MAINTENANCE TECHNICAL SUPPORT CENTER / MAINTENANCE POLICIES and PROGRAMS ENGINEERING / UNITED STATES POSTAL SERVICE

Maintenance Management Order

SUBJECT: Preventive Maintenance (PM) Guidelines for Automatic Flats Tray Unlidder (AFTU)

All AFTU Offices

DATE: May 21, 2010

NO: MMO-022-10

FILE CODE: F17

same: mm09104ab

MAINTENANCE MANAGEMENT ORDER

		Online Change Record
Change #	Date	Description of Change
1	8/23/2021	Attachment 3, Item 2, New Step 12: Close carriage doors.

This Maintenance Management Order (MMO) supersedes MMO-047-06. This MMO updates the Preventive Maintenance (PM) Guidelines and adds Infrared and Ultrasound monitoring procedures for the Automatic Flats Tray Unlidder (AFTU).

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

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

WARNING

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

WARNING

The use of compressed or blown air is prohibited. When cleaning is required, an alternative cleaning method such as a HEPA filtered vacuum cleaner or a damp rag must be used in place of compressed or blown air. A lint-free cloth or brush may be used only on optical equipment when other cleaning methods can not be used.

Maintenance Managers are to use these preventive maintenance guidelines when preparing the route sheets for local maintenance personnel. It is the responsibility of each Maintenance

TO:



Manager to ensure all WARNINGS, CAUTIONS, and NOTES are included with each applicable task as part of the preparation of any local route sheets.

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

Robert E. Albert Manager Maintenance Technical Support Center Maintenance Policies and Programs

Attachments:

- 1. Summary Work Load Estimate
- 2. AFTU Master Checklist: 03-AFTU-AA-001-M: Daily
- 3. AFTU Master Checklist: 03-AFTU-AA-002-M: Weekly
- 4. AFTU Master Checklist: 03-AFTU-AA-003-M: Monthly
- 5. AFTU Master Checklist: 03-AFTU-AA-004-M: Quarterly
- 6. AFTU Master Checklist: 03-AFTU-AA-005-M: Semi-Annual
- 7. AFTU Master Checklist: 03-AFTU-AA-006-M: Annual

ATTACHMENT 1

SUMMARY

WORKLOAD ESTIMATE

FOR

AUTOMATIC FLATS TRAY UNLIDDER

SUMMARY

WORKLOAD ESTIMATE FOR AUTOMATIC FLATS TRAY UNLIDDER

Days	Routine Servicing (hrs/yr)	Repair* (hrs/yr)	Total Servicing and Repair Time (hrs/yr)	Nonproductive Time ** (hrs/yr)	Total Servicing Per Machine (hrs/yr)
5 Day	131.950	26.390	158.340	15.834	174.174
6 Day	144.083	28.817	172.900	17.290	190.190
7 Day	156.217	31.243	187.460	18.746	206.206

NOTES

MAINTENANCE MANAGEMENT ORDER

*Repair estimates based on 20% of servicing. **Based on 10% of total servicing and repair.

Service conditions are based on five, six, and seven day per week operations.

PM CHECKLIST TIME SUMMARY

Checklist	Checklist Times (per year) for 5 day PM week	Checklist Times (per year) for 6 day PM week	Checklist Times (per year) for 7 day PM week
03-AFTU-AA-001-M: Daily	3654 minutes	4382 minutes	5110 minutes
03-AFTU-AA-002-M: Weekly	3016 minutes	3016 minutes	3016 minutes
03-AFTU-AA-003-M: Monthly	636 minutes	636 minutes	636 minutes
03-AFTU-AA-004-M: Quarterly	512 minutes	512 minutes	512 minutes
03-AFTU-AA-005-M: Semi-Annual	44 minutes	44 minutes	44 minutes
03-AFTU-AA-006-M: Annual	69 minutes	69 minutes	69 minutes

ATTACHMENT 2

AFTU MASTER CHECKLIST

03-AFTU-AA-001-M

Daily

Time Total: 14 Minutes

Refer to MS-245 if additional maintenance information is required.

	MMO-022-10									Maintena	ance	Tech	nical S	Support	Center
	U.S. Postal S	Service								DENTIFICAT					
	Maintenance	Checl	klist	WOR COD	Ε			ACRO	MENT NYM		С	ASS ODE		MBER	TYPE
					3	AF	Т	U			Α	A	0	0 1	М
	Equipment Nomenclature Automatic Flats T		liddor	Equip	ment	t Model				Bulletin File		B	Occurre	nce Daily	
	Automatic Flats I	Tay UI	liluuei							IVIIVIUS	104A	5		Daily	
	Part or Component	Item No	(1			tatement all curre					Est. Time	Min. Skill		Threshold	S
	Component	INU	(Jompiy	vvitii		ni sait	ety pre	caution	15)	Req	Lev	Run	Pieces	Freq.
											(min)		Hours	Fed (000)	
l		4	COMPLY	/ \A/IT			FET	ים עי			F			(000)	
	SAFETY STATEMENT		Disconner required local lo down a equipme for susp unusual prior to the equip THE USE IS PROH When c cleaning vacuum in place free clot equipme	ect p by th ckout nd lo nt an icious subs proce proce Def (IBITE leanin de co h or nt on be us	owee his t prock ock clock tand eedin t. COM ED. ng bro bro bro bro ved.	er and instruct rocedu out t heck d ust or ce is fo ng with MPRES is red such or a da oressed ush ma when o Repor	app tion res this uut ound ounus ounus ounus ound ounus o	oly lo . Re to p mac cond sual o , not y furf oR l ed, a rag blow e us clea	bckou efer to prope chine. itions debris ify su ther a BLOW an alt HEPA must n ain ed or ning leficie	ts when o current rly shut Open s. Check s. If any opervisor action on VN AIR ternative filtered be used . A lint- n optical methods encies to	5	AII			
-				ment		WARI when we	orkin	ng ar		or on been					
	CENTER	2.	Verify ai	r supp	ply.	Verify	as fo	ollows	s:		3	7			
	ASSEMBLY AND DE- STRAPPER ASSEMBLY		asse and f 2. Air p prepa 3. Main a. b. c.	mbly f ilter. oressu aratior air va Air pro dir pro dir pro clamp trappe	filter, ure n as alve ress pntal essu d lid essu o pre	of 90 sembly sure of l lift c l lift dov ure of 3 essure g	tor po ± air p bly ai 50 carria 0 +5 vn aii 35 +5 gauge	olyca 5 PS press ir pre +5/- age s /-0 P r pres 5/-0 F e.	rbona SI on ure ga ssure 0 PS slide SI on ssure PSI on	te bowl the air uge. gauges. I on the pressure the lid lift gauges. In the tray pressure					

	Maintenance Tech		Support	Jenier									IVIIV	10-0)22-1(
	U.S. Postal			WORK			EQU	IPMENT	IDENTIFICA		ASS	NI	JMBE	२	TYPE
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	Part or Component	Item No	("	Task Comply wi			nd Instr safety		ns)	Est. Time Req (min)	Min. Skill Lev	Run Hours	Thres Piec Fe (00	es d	Freq.
צחבא			b. 5. If any	horizont gauge.	al (sure ssur	gantry of 12 e gau	y slid 2 +2/-0 ige.	e air) PSI or	I on the pressure n the saw						
	MAIL SEARCH	3.	elect local lockc 2. Oper 3. Sear 4. Follo opera	mail sea er down rical pow lockout out/restor n side ac	rch a the r ver a instru- re pr cess ail pi croce r pro	as follo machin s pres uction ocedu s door eces i eces i edures	ows: ne and scribed is prov ires. s. in and s for re ng.	d lock o d by the riding under r	ut air and current machine. mail to	2	7				
	SYSTEM	4.	equip applie Return A	FTU to	whe whe serv	en p vice.	rking a ower	has	been	2	9				
	CLEAN UP	5.	the cu lockout/re normal o Clean up are remo	urrent estore p peration b. Ensu wed fron be on th e. Re	loca roce re al n the ne flo	al p dures l tools work oor as	proced . Ret s, lubri c area.	dure urn the cants, r Clean esult of	cribed by providing AFTU to rags, etc., up water doing this to your	2	All				

MMO-022-10										Ν	/laint	ena	ince [·]	Tech	nical S	Sup	port	Center
U.S. Posta	I Service									IDE	NTIFI	CAT	ON					
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Equipment Nomenclatu Automatic Flats	Automatic Flats Tray Unlidde			ipmei	nt Mo	del				B	Bulletin MN		name 104Al	В	Occurr		aily	
Part or Component	Item No	((Instruc ety pr	ction ecautio	ons)			Est. Time	Min. Skill	Dure		esholo	
													Req (min)	Lev	Run Hours	F	eces ed 100)	Freq.

ATTACHMENT 3

AFTU MASTER CHECKLIST

03-AFTU-AA-002-M

Weekly

Time Total: 58 Minutes

Refer to MS-245 if additional maintenance information is required.

MMO-022-10									Ν	<i>l</i> lain	tena	ance	Tech	nica	I S	upport	Center	-
U.S. Postal	Service		WORK			F		MEN		NTIF	ICAT		ASS		NU	MBER	TYPE	
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Automatic Flats		lidder	Equipm		ouci							104A	В	0000	noi	Weekly	y	
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												(min)	Lev	Hou		Pieces Fed (000)	Freq.	
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Maintenance Tech		Support	Jenter								022-10
U.S. Postal S	Service		WORK			DENTIFICAT		ASS	NI	MBER	TYPE
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Automatic Flats T		nlidder	Equipment	iniouei)104AI	В	Coounc	Weekly	,
Part or	Item		Task S	tatement and	Instruction		Est.	Min.		Threshold	c
Component	No	(fety precaution	ns)	Time	Skill			
							Req (min)	Lev	Run Hours	Pieces Fed (000)	Freq.
CENTER ASSEMBLY	2.	-	vacuum	•			3	9			
ASSEMBET				rom the lid	•						
					and bypass side of the						
		Oper		u screen to	ENU BUTT place the A						
				on graphic irsor positio	logic contro	oller to					
		5. Ente Ente		laintenanco	e PIN and p	oress					
		6. The	Maintenar	nce Menu s	creen appe	ears.					
					ONTROLS Control Fun						
		carria		assembly to	Γ to move th o the lid cor						
				VACUUM	OFF button een.	on the					
					hows VACl						
		your cup p route	finger to b pump muf es air throu	block outpu flers, one a ugh the suc	neoprene gl It of each of It a time. Th Stion pump l any debris.	4 suction					
		12. Close	e carriage	doors.							
		cond	ition by se		he normal c Maintenan						
SYSTEM	3.	Power d power.	own and	lock out a	ir and elec	trical	2	All			
		lock out	air and el		wn the mac wer as pres edures.						

MMO-022-10			1			Mainten		Tech	nical S	Support	Cente
U.S. Posta			WORK		EQUIPMEN		CL	ASS	NU	JMBER	TYPE
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Equipment Nomenclatu Automatic Flats		nlidder	Equipmer			Bulletin File			Occurre	-	
Part or Component	Item No	(and Instruction t safety precauti	ons)	Est. Time	Min. Skill		Threshold	ls
Component			сор.у				Req (min)	Lev	Run Hours	Pieces Fed (000)	Freq
SYSTEM	4.	Clean A	FTU.				40	7			
		of senso filter. Us alignmer 1. Use	rs and va e care no nt. a vacuur	acuum po ot to bum n to clear	om AFTU. V wer distributi p sensors ou n inside and c r distribution	on vent t of outside of					
			g a clear s of all se		t cloth, wipe	dust off					
					one sensors s one unit):						
		1	1) PE-1	032–Tray	in Zone 0						
		2	2) PE-2	05-Tray ii	n Zone 1						
		3	3) PE-1	15-Tray ii	n Zone 2						
		4	4) PE-2	08-Tray ii	n Zone 3						
		Ę	5) PE-2	09-Tray ii	n Zone 4						
		b.	PE-1030	-Gantry (Clear						
			3 Lid cor is one ur		nsors (emitte	er/ receiver					
		1	1) PE-1	04-Lid in	Load Position	n					
		2	2) PE-1	05-Lid in	2nd Position						
		3	B) PE-1	06-Lid in	3rd Position						
					07-PR Rece ransmitter Se						
					PR-109 Rece 09 Transmitte						
		f.	PE-200-	Lid Prese	nt						
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40

U.S. Postal	Service								TIFICA	TION						
Maintenance	Chec	klist	WORK CODE				IPMENT RONYM	Г			LASS ODE	N	UMBEF	٤	TYPE	
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Equipment Nomenclature Automatic Flats		nlidder	Equipmer	nt Moo	del			Bul	letin File	ename 9104Al	В	Occur	rence Wee	ekly	,	
Part or Component	Item No	(Task : Comply wit			nd Instr safety p		ons)		Est. Time	Min. Skill		Thres	hold	s	
								·		Req (min)	Lev	Run Hours	Piec Fe (00	d	Freq.	
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		Check c 1. View	interior of	of cy	clone	by loc	oking u	ıpwaı								ORDER
		2. If ma cyclo	igh the m terial/obs one, remo narge is c	struc ove b	tion is by agit	s block tating	ting di until c	schar yclon								IENT
CENTER ASSEMBLY	6.	cups cups 2. Using		riage ks or or te	slide tears ears a cloth	asser . Rep are fou	nbly s lace s ınd.	uctio uctio	n n	2	7					E MANAGEMENT
			autious v oment ed.	vher		king a		_								ITENANCE
SYSTEM	7.	Return A Restore the cu lockout/re normal o	equipme urrent estore pr	ent to loca	o ser il p	proced	lure	pro	viding		9					MAINTE
CLEAN UP	8.	Clean up are remo deficienc	ved from	the	work	area.			etc.,	2	All					

MMO-022-10									Μ	ainter	ance	Tech	nical S	Sup	oort	Center
U.S. Postal	Service								IDEI	NTIFICA	TION					
Maintenance	Check	list	WORK CODE					MENT			_	_ASS ODE	N	JMBE	R	TYPE
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Equipment Nomenclature	9		Equipmen	t Moo	del				Bu	lletin Fil	ename		Occurre	ence		
Automatic Flats	Tray Unl	idder								MM0	9104A	В		We	eekly	'
Part or	Item		Task S								Est.	Min.		Thre	shold	S
Component	No	(Comply wit	h all c	currer	nt safe	ety pr	ecautic	ons)		Time	Skill				
											Req	Lev	Run		eces	Freq.
											(min)		Hours	-	ed 00)	
														(0	00)	

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ATTACHMENT 4

AFTU MASTER CHECKLIST

03-AFTU-AA-003-M

Monthly

Time Total: 53 Minutes

Refer to MS-245 if additional maintenance information is required.

<u>MMO-022-10</u> U.S. Posta	Service							1		TIFICA		10011	meare	Support	OCIII
Maintenance		dist	WORK CODE					MENT			CL	LASS ODE	NL	IMBER	TYPE
			0 3	Α	F	Т	U				Α	Α	0	0 3	М
Equipment Nomenclatu Automatic Flats		lidder	Equipme	ent Mo	del				Bul	letin File MM09	ename 9104A	В	Occurre	ence Monthly	/
Part or Component	Item No	(1	Task Comply wi	Stater					ns)		Est. Time	Min. Skill		Threshold	
											Req (min)	Lev	Run Hours	Pieces Fed (000)	Freq
SAFETY STATEMENT		COMPLY Disconn- required local lo down a equipme for susp unusual prior to the equip THE USE IS PROH When c cleaning vacuum in place free clot equipme can not your sup	ect pow by this ckout and loc ent and icious of substa proceed pment. E OF CC liBITED cleaning metho cleaned of com th or b ent only be used	wer a s inst proce k ou chec dust nce i ding OMPF j is od s r or a rush whe I. Re	and truct edur at the k du or u s for with RESS req uch a dat sed may n ot port	app ion es nis und any SED uire as mp or y b her sat	oly lo . Re to j mac cond sual l, not y fur OR l oOR k d, a blow e us clea fety c	bckou efer to brope chine. itions debri ify su ther a BLOV must must rn air ed o ning leficie	uts o cu erly s. (s.) uper action NN here no merence	when urrent shut Open Check If any rvisor on on AIR hative ltered used A lint- ptical thods ies to		All			
SYSTEM		Power de power. Stop the out air ar current lo	AFTU. nd electr	Powe	er do owei	wn r as	mach pres	ine a	nd le	ock	2	All			
/OLUME	3.	Clean in	terior of	fblov	ver.						5	7			
REDUCTION EQUIPMENT			n blower ter clock			g ac	cess	door	bolt						
		blow			-					of					
		blow	nding or er housi	ng, re	emov	ve it.									
			e door. wise to				acces	s doc	or bo	DIT					
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U.S. Posta						IDENTIFICA	ΓΙΟΝ				
Maintenanc		klist	WORK CODE	AC	JIPMENT RONYM		CL	LASS ODE	NU	IMBER	TYPE
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Equipment Nomenclate Automatic Flats		nlidder	Equipme	nt Model		Bulletin File	ename 9104A	В	Occurre	ence Monthly	/
Part or Component	Item No			Statement and Inst th all current safety		ns)	Est. Time	Min. Skill		Threshold	ls
·						,	Req (min)	Lev	Run Hours	Pieces Fed (000)	Freq.
SYSTEM	4.	Return A	AFTU to	service.			2	9			
		the cu	urrent estore p	ent to service a local proce rocedures. Re	dure	providing					
SYSTEM	5.		erlock s	push buttons, witches, blowe			25	7			
				NOTE							
		doors	s, a swite	s 7 E-Stop switc ch on the blowe d two Stop switc	er, a sw						
		macl Cont scree Stop	hine runr troller (G en for pro	Stop switches, o hing. Check Gra LC) Display Ope oper change of Restart machin	aphic Lo erator N state for	ogic Ienu r each					
		while proce after	e the made essing fla each tim	E-Stop switch, c chine is running at trays. Restar ne the E-Stop sv nine stops.	and no t the ma	t achine					
		a. /	Activate a	an E-Stop.							
			1) Mach	nine stops.							
		2	2) Red	stack light illumi	nates.						
			(GUI	erve the Graphic) Display Opera roper change of	tor Men						
		b. [De-activa	ate the E-Stop.							
		i	lluminate nterface	chine. Green st es. Observe the (GUI) Display C or proper change	e Graphi Operator	c User Menu					
				ub-steps a thru ve been checke		III E-					
		3. Cheo	ck all acc	cess door interlo	ock swite	ches.					
		a. /	Activate a	an access door	interloc	k switch.					
	1	1						1	1	1	1

U.S. Posta	I Service									IDENTIFICA		2 911			
Maintenance	e Check	dist		/ORK ODE					MENT			LASS ODE	N	JMBER	TYPE
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Equipment Nomenclatu		liddor	Ec	luipme	ent N	Nodel				Bulletin Fi	ename 9104Al	Б	Occurr		
Automatic Flats	Tray Un	lidder								IVIIVIO	9104A	D		Monthl	у
Part or	Item					temen					Est.	Min.		Threshold	ds
Component	No		(Con	nply wi	ith a	all curre	ent sa	ifety pr	ecautio	ns)	Time Req	Skill Lev	Run	Pieces	Freq.
											(min)		Hours	Fed	
														(000)	
			1)	Mach	hine	e stop	S.								
			2)	Red	sta	ck lig	ht ill	umina	ates.						
			3)	Obse	erve	e the	Grap	phic l	Jser Ir	nterface					
						isplay er ch				u screen					
		b.	De-	activa	ate	acce	ss d	oor ir	terloc	k switch.					
		c.							ck ligh						
										c User Menu					
									of stat						
		d.	Rep	eat s	sub·	-steps	s a tl	hru c	until a	ll door					
										ecked.					
		4. Che	eck t	he blo	owe	er inte	erloc	k swi	tch.						
		a.			-	e flats notors	-	y. Th	is star	ts blower					
		b.	rem and	oving	g th swit	e two tch to	swi	tch m	switc ountir e blow	ng screws					
			1)	Mach	hine	e stop	s.								
			2)	Red	sta	ck lig	ht ill	umina	ates.						
				(GUI) D		/ Op	erato	r Men	nterface u screen					
		C.		remo					erlock remo\	switch ⁄ed					
		d.	illun Inte	ninate rface	es. (G	Obse iUI) D	erve ispla	the (ay Op		c User Menu					
		5. Che	eck t	he cu	itte	r intei	lock	swite	ch.						
		a.				e flats notors		/. Th	is star	ts blower					
		b.	rem and	oving	g th swit	e two tch to	swi	tch m	switch ountir e cutte	ng screws					

MMO-022-10

MAINTENANCE MANAGEMENT ORDER

Maintenance Technical Support Center

Maintenance Tech		Support	Center										022-10	
U.S. Postal S	Service		WORK	1		FOUI	MENT	DENTIFIC		LASS	NI	JMBER	TYPE	
Maintenance	Chec	klist	CODE			ACRO	ONYM		С	ODE				
Equipment Nomenclature			03 Equipme	A nt Mor		Γ		Bulletin F	A	A	0 Occurr	0 3	М	
Automatic Flats 1		nlidder	Equipme)9104A	В	Occum	Monthl	y	
Part or	Item		Task	Stater	nent an	d Instru	ction		Est.	Min.		Threshold	ls	
Component	No		(Comply wit	th all c	urrent s	afety pr	recautio	ns)	Time Req	Skill Lev	Run	Pieces	Freq.	
									(min)		Hours	Fed (000)	1104.	
			1) Mach	nine s	stops.									
			2) Red :	stack	light i	llumin	ates.							
			(GUI)) Disp		perato	or Men	iterface u screen						ц
			De-activa remountinusing rem	ng the	e cutte	er inter								
		d.	Start mac illuminate Interface screen fo	chine s. O (GUI	. Gree bserve) Disp	en stao e the (lay Op	Graphi perator	c User Menu						MANAGEMENT ORDER
			urn machi	-		-								Ξ μ
			ort all def		-	-								C C
PERFORMANCE CHECK	6.	Run per	rformanc on.	e tes	st to c	heck /	AFTU		10	9				ANA ANA
			inually act ensure pro				sub-fu	unctions						
		the Co	g in to Ma Maintena ntrol Func ictions to o	ance ction,	Menu. and a	Sele ctivate	ct Maii e all su	ntenance b-	9					ANCE
			e GLC AF					ol Screer	ו					L L
		a. b. c. d. e. f. g. h. i. j. k. l. m. o. p.	HEAD T HEAD T HEAD U VACUUI LIFT UP TRAY C TRAY S SQUARI LIFT DO LIGHT T ROLLEF GANTR GANTR GANTR SAW EX AIR KNII	O LIE P M OF LAMI TOP ING F WN REE Y COI Y DO Y RE Y EX (TEN	D LIFT F RODS NVEY WN TRAC TEND	OR T								MAINTEN

MMO-022-10										Ν	Mainten	ance	Tech	nical	Sup	port	Center
U.S. Postal	Service									ID	ENTIFICA [®]	TION					
Maintenance	Checl	klist		ORK DDE				QUIF				-	LASS ODE	N	UMB	ER	TYPE
			0	3	Α	F	Т	U				Α	Α	0	0	3	М
Equipment Nomenclatur Automatic Flats		lidder	Equ	ipme	nt Mo	del	•	•		E	Bulletin File MM09	ename 9104A	B	Occurr		onthly	/
Part or Component	Item No	(State					ons)	Est. Time	Min. Skill		Thre	eshold	S
												Req (min)	Lev	Run Hours	F	eces ⁻ ed 000)	Freq.
SYSTEM	7.	Return A	FT	J to	serv	vice.						2	9				
		Return th	ie Al	FTU	to n	orma	al op	erati	on.								
CLEAN UP	8.	Clean up are remo	ovec	d fro	om t	he v	work	are			gs , etc., eport all		All				

ATTACHMENT 5

AFTU MASTER CHECKLIST

03-AFTU-AA-004-M

Quarterly

Time Total: 128 Minutes

Refer to MS-245 if additional maintenance information is required.

Attachment 5

	MMO-022-10									Main	itena	ance [·]	<u>Tech</u>	nical S	Support	Center
	U.S. Postal S	Service			·		_			DENTIF	FICAT		400	N II I		
	Maintenance	Check	klist	WORK CODE				QUIPI ACRO					LASS ODE	NU	MBER	TYPE
				0 3			Т	U				Α	Α	0	0 4	М
	Equipment Nomenclature Automatic Flats T		lidder	Equipm	ent N	Nodel				Bulleti M		name 104Al	B	Occurre	ence Quarterl	v
		nay en	illadol							101	1000	10 17 (Quarton	y
	Part or Component	Item No	((Tasl Comply w		atement				ns)		Est. Time	Min. Skill		Threshold	s
	Component				inter e		n our	oty pro	ouuloi	.0)		Req	Lev	Run	Pieces	Freq.
												(min)		Hours	Fed (000)	
l	SAFETY	1.	COMPLY	/ WITH			FET	V P			NS	5	All	T		
	STATEMENT	1.	Disconne required local loc	ect po by thi	wer is ir	and nstruc	app tion	oly ic . Re	ockou fer to	its wł o curr	hen ent	5				
			down a	nd loo	ck	out 1	this	mac	hine.	Ū Op	pen					
			equipme for susp													
			unusual	substa	ance	e is fo	ound	, not	ify su	ipervi	sor					
•			prior to the equip			g witł	n ang	y furt	her a	oction	on					
			THE USE		-	PRES	SED	OR I	BLOV	VN AII	R					
i			When c	leaning	g i											
			cleaning vacuum													
			in place	of cor	npr	essec	l or	blow	n air	. A I	int-					
			free clot equipme													
			can not l	be use	d. F	Repor	t saf	iety d	leficie	encies	s to					
			your sup	erviso	rım	imedi	ately	/ upo	n det	ection	n.					
-	SYSTEM	2.	Power de power.	own an	nd lo	ock o	ut aiı	r and	elect	rical		2	All			
)			Stop AFT								t					
			air and el current lo						ed by	the						
;						. proce										
i	AFTU CHECK	3.	Check A	FTU.								30	9			
				ally che												
				e bolts, : k all sy												
			includ		0.01	in naix	a man		ignar	000						
			a.	Blower												
			b.	Cutter												
				Cyclone	e an	nd its s	supp	ort sta	and							
				Tubing			• •									
				en or re			-		-							
			-		•											
			S. Aujus	st and a	angn	1 05 116	5088	sary.								

MAINTENANCE MANAGEMENT ORDER

5-2

Maintenance res		Support	Jonitor													
U.S. Posta	al Service								IDE	INTI	FICAT					
Maintenanc	e Chec	klist	WORK CODE					MENT					_ASS ODE	NU	JMBER	TYPE
			0 3	Α	F	Т	U					Α	Α	0	0 4	Μ
Equipment Nomenclate	ure		Equipmer	nt Moo	del				В	ullet	in File	name		Occurre	ence	
Automatic Flats	s Tray Ur	nlidder								N	IM09	104A	В		Quarter	ly
Part or	Item		Task						,			Est.	Min.		Threshol	ds
Component	No	(0	Comply wit	h all c	currer	nt saf	ety pr	ecautio	ons)			Time Req	Skill Lev	Run	Pieces	Freq.
												(min)	Lev	Hours	Fieces	Fieq.
												、			(000)	
															1	1
	4.	Check sa	aw blade	e sto	p ti	э.						1	7			
		Check sa	aw blade	sto	o tip	for	wea	r by r	me	asu	ring					
		remaining														
		piece of														
		tip and														
		length of														
		measure		0.44	incl	nes	(7/16	5 of a	ın i	inch) or					
		less is ob	stained.													
CYCLONIC	5.	Remove	and re	plac	e th	ne (cyclo	onic	se	para	ator	3	7			
SEPERATOR		dust skir														
		to the wa	aste con	tain	er.		-		-							
			[W	ARN	IING										
			L													
			utious v													
			ment	whe	n	pow	er	has	b	eer)					
		applie	ed.													
SYSTEM	6.	Restore	air and d	lect	rica	Ino	wer					2	9			
C. CI LIN	0.					•					_	-	Ĭ			
		Restore p														
		lockout		ons	pro	ovid	ing	lockc	out/	/res	tore					
		procedur	85.													
DC POWER	7.	Check D	C power	sup	plie	es.						10	9			
SUPPLIES		Check po		nlv r	nutro	Ite	Che	ock Da	<_1		S-2					
		and PS-1								, רי	<u> </u>					
			020 Out	7013		(<u>-</u>	. <u>.</u>	v DO.								

	U.S. Postal S Maintenance		klist	WORK CODE 0 3	A	FIT		1ENT	IDE	NTIFIC				IMBER	TYPE M
	Equipment Nomenclature Automatic Flats T		nlidder	Equipmer					В		Filename 09104A		Occurre	-	
ſ	Part or Component	Item No		Task : Comply wit			Instructi		ns)		Est. Time	Min. Skill		Threshold	S
				(00							Req (min)	Lev	Run Hours	Pieces Fed (000)	Freq.
Γ	SENSORS	8.	Sensor	operatio	า.						15	9			
			operating 1. 5 Tra	nat all sen g correcti ay convey	y. /or zo	ne sei	nsors	ed a	and	I					
				itter/receiv			,								
			a.	PE-1032											
I			b.	PE-205-	•										
				PE-208-											
				PE-209-											
				1030-Gan	•										
I			3. 3 Lic	d conveyc unit):			emitter/	rec	eiv	er is					
			a.	PE-104-I	_id in	Load	Positio	n							
			b.	PE-105-I	_id in	2nd P	osition								
			C.	PE-106-I	_id in	3rd Po	osition								
				on Lift - F 107 Trans				er S	en	sor,					
				Up Positi PT-109 T					en	sor					
			6. PE-2	200-Lid P	resen	t									
				Present – Ultra Son					- U	S502					
	TRAY CONVEYOR	9.	Check t	ray conv	eyor	DC pc	ower ro	ller	sp	eeds.	25	9			
	ROLLERS		rollers. DC powe speed o	speed of If require er rollers of the two ollers shou	d, adj to 175 o opp	ust sp 5 Ft/m osing	eed of in (± 10 strap	tray) Ft/i take	r co mir eaw	onvey n). Th vay D	or ne				

Maintenance Checklist WORK EQUIPMENT ACRONVM CLASS NUMER TYPE Equipment Nomenclature Automatic Flats Tray Unlidder 0 3 A F T U A A 0 0 4 M Part or Component Task Statement and Instruction (Comply with all current safety precautions) Est. (MM09104AB Motion (MM09104AB Thresholds Counterly Part or Component Item Task Statement and Instruction (Comply with all current safety precautions) Est. (Mm0) Motion (Mm09104AB Thresholds Counterly Motion (MM09104AB Counterly Motion (MM09104AB Counterly Motion (MM09104AB Counterly Motion (MM09104AB Counterly Motion (Mm09104AB
Equipment Nomenclaure Automatic Flats Tray Unlidder Equipment Model Builtetin Flename MM09104AB Occurrence Quarterly Part or Component Item No Task Statement and Instruction (Comply with all current safety precautions) Est. Time Req (min) Min. Skill Thresholds Freq. (000) Part or Component No WARNING Est. Time applied and the equipment when working around or on equipment when power has been applied and the equipment is running. Image: Statement and instruction Req (min) Skill Thresholds NOTE The machine must have been running the non-contact infrared to obtain a meaningful scan. Investigate the cause of an abnormal temperature. Report all deficiencies to your supervisor. 2 9 POWER DISTRIBUTION BOX ASSEMBLY 10. Infrared scan. Use non-contact infrared to monitor and scan the following for abnormal temperatures: 1. 2 9 9 10. Infrared scan. Use non-contact infrared to monitor and scan the following for abnormal temperatures: 1. 2 9 10. Infrared scan. Use non-contact infrared to monitor and scan the following for abnormal temperatures: 1. 2 9 10. Infrared scan. 0. 10. Infrared scan. 1. 2 9 10. 10. 10. 10. 10. 10.
Automatic Flats Tray Unlidder MM09104AB Quarterly Part or Component Item No Task Statement and Instruction (Comply with all current safety precautions) Est. Time, Component Min. Hours Thresholds WARNING Be cautious when working around or on equipment when power has been applied and the equipment is running. NOTE Be cautious when morking around or on equipment when power has been applied and the equipment is running. Image: Component is component is running. Image: Component is component is running. Image: Component is component is component is component is component is component is component infrared to obtain a meaningful scan. Investigate the cause of an abnormal temperature. Report all deficiencies to your supervisor. Image: Component is component. Image: Component is component. Image: Component is component is component is component is component is component is component. Image: Component is component is component is component is component is component. Image: Component is component is component is component is component is component. Image: Component is component is component is component is component. Image: Component is component is component is component. Image: Component is component is component is component is component. Image: Component is component is component. Image: Component is component. Im
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Component No (Comply with all current safety precautions) The Req (min) Livit Req (min) <thlivit (min)<="" req="" th=""> Livit Req (min)</thlivit>
Image: Construction of the second
WARNING (000) Be cautious when working around or on equipment when power has been applied and the equipment is running. Image: Comparison of the equipment is running. NOTE The machine must have been running of a minimum of 15 minutes and remain running when using the non-contact infrared to obtain a meaningful scan. Investigate the cause of an abnormal temperature. Report all deficiencies to your supervisor. 2 9 POWER 10. Infrared scan. 2 9 DISTRIBUTION BOX ASSEMBLY 10. Infrared scan. 2 9 OCTUBER 10. Infrared scan. 2 9 DISTRIBUTION BOX ASSEMBLY 10. Infrared scan. 2 9 10. A Circuit breaker (CB100) 4. Filter (FL1) 5. Power supplies (PS1 and PS2) 6. Transformer (T1) 7. Circuit breakers (CB1-CB9) 8. Motor protector (OL1) 9. Fuses (F201–F206) 10. 10. 10. 10. <td< td=""></td<>
POWER DISTRIBUTION BOX ASSEMBLY 10. Infrared scan. L Facility input power connector 2. 2 9 Image: Distribution box assembly electrical connections 10. Infrared scan. L Facility input power connector 2 9 Image: Distribution box assembly electrical connections 10. Infrared scan. L Facility input power connector 2 9 Image: Distribution box assembly electrical connections 10. Infrared scan. L Facility input power connector 2 9 Image: Distribution box assembly electrical connections 10. Facility input power connector 2 9 Image: Distribution box assembly electrical connections 3. Circuit breaker (CB100) 4. Filter (FL1) 5. Power supplies (PS1 and PS2) 6. Transformer (T1) 7. Circuit breakers (CB1-CB9) 8. Motor protector (OL1) 9. Image: Power Pacific
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6. Transformer (T1) 7. Circuit breakers (CB1–CB9) 8. Motor protector (OL1) 9. Fuses (F201–F206)
6. Transformer (T1) 7. Circuit breakers (CB1–CB9) 8. Motor protector (OL1) 9. Fuses (F201–F206)
10. Relays (K1 and K2)
11. Analog to digital converter
12. Graphic logic controller
13. I/O modules (1, 2, and 3)
14. Light stack assembly
15. Terminal connections
16. Connectors
17. Jumpers

MMO-022-	10			-									Tech	nical S	Support	Center
	.S. Postal S Enance		dist	WORK CODE				QUIP	MENT	IDEN	NTIFICA	CI	LASS ODE	NU	JMBER	TYPE
Equipment Nor Automat			lidder	0 3 Equipme	A nt Moo	F del	Т	U		Bu	Iletin Fi	A ename 9104A	A B	0 Occurre	0 4 ence Quarter	M
Part c Compor	or	Item No		Task Comply wi	Stater th all c					ons)		Est. Time Req (min)	Min. Skill Lev	Run Hours	Threshold Pieces Fed (000)	-
TRAY CON ASSEMBLY			 Powe Term 	contact for abno	ormal veyoi (4)	tem	pera		s:		an the		9			
DESTRAPP ASSEMBLY PLENUM/PI ROLLERS ASSEMBLY	NCH		asser 2. Powe 3. Moto 4. Term	contact	ormal asse ctrica (2) cards	tem embl al co	ipera y p	ature olenu	s: m/pir				9			

5-6

MAINTENANCE MANAGEMENT ORDER

MMO-022-10

U.S. Postal S		WORK	EQUIPMENT	DENTIFICAT	CL	ASS	NU	MBER	TYPE
Maintenance	Chec	Klist CODE			C A		0	0 4	М
Equipment Nomenclature	9	Equipment Model		Bulletin File			Occurre		IVI
Automatic Flats T				MM09		В		Quarterl	у
Part or Component	Item No	Task Statement a (Comply with all current			Est. Time	Min. Skill		Threshold	S
Component	NO			15)	Req (min)	Lev	Run Hours	Pieces Fed (000)	Freq.
DESTRAPPER	13.	Infrared scan.			2	9		(000)	
ASSEMBLY POWER DISTRIBUTION BOX ASSEMBLY	13.	Use non-contact infrared to following for abnormal temp 1. De-strapper assembly	eratures:		2	9			
		assembly electrical con							
		 Circuit breakers (CB1 1047, and CB1060-106 		CB 1040-					
		3. Filter (FL1020), power s	supply (PS102	20)					
		4. Terminal blocks (TB1 a	nd B+TB2)						
		5. Control relays (CR 102 CR1067-71)	20, CR1040-1	048, and					
		6. Motor contactor relays	K1020-1021)						
		7. Cutter motor protector (MP1020)						
		8. Blower motor protector	(MP1021)						
		9. I/O modules 9 and 10	. ,						
		10. Terminal connections							
		11. Connectors							
		12. Jumpers							
DESTRAPPER	14.	Infrared scan.			1	9			
ASSEMBLY SAW SLIDE ASSEMBLY		Use non-contact infrared to following for abnormal temp		scan the					
		1. Destrapper assembly electrical connections	saw slide	assembly					
		2. Saw motor							
		3. Terminal connections							
1									

MMO-022-10								Maintena	ance	Tech	nical S	Support	Center
U.S. Postal Maintenance		dist	WORK CODE				NT	DENTIFICAT	Cl	LASS ODE	NU	JMBER	TYPE
Equipment Nomenclature			0 3 Equipmen	A F	Т	U		Bulletin File		A	0 Occurre		М
Automatic Flats	Fray Un	lidder						MM09	104A	В		Quarter	у
Part or Component	Item No	(Task Comply wit	Statement				ns)	Est. Time	Min. Skill		Threshold	ls
			eep.)			ory p. ood		,	Req (min)	Lev	Run Hours	Pieces Fed (000)	Freq.
VOLUME REDUCTION EQUIPMENT CUTTER ASSEMBLY AND BLOWER ASSEMBLY	15.	following 1. Volui 2. Cutte 3. Coup 4. Blow 5. Elect 6. Cutte 7. Hing 8. Term	-contact for abno me reduc er	rmal ten ction equ nblies nections r motor	npera	atures:	Ind	scan the	2	9			
		equip applie Manu ensur	autious woment and the ally activ the ultr rly comp	when he equij NO rate mac rasound	orkin pow omer TE	ng aroun er has nt is rur sub-fur	s nnii nctie	been ng. ons to					

5-8

U.S. Postal	Service						IDENTIFICA					
Maintenance	Check	klist	WORK CODE			QUIPMENT CRONYM			LASS ODE	NL	IMBER	TYPE
			0 3	A F	Т	U		Α	A	0	0 4	М
Equipment Nomenclature Automatic Flats 1		lidder	Equipme	nt Model			Bulletin File	ename 9104A	в	Occurre	ence Quarterl	v
	1						_		1			-
Part or Component	Item No	(0		Statement th all curre		struction y precautio	ns)	Est. Time	Min. Skill		Threshold	S
								Req (min)	Lev	Run Hours	Pieces Fed	Freq.
								. ,			(000)	
VOLUME	16.	Ultrasou	nd scan	۱.				3	9			
REDUCTION EQUIPMENT		Use ultra	sonic de	etector to	scan	following	:					
		1. Volur	ne reduc	ction equ	ipmei	nt						
		2. Cutte	r motor									
		3. Cutte	er									
		4. Blow	er motor									
		5. Blow	er									
		6. Pipin	g (4 inch	ו)								
		7. Muffl	•	,								
		8. Conn	ection jo	oints								
			onic sep		or ai	r leaks a	and wear					
		10. Conn	ectors									
TRAY CONVEYOR	17.	Ultrasou	nd scan).				1	9			
ASSEMBLY		Use ultra	sonic de	etector to	scan	following	:					
		1. Tray	conveyo	or assem	bly							
		2. Popu	up stop a	assembly	/							
		3. Tray	clamp ro	otary mot	or							
		4. Air lir	nes									
			/linder									
		-	ry motor									
			, matic lin									
			ectors									

MMO-022-10 U.S. Postal	Service								ATIFICA		1 COII	nical c	Support	Cente
Maintenance		klist	WORK CODE				MENT			CL	ASS ODE	NU	JMBER	TYPE
			0 3	A F	Т	U				A	A	0	0 4	М
Equipment Nomenclatur Automatic Flats		nlidder	Equipme	nt Model				Bu	lletin Fil MM0	ename 9104A	В	Occurre	ence Quarter	у
Part or Component	Item No	((Task Comply wi	Statemer				ns)		Est. Time	Min. Skill		Threshold	
										Req (min)	Lev	Run Hours	Pieces Fed (000)	Freq.
	18.	Ultrasou	nd scar).						2	9			
ASSEMBLY LIFT CARRIAGE SLIDE		Use ultra	sonic de	etector to	o sca	n foll	owing	:						
ASSEMBLY		1. Cent	er asser	nbly lift	carria	age s	ide as	sser	nbly					
		2. Sucti	on cup p	oump										
		3. Powe	er block											
		4. Horiz	ontal ba	nd cylin	der									
		5. Air lir	nes											
		6. Conr	nections											
		7. Air e	quipmen	ıt										
		8. Pneu	imatic lir	nes										
		9. Conr	nectors											
DESTRAPPER	19.	Ultrasou	nd scar	۱.						3	9			
ASSEMBLY SAW SLIDE ASSEMBLY		Use ultra	sonic de	etector to	o sca	n foll	owing	:						
		1. Dest	rapper a	ssembly	/ sav	v slide	e asse	emb	ly					
		2. Saw	slide cyl	inder										
		3. Air kı	nife											
		4. Air lir	nes											
		5. Conr	nections											
		6. Air va	alves											
		7. Pneu	imatic lir	nes										
		8. Conr	nectors											
DESTRAPPER	20.	Ultrasou	nd scar) .						2	9			
ASSEMBLY SLI DE SUPPORT		Use ultra	sonic de	etector to	o sca	n foll	owing	:						
ASSEMBLY		1. Dest	rapper a	ssembly	/ slid	e sup	port a	isse	mbly					
		2. Tray	pusher of	cylinder										
		3. Horiz	ontal ba	nd cylin	der									
		4. Air lir	nes											
		5. Conr	nections											
		6. Pneu	imatic lir	nes										
			nectors											

Maintenance Tech	inical s	Support C	Jenter									022-10
U.S. Postal S	Service						DENTIFICA					
Maintenance	Checl	klist	WORK CODE		AC	JIPMENT RONYM			LASS ODE	NU	JMBER	TYPE
				A F	Τl	J		A	A	0	0 4	М
Equipment Nomenclature Automatic Flats 1		liddor	Equipment	Model			Bulletin Fi	lename 9104A	B	Occurre	ence Quarter	V
Automatic Flats	Tay OI	IIIuuei					IVIIVIC	9104A	В		Quarter	у
Part or Component	Item No	((Task Sta Comply with a				ns)	Est. Time	Min. Skill		Threshold	ls
								Req (min)	Lev	Run Hours	Pieces Fed (000)	Freq.
DESTRAPPER	21.	Illtrasou	Ind scan.					2	9		(000)	
ASSEMBLY VALVE	21.		isonic dete	ctor to	scan f	ollowing	:	2				
BAND ASSEMBLY			trapper as:			0						
		2. Valve	e band ass	embly								
		3. MAC	connect a	ir valve	es							
		4. Conr	nections									
		5. Air lir	nes									
		6. Pneu	umatic coni	nectior	าร							
	22.	Ultrasou	ind scan.					3	9			
CONVEYOR ASSEMBLY		Use ultra	sonic dete	ctor to	scan f	ollowing	:					
			nloading c			mbly						
			aring rod as		ly							
			ft assembly									
			de assemb	bly								
		5. Air lir 6. Conr	nes									
			umatic lines	5								
		8. Conr										
CENTER	23.	Ultrasou	Ind scan.					3	9			
ASSEMBLY AIR VALVE ASSEMBLY		Use ultra	sonic dete	ctor to	scan f	ollowing	:					
		1. Cent	er assemb	ly air v	alve as	sembly						
		2. MAC	connect a	ir valve	es							
			nections									
		4. Air lir										
		5. Fittin	-									
		6. Conr	nections									

MAINTENANCE MANAGEMENT ORDER

U.S. Postal	Service								IDENTIFI	CATI	ON			NUMBER 0 0 4 Occurrence Quarter Threshold Threshold Run Pieces Fed (000)	
Maintenance	Check	dist	WORK CODE					MENT				LASS ODE	N	JMBER	TYPE
			0 3	Α	F	Т	U				А	Α	0	0 4	М
Equipment Nomenclature Automatic Flats 7		lidder	Equipme	nt Mo	odel			·	Bulletin MN		ame 04A	В	Occurr		rly
Part or Component	ltem No	(0	Task Comply wi						ons)	· ·	Est. Time Req	Min. Skill Lev	Bup		ds Freq.
											(min)	LCV	Hours	Fed	rieq.
CENTER	24.	Ultrasou	nd scar).							3	9			
ASSEMBLY AIR PREP ASSEMBLY		Use ultra	sonic de	tect	or to	sca	n foll	owing	j :						
		1. Cente	er assen	nbly	air p	rep	asse	mbly							
		2. Soft s	start and	l dur	np v	alve									
		3. Filter	regulato	or											
		4. Soft s	start pilo	t val	ve										
		5. Conn	ections												
		6. Air lir	ies												
	25.	Return A	FTU to	serv	vice.						2	9			
		Return th	e AFTU	to n	orma	al op	erati	on.							
CLEAN UP		Clean up are remo deficienci	oved fro	om t	the v	work	are				2	All			

MMO-022-10

ATTACHMENT 6

AFTU MASTER CHECKLIST

03-AFTU-AA-005-M

Semi-Annual

Time Total: 22 Minutes

Refer to MS-245 if additional maintenance information is required.

	MMO-022-10							Maintena	ance ⁻	Tech	nical S	upport	Center
	U.S. Postal S	Service						DENTIFICAT					T) (DE
	Maintenance	Check	dist	WORK CODE		EQUIPME ACRONY				LASS ODE	NU	MBER	TYPE
				0 3	A F	ΤU			Α	Α	0	0 5	М
	Equipment Nomenclature			Equipme	nt Model			Bulletin File		_	Occurre		
	Automatic Flats T	ray Un	lidder					MM09	104AI	В	Se	emi-Ann	ual
	Part or	Item		Task	Statement	and Instructior	۱		Est.	Min.		Threshold	S
	Component	No	(0	Comply wit	th all curren	t safety preca	utior	ns)	Time Req	Skill Lev	Run	Pieces	Freq.
									(min)	LUV	Hours	Fed	rieq.
												(000)	
	SAFETY STATEMENT		Disconner required local loc down a equipme for susp unusual prior to p the equip THE USE IS PROH When c cleaning vacuum in place free clot equipme can not l	ect pow by this ckout p nd loci icious c substar proceed oment. E OF CO IBITED. cleaning metho cleaner of com th or br ent only be used	ver and s instruct procedur k out the check du dust or u dust or u hnce is fo ling with MPRESS is req of such or a da upressed rush mai when of . Report	FETY PRE apply lock tion. Refe es to pro- nis machinist condition unt, notify any furthe SED OR BL uired, an as a HE mp rag mu or blown y be used her cleanin safety definitely upon of	kou r tcope ne. ons bris v su er a .OW alt EPA atrian or ng f	ts when o current rly shut Open s. Check s. If any opervisor action on VN AIR ternative filtered be used . A lint- n optical methods encies to	5	All			
	SYSTEM		power.			t air and el			2	All			
				electrica	al power	n machine a as prescri dures.							
1	TRAY CONVEYOR	3.	Check T	ray Con	veyor fla	ts guide ra	ils.		1	7			
				of guide		racks, miss or missing h							
		4.	Check b	lower in	terior for	wear.			5	7	1		
			damage (1. Chec exces shoul	(chipped k blow ssive w ld not be ller thick	l or crack ver impe vear. T e thinner t	ior of the ed) or wear eller (fan 'he impelle han 1/8" in less than 7	bla er any	ade) for thickness y area. If					
					npeller if c	hipped or c	rac	ked.					

MAINTENANCE MANAGEMENT ORDER

U.S. Postal	Service							DEN ⁻	TIFICA	ΓΙΟΝ				
Maintonanaa	Char	klict	WORK			QUIPN					ASS	NU	MBER	TYPE
Maintenance	Cnec	KIIST	CODE		-	ACRO	IYM		-	-	ODE			
			0 3	A F	Т	U				Α	A	0	0 5	М
Equipment Nomenclature			Equipmer	nt Model					etin File			Occurre		
Automatic Flats	Fray Ur	nlidder							MMOS	9104A	В	S	emi-Ann	ual
Part or	Item			Statement						Est.	Min.		Threshold	ls
Component	No	(0	Comply wit	h all curre	nt safe	ety pred	cautior	ns)		Time	Skill		D.	-
										Req (min)	Lev	Run Hours	Pieces Fed	Freq.
										(,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		Tiours	(000)	
													(000)	
	5.	Check cy	clone f	or wear						5	7			
			hadres	olone f-		-								
		Visually c	песк су	cione foi	wea	Ι.								
		1. Visua	ally chec	k exterio	or and	d inte	rior c	of cv	clone					
			perforate											
			rial wear		``	,			,					
		o 1/												
			forations					alls	exist,					
		repla	ce the cy	clone a	ccord	dingly								
			ſ											
				WAR	NING									
		Bo on	utious v	whon w	orkin	a arc	hund	ord	'n					
		equip			pow	-	nas	bee						
		applie		when	pow	eri	105	Dee	511					
		applie	. .											
SYSTEM	6.	Return A	ETIL to	eorvice						2	9	+		
	0.										3			
		Restore	equipme	ent to s	ervice	e as	pres	cribe	ed by					
			irrent	local		cedur			/iding					
		lockout/re	estore pr	ocedure	es. F	Returr	the	AF	ΓU to					
		normal o												
		Close	- Enor			Ibriac	nto -	0.00	ota	0	A 11			
CLEAN UP	7.	Clean up									All			
		are remo					ι. F	kepo	ort all					
		deficienci	es to yo	ur super	visor	•								

6-3

MMO-022-10										Main	tena	ance ⁻	Tech	nical S	Sup	oort	Center
U.S. Posta	I Service									IDENTIF	ICAT	ION					
Maintenance	e Checkl	ist)rk)de			-	,	PMENT				LASS ODE	NU	JMBE	R	TYPE
			0	3	Α	F	Т	U				Α	A	0	0	5	М
Equipment Nomenclatu Automatic Flats		dder	Equ	ipmei	nt Mo	del				Bulletir MI		name 104AI	В	Occurres		-Ann	ual
Part or Component	ltem No	((Instru fety pr	ction ecautio	ons)		Est. Time	Min. Skill		Thre	sholo	ls
												Req (min)	Lev	Run Hours	F	eces ed 00)	Freq.

ATTACHMENT 7

AFTU MASTER CHECKLIST

03-AFTU-AA-006-M

Annual

Time Total: 69 Minutes

Refer to MS-245 if additional maintenance information is required.

MMO-022-10 U.S. Postal	Service										IFICA		. 551		Support	20110
Maintenance		klist	WORK CODE				QUIP ACRC	MENT				CL	_ASS ODE	NU	JMBER	TYPE
			0 3	Α	F	Т	U					Α	Α	0	0 6	М
Equipment Nomenclatu Automatic Flats		nlidder	Equipme	nt Mo	del				Bu			ename 9104A	В	Occurre	^{ence} Annual	
Part or Component	Item No	("	Task Comply wi	Stater					ns)			Est. Time	Min. Skill		Threshold	
												Req (min)	Lev	Run Hours	Pieces Fed (000)	Freq.
SAFETY STATEMENT	1.	COMPLY Disconn required local lo down a equipme for susp unusual prior to the equi THE USE IS PROH When c cleaning vacuum in place free close equipme can not your sup	ect pow ckout j ind loc ent and sicious of substan proceec pment. E OF CC IIBITED. cleaning methor cleaner of com th or bis ent only be used	ver a brock brock chec dust nce i ling oMPF is or a pres rush whe . Re	and truct edur ut ti k du or u s fo with RESS req uch a da ssed ma en of	app tion res his und und an SED or y b ther t sat	oly lo to to cond sual l, not y fur OR ed, a rag blov e us clea fety o	bckou efer t prope chine lition: debri tify s ther a BLOV an a HEPA must vn ail ed o uning defici	uts o c erly s. upe acti WN Iter fi be r. fi be r. fi be r. fi be	Clf Clf ioi A na ilt A opeth cie	vhen rrent shut)pen heck any visor n on IR ative ered used lint- tical nods es to	5	All			
SYSTEM	2.	Power d power. Stop AFT air and e current lo	TU. Pow lectrical	ver do powe	own er as	mac	hine scrib	and I	ock	0		2	All			
POWER	3.	Replace	power of	distri	buti	on	box v	/ent f	ilte	r.		5	7			
DISTRIBUTION BOX		The filter distributio from the Reverse	on box. vent filte	Rem r, rer	ove nove	the e the	four o e filte	corne	r sc	re	WS					
CENTER ASSY	4.	Replace assembl mufflers cartridge	y, strap , and aii	per v	/alve	e ba	nk a	ssem	bly	,		15	9			
LID CONVEYOR	5.	Check te conveyo There are and a ne areas of check te tension o	e two lid otch driv the lid ension.	l con ve be con Alsc	veyc elt. veyc o, ch	orbe Re orb neck	elts (g place elts the	gray v the if ne	veb dai ede	ma ed	aged and	10	9			

U.S. Posta	al Service								ENTIFI	CATION	CLASS						
Maintenance	e Checl	klist	t WORK EQUIPMENT CODE ACRONYM										NL	JMBE	R	TYPE	
			0 3	А	ΓT					A		Ą	0	0	6	М	
Equipment Nomenclatu			Equipme	nt Mo	del			E		Filenam		0	Occurre	ence			
Automatic Flats	Tray Un	nlidder							MN	/109104	AB			Anr	nual		
Part or	Item		Task	Stator	ment and	d Instru	ction			Est	. Min			Three	shold	<u> </u>	1
Component	No		(Comply wi					ons)	Tim	e Skil	L					
										Re (mir			Run Hours	Pie Fe		Freq.	
										(.,		10013	(00			
VOLUME	6.	Check	blower tu	hing	for w	oar lo	akad	•		3	7			1			-
REDUCTION	0.			-			-			_							
EQUIPMENT			ually che ows for ho		exterio	r of	all ti	JDI	ng a	nd							
																	0
		2. Rep	place com	pone	ents wit	th hole	es.										
VOLUME	7.	Check of	cutter bla	ndes	and cu	ut stra	aps.			20	9						12
REDUCTION					NOTE												
EQUIPMENT		lf the	e cut stra	ns ar	near	to he	frave	d v	when								
			and the														
		appe	ear to be	gett	ing loi	nger t	han	nor	rmal,								
			cutter mo														l fi
			erous ja ate that tl														
		indic					spiace	5111	ent.								
		Check c	cutter blac	les a	nd cut	straps	8:										Ē
		the	eck the c cyclonic ng longer	sepa	arator	for fra											MANAGEMENT
		2. Ren	nove cutt	er m	uffler f		ne ex	ha	ust si	de							
			Remove the muffle					nd	bolts	on							
			Slide the					awa	ay fro	om							
			Support t			-											
		d.	Remove from exh	the 6	6 – 7/1	6 inch	n hex										
			Support inch hex							16							M
			Remove damage				-			to							
				W	ARNIN	IG											
			cautious les as the you.				-		nese may								
		blac	ually chec des. If love/ repla	any	blade	app				-							

U.S. Posta	al Service								ID		IFICA	ance FION							
Maintenance	e Checl	klist	WOR COD					PMENT ONYM				CI	LASS ODE		NU	JME	BER		TYPE
			0	3 A	F	Τ	U					Α	A		0	0	6	;	Μ
Equipment Nomenclatu Automatic Flats		lidder	Equip	ment Mo	del							ename 9104A	В	С)ccurre		e Annu	al	
Part or Component	Item No	(0		ask State v with all					ons	5)		Est. Time	Min. Skill			Th	resh	olds	
							- 7 F			-)		Req (min)	Lev		Run Iours		Piece Fed (000)		Freq.
		4. Rem	ove a	ny deb	ris fr	om	the o	cutter	as	sser	nbly;							1	
				not to c															
		5. Reins	stall th	ne cutte	er mu	uffle	r.												
		a. V	Vhile	lining	up t	he d	cutte	r mufi	fle	er to	the								
		С	utter,	align	the	swi	tch	with t	the	e s	witch								
				et and					i	nch	hex								
				nuts an	-			-											
		p ti o	ositio ne tub ver th	comp n over oing. E ne rubt /here th	the nsur oer s	mu e gr eale	ffler ound r is	and t ling st groun	tra de	e er ap th ed to	nd of nat is o the								
		c. lı	nstall	three r comp	large	e nu	ts a	nd bo	olte	s or	h the								
VOLUME REDUCTION EQUIPMENT	8.	Replace	cyclo	onic se	para	itor	dus	bag.				5	7						
		Be ca equip applie	ment	s whe		orkiı	ng a	round has		or o bee									
SYSTEM	9.	Return A	FTU	to serv	/ice.							2	9			t		\uparrow	
		Return th	e AF1	ΓU to n	orma	al op	erat	ion.											
CLEAN UP	10.	Clean up are remo deficienci	oved	from t	he v	work	are			-	etc., rt all	2	All						