: Be cautious when working around juipment when power has been														
		1. Ensu remo	ure a oved	ll toc from	ols, lu n the	ubric wor	cants rk ar	s, rag ea.	s, etc	., are							
		2. Ensi	ire a	ll eq	uipm	nent	cove	ers a	re in p	olace.							
		3. Repo gene docu activ	ort all deficiencies to your supervisor and arate a work order, per local SOP, to ument and initiate corrective maintenance ity.								nd nce						
		4. Anno perfo	otate orme	y. ate deficiencies found and repairs med in the SMS logbook.													

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

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

ATTACHMENT 3

APPS MASTER CHECKLIST

09-APPS-AA-001-M

Operational Maintenance (Tourly)

Time Total: See Attachment 1

Maintenance Technical Support Center

DENTIFICAT

U.S. Postal S	Service									IDE		ICAT	ION					
Maintenance	Checkl	list	WC CC	DRK DDE			E	EQUIF ACRO	PMEN DNYM	Г			CL C	LASS ODE	N	JMBE	R	TYPE
			0	9	Α	Р	Ρ	S					Α	A	0	0	1	Μ
Equipment Nomenclature			Equ	ipmer	nt Mo	del				E	Bulletir	n Filer	name		Occurr	ence		
Automated Packag	ge Proc m	essing									r	nm1	5109			To	ourly	
Part or	Item			Task	State	ment	and I	nstru	ction				Est.	Min.		Thre	shold	S
Component	INO	("	Comp	oly wit	h all d	currer	nt saf	ety pr	ecauti	ons))		Time Req (min)	Skill Lev	Run Hours	Pie F (0	eces ed 00)	Freq.

SAFETY STATEMENT	1.	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.	1	All		
		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. Only microfiber cloths or gloves, camel hair brushes or 99.9% isopropyl alcohol wipes may be used to clean optical equipment. Report safety deficiencies to your supervisor immediately upon detection.				
		WARNING FOR EWP/PPE: Steps contained in this bulletin may require the use of Personal Protective Equipment (PPE). Refer to the current Electrical Work Plan (EWP) MMO for appropriate PPE and barricade requirements.				
APPS	2.	Check Overall System Condition (Run Tour)	15	10		Т
OPERATIONAL: OPERATIONAL CHECK		Operational maintenance. Perform the following operational maintenance checks at least once per operational (Non-PM) tour. Report unsafe conditions to supervisor immediately. Record all findings in the SMS logbook.				
		WARNING: Be cautious when working around or on equipment when power has been applied. Some of the following tasks require that the machine be running. Take precautions to prevent hair, clothing, tools, and test equipment from being caught in moving parts.				

U.S. Postal	Service					IDENTIFICA	TION				
Maintenance	Check	list	WORK CODE	E	EQUIPMEN ACRONYM	T I	CL C	LASS ODE	NU	IMBER	TYPE
			0 9	A P P	S		Α	Α	0	0 1	М
Equipment Nomenclature	e ne Proc	ressina	Equipmer	nt Model		Bulletin Fil	ename		Occurre	ence	
Syste	m	Jessing				mm	15109			Tourly	,
Denter	14		Taala	04-4			F - 4	N 41		T la	1
Part or	Item No			Statement and		. 、	Est.	Min.		Inreshold	is –
Component		(0	Comply wit	n all current sat	ety precaut	ions)	Req	SKIII	Run Hours	Pieces Fed	Freq.
							(min)	Lev		(000)	
		mach	ine start-	-up for prope	r functior	۱.					
		2 Chec	k for prot	blems with s	tructural i	ntearity of					
		super	visor pla	tform and st	airs to pro	otect from					
		slips,	trips, an	d falls.							
		3. Remo	ove any i	tems placed	on top of	SMCC or					
		enclo	e Server sures wh	ich could da	cessor co image ca	mputer bles or					
		imped	de compi	uter rack air	flow.						
		4. Obse	rve SMS	system stat	us screei	n and					
		review	w past fa	ults for probl	ems. Ev	aluate					
		rates	to identif	fy degraded	performa	nce. Refer					
		to the	current	ÁPPS End c	f Run Int	erpretation					
		MMO	for addit	tional inform	ation.						
		a. E	valuate l	FSD Lost Tra	acking rej	ects by					
		lf	FSD Los	st Tracking is	s areater	than 5% of					
		p	ieces Fe	d for that FS	D follow	up and					
		in "/	vestigate	e causes usi	ng MMO	-003-12					
			ocating F	SD Lost Tra	acking Proven	oblems".					
		b F	valuate l	Induct reject	s and aut	n					
		re	ecoveries	s by examini	ng the pe	rformance					
		si	tatistics a	and quantity	of rejects	for each					
			ane.								
		5. Verify	/ SAI sys	stem(s) are C	online.						
		6. Verify	the Ima	ge Server G	UI is disp	layed on					
		are gi	reen and	processing	images.	FIUCESSUIS					
					0						
APPS OPERATIONAL:	3.	Evaluate Performa	machin ance Rep	e performar port.	nce using	g the APPS	35	10			Т
OERATIONAL		Perform t	• he follow	ing 30 minut	es after t	he start of					
CHECK		a run and	every ru	in hour there	after. Re	efer to					
		MMO-069	9-14 titled	d APPS Perf	ormance	Report Use	ł				
		1. At the	SMS G		ne kepor	ts neading.					
		2. Click	on APPS	S Performar	ice Repo	ort.					

U.S. Posta	I Service						DENTIFICA	TION				
Maintenance	e Check	list	WORK CODE		EQUI ACR	PMENT ONYM		CI C	LASS ODE	NU	IMBER	TYPE
			0 9	A P	P S			Α	A	0	0 1	М
Equipment Nomenclatu Automated Packa Syste	^{re} age Proo em	cessing	Equipmer	nt Model			Bulletin File	ename 15109		Occurre	ence Tourly	
Part or	ltem		Task	Statement	and Instru	ction		Est	Min		Threshold	ls
Component	No		(Comply wit	h all currei	nt safety p	recautio	ns)	Time Req (min)	Skill Lev	Run Hours	Pieces Fed (000)	Freq.
		3. Exar value	nine the f es and co	ollowing mpare tł	report p nem to th	erform ne desi	ance red					
		thres the tl and i Proc Dete mach as ne	shold valu hresholds investigat essing Op rmine if th nine cond ecessary.	es. For , determ e and co perations ne shortf ition and	values t ine caus prrect or s as app alls can I take co	hat do se of sl advise licable be rela rrective	not meet nortfall ated to e action					
		a.		Load	Efficienc	у						
		b.		Feed	Rate							
		C.	categori may be are not s	Singues of Do Used to desingulate	lation Ra ubles ar determir d)	ate (the id Gap e why	e sub- errors pieces					
		d.		Semi	Auto Th	oughp	ut					
		e.		Opera	tional T	hrough	put					
		f.		Machi	ne Acce	pt Rate	Ð					
		g.		Sorted	d per Ru	n Hour						
		h.		Machi	ne Sorte	ed Rate	9					
		i.		Avera	ge Time	to Sw	eep a Bin					
		4. Exan Risk thres the tl and i Oper value will c Auto piece proce rewo	nine the f values ar shold valu hresholds investigat rations as es increas contribute Operator es from th essing ex rk roller ta	ollowing nd comp es. For , determ e or adv necessa e packa to lower will not e Shoe cessive able.	Perform are then values t ine caus ise Proce ary. Incl ge proce through be able Sorter if At-Risk	ance F to the hat do se of sl essing reased essing put as to proc occupi pieces	Report At- e desired not meet nortfall At-Risk costs and the Semi- cess ed by from the					
		a.		Out of	Sort							
		b.		Induct	Rejects							
		C.		Sorter	Rejects							

U.S. Postal	Service					10	DENTIFICAT	ΓION					
Maintenance	Check	list	WORK CODE		EQUIPMEN ACRONYN	NT M		CL	ASS ODE	NU	IMBER		TYPE
			0 9	A P P	S			Α	A	0	0	1	М
Automated Package	∍ ge Pro	cessing	Equipmer	nt Model			Bulletin File	ename		Occurre	nce T		
Syste	m						mm	15109			Tou	пy	
Part or	Item		Task	Statement and	Instruction			Est.	Min.		Thresh	old	S
Component	NO	(Comply wit	h all current sa	fety precau	ition	is)	Time	Skill	Run	Piece	es	Freq.
								(min)	Lev	TIOUIS	(000)	
											(,	
		d.		VCS Key	er Reject	s							
		e.		Semi-Aut	o VCS Ke	er Rejects							
		f.		VCS Time	eouts								
		g.		AARS Re	ejects								
		h.		AARS Re	circulatio	n F	Rejects						
		i.		Sweep R	ecirculatio								
APPS	4.	Visually	Check F	SD Section	- Side 1	(R	un Tour)	40	09				Т
FSD FUNCTION SIDE 1		WARNIN or on eq The follo	G: Be ca uipment wing tas	utious whe when powe ks require	en workir er has be that the	around applied. achine							
		clothing caught in	ng. Také , tools, a n moving	nd test equ parts.	lipment f	ror	nt nair, m being						
		1. While vanta move Supe	e machine age point ement. N ervisor for	e is operatin to view FSE ote all defic scheduling	ig, obtain) Belts ar iencies ai	an nd r nd	elevated mail submit to						
		a. C 1 C ti b	Dbserve r layer de Control M he Port si pe singula unnel.	nail singulat ep when rea odule. Piec ide of the De ited prior to	ion. Mail aching the es should elta Wing entering	l sh e T d m ⊨an the	nould be iraffic higrate to hd should AARS						
		b. C p tr V b	Dbserve a problems ears, fray /erify incli packwards	all unstacker or signs of c ing or lamin ine conveyo s under norr	⁻ belting fo damage s ate sepai ors do not mal load.	or t suc rati : sli	tracking h as ion. p						
		c. C p a s p	Dbserve T proper ope attempt to lowing be present.	Fraffic Contr eration. The singulate s elts when m	ol Module e TCM sh ide-by-sic ultiple pie	e (1 nou de l ece	FCM) for ld pieces by s are						
		d. C c fi	Dbserve E operation. unctioning	Delta Wing r Note any c g rollers.	ollers for Jamaged	pro or	oper non-						

MMO 121 16

Mainte _:. ~h 40 .

IVIIVIO-131-16								IVIa	unt	ena	nce	e rec	nnic	ai Sup	port C	enter
U.S. Postal	Service								IDE	NTIF	ICAT	ION				
Maintenance	Check	lis	t	WORK CODE			E(A		Г			CL C	ASS ODE	NU	IMBER	TYPE
				09	Α	Ρ	Ρ	S				Α	Α	0	0 1	Μ
Equipment Nomenclatur Automated Packa Syste	^{re} age Pro em	ces	ssing	Equipme	nt Mo	del			В	ulletir r	n File mm1	name 5109		Occurre	ence Tourly	,
Part or	Item			Task	State	ment	and Ir	struction				Fst	Min		Threshol	ds
Component	No			(Comply wi	th all o	currer	nt safe	tv precauti	ons)			Time	Skill	Run	Pieces	Freq
Component				(comply m		Surror		ly proceed	0110)			Req (min)	Lev	Hours	Fed (000)	Ticq.
						0	5 4 4		_				1		T	1
			e.	Observe I tracking is	belts ssue	Sx- s or	5-1 tř belt l	aminate	x-5- sep	4 fo arati	r ion.					
			f.	Observe (issues, se damage.	cente evere	er be beli	elt Sx t wea	-3-1 for ti ir, slippin	rack Ig, c	king or						
			g.	Observe v issues, se	vertio evere	cal b e beli	elt Sa t wea	k-4-2 for Ir or dam	trac age	king	I					
			h.	Observe l tracking is damage.	belt (ssue:	Cx-1 s, se	-1 thi evere	ru Cx-2-2 belt wea	2 for ar or							
			i.	Verify AA the Messa	RS T age b	Tunn boar	el cu d is c	rtain is cl	lose al.	ed ar	nd					
			j.	Observe l Dx-2-1 fo separatio	belts r trac n.	Dx- cking	1-1 tł g issu	nrough D es or bel	x-1- It lar	-4 ar nina	nd ate					
		2.	Whil circu unde any prob	le machin umference erneath 9 sounds o olems:	e is o e of t 0 deg r smo	oper he F gree ells i	ating SD fi curv indica	, walk the rom Feed es. Be a ating med	e ful d be war char	ll elt to re of nical						
			a.	Observe PUN). Ve photoeyes operating container	unloa erify f s req the reter	ader that juire unlo ntior	oper Safe a res ader. hare	ation (3 / ty Barrier set prior f Verify t dware is	APC to hat in p	CU o lace	r					
			b.	Check flu Oil level s glass. Fil replacem psi during	id an shoul ter s ent if ope	d filt d be houl f filte eratio	ters (from d be r pre on.	3 APCU 1 2/3 to fu schedule ssure rea	or F ull o ed fo ache	PUN) n sig or es 20). ght D					
			C.	Visually ir through P Fx-1-1 be belt to da	nspe Plexig It sla mage	ct sid glas (ack is e cal	de of guaro s not bles i	Fx-1-1 C ling to ve sufficient undernea	Conv erify t to ath.	/eyo that allov	or t W					
			d.	Observe f (approxim and repor	for pr nately t def	rope y 15 ïcier	r load piece ncies	ding by C es per 5 t to Opera)per feet atior	ation of b	ns oelt)					

Operations should feed in response to

U.S. Postal S	Service									IDEI	NTIFIC	ATION					
Maintenance	Checkl	ist	WC CO	DRK DE			E	QUIF ACRC	MENT NYM			CI C	_ASS ODE	NU	JMBE	R	TYPE
			0	9	А	Ρ	Ρ	S				Α	A	0	0	1	М
Equipment Nomenclature	-		Equ	ipmer	nt Mo	del				Bu	ulletin F	lename		Occurre	ence		
Automated Packag Syster	ge Proc m	essing									mn	n15109			То	ourly	
	•																
Part or	Item		-	Task \$	State	ment	and I	nstruc	tion			Est.	Min.		Thre	shold	S
Component	INO	(Comp	ly wit	h all d	currer	nt safe	ety pr	ecautio	ns)		Time Req (min)	Skill Lev	Run Hours	Pie Fr	eces ed 00)	Freq.

Recirculation Conveyor volumes:	
 If volumes are more than three to five pieces every ten to fifteen seconds (optimal rate) then the Feed Rate should be reduced to achieve this recirculation volume. 	
2.) If no mail is coming to recirculation belt, Operators should increase Feed Rate until the target recirculation flow is achieved.	
3.) Optimal feeding is achieved when a slight trickle of mail is routinely observed at the Recirculation belt, meaning the Semi-Auto Operator is being supplied with mail but not overwhelmed. This typically will result in a Feed Rate greater than 5,000 pieces per hour.	
4.) If Feed Rates above 5,000 pieces an hour cannot be maintained with the recirculation volume stated above, maintenance should investigate causes of poor singulation or lost tracking.	
5.) If a Feed Rate of over 5,500 pieces per hour cannot be achieved regardless of recirculation volumes, verify that Traffic Control KORE sensor is not blocked and that the unstacker belts are not slick and failing to pull mail uphill in the unstacker.	
e. Verify that DCS Maintenance Screen is displayed on the DCS Primary computer and that photoeye counts for S1 through S5 are relatively equal. Investigate any significant anomalies.	
f. Verify that scale weights displayed are reasonable and packages are not reading negative weight. Verify scale is zeroed	

EQUIPMENT NUMBER WORK CLASS TYPE **Maintenance Checklist** CODE ACRONYM CODE 0 9 А Ρ Р S A 0 0 1 Μ А Equipment Nomenclature Equipment Model **Bulletin Filename** Occurrence Automated Package Processing mm15109 Tourly Svstem Part or Item Task Statement and Instruction Est. Min. Thresholds No Time Skill Component (Comply with all current safety precautions) Pieces Run Frea. Req Hours Fed Lev (min) (000) when no mail is passing over it. g. Verify package type shown on Semi-Auto LED display matches mail type being run (Parcel, Flat Bundle, or Letter Bundle). h. Verify there is no debris within the tunnel which will degrade with belt, photoeve, or camera operation. Walk under the High-Speed and Incline i. Curves. Look for belt debris falling from outer edge of belt indicating rib damage. Listen for obvious bearing problems. Inspect Incline and High Speed Turn j. gearboxes for leaks, loose hardware, or excessive noise. Observe Recirculation conveyors for belt k. condition and excessive noise. Ι. Inspect Shoe Sorter gearbox for leaks, loose hardware, or excessive noise. APPS Visually Check FSD Section - Side 2 (Run Tour) 40 09 т 5. OPERATIONAL: WARNING: Be cautious when working around **FSD FUNCTION** or on equipment when power has been applied. SIDE 2 The following tasks require that the machine be running. Take precautions to prevent hair, clothing, tools, and test equipment from being caught in moving parts. 1. While machine is operating, obtain an elevated vantage point to view FSD Belts and mail movement. Note all deficiencies and submit to Supervisor for scheduling. Observe mail singulation. Mail should be a. 1 layer deep when reaching the Traffic Control Module. Pieces should migrate to the Port side of the Delta Wing and should be singulated prior to entering the AARS tunnel.

Observe all unstacker belting for tracking problems or signs of damage such as

Maintenance Technical Support Center

IDENTIFICATION

b.

MMO-131-16

U.S. Postal Service

U.S. Postal	Service						I	DENTIFICAT	ΓION					
Maintenance	Check	list	WORK CODE			EQUIP ACRC	MENT NYM		CL	ASS ODE	NU	JMBE	R	TYPE
			09	Α	ΡI	PS			Α	Α	0	0	1	М
Equipment Nomenclature	e ae Proc	ressina	Equipme	nt Mod	el			Bulletin File	ename		Occurre	ence		
Syste	m	Jocomig						mm′	15109			To	ourly	
Dantan	14		Taala	04-4-			4 ¹		F - 4	N Alia		T I		-
Part or	No		Task	Statem	ient an	a instruc	uon)	ESI.	win.		Inre	snola	s
Component		(Comply wit	in all cl	urrents	satety pre	ecaution	ns)	Req	SKIII	Run Hours	Pie	eces ed	⊦req.
									(min)	Lev		(0	00)	
		C.	tears, fra Verify in backwar Observe	aying cline rds ur e Traff	or lar conve nder r fic Co	minate eyors d normal ontrol M	separa o not load. odule	ation. slip (TCM)						
			for prope attempt by slowi are pres	er ope to sin ng be ent.	eratio Igulat elts wl	n. The e side-l hen mu	TCM by-sid Itiple	should e pieces pieces						
		d.	Observe operatio function	e Delta n. No ing ro	a Wir ote ar Illers.	ng rollei ny dam	s for p aged o	oroper or non-						
		e.	Observe tracking separati	e belts issue on.	s Sx-5 es or l	5-1 thro belt lan	ugh S ninate	Sx-5-4 for						
		f.	Observe issues, s damage	e cent sever	er be e belt	lt Sx-3- wear,	1 for t slippir	tracking ng, or						
		g.	Observe issues, s	e verti sever	cal be e belt	elt Sx-4 t wear o	-2 for or dam	tracking nage.						
		h.	Observe tracking damage	e belt issue	Cx-1- es, se	-1 thru vere be	Cx-2-2 elt wea	2 for ar or						
		i.	Verify A and the	ARS [.] Mess	Tunn age b	el curta board is	in is c opera	losed ational.						
		j.	Observe and Dx- laminate	e belts 2-1 fo e sepa	s Dx-´ or trac aratio	1-1 thro king is: n.	ugh E sues c	0x-1-4 or belt						
		2. Whil circu unde any prob	e machir Imferenc erneath 9 sounds c Iems:	ne is c e of tl 00 deg or sme	opera he FS gree o ells in	ting, wa SD from curves. idicating	alk the Feed Be a g mec	e full l belt to ware of hanical						
		а.	Observe PUN). V photoey operatin containe	e unlo /erify es reo g the er rete	ader that quire unloa ention	operati Safety a reset ader. N hardw	on (3 Barrie prior ′erify t are is	APCU or r to hat in place.						
		b.	Check fl	uid aı	nd filt	ers (3 A	APCU	or PUN).						

	Sonico							IVICI					pon o	
U.S. Postar	Service								DENTIFICA	HON				
Maintenanco	Check	list	WORK	ΥŢ		E		MENT		CI	ASS	NL	JMBER	TYPE
wantenance	SHECK	iist	CODE				AURO	IN Y IVI		С	UDE			
			09)	A P	Ρ	S			Α	A	0	0 1	М
Equipment Nomenclature	e 	!	Equipm	ient	t Model				Bulletin File	ename		Occurre	ence	
Automated Packa	ge Proc	essing							mm	15109			Tourly	
Syste	111												-	
Part or	Item		Tas	k S	tatement	and I	nstruct	ion		Est.	Min.		Threshold	ls
Component	No		(Comply)	with	all curre	nt saf	etv nre	cautio	ns)	Time	Skill	Run	Pieces	Freq
Component			(comply (vici		int our	oty pro	ouuloi	10)	Req	Lav	Hours	Fed	TTEY.
										(min)	Lev		(000)	
													(000)	
	,									r	1			
			Oil lev	el s	should	be fr	om 2/	3 to f	ull on					
			sight g	las	ss. Filte	er sh	ould b	be scl	neduled					
			for rep	lac du		IT TIIL(er pre	ssure	e reaches					
			20 psi	uu	nng op	erau	on.							
		C.	Visuall	y i	nspect	side	of Fx	-1-1 (Conveyor					
			throug	h F	Plexigla	s gu	arding	g to v	erify that					
			Fx-1-1	be	elt slack	(IS N	ot sut	ficien	t to allow					
			Delt to	da	image o	cable	es unc	ernea	ath.					
		d.	Observ	ve	for prop	ber lo	bading	g by						
			Opera	tio	ns (app	roxir	nately	/ 15 p	ieces per					
			5 feet	of	belt) an	d rep	port d	eficie	ncies to					
			Opera	loi	ns. Op	eratio	ons si	nould	feed in					
			respon	ise	e lo Rec	ircui	allon	Conv	eyor					
			volume	55.										
			1.) If vo	lur	nes are	e moi	re tha	n thre	ee to five					
			piec	es	every t	en to	o fiftee	en se	conds					
			(opt	ima Jud	al rate)	then	the F	eed I	Rate					
			snou	มน วาน	De reu Vation v	uceo	i lo ac	meve	etnis					
			Tech	cu		oluli	ie.							
		2	2.) If no	m	ail is co	omin	g to re	ecircu	lation					
			belt,	0	perator	s sh	ould i	ncrea	se Feed					
			Rate	e u	ntii the	targe	et rec	ircula	tion flow					
			is ac	110	eveu.									
		3	3.) Opti	ma	al feediı	ng is	achie	eved v	when a					
			sligh	nt t	rickle o	fma	il is rc	outine	ly					
			obse	erv	ed at the		ecircu	lation	i belt,					
			mea	inir a c	ng the s	semi	-Auto h mai	Oper	rator is					
				'y ∶ 'w∤	helmed	u wiu Thi	is tvni	cally	will result					
			ina	Fe	ed Rat	e are	eater t	han f	5.000					
			piec	es	per ho	ur.			,					
		,	1) If ⊑∽		Ratas	aho		100 mi	aces an					
		-	hou		annot h	e ma	ve J,c aintair	ned w	ith the					
			reci	cu	lation v	olum	ne sta	ted a	bove.					
			mair	nte	nance	shou	ld inv	estiga	ate					
			caus	ses	s of poc	or sin	gulati	on or	lost					
			trac	kin	g.									
		ŗ	5.) If a l	Fe	ed Rate	e of c	over 5	500	pieces					
		,	per	ho	ur cann	ot be	e achi	eved						
			rega	ard	less of	recir	<u>cul</u> atio	on vo	lumes,					

U.S. Postal	Service											
Maintenance	Check	list	WORK CODE		EQUIPMEN ACRONYM	Г	CI C	LASS ODE	NU	JMBE	R	TYPE
-			0 9	AP	PS		Α	A	0	0	1	М
Equipment Nomenclature Automated Packag Syste	∍ ge Proo m	cessing	Equipme	nt Model		Bulletin File	ename 15109		Occurr	^{ence} To	urly	
Part or	Item		Task	Statement ar	nd Instruction		Est.	Min.		Three	shold	6
Component	NO	((Comply wi	th all current	safety precauti	ons)	Time Req (min)	Skill Lev	Run Hours	Pier Fe	ces ed 00)	Freq.
		e. f. g. h. i. j. k. l.	verify sense unsta to pul Verify th displaye and that S5 are r significa Verify th reasona reading zeroed v Verify pa Auto LE being ru Bundle) Verify th which w camera Walk un Curves. outer ec Listen fo Inspect gearbox excessiv Observe conditio	that Traffic or is not blo icker belts Il mail uphi hat DCS Mile d on the D t photoeye relatively event ant anomali hat scale w able and part negative w when no m ackage typ D display n in (Parcel, - bere is no co vill degrade operation. here is no co vill degrade operation.	c Control KC bocked and th are not slick ll in the unst aintenance OCS Primary counts for S qual. Invest ies. eights displa ckages are veight. Veri- nail is passir be shown on matches ma Flat Bundle debris within with belt, p gh-Speed an belt debris fa indicating ril bearing pro d High Spee s, loose han tion convey essive noise er gearbox f	DRE hat the c and failing tacker. Screen is r computer S1 through tigate any ayed are not fy scale is ig over it. Semi- il type , or Letter the tunnel hotoeye, or ad Incline alling from b damage. blems. d Turn rdware, or ors for belt for leaks, noise.						
DISTRIBUTION SUBSYSTEM: SHOE SORTER OPERATION SIDE 1	6.	Observe (Run Tou WARNIN or on eq The follo	Shoe Sour). IG: Be ca uipment owing tas	orter Oper autious wl when pov sks requir	ration on si hen workin wer has bee e that the n	de one g around en applied. nachine cont hair	10	09				Т

U.S. Postal S	Service									IDEN	NTIFICAT	ΓION					
Maintenance	Checkl	ist	WC CO)RK)DE			E	Equip Acro	MENT	•		CI C	_ASS ODE	N	UMBI	ΞR	TYPE
			0	9	A	Ρ	Ρ	S				Α	A	0	0	1	М
Equipment Nomenclature	, 	_	Equ	ipmer	nt Mo	del				Bu	lletin File	ename		Occurr	ence		
Automated Packag	je Proc m	essing									mm	15109			То	ourly	
Part or	Item			Task S	State	ment	and	Instruc	tion			Est.	Min.		Thre	eshold	IS
Component	NO	((Comp	ily wit	:h all o	currei	nt saf	ety pro	ecautio	ons)		Time Req (min)	Skill Lev	Run Hours	Pie F (C	eces ed 000)	Freq.

		clothing, tools, and test equipment from being caught in moving parts.				
		While machine is operating, obtain an elevated vantage point to view top of the Shoe Sorter. Observe the following:				
		 Are packages being placed at center of shoe assemblies? 				
		Is the Shoe Sorter pushing phantom packages?				
		Are shoes moving smoothly with no erratic motion?				
		 Observe the multiports on the side of the DX- 1-5 and DX-2-1 conveyor for indications of flickering photoeyes. 				
		 Note any deficiencies and initiate scheduling of corrective action. 				
DISTRIBUTION SUBSYSTEM:	7.	Observe Shoe Sorter Operation on side two (Run Tour).	10	09		Т
SHOE SORTER OPERATION SIDE 2		WARNING: Be cautious when working around or on equipment when power has been applied. The following tasks require that the machine be running. Take precautions to prevent hair, clothing, tools, and test equipment from being caught in moving parts.				
		While machine is operating, obtain an elevated vantage point to view top of the Shoe Sorter. Observe the following:				
		 Are packages being placed at center of shoe assemblies? 				
		Is the Shoe Sorter pushing phantom packages?				
		3. Are shoes moving smoothly with no erratic				

U.S. Postal Service									I	IDENTIFICA	TION					
Maintenance	Maintenance Checklist						E	EQUIP ACRC	MENT NYM		CI C	LASS ODE	N	JMBEF	२	TYPE
			0	9	Α	Ρ	Ρ	S			Α	A	0	0	1	М
Equipment Nomenclature Automated Packag Syster	essing	Equi	ipmer	nt Mo	del				Bulletin Fil mm	^{ename} 15109		Occurre	ence Tou	ırly		
Part or	Part or Item						and I	nstruc	tion		Est.	Min.		Thres	hold	s
Component		(1	Comp	iy wit	h all (currei	nt saf	ety pr	ecautio	ns)	Req (min)	Lev	Run Hours	Piec Fee (000	es d 0)	Freq.

		 Note any deficiencies and initiate scheduling o corrective action. 	f			
SORTER SUBSYSTEM: SORTER FUNCTION	8.	Check Sorter Condition & Function (Run Tour). WARNING: Be cautious when working around or on equipment when power has been applied The following tasks require that the machine be running. Take precautions to prevent hair, clothing, tools, and test equipment from being caught in moving parts.	0.1*	09		Т
		 While machine is operating, obtain an elevated vantage point to view top of sorter train. 	1			
		 a. Observe sorter train for one full lap watching cells as they pass. Note any missing, or damaged Carrier Cell Slider Plates, or Crossbelts. 				
		 b. Observe sorter cell movement in relation to adjacent cells. Cell tops should remain level with smooth motion. Note areas of the sorter where cells appear to be hitting a bump, or particular cells which are moving erratically. 				
		2. Walk the full circumference of the sorter:				
		 Listen for collector brushes clicking as they pass over power rail isolators. Note locations of excessive collector noise or other items of note. 				
		 b. Observe condition of Horsehead (OIP) assemblies and stacklights for damage. Note any items requiring attention. During "end of run with sweep" events, note any bin-full lights which are not flashing and may need bulbs replaced. 				
		*Multiplied By: Carrier Cells				
IMAGE AARS: IMAGE QUALITY	9.	Inspect image quality at the APPS Monitor Display (AMD) computer.	3*	10		Т
		Perform the following either during or after a run to evaluate image quality from all cameras:				

U.S. Postal		ł							IDE	NTIFICA	TION						
Maintenance	Checklist	t	WO CO	RK DE			E	EQUIF ACR('MENT DNYM	Γ		CI C	LASS ODE	NU	JMBE	R	TYPE
			0	9	А	Ρ	Ρ	S				Α	A	0	0	1	М
Equipment Nomenclature Automated Packag Syste	sing	Equi	pmer	nt Mo	del				В	ulletin Fil mm	^{ename} 15109		Occurr	ence To	ourly		
Part or	Item		Т	ask	State	ment	and I	Instruc	ction			Est.	Min.		Thre	shold	S
Component	NO	(C	(Comply with all current safety preca							ons)		Time Req (min)	Skill Lev	Run Hours	Pie F	eces ed 00)	Freq.

1. At the AMD GUI click on the Review button.	
2. Click on a date for images to be reviewed, and then click V iew .	
3. The Runs dialog box will open and display the following:	
a. Capture time	
b. Run Number	
c. Operation Number (000 typically indicates the run in progress. Data for that run has not yet been transferred to the AMD).	
d. Number of pcs. for that run	
4. Double click on the desired run number of a run which is not Operation Number 000. The Images Review window will open and display the following data:	
a. Capture Time	
b. Run Number	
c. Serial # (Mailpiece ID)	
d. Side (1 or 2)	
e. Number of Images (Typically 1, 2 or 4 images. 1 for Semi, 2 a short item thru the tunnel, or 4 for a normal package thru the tunnel)	
5. Select mailpieces which have 1 or 4 images by clicking to highlight then clicking View . Pieces with one image will typically be from the Semi-Auto and pieces with 4 images will be from the AARS tunnel with images from both sides, top and bottom.	
6. Review the displayed images for contrast, focus, and proper framing. Perform this inspection for five images from each of the five cameras for each APPS side.	
7. To zoom in on an image, double click on the image displayed and an additional window will open which allows a drag and zoom on the	

operation.

*Multiplied By: Sides

U.S. Postal S						11	DENTIFICA	TION					
Maintenance	Checkl	ist	WORK CODE		E /	QUIPI ACRO	MENT NYM		CI	_ASS ODE	NU	IMBER	TYPE
			0 9	A P	Ρ	S			Α	A	0	0 1	М
Equipment Nomenclature			Equipmer	nt Model				Bulletin Fi	lename		Occurre	ence	
Automated Packa	ge Proc m	essing						mr	15109			Tourly	
Part or	Item		Task	Statemen	t and li	Est.	Min.		Threshold	ls			
Component	NO	(Comply wit	Run	Pieces	Freq.							
									(min)	Lev	Hours	Fed	
									()			(000)	
		image	e to verify	y addre	ss ele	men	s are						
		reada windo	able. Clic ow.	ck the c	orner	x to (close	this					
	3	3. Initiat not w contra for as prope	nitiate corrective action for images which are not well framed, in focus and having sufficient contrast to be readable. Refer to MMO-101-0 or assistance in "Tweaking" the image for proper framing.										
	9	9. Click	Exit Rev	/iew to	return	the	AMD	to norma	1				

Maintenance Technical Support Center MMO-131-16 U.S. Postal Service IDENTIFICATION WORK EQUIPMENT CLASS NUMBER TYPE **Maintenance Checklist** CODE ACRONYM CODE 0 9 A P Ρ S Α 0 0 1 Μ А Equipment Nomenclature Equipment Model **Bulletin Filename** Occurrence Automated Package Processing mm15109 Tourly System Part or Item Task Statement and Instruction Est. Min. Thresholds No Component (Comply with all current safety precautions) Time Skill Pieces Run Freq. Req Hours Fed Lev (min) (000)

THIS PAGE BLANK

ATTACHMENT 4

APPS MASTER CHECKLIST

09-APPS-AA-002-M

Operational Maintenance (Daily)

Time Total: See Attachment 1

U.S. Postal S	U.S. Postal Service								· · ·	IDE	ENTIFIC	ATION					
Maintenance	Checkl	ist	WO CC)RK)DE			E	QUIP		Г		C C	LASS ODE	N	UMBE	ĒR	TYPE
			0	9	Α	Ρ	Ρ	S	i			Α	A	0	0	2	М
Equipment Nomenclature	quipment Nomenclature				nt Mo	del				В	Bulletin F	ilename		Occurr	ence		
Automated Package Processing System											mn	n15109			D	aily	
				_	_	_		_		_		· _					
Part or	Item	1	ר	Fask \$	Stater	ment	and I	nstruc	;tion			Est.	Min.		Thre	eshold	S
Component	NO	(0	Comp	ly wit	h all c	ourrer	nt safe	ety pro	∍cautio	ons)	1	Time Req (min)	Skill Lev	Run Hours	Pie F (0	eces ed 000)	Freq.

SAFETY STATEMENT	1	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.	1	All		
		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. Only microfiber cloths or gloves, camel hair brushes, or 99.9% isopropyl alcohol wipes may be used to clean optical equipment. Report safety deficiencies to your supervisor immediately upon detection.				
		WARNING FOR EWP/PPE: Steps contained in this bulletin may require the use of Personal Protective Equipment (PPE). Refer to the current Electrical Work Plan (EWP) MMO for appropriate PPE and barricade requirements.				
APPS OPERATIONAL: INDUCT FUNCTION SIDE 1	2	Check Induction Condition - Side 1 (Daily) WARNING: Be cautious when working around or on equipment when power has been applied. The following tasks require that the machine be running. Take precautions to prevent hair, clothing, tools, and test equipment from being caught in moving parts.	30	09		D
		 While machine is operating, obtain an elevated vantage point to view top of Induction belts, outside of the interlocked Induction Area. Observe the following: 				

U.S. Postal S	Service						I	DENTIFICAT	ΓION				
Maintononaa	Chaski	-		WORK		EQUI	PMENT		CL	ASS	NL	IMBER	TYPE
Maintenance	Спескі	ISt		CODE		ACR	ONYM		С	ODE			
				0 9	A P	P S			Α	A	0	0 2	М
Equipment Nomenclature)			Equipmer	t Model			Bulletin File	ename		Occurre	ence	
Automated Packag	ge Proc	essi	ng					mm′	15109			Daily	
Syster	m												
Part or	Item			Task S	Statement	t and Instru	uction		Est.	Min.		Threshold	ls
Component	No			(Comply with	h all curre	nt safety p	recautio	ns)	Time	Skill	Run	Pieces	Freq.
									Req (min)	Lev	Hours	Fed	
												(000)	
r1												1	1
		á	a.	Verify that	all indu ssing m	ct lanes	are rec	causes					
				of frequen	t Auto-r	ecoverie	s or jar	ns.					
		ł	b.	Observe a	III four la	anes for	proper						
				placement	onto th	e sorter.	Ideal	package					
				placement	is desc s & Mai	ribed in	the SA Manu	l al					
			~					trocking					
		,	0.	issues or b	belt dan	nage.	ovious	uacking					
	2	2. \	Whe	en clearing	any Au	ito-Induc	verify that:						
		á	a.	The blue I	nduct S	tacklight	flashe	S.					
		ł	b.	Induct me	ssage b	oards ar	e opera	ational.					
		(C.	The "Requand mail s when pres	iest Acc tops for sed.	ess" but the lane	ton illu being	minates accessed					
		(d.	The acces and lanes have exite	s gates restarte d the in	are not d until a terlocked	being o Il perso d area.	closed onnel					
		3. <i>i</i>	At ti folic	ne Semi-Ai wing:	uto Indu	iction La	ne, obs	serve the					
		é	a.	Check for of Semi-A and stairs falls.	problen uto Indu to prote	ns with s action Sta act from s	tructura ation pl slips, tr	al integrity atform(s) ips, and					
		ł	b.	Semi-auto Message I									
		(c. Semi-auto roller tables do not have "dead spots" requiring frequent use of tools to pull mail to the Semi-auto operator.										
		(d.	Verify that reasonable negative w when no n	scale v e and p veight. nail is p	veights d ackages Verify sc assing o	isplaye are no ale is z ver it.	ed are t reading zeroed					
		(e.	Verify the operationa	"Three al.	Button B	ox" is						

U.S. Postal Service IDENTIFIC								TION				
NA = 1 = 4 =		11-4	WORK		EQUIPM	IENT		CL	ASS	NU	MBER	TYPE
waintenance	Cneck	list	CODE		ACRON	IYM		C	ODE			
			0 9	A P	P S			A	A	0	0 2	М
Equipment Nomenclature	9		Equipmer	nt Model	·		Bulletin File	ename		Occurre	nce	
Automated Packag	ge Proo	cessing	1				mm1	15109			Daily	
Syster												
Part or	Item No		Task	Statement	and Instructi	on		Est.	Min.		Threshold	ls
Component	110		(Comply wit	h all currei	nt safety prec	autior	ns)	Time Reg	Skill	Run Hours	Pieces Fed	Freq.
								(min)	Lev		(000)	
											. ,	
		f.	Mail is bei	ing fed a	ddress up	, squ	are to the					
			direction of	of belt tra	avel (only a	angle	very					
			right of the	ages to Semi-A	ute templa	ate) a ead" l	line.					
		a.	Investigat	e cause	if large vol	ume	s of mail					
		3.	are being	returned	I on the Re	worl	<					
			Conveyor	to the le	eft of the op	or.						
APPS	3	Check	Induction	Conditi	on - Side ź	2 (Da	aily)	30	09			D
OPERATIONAL:		WARN	IING: Be ca	utious	when wor	king	around					
SIDE 2		or on a	equipment	when p	ower has	beer	n applied.					
		be run	ning. Take	e precau	itions to p	oreve	ent hair,					
		clothi	ng, tools, a	nd test	equipmen	t fro	m being					
		caugn	t in moving	j parts.								
		1. W	nile machine	e is oper to view t	ating, obta top of Indu	an ar	n elevated belts					
		ou	tside of the	interlock	ked Inducti	on A	rea.					
		Ot	serve the fo	ollowing								
		a.	Verify that	t all indu	ct lanes ar	e rec	ceiving					
			of frequen	t Auto-re	ecoveries	or jar	ns.					
		b.	Observe a	all four la	ines for pro	oper	package					
			placemen	t onto th	e sorter. I	deal	package					
			placemen Operation	t is desc s & Mair	ribed in the	e SA /lanu	l al.					
		C	Observe i	nduct be	elts for obv	ious	tracking					
		0.	issues or belt damage.									
		2. W	nen clearing	g any Au	to-Induct ja	am, \	verify that:					
		a.	The blue I	nduct St	tacklight fla	ashe	S.					
		b.	Induct me	ssage b	oards are	opera	ational.					
		C.	The "Requ	uest Acc	ess" butto	n illui	minates					
			and mail s	stops for	the lane b	eing	accessed					
		-				lun cr	lagad					
		d.	and lanes	ss gates restarte	are not be d until all r	eng o berso	nnel					

U.S. Postal	Service									ID	ENT	IFICAT	ION					
Maintonanco	Chackli	iet	WC	RK			E	QUIF	MENT	-			CL	ASS	NU	JMBE	R	TYPE
Waintenance	CHECKI	131	со	DE				ACRO	DNYM				C	ODE				
			0	9	Α	Ρ	Ρ	S					Α	A	0	0	2	Μ
Equipment Nomenclature	Э		Equi	ipmer	nt Mo	del				E	Bulle	tin File	name		Occurre	ence		
Automated Packag	essing										mm1	5109			D	aily		
· · · · · · · · · · · · · · · · · · ·			1												ł			
Part or	Item		1	Task 3	State	ment	and I	nstru	ction				Est.	Min.		Thre	shold	s
Component	No	(Comp	ly wit	h all c	currer	nt saf	ety pr	ecautio	ons	5)		Time Req (min)	Skill Lev	Run Hours	Pie F (0	eces ed 00)	Freq.
		h	have exited the interlocked area.															
			have exited the interlocked area.															

		have exiled the interiocked area.			
3.	At foll	the Semi-Auto Induction Lane, observe the owing:			
	a.	Check for problems with structural integrity of Semi-Auto Induction Station platform(s) and stairs to protect from slips, trips, and falls.			
	b.	Semi-auto tunnel curtain is closed and Message Board is operational.			
	C.	Semi-auto roller tables do not have "dead spots" requiring frequent use of tools to pull mail to the Semi-auto operator.			
	d.	Verify that scale weights displayed are reasonable and packages are not reading negative weight. Verify scale is zeroed when no mail is passing over it.			
	e.	Verify the "Three Button Box" is operational.			
	f.	Mail is being fed address up, square to the direction of belt travel (only angle very large packages to the template) and to the right of the Semi-Auto "No-read" line.			
	g.	Investigate cause if large volumes of mail are being returned on the Rework Conveyor to the left of the operator.			