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

Maintenance Management Order

SUBJECT: Operational and Preventive Maintenance Guidelines for the Advanced Facer Canceler SYS ISS OCR PARS Modified (AFCS)

All AFCS Capable Offices

All Area Offices

TO:

DATE: January 21, 2011

NO: MMO-006-11

FILE CODE: 2AC

wbro:mm10058aa

Task 13 in the Operational Checklist has been updated. Task 75 deleted and Summary Workload table updated.

This Maintenance Management Order (MMO) provides Operational and Preventive Maintenance Guidelines for the AFCS. This MMO supersedes MMO-099-09, Operational & Preventive Maintenance Guidelines for Advanced Facer Canceler System (AFCS), Production Based Maintenance Program, dated August 11, 2009.

The workhours indicated in the workload estimate (Attachment 1) are based on a 4 hour operations window and reflect the *maximum* annual workhours required to maintain each 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 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. 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.

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

- Attachments: 1. Summary of Workload Estimate
 - 2. Master Checklist: 03-AFCS-AE-001-M: Master Checklist
 - 3. Master Checklist: 09-AFCS-AE-001-M: Operational Maintenance

ATTACHMENT 1

SUMMARY

WORKLOAD ESTIMATE

FOR

AFCS

SUMMARY WORKLOAD ESTIMATE FOR AFCS

			SUMMARY	WORK LOAD E	STIMATES FO	R AFCS		
Number of	mail pieces							
Processed	for 1 Year >	27,000,000	High end es	<u>stimate</u>				
			-					
Operation	Routine	Repair	Routine	Non- Productive	Total	Operation	al Maintenar Servicing	ice + Total
Days	Servicing per	Time per	Servicing + Repair	Time per	Servicing per	1 Tour	2 Tours	3 Tours
	Machine	Machine	Time	Machine	Machine	Hrs/Yr	Hrs/Yr	Hrs/Yr
	(Hrs/Yr)	(Hrs/yr) *	(Hrs/Yr)	(Hrs/yr) **	(Hrs/Yr)	OpM x 1	OpM x 2	OpM x 3
5 Days	793.48	238.05	1031.53	103.15	1134.68	1,481.35		
6 Days	921.75	276.53	1198.28	119.83	1318.10	1,734.10		
*	Repair main	ntenance estin	nates based	on 30% of preve	entive mainten	ance.		
**	Based on 10	0% of total PN	I and repair.					
						OPERATIO	NAL MAINTE	NANCE
						80 MIN. PEI	R DAY PER	MACHINE
						One Tour	Two Tours	Three Tours
		346.67						
					6 Day	416.00		
					£			

ATTACHMENT 2

AFCS MASTER CHECKLIST

03-AFCS-AE-001-M

MMO-006-11

U.S. Postal	Service					IDENTIF	ICATION	١				
Maintenance	Chec	klist	WORK CODE		EQUIPMEN ACRONYI	лт Λ		CL CC	ASS DDE	NUI	MBER	TYPE
			0 3			A	E	0	0 1	М		
Equipment Nomenclature	e S		Equipmer	nt Model		Bulletin	n Filenar M1005	ne 8AA	4	Occurrer	ECBM	
	1							1				
Part or Component	Item No	(0	: Task Comply wit	Statement h all curre	and Instruction nt safety precau	tions)	E: Tir	st. ne	Min. Skill	-	Threshold	5
							Re (m	əq in)	Lev	Run Hours	Pieces Fed	Freq.
							(***	,		riouro	(000)	
SAFETY STATEMENT	1.	COMPLY Disconner required local loc down ar equipmen Check fo If any u supervise further ac THE USE IS PROH When cl cleaning vacuum in place free clot equipmen cannot b	WITH A ect pow- by this ckout p nd lock nt and or suspic unusual or prio ction on E OF CO IBITED. leaning method cleaner of comp h or bru nt only v	LL SAF er and instruct rocedur out th inspe cious du substa r to p the equ MPRES is req d such or a da oressed ush ma when ot Report	ETY PRECA apply locko tion. Refer res to prop his machin ct dust c ust or unusu nce is fou proceeding upment. SED OR BI uired, an as a HEP mp rag mus or blown a y be used her cleaning safety defic	UTIONS buts whe to curre berly sh e. Ope ondition ual debri ind noti with ar OWN A alternativ A filtere it be use ir. A lin on optic g methoo	- 1 en nt ut en s. s. fy y IR ve ed ed at- al sto		All			
DATA	2.	Analvze f	the DCC	reports			. 3		10		3	
COLLECTION: DCC		-		NOT	Ē							
		Prior 1 lockou analys	to perfor it, do sis.	ming th an A	e power do FCS perfo	wn and rmance						
		Access E on the D(reports f degradati Users Ma	ccess End of Day data from the previous runs n the DCC computer and analyze the following eports for any anomalies that may indicate egradation of machine performance. Ref. DCC lsers Manual (NSN 7610-08-000-4047).									
		1. Produ	uction Da	ita Repo	ort							
		2. E-Sto	ops, Jams	s, and M	lalfunctions F	Report						
		3. OCR	Sorting [Data Re	port							
		4. Doub	les Dete	ctor Data	a Report							
ACP UNIT 16:	3.	Power do	own SW	STP/AC	P computers	6.	3	-	10		3	
POWER DOWN			Γ	CAUT	ION							
		Before the ID	e turning Tag Pri	g off th nters ar	e AFCS, po nd the ACP.	wer off						

MMO-006-11

ĺ	U.S. Postal S	Service					I	DENTIFICA	TION				
	Maintenance	Check	dist	WORK CODF		EQUIP ACRC	MENT		CL		NU	VBER	TYPE
				0 3 A F C S Equipment Model Bullet					A	E	0	0 1	М
ľ	Equipment Nomenclature)		Equipme	nt Model	I		Bulletin Fi	lename		Occurre	nce	
	AFCS	6						MM1	0058A	Ą		ECBM	
ſ	Part or	Item		Task	Statement	and Instruc	tion		Fst	Min		Threshold	le
	Component	No	(Comply wi	th all curren	t safety pre	ecaution	ns)	Time	Skill		Theshold	13
									Req (min)	Lev	Run Hours	Pieces Fed	Freq.
l									()		riouro	(000)	
Γ					CAUTI	ON							
			Do no	t nowor		comput	ore b	oforo					
			shutti	ina dow	n the o	operatin		stem.					
			Failur	e to	comply	may	resul	t in					
			corru	pted sof	tware.								
			If the	system	is frozen	and co	mpute	ers					
			must	be shut	down wi	thout pr	operly	/					
			exitin	g opera	ting syst	em, soft	ware	and					
			sort p	bians ma	iy need t	o be reid	baded	•					
					NOT	E							
				NOTE necessary to power down the ACP,									
			follow	latest So	ary to pow oftware M	/er down lanadem	ine A ent Oi	CP, der					
			(curre	ntly SMC	D-008-09)	found o	n MTS	SC					
			web s	ite:	,								
			www.n	<u>ntsc.usps.</u>	.gov/bullet	<u>in/bb_equ</u>	ip/Bull	etin_					
			MS-16	6 manual	. http://mts	AISO VOI. C.USPS.go	v/msb	e ooks					
			1 Shut	Down th	e SWSTF	5							
			1. Onat					- 4 4 1					
			a. C S	On the SN SYSTEM	SOFTW	ARE tab.	n sele	ct the					
			b. S	Select SY	STEM SI	HUTDOV	VN.						
			c. T ک	he dialo /ou want	g box will to shut d	ask: "Ar own the	e you syster	sure n"?					
			d. S	Select YE	S.								
		:	2. Shut node	down the s:	e ACP (M	1) and re	ecogni	tion					
			a. Ir S	n the US System L MAINTEN	PS AFCS Jser Inter NANCE b	OCR/Vi face, clic utton.	deo F k	acing					
			b. T ני נ	The Main SYSTEM up the Sh	tenance v SHUTD(nutdown v	vindow c OWN but vindow.	isplay ton to	s. Click bring					
			c. T s s t	The Syste Select AL automatio software. De display power do	em Shutd L. The s cally exit a A POW yed on M wn M1 ar	own wind ystem w all M1 ar ER DOW 1 when i nd the Re	dow di ill d Rec /N pro t is sa ec Noo	splays. Node mpt will fe to des.					

MMO-	006-11
------	--------

U.S. Postal	Service						ID	ENTIFICA	TION				
Maintenance	Chec	klist	WORK		E		T I		CL		NU	MBER	TYPE
	•		0 3	AF	C	S			A	E	0	0 1	М
Equipment Nomenclatur	е		Equipme	nt Model		1 1		Bulletin Fi	lename	1	Occurre	nce	
AFC	S							MM1	0058A	A		ECBM	
Part or	ltem		Task	Statement	t and I	nstruction			Fst	Min		Threshold	e .
Component	No	((Comply wi	th all curre	ent safe	ety precaut	ions	5)	Time	Skill		meshold	3
									Req (min)	Lev	Run Hours	Pieces Fed	Freq.
									()		riouro	(000)	
		d. F I e. F I 3. Shut a. S b. C c c. I F t d. I t c f. F	Power off pressing Power off pressing down M2 Select ST Click on the Click on the Dassword hat is giv n the US ype the p After the a close, you off your co Power do	the ACF the Pow each re the Pow 2/CD. ART > S he option I and Ho window en: xxx PS-DLU password application will see omputer wn with the fron	P (M1 rer bu cogn rer bu SHUT n to s owell r, type cxx (a pass d xxx ons a e: "It i ". the p t of N	I) system itton. itton node itton. DOWN. butdown Co-direct e the pas all lower sword wir sword wir sword wir sword wind s now sa oower ON 2 Chara	n by e b e b ar tory sw cas ndc rca ow ife	/ by nd click y rord se). bw, ase). rs to turn FF er Data					
		(Computer										
AFCS: POWER	4.	Power d	own and	lock ou	ut po	wer.			4	All		3	
DOWN		1. Perfo acco the P	orm norm rdance w PC-70/80	al shut o vith the and/or F	down most PC-37	of inkjet recent r 7.	pri nai	nters in nual for					
		2. Powe	er OFF th	ie IJP U	PS.								
		3. Pres	s Off butt	on on O	pera	tor Displa	ay F	Panel.					
		 Powe disco curre locko Disco VAC Distri Powe curre locko 	er down onnect a out/restor onnect a power ibution U er Distril ent local out/restor	machine air supp lockout e procec nd lock that fe nit prior lockout e procec	e, loo bly a dures out eeds to w Jnit t inst dures	ck out po as preso tructions the 3-pl the Ma orking or as pres tructions	owe crib pr has iin n th cril pr	er, and bed by roviding se, 208 Power ne Main bed by roviding					

U.S. Postal	Service		MODIC	1	E 01 115		IDENTIFIC,	ATION	100			TYPE
Maintenance	Chec	klist				MENT				NU	MBER	TYPE
Equipment Nomenclature	9		0 3 Equipmer	A F	CS		Bulletin F	ilename		Occurre	0 1 nce	M
AFCS	S						MM	10058A	A		ECBM	
Part or	Item		Task	Statement	and Instru	ction		Est.	Min.		Threshold	s
Component	No	(Comply wit	th all currer	nt safety pr	ecautio	ns)	Time Req	Skill Lev	Run	Pieces	Frea.
								(min)		Hours	Fed (000)	
AFCS:MAIL	5.	Perform	mail sea	arch.				10	All		1	
SEARCH				NOT	E							
		Ensur spring help, v	e prope ls. If any write wor	er opera y cover o k order a	ation of comes do and corre	door own w ct.	gas vithout					
		1. Open path t	n all nece for a thor	essary p rough ma	anels alo ail search	ong m 1.	ail travel					
		2. Remo trave lower	ove any I path in r belts in	additior order f each seo	nal pane to have ction.	els ale acces	ong mail ss to the					
		3. Starti searc	ing at th ch.	e Incline	e Hopper	, perf	orm mail					
		4. While large	e perforn pieces o	ning ma of dirt and	il search d debris.	i, rem	nove any					
		5. Place	e all reco	vered ma	ail in a tra	ay.						
		6. Follov opera	w local p ations for	procedure process	es for re ing.	turnin	g mail to					
AFCS: VACUUM 1	6.	Vacuum Buffer Fe	Singulat eeder. C	tor, Sing Iean IM	julator le S GUI ar	eveler d OC	, and P.	6	7		40	
		1. Vacu	um the fo	ollowing:								
		a. S	Singulator	r feeder								
		b. S	Singulato	r leveler								
		c. B	Buffer Fee	eder								
		2. Clear	n the follo	owing:								
		a. Ir	mage Ma	anageme	nt Syste	n Ter	minal					
		b. C	Operator	Control F	Panel							
AFCS: VACUUM 2	7.	Vacuum	the follo	wing ar	eas:			14	7		101	
			[CAUT	ION							
		While use n	cleanii on-meta	ng the Illic ends	Enriche s on the	r mo vacu	odule, um.					
		1. Edge	r channe	el								
		2. Extra	ctor									
		3. Shing	gler									

L

U.S. Postal	Service							DENTIFICA	ATION				
Maintenance	Chec	klist	WORK CODE		E	QUIP	MENT NYM		CL C	LASS ODE	NU	MBER	TYPE
			0 3	A F	С	S			Α	E	0	0 1	М
Equipment Nomenclature	e S		Equipme	nt Model				Bulletin Fi MM1	lename 0058A	Δ	Occurre	nce ECBM	
74 0	0							1011011	0000/0			LODIN	
Part or	Item	(Task Comply wit	Statement	and I	nstruc	tion	ne)	Est.	Min. Skill		Threshold	s
Component	NO		Comply with		ni san	sty pro	Joautio	13)	Req	Lev	Run	Pieces	Freq.
									(min)		Hours	Fed (000)	
		4. Fine	Cull										
		5. Enricl	her/Cano	celler/ISS	S								
		6. Fans	on back	of ID Ta	ig Ve	rifier							
		7. Stack	ers										
VIBRATOR	8.	Clean ho	pper air	filter ar	nd fil	l lub	ricato	or.	10	7		6700	
HOPPER UNIT #1:			 Г			٦							
LUBRICATOR				WANN	ing								
		Variou Safoti	us prod / Data	ducts Shoots	requ	iring	Ma	terial					
		utilize	d durin	g the p	erfoi	rman		f this					
		task.	Ensure	the curi	rent	MSD	S for	each					
		produ all em	ct used	is on fi When	ile a reo	nd av Irderi	vailat na si	ole to uch a					
		produ	ct, it is	s sugge	ested	d th	at cu	rrent					
		MSDS	be requ	uested.	Ref	er to	MSD	S for					
		appro equip	ment.	pers	onai		prote	ctive					
		1. Drain filter.	, disasse	emble, a	and c	lean	pneu	matic air					
		2. Reas	semble a	after clea	aning	I-							
		3. Fill lu pneur SUS	bricator f matic oil at 100° F	to prope with a =	r leve visco	əl (bla əsity	ack lir of 14	ne) using 0 to 170					
FLAT OVERTHICK	9.	Check ov	/erthick	convey	or be	elts.			7	9		510	
UNIT 4: BELTS AND REAR COVER		1. Remo conve	ove cov eyor.	ver on	ba	ıck	of	overthick					
		2. Chec the de	k all belt eck) for v	ts and ro wear and	ollers d pro	(abo per te	ove ar ensior	nd below 1.					
		3. Chec	k for mai	il.									
		4. Ensu have	re all be no fraye	elts are d edges	trac	king	prop	erly and					
		5. Instal	l cover o	on back o	ofove	ərthic	k con	veyor.					
INCLINE OVERTHICK UNIT	10.	Clean, cl Unit 5:	h <mark>eck, a</mark> r	nd lubri	cate	Incli	ne O	verthick	55	9		6700	
5: CLEAN BELT		1. Clear	n Incline	Conveyo	or po	wer t	DOX.						
LUBRICATE		a. C	pen Incl	ine Conv	veyo	r pow	ver bo	x door.					

MMO-006-11

U.S. Postal Service						DENTIFICA					T) (5-5
Maintenance Check	list	WORK CODE		EQUII ACR(PMENT ONYM		CL	LASS ODE	NU	MBER	IYPE
		0 3	A F	C S			A	E	0	0 1	М
Equipment Nomenclature		Equipmer	nt Model			Bulletin Fi	lename		Occurre		
Aruð		<u> </u>					0000A	~			
Part or Item		Task	Statement a	and Instru	ction))	Est.	Min.		Threshold	S
Component No	(Comply wit	ui all current	i satety p	recautior	is)	Req	Lev	Run	Pieces	Freq.
							(min)		Hours	Fed (000)	
	b. V	/acuum ir	nside of Ir	ncline C	onvey	or power	_		L	(330)	·
	b	OX.			2				ļ		
	c. E ti	Ensure a ight.	all electri	ical co	onnectio	ons are					
	d. C	Close Incl	ine Conve	eyor po	wer bo	x door.					
	2. Clear	n Main Po	ower Disti	ribution	Unit.				ļ		
	a. C)pen Mai	n Power [Distribu	tion Un	it door.			ļ		
	b. V D	/acuum t)istributio	the inside n Unit.	e of th	e Mair	ו Power					
	c. E ti	Ensure a ight.	all electri	ical co	onnectio	ons are					
	d. C	Close Mai	in Power l	Distribu	ition do	or.			ļ		
	3. Chec	k Incline	Conveyo	r belt ar	nd rolle	rs.			ļ		
	a. C	Check the	e Incline (Conveyo	or belt	for wear					
	b. C	Check the	e Incline	, Convey	yor and	d beater					
	u م ر	heck all	shaft cot	screwe	for tigh	tness			ļ		
	υ. τ		WARNI	NG	ior uyr						
	Vario Safety utilize task. produ all em produ MSDS appro equip	us proo y Data ed durin Ensure uct used ployees uct, it is be requ priate ment.	ducts re Sheets g the per the curre is on file . When s sugges Jested. F persor	equirin (MSDS rforma ent MSI e and a reorder sted th Refer to nal	g Ma) may nce of DS for availab ring su nat cu prote	terial y be this each le to ich a rrent S for ctive					
	4. Lubri Lubri Conv NLGI	bricate Incline Conveyor bear bricate bearing assemblies on Ir nveyor and beaters using lithium b GI grade 2 grease.									
	5. Fill Ir level motor gear	ncline Co in Inclir rs. Fill t oil.	nveyor go ne Conve o proper	ear mot ∍yor an Ievel u	tors. C id bea sing Ai	Check oil ter gear GMA #7					

MMO-	006-11
------	--------

Maintenance Checklist WORK EQUIPMENT CONY CLASS NUMBER COS TYPE Equipment Nomenciature AFCS Equipment Model Build Florance MM10058AA Cocurrence Cocurrence MM10058AA Cocurrence Cocurrence MM10058AA Cocurrence Cocurrence ECBM Part or Component Item No Task Statement and Instruction (Comply with all current safety precautions) Eat The Air Statement and Instruction (Comply with all current safety precautions) Eat The Air Statement and Instruction (Comply with all current safety precautions) Eat The Air Statement and Instruction (Comply with all current safety precautions) Eat The Air Statement and Instruction (Comply with all current safety precautions) Eat The Air Statement and Instruction (Comply with all current safety precautions) Eat The Air Statement and Instruction (Comply with all current safety precautions) Eat The Air Statement and Instruction (Comply with all current safety precautions) Eat The Air Statement and Instruction (Comply with all current safety precautions) Eat The Air Statement and Instruction (Comply with all current safety precautions) Eat The Complexity and proper tracking. Eat The Air Statement and Instruction (Comply with all current safety precautions) Eat The Construct and proper tension. Eat The Air Statement and Instruction (Complexity and models and proper tension. Eat The Conex and proper tracking. Eat The Conex and proper tracking. Eat The Conex and proper tension. Eat The Conex and proper tension.	U.S. Postal	Service						IDENTIFIC	ATION				
Equipment Nomenclature AFCS Equipment Model Builtern Filename MM10058AA O continue Occurrence ECBM Part or Component Item No Task Statement and Instruction (Comply with all current safety precautions) The should The should the should be should be should be should be should be should be should be recently and the should be should be should be should be should be recently and the should be shou	Maintenance	Chec	klist	WORK CODE		E	QUIPMENT	-	CI C	LASS ODE	NUI	MBER	TYPE
Equipment Nomenclature AFCS Equipment Model Builtein Flename MM10058AA Cocurrence Columned ECM Cocurrence ECM Part or Component Item No Task Statement and Instruction (Comply with all current safety precautions) Est. Time Reg (mm) Min. Skill Reg (mm) Thresholds Image: Component No C. Check overthick separator belts and rollers. a. Check the Overthick Conveyor belts for wear and proper tracking. b. Check the Overthick Conveyor and drum roller drive belts for wear and proper tension. Image: Column and a separator bearings. Tubricate overthick separator bearings. Tubricate overthick separator bearings. Tubricate the bearing assemblies on the Overthick Conveyor and drum rollers using lithium based NLGI grade 2 grease. Image: Column and a separator column and a separator. The column assemblies on the Overthick Conveyor and drum rollers using lithium based NLGI grade 2 grease of the Overthick Conveyor and GNM #7 gear oil. Image: Column and a separator column and a separator. The column as needed with soft lint free cloth or micro fiber cloth. Image: Column and a separator column and column and column and a separator column and a separator column and a separator column and a separator column and a column and a separator column and column and column and column and column and a separator column and a separator column and a separator column and column				0 3	A F	С	S		А	E	0	0 1	М
Part or Component Item Task Statement and Instruction (Comply with all current safety precaulons) Eff. (min) Min Sull (bur (min) Thresholds (bur (min) 0 6. Check overthick separator belts and rollers. a. Check the Overthick Conveyor belts for wear and proper tracking. b. Check the Overthick Conveyor and drum roller drive belts for wear and proper tension. c. Check all shaft set screws for tightness. fmin Freq. 7. Lubricate overthick separator bearings. Lubricate the bearing assemblies on the Overthick Conveyor and drum rollers using lithium based NLGI grade 2 grease. fmin events 8. Fill overthick separator gear motor. Check the oil level in the drum roller gear motor. Fill to the proper level using AGMA #7 gear oil. fmin events EDGER CHANNEL UNIT 6: PHOTO- CELLS 11. Clean as needed with soft lint free cloth or micro fiber cloth. f f01 EDGER CHANNEL UNIT 6: BELTS AND ROLLERS 12. Visually check, and clean the Edger/ Extractor/Shingler. 1 9 101 Singulator belts for wear (frayed edges, shiny surface) and rollers for dirt build up (above and below deck). 3 9 40 SINGULATOR UNIT 9: BELTS AND HARDWARE 13. Check Singulator belts and hardware for the following: 3 9 40 INT 9: BELTS AND HARDWARE 13. Check Singulator belts and	Equipment Nomenclatur	e S		Equipmer	nt Model			Bulletin Fi	ilename	٨	Occurre		
Part or Component Item No Task Statement and Instruction (Comply with all current safety precautions) Item Time (Time) Iter Man (Dim) Iter Tresholds Real Component 6. Check overthick separator belts and rollers. 1 Iter (Dim)	AIO	0							00304	~		LODIVI	
Component No Component startey precautions) Time Sking (mm) Lew Mous Precautions) Run Precautions) Run Precautions) Run Precautions) Run Precautions) Run Precautions) Run Precautions) Run Precautions) Run Precautions) Run Precautions) Run Precautions) Run Precaut	Part or	Item		Task	Statemen	t and I	nstruction		Est.	Min.		Threshold	s
Image: series of the second second series of the second	Component	NO	(Comply wit	in all curre	ent sate	ety precautio	ons)	Req	Lev	Run	Pieces	Freq.
EDGER CHANNEL 11. Clear Edger/Extractor/Shingler photo cells. 2 7 40 EDGER CHANNEL 11. Clear Edger/Extractor/Shingler photo cells. 2 7 40 EDGER CHANNEL 11. Clear Edger/Extractor/Shingler photo cells. 2 7 40 EDGER CHANNEL 11. Clear Edger/Extractor/Shingler photo cells. 2 7 40 EDGER CHANNEL 11. Clear Edger/Extractor/Shingler photo cells. 2 7 40 EDGER CHANNEL 11. Clear Edger/Extractor/Shingler photo cells. 2 7 40 EDGER CHANNEL 11. Clear Edger/Extractor/Shingler photo cells. 2 7 40 EDGER CHANNEL 11. Clear Edger/Extractor/Shingler photo cells. 2 7 40 EDGER CHANNEL 11. Clear Edger/Extractor/Shingler photo cells. 2 7 40 UNIT 6: EPHOTO-CELLS 11. Visually check, and clear the Edger/ 1 9 101 UNIT 6: BELTS AND ROLLERS 13. Check Singulator belts and hardware for the following: 3 9 40 UNIT 9: BELTS AND HARDWARE									(min)		Hours	Fed (000)	-
a. Check the Overthick Conveyor belts for wear and proper tracking. a. Check the Overthick Conveyor and drum roller drive belts for wear and proper tension. b. Check the Overthick Conveyor and drum roller drive belts for wear and proper tension. c. Check all shaft set screws for tightness. 7. Lubricate overthick separator bearings. Lubricate the bearing assemblies on the Overthick Conveyor and drum rollers using lithium based NLGI grade 2 grease. 8. Fill overthick separator gear motor. Check the oil level in the drum roller gear motor. Fill to the proper level using AGMA #7 gear oil. 2 7 40 EDGER CHANNEL UNIT 6: PHOTO- CELLS 11. Clean Edger/Extractor/Shingler photo cells. Ensure all photo sensors are clean. Clean as needed with soft lint free cloth or micro fiber cloth. 2 7 40 UNIT 6: ELTS AND ROLLERS 12. Visually check, and clean the Edger/ Shiny surface) and rollers for dirt build up (above and below deck). 1 9 101 SINGULATOR UNIT 9: BELTS AND HARDWARE 13. Check Singulator belts and hardware for the following: NOTE 3 9 40 I. Feeder belts tracking correctly and not skewed. 1. Feeder belts tracking correctly and not skewed. 2. Pickoff drive pulley seated properly and that it shows no sign of wear. 3 9 40			6 Chec	k overthi	ck sepa	rator	belts and	rollers				(000)	
wear and proper tracking. b. Check the Overthick Conveyor and drum roller drive belts for wear and proper tension. c. Check all shaft set screws for tightness. 7. Lubricate overthick separator bearings. Lubricate the bearing assemblies on the Overthick Conveyor and drum rollers using lithium based NLGI grade 2 grease. 8. 8. Fill overthick separator gear motor. Check the oil level in the drum roller gear motor. Fill to the proper level using AGMA #7 gear oil. 2 7 40 EDGER CHANNEL UNIT 6: PHOTO-CELLS 11. Clean Edger/Extractor/Shingler photo cells. 2 7 40 UNIT 6: EDGER CHANNEL UNIT 6: BELTS AND ROLLERS 12. Visually check, and clean the Edger/ 1 9 101 UNIT 6: BELTS AND ROLLERS 13. Check Singulator belts and hardware for the following: 3 9 40 SINGULATOR UNIT 9: BELTS AND HARDWARE 13. Check Singulator belts and hardware for the following: 3 9 40 ND HARDWARE 13. Check for pulley may cause aluminum debris to enter the BDS causing false indications. 1 9 40 LUNIT 9: BELTS AND HARDWARE 10. Feeder belts tracking correctly and not skewed. 2 Pickoff drive pulley seated properly and that it shotws no sign of wear. 3			a. C	Check the	e Overti	hick	Conveyor	belts for					
b. Check the Overthick Conveyor and drum roller drive belts for wear and proper tension. in roller drive belts for wear and proper tension. c. Check all shaft set screws for tightness. i. 7. Lubricate the bearing assemblies on the Overthick Conveyor and drum rollers using lithium based NLG1 grade 2 grease. iiiiiiiiiiiiiiiiiiiiiiiiiiiiiiiiiiii			W	ear and									
c.C.Check all shaft set screws for tightness.7.Lubricate overthick separator bearings. Lubricate the bearing assemblies on the Overthick Conveyor and drum rollers using lithium based NLGI grade 2 grease.8.Fill overthick Conveyor and drum roller gear motor. To proper level using AGMA #7 gear oil.EDGER CHANNEL UNIT 6: PHOTO- CELLS11.Clean Edger/Extractor/Shingler photo cells. Ensure all photo sensors are clean. Clean as needed with soft lint free cloth or micro fiber cloth.2740EDGER CHANNEL UNIT 6: BELTS AND ROLLERS12.Visually check, and clean the Edger/ Extractor/Shingler.19101SINGULATOR UNIT 9: BELTS AND HARDWARE13.Check Singulator belts and hardware for the following:3940III 9: File compensator arms coming in contact with the pickoff drive pulley may cause aluminum debris to enter the BDS causing false indications.3940III 9: Fielder LUNIT 9: BELTS AND HARDWARE1.Feeder belts tracking correctly and not skewed.3940III 9: Fielder AND HARDWARE1.Feeder belts tracking correctly and not skewed.1.Feeder belts tracking correctly and not skewed.1.Feeder belts tracking correctly and not skewed.III 9: Fielder 17.III 10: Check Sing of wear.1.Feeder belts tracking correctly and not skewed.940			b.C ro te	Check the oller driv ension.	e Overth /e belts	iick C for	Conveyor wear an	and drum Id proper					
7.Lubricate overthick separator bearings. Lubricate the bearing assemblies on the Overthick Conveyor and drum rollers using lithium based NLGI grade 2 grease.Image: Convertience of the convertience of			c. C	Check all	shaft se	et scre	ews for tig	htness.					
8. Fill overthick separator gear motor. Check the oil level in the drum roller gear motor. Fill to the proper level using AGMA #7 gear oil. Image: Check the oil level in the drum roller gear motor. Fill to the proper level using AGMA #7 gear oil. EDGER CHANNEL UNIT 6: PHOTO-CELLS 11. Clean Edger/Extractor/Shingler photo cells. Ensure all photo sensors are clean. Clean as needed with soft lint free cloth or micro fiber cloth. 2 7 40 EDGER CHANNEL UNIT 6: BELTS AND ROLLERS 12. Visually check, and clean the Edger/ Extractor/Shingler. Visually examine belts for wear (frayed edges, shiny surface) and rollers for dirt build up (above and below deck). 1 9 101 SINGULATOR UNIT 9: BELTS AND HARDWARE 13. Check Singulator belts and hardware for the following: NOTE The compensator arms coming in contact with the pickoff drive pulley may cause aluminum debris to enter the BDS causing false indications. 3 9 40 1. Feeder belts tracking correctly and not skewed. 2. Pickoff drive pulley seated properly and that it shows no sign of wear. 3 9 40			7. Lubrio Lubrio Overt lithiur	cate ov cate the thick Col n based	verthick bearir nveyor NLGI gr	se ng a and ade 2	parator ssemblies drum roll 2 grease.	bearings. on the ers using					
EDGER CHANNEL UNIT 6: PHOTO- CELLS11.Clean Edger/Extractor/Shingler photo cells. Ensure all photo sensors are clean. Clean as needed with soft lint free cloth or micro fiber cloth.2740EDGER CHANNEL UNIT 6: BELTS AND ROLLERS12.Visually check, and clean the Edger/ Extractor/Shingler. Visually examine belts for wear (frayed edges, shiny surface) and rollers for dirt build up (above and below deck).19101SINGULATOR UNIT 9: BELTS AND HARDWARE13.Check Singulator belts and hardware for the following:3940The compensator arms coming in contact with the pickoff drive pulley may cause aluminum debris to enter the BDS causing false indications.39401.Feeder belts tracking correctly and not skewed.2.Pickoff drive pulley seated properly and that it shows no sign of wear.3.0404.Excessive dirt build-up in the P-SEN 17 and P-LED 17.1.Excessive dirt build-up in the P-SEN 17 and1.			8. Fill o the oi to the	verthick il level in e proper l	separat the dru evel usi	or ge m rol ng A	ear motor ler gear n GMA #7 g	: Check notor. Fill jear oil.					
ONT 6. PHOTO- CELLS Ensure all photo sensors are clean. Clean as needed with soft lint free cloth or micro fiber cloth. 1 9 101 EDGER CHANNEL UNIT 6: BELTS AND ROLLERS 12. Visually check, and clean the Edger/ Extractor/Shingler. 1 9 101 Visually examine belts for wear (frayed edges, shiny surface) and rollers for dirt build up (above and below deck). 13. Check Singulator belts and hardware for the following: 3 9 40 NIT 9: BELTS AND HARDWARE 13. Check Singulator belts and hardware for the following: 3 9 40 III 9: SELTS AND HARDWARE 13. Check Singulator belts and hardware for the following: 3 9 40 IIII 9: BELTS AND HARDWARE 13. Check Singulator belts and hardware for the following: 3 9 40 IIIII 9: BELTS AND HARDWARE 13. Check Singulator belts and hardware for the BDS causing false indications. 3 9 40 IIIII 9: BELTS AND HARDWARE 13. Check Singulator pulley may cause aluminum debris to enter the BDS causing false indications. 1 Feeder belts tracking correctly and not skewed. 1 Feeder belts tracking correctly and that it shows no sign of wear. 2 Pickoff drive pulley seated properis position. 1 Excessive d	EDGER CHANNEL	11.	Clean Ed	lger/Extr	ractor/S	hing	ler photo	cells.	2	7		40	
EDGER CHANNEL UNIT 6: BELTS AND ROLLERS12.Visually check, and clean the Edger/ Extractor/Shingler. Visually examine belts for wear (frayed edges, shiny surface) and rollers for dirt build up (above and below deck).19101SINGULATOR UNIT 9: BELTS AND HARDWARE13.Check Singulator belts and hardware for the following: NOTE3940The compensator arms coming in contact with the pickoff drive pulley may cause aluminum debris to enter the BDS causing false indications.94012344456789999999<	CELLS		Ensure Clean as fiber cloth	all pl needed ı.	hoto sol with sol	senso ft lint	ors are free cloth	clean. or micro					
AND ROLLERS Visually examine belts for wear (frayed edges, shiny surface) and rollers for dirt build up (above and below deck). Image: Check Singulator belts and hardware for the following: Image: Check Singulator belts and hardware for the following: Image: Check Singulator belts and hardware for the following: Image: Check Singulator belts and hardware for the following: Image: Check Singulator belts and hardware for the following: Image: Check Singulator belts and hardware for the following: Image: Check Singulator belts and hardware for the following: Image: Check Singulator belts and hardware for the following: Image: Check Singulator belts and hardware for the following: Image: Check Singulator belts and hardware for the following: Image: Check Singulator belts and hardware for the following: Image: Check Singulator belts and hardware for the following: Image: Check Singulator belts and hardware for the following: Image: Check Singulator belts and hardware for the following: Image: Check Singulator belts and hardware for the following: Image: Check Singulator belts for the following: Image: Check Singe: Check Singulator belts for the following:<	EDGER CHANNEL UNIT 6: BELTS	12.	Visually Extractor	check, a r/Shingle	ind clea er.	n the	e Edger/		1	9		101	
SINGULATOR UNIT 9: BELTS AND HARDWARE 13. Check Singulator belts and hardware for the following: 3 9 40 MOTE NOTE NOTE 140 140 The compensator arms coming in contact with the pickoff drive pulley may cause aluminum debris to enter the BDS causing false indications. 1 Feeder belts tracking correctly and not skewed. 1 2. Pickoff drive pulley seated properly and that it shows no sign of wear. 3 0 1 3. Compensator arms in their proper position. 1 Excessive dirt build-up in the P-SEN 17 and P-LED 17. 1 1	AND ROLLERS		Visually e shiny sur and below	examine face) and w deck).	belts fo d rollers	or we for c	ear (fraye dirt build ι	ed edges, up (above					
ONIT 9: BELTS AND HARDWARE NOTE The compensator arms coming in contact with the pickoff drive pulley may cause aluminum debris to enter the BDS causing false indications. Image: Compensator arms in the BDS causing false indications. 1. Feeder belts tracking correctly and not skewed. Image: Compensator arms in their proper position. 2. Pickoff drive pulley seated properly and that it shows no sign of wear. Image: Compensator arms in their proper position. 3. Compensator arms in their proper position. Image: Compensator arms in the P-SEN 17 and P-LED 17.	SINGULATOR	13.	Check Si	ingulato	r belts a	and h	nardware	for the	3	9		40	
NOTE The compensator arms coming in contact with the pickoff drive pulley may cause aluminum debris to enter the BDS causing false indications. 1. Feeder belts tracking correctly and not skewed. 2. Pickoff drive pulley seated properly and that it shows no sign of wear. 3. Compensator arms in their proper position. 4. Excessive dirt build-up in the P-SEN 17 and P-LED 17.	AND HARDWARF		IOIIOWING	J:	_								
The compensator arms coming in contact with the pickoff drive pulley may cause aluminum debris to enter the BDS causing false indications. 1. Feeder belts tracking correctly and not skewed. 2. Pickoff drive pulley seated properly and that it shows no sign of wear. 3. Compensator arms in their proper position. 4. Excessive dirt build-up in the P-SEN 17 and P-LED 17.					NO	ΓE							
 Feeder belts tracking correctly and not skewed. Pickoff drive pulley seated properly and that it shows no sign of wear. Compensator arms in their proper position. Excessive dirt build-up in the P-SEN 17 and P-LED 17. 			The c with t alumir false i	compensator arms coming in contact the pickoff drive pulley may cause inum debris to enter the BDS causing indications.									
 Pickoff drive pulley seated properly and that it shows no sign of wear. Compensator arms in their proper position. Excessive dirt build-up in the P-SEN 17 and P-LED 17. 			1. Feed skew	er belts t ed.									
 Compensator arms in their proper position. Excessive dirt build-up in the P-SEN 17 and P-LED 17. 			2. Picko show	off drive p s no sigr									
4. Excessive dirt build-up in the P-SEN 17 and P-LED 17.			3. Comp	pensator	arms in	their	proper po	osition.					
			4. Exce: P-LEI	ssive dirt D 17.	: build-uj	p in tl	he P-SEN	17 and					

U.S. Postal	Service		MODI	1	50		IDENTIFIC/		100			T) (D=
Maintenance	Chec	klist	WORK CODE		EQUIF ACR('MENT DNYM		CI	LASS ODE	NU	MBER	TYPE
			0 3	A F	C S			Α	E	0	0 1	М
Equipment Nomenclatur	e S		Equipme	nt Model				lename	Δ	Occurre		
AFC	0						IVIIVI	0036A	~			
Part or	Item		Task	Statement	and Instru	ction		Est.	Min.		Threshold	S
Component	NO	(Comply wit	in all currel	ni satety pr	ecautio	ns)	Req	Lev	Run	Pieces	Freq.
								(min)		Hours	Fed (000)	
	1							1	1	1	(000)	
		5. I etio	n strippe	r wear.								
		Stripp wear.	per shoes									
		7. Prope	er operat	ion of the	e slide pl	ate.						
		8. Unob	structed	mail pat	h.							
	14.	Visually	examine	Singula	ator belt	s.		1	9		101	
AND ROLLERS		Check for rollers for Clean roll	ually examine Singulator belts. eck for wear (frayed edges, shiny surface) and ers for dirt build-up (above and below deck) an rollers as needed. eck Singulator alignments.									
SINGULATOR	15.	Check Si	ingulato	r alignm	ents.			6	9		510	
UNIT 9: CHECK				NOT	E							
TOLERANCES		If the f a Sing a Sin genera procee curren http://v	following gulator al ngulator ate a w dures i ntly MMO www.mts	checks lignment alignm vork orc n the -080-02. c.usps.g	are out o may be ent is ler and alignme jov/bullet	of toler need perfo follov ent ins.cfr	rance, ed. If rmed, v the MMO, m					
		1. Chec Chec and p	k Singu k cleara bick off di	lator dri ance be rive pulle	ive pulle tween n ey (4.0 m	ey ad nounti m ± 0.	justment. ng plate .2).					
		2. Chec and i mm).	k horizo dler pulle	ntal aligi eys (top	nment of edges fi	f pick ush w	off drive /ithin ± 1					
		3. Chec prope sprine	k Singula er tensio g).	ator swir n (650 ·	ng arm re - 700 gr	eturn s ams	spring for with pink					
		4. Chec	k Singula	ator strip	pers for:							
		a. 6	0 grams	on non-a	adjustabl	e spri	ng.					
		b. 1	b. 125 - 150 grams on adjustable spring.									
		c. E tł tł	c. Ensure strippers are worn evenly across their faces. If excessive wear appears a the nose, this indicates improper spring tension.									

Maintenance	Chec	klist	CODE		ACRO	⁄ieni √YM		CL	ODE	NU	IMBEK	IYPE
			0 3	A F	CS			Α	E	0	0 1	М
Equipment Nomenclatur AFC	e S		Equipme	nt Model			Bulletin Fil MM1	ename 0058A	A	Occurre	ence ECBM	
·	1							1				
Part or Component	Item No	(Task Comply wit	Statement th all curre	t and Instruct nt safety pre	ion caution:	s)	Est. Time Req (min)	Min. Skill Lev	Run Hours	Threshold Pieces Fed	s Freq.
								<u> </u>			(000)	<u> </u>
SINGULATOR UNIT 9: LED CLEANING	16.	Clean Si	ngulator	VARN	odules. IING			1	7		2200	
		PPE r by ti alcoh	∎ nust be he curr ol.	properl ent M	y used as SDS whe	s requ en u	ıired sing					
		Alcoh alcoh local spont	ol is a f ol soako proc aneous	flammal ed mate cedures combus	ble liquid. erials acc to stion.	Dis ordin pre	card g to vent					
		Thorough the P-LE isopropyl	nly clean D 17 a alcohol d	transm nd P-S on cotto	iit and rec EN 17 m n tipped ap	eive odule plicat	ports of s using :or.					
SINGULATOR UNIT 9: AIR	17.	Clean separato	Singulat r.	or air	filters	and	water	8	7		6700	
WATER SEPARATOR		Drain, dis filters an cleaning.	sassemb d water	le, and separat	clean the t tor. Reas	pneun semb	natic air de after					
BUFFER FEEDER UNIT 10: BELTS	18.	Check B the follow	uffer Fee wing:	eder bel	Its and ha	rdwar	e for	2	9		40	
AND HARDWARE		1. Ensu witho	re the Bu ut obstru	uffer ass iction.	embly ride	s smc	oothly					
		2. Buffe	r/Feeder	movabl	e hardware	э for v	vear.					
		3. Picko show	off drive s no sigr	pulley of wea	seated (r.	prope	rly and					
		4. Feed	er belts f	or wear	and not sk	ewed						
		5. Com	pensator	arms in	their prope	ər pos	sition.					
		6. Teflo	n strippe	r wear.								
		7. Stripp exces	per sho ssive wea	es for ar.	even	wear	and/or					
		8. Prop	er functio	oning of	the slide pl	ate.						
BUFFER FEEDER	19.	Check B	uffer Fee	eder alig	gnments.			3	9		510	
ALIGNMENT AND				NO	ΓE							
TOLERANCE		If the a Buff If a B gener	following er Feede uffer Fee ate a w	checks er alignm eder alig vork ore	are out of nent may b nment is p der and f	toler e nee erfori ollow	ance ded. med, the					

IDENTIFICATION

MMO-006-11

U.S. Postal Service

U.S. Postal	Service			T			IDENTIFICA					-
Maintenance	Chec	klist	CODE		EQUIP ACRC	NYM		CL	_ASS ODE	NU	MBER	TYPE
			0 3	A F	C S			Α	E	0	0 1	М
Equipment Nomenclatur	e C		Equipme	nt Model			Bulletin Fi	ename	^	Occurre		
AIC	0							00307	~		LCDIVI	
Part or	Item		Task	Statement	t and Instruc	tion		Est.	Min.		Threshold	S
Component	INO	(Comply wi	in all curre	int salety pre	caulio	ns)	Req	Lev	Run	Pieces	Freq.
								(min)		Hours	Fed (000)	
		_ I							4 I 1	1	(000)	
		proceo MMO-	dures in .078-02	alignm	ent MMC), cui	rrently					
		http://v	www.mts	c.usps.g	gov/bulleti	ns.cfi	m					
		1. Chec	k Buffer	Feeder	drive pull	ev ad	justment.					
		Chec and p	k cleara bick off di	ance be rive pulle	etween m ey (4.0 mr	iounti n ± 0	ng plate .2).					
		2. Chec	k horizo	ntal alig	nment of	pick	off drive					
		and io mm).	dler pull	eys (top	edges fl	ush v	vithin ± 1					
		3. Chec	k Buffer	Feeder	swing arn	n retu	ırn spring					
		for pr spring	oper ten g).	sion (65	0 - 700 g	rams	with pink					
		4. Chec	k Buffer	Feeder	strippers f	or:						
		а. б	60 grams	s on non	-adjustab	le spr	ing.					
		b. ´	125 - 150) grams	on adjust	able s	spring.					
		c. I t	Ensure s their face at the no	trippers es. If exe se, this i	are worn cessive w indicates i	even ear a mpro	ly across ppears per					
									_			
BUFFER FEEDER	20.	Clean Bu	iffer Fee	eder serv	vo motor	and	area.	2	7		510	
AREA CLEANING		1. Clear servo	n the Bu control	uffer Fe boxes.	eder ser	vo m	otor and					
		2. Clear under	n out re r the Buf	maining fer Feed	debris f ler.	rom	the area					
BUFFER FEEDER	21.	Clean Bu	Iffer Fee	der LED) module	s.		1	7		2200	
UNIT 10: LED CLEANING			[WARN	IING							
		PPE n by th alcohe	nust be he curr ol.	luired using								
		Alcoh alcoh local spont	Alcohol is a flammable liquid. Discard alcohol soaked materials according to local procedures to prevent spontaneous combustion.									
		Thorough the P-LE isopropyl	horoughly clean transmit and receive ports e P-LED 10 and P-SEN 10 modules usir opropyl alcohol on cotton tipped applicator.									

MMO-006-11		Maintenance Technical Support Cen								
U.S. Postal	Service		WORK		IDENTIFICA	TION	100	NU		
Maintenance	Chec	klist	CODE	ACRONYM		C	ODE	UVI		ITE
Environ est Max 11			0 3	AFCS		Α	E	0	0 1	М
Equipment Nomenclature	∍ S		⊢quipmer	nt wodel	Bulletin Fil	ename 0058A	A	Occurre	nce ECBM	
			_		1					
Part or Component	Item No	(0	Task S Comply wit	Statement and Instruction h all current safety precautio	ns)	Est. Time	Min. Skill		Threshold	S
		Ì	. ,			Req (min)	Lev	Run	Pieces Fed	Freq.
						()		TIOUIS	(000)	
BUFFER FEEDER	22.	Clean an	d lubrica	ate buffer carriage dri	ve	4	7		6700	
UNIT 10:		chain.								
CHAIN			Г	WARNING						
		Vario		ducts requiring Ma	torial					
		Safety	/ Data	Sheets (MSDS) ma	y be					
		utilize	d during	g the performance of	f this					
		produ	ct used	is on file and availab	ble to					
		all em	ployees	. When reordering suggested that	uch a					
		MSDS	be requ	lested. Refer to MSD	S for					
		appro	priate	personal prote	ective					
		equip	ment.							
				CAUTION						
		When and b the s overfi can le due to	lubrica earing a specified II. Exce ead to p over lu	ting chains, gear mo assemblies be sure to I lubricant and do essive grease in bea premature bearing fa brication.	otors, o use not rings ailure					
		Clean a carriage. lubricant.	nd lubri Use ligł	icate drive chain fo ntweight general purpo	or buffer ose chain					
BUFFER FEEDER	23.	Clean DL	V power	r supply and card cag	e.	8	9		6700	
UNIT 10: DLV PS AND CARD CAGE			Г	CAUTION						
		Extre	ne care	should be taken that	rules					
		regard (ESD) handl includ comp of wri	ang are ing all ling thos uters, et st straps	strictly followed printed circuit bo se in logic racks, sy tc. This includes the s and ESD pads.	when when wards, vstem e use					
		1. Remo powe chase	ove cove r supply sis.	r on +5, +12, -12, and 2 located behind swing-o	24-volt out					
		2. Vacu	um the p							
		 Ensure tighte 	re all elec n as nec	ctrical connections are essary.	tight,					
		4. Clear	<u>n fan m</u> ou	unted in front of power	supply					

U.S. Postal	Service		MODIC	r				DENTIFIC	ATION	100			T) (DE
Maintenance	Chec	klist	CODE ACRONYM						C	_ASS ODE	NU	MBER	TYPE
			0 3	A F	С	S			Α	E	0	0 1	М
Equipment Nomenclature	e		Equipme	nt Model				Bulletin F	ilename	٨	Occurre		
AFC	3							IVIIVI	10030A	A		ECDIVI	
Part or	Item		Task	Statement	t and I	nstruc	tion		Est.	Min.	-	Threshold	S
Component	INO	((Comply wi	in all curre	nt sai	ety pre	caulio	ns)	Req	Lev	Run	Pieces	Freq.
									(min)		Hours	Fed (000)	
			h l. f		f				1				
		and c		i plade lo	orne	e mo	overne	fil.					
		5. Reins	stall the o	covers.									
		6. Caref remov	ully and ved durii	correctly	y repl r sup	lace ply c	any w over i	rires removal.					
		7. Remo	ove and	vacuum	all ci	rcuit	cards						
		8. Clean	n DLV ca	rd cage.									
		9. Clean	n card ca	ige fan.									
		10. Reins	tall all ci	ircuit car	ds.								
LEVELER UNIT 11: BELTS	24.	Visually of for wear.	check h	orizonta	al and	d vei	tical	belts	1	9		101	
		Check for above and	frayed e d below	edges or deck.	[.] shin	y sui	face	both					
FINE CULL UNIT	25.	Clean do	ubles d	etector	lens.				1	7		40	
12: DOUBLES DETECTOR		Using lens the image	s cleanir illumina	ng cloth v ation and	wipe I lens	the g com	lass pone	covering nts.					
FINE CULL UNIT	26.	Clean all	photo s	ensors.					1	7		40	
12: PHOTOCELLS		Clean pho fiber cloth	oto sens I.	ors with	a lint	free	cloth	or micro					
FINE CULL UNIT 12: BELTS GATES	27.	Visual ch hardware	eck and	d clean l	belts	, gat	es, ai	nd	1	9		101	
AND HARDWARE		1. Checl dama deck)	k hardwa ge, and	are, rolle dirt builc	ers, ai d-up (nd be (abov	elts fo /e and	r wear, d below					
		2. Checl blocks	k fine cu s for pro	ll gate a per aligr	nd in nmen	verte t.	r gate	e stop					
		3. Checl	. Check both gates for free movement.										
FINE CULL UNIT 12: OVER-HEIGHT DETECTOR	28.	Do the feensure the proper he	ollowing he over eight:	g in the -height	e Fin dete	e Cu ctor	ection to at the	5	9		2200		
		1. Using detec mach the o plate	g a metri ctor is 16 nines bas ver-heig (Cats E	c ruler e 60 mm as se plate ht sensc ye).	nsure s mea (decl or Q-3	e the asure <) to 3 lens	over- ed fro the ce s/ape	height m the enter of ture					

U.S. Postal Service						I	DENTIFICA	TION				
Maintenance	Chec	klist	WORK CODE		EQUIPMEI ACRONY	NT M		CI C	ASS ODE	NU	MBER	TYPE
			0 3	AF	CS			A	E	0	0 1	М
Equipment Nomenclature	e S		Equipm	ent Model			Bulletin Fi MM1	iename 0058A	A	Occurre	nce ECBM	
	1 -	r	1	_				·				
Part or Component	Item No		Tasł Comply w	<pre> Statemen /ith all curre </pre>	it and Instruction ent safety precau	ı utior	າຣ)	Est. Time	Min. Skill		Threshold	S
								Req (min)	Lev	Run Hours	Pieces Fed	Freq.
								()		Tiouro	(000)	
		2. If an	adjustr	nent is ne	eeded initiate	аv	vork					
		orde	er and pe	erform the	e adjustment	of t	the most					
		curre	ent docu	mentatio	on available, o	curr	rently					
		MMO	D-027-1	D.	aouladf/mm	~/2	010/mm					
		o027	<u>//www.n</u> 710.pdf	<u>itsc.usps</u>	s.gov/pui/mm	0/2						
	00				l C 14			00	_		F 10	
FILTER CLEANING	29.	Clean m	aster ar	ia rec no	dae tiiters.		22			510		
MASTER AND		1. Clea	n filters	on maste	er computers.							
REC		а. (Open do	or to ma	ster node.							
		b. \	√acuum	filter insi	de door.							
		C. (Clean filt assembly	er on ma y.	aster node far							
			1) Rem the a asse	ove filter assembly mbly.	assembly by to left and re	/ tu emc	rning oving					
		2	2) Rem asse screv the p	ove the mbly b ws holdi plastic filt	e filter from y removing ng the wire er holder.	tl t ref	he filter he two tainer to					
		3	3) Was	h the filte	er in warm wa	ater						
		2	4) Cont filter reins the c	inue with to dry. T stall the fi clean up t	n route and al Then reassen ilters as direc task.	llow nble ted	v the e and l within					
		2. Clea	n filters	on the re	c nodes.							
		a. I f	Pull gent	ly on the ler to ren	corner of the nove it.	e so	quare					
		b. F	Remove water.	the filter	s and wash ir							
		с. (Continue Then rea as direct	e with rou assemble ed within								
		3. Clea on th	n ACP c ne fans.	abinet fa	ins. Clean di	rt b	ouild-up					
ACP UNIT 16: M1, M2, AND REC	30.	Clean th nodes, a	e ACP r and SWS	naster c STP com	omputers, ro puter.	gnition	60	10		6700		
NODES INTERNAL CLEANING		1. ACP	master	compute	er cleaning.							

								100			
Maintenance Checklist						<u> </u>		LASS ODE	NU		
Equipment Nomenclature	U 3 Equipme	⊢A ⊢ F nt Model			B	ulletin File	A A		Occurre	U 1 Ince	IVI
AFCS						<u>MM10</u>	0058A	A		ECBM	
Part or Itom	Tack	Statement	and Instr	uction			Ect	Min		Threshold	
Component No (Comply wit	th all curren	nt safety p	precaution	ons)		Time	Skill		Theshold	15
							Req (min)	Lev	Run Hours	Pieces Fed	Freq.
							· · /			(000)	
a. D	isconne	ct and la	bel all	cables	s fro	om the					
ri ri	ear pane	l of the N	11 and I	M2 cor	որւ	uters.					
	[CAUT	ON								
Ensu	e cabl	es are	free	from	ı a	any					
restric	ctions b	efore ex	ctendin	g con	npu	iter					
	b. Remove four (4) screws securing master										
	ode com	our (4) s puter to	cabir	naster							
c. S	ilide mas ngage.	ster node	compu	ter un	atches						
d. F	Release flexible black plastic latches on right and left cabinet rack slides.										
1) Lift lat	tch up or	n left sid	e.							
2) Push	latch dov	wn on ri	ght sic	le.						
		WARN	ING								
Two p the c and/o result	eople a ompute r dama	re requir r or inj age to	red to li jury to equip	ft and pers ment	l ca son m	nrry nel nay					
e. C fr F ta	sult. . Carefully remove master node computer from right and left cabinet rack slides. Place computer on the work bench or take to the Dust Containment Unit for cleaning										
f. T c tł	o gain omputer, ne top to	access , remove the com	to the e 6 scre puter.	insid ws th	e o at s	of the secure					
	CAUTION										
Extre rules disch follov circu logic This and E	me car reg large ved wh it boar racks, include SD pac	re shou arding (ESD) een han ds, inc system s the us ds.	Id be ele are dling luding comp se of w	taker ctro-s si all pi tho outers vrist s	n tl stat tric rint se s, e stra	hat tic- ttly ted in etc. aps					

MMO-	006-11
------	--------

U.S. Postal S													
Maintenance	Chec	klist	WORK CODE		E	QUIPM	⊏NT YM			ASS <u>OD</u> E	NU	WBER	IYPE
			0 3	A F	С	S			Α	E	0	0 1	М
Equipment Nomenclature	e S		Equipme	ent Model			-	Bulletin Fi	lename	<u>م</u> [Occurre	nce FCRM	
	-		l							•			
Part or Component	Item No		Task (Comply wi	Statement	t and li	nstructic	on aution	1S)	Est. Time	Min. Skill		Threshold	Is
component			(Semply W		Juit	-, 100		- /	Req	Lev	Run	Pieces	Freq.
									(min)		Hours	⊢ed (000)	
		g.	Each pro	cessor c	oolin	g fan h	ias 4	1 screws					
		-	securing	the fan t	to the	e heat	sink	blades.					
			Remove access to	the hea	scre\ t sink	ws to tblade	ge s.	ei Detter					
		h.	Using the	e Dust (Conta	iinmen	it Ur	nit (NSN					
		ļ	4460-06-	000-836	6) Jum	or (eRu	an v ≁	ESD 4586563		1			
		ļ	clean/vac	suum the	inter	ior of t	he c	computer					
			concentra areas arc	ating on ound the	the centr	tan ar al proc	nd h cess	ieat sink ing unit.					
		i.	Replace (NSN 413	the mas 30-06-00	ter n 0-819								
		j.	Replace (NSN 413	the mas 30-06-00	ster n 0-819	node o ∂1).	loor	air filter					
		k.	After clea fan and o M1 or M mount in B, Sec. 7	aning, re compute l2 comp accorda Para. 7.	place r cov uter nce v 15.1.	e proce er thei back with M	esso n se into S-16	r cooling cure the its rack 36, VOL.					
		I.	Repeat	steps d	throu	gh k	with	the M2					
		m	Reconne the M1 a	ct all cat าd M2 co	oles to omput	o the Ł ters.	oack	panel of					
		2. Re	ecognition r	nodes cle	eaning	g.							
		a.	Remove Node 1 (/	cables fr \C Powe	rom tł sr and	he bac 1 Ether	k of 'net)	the Rec					
				CAUT	ION								
		En res out	sure cab trictions k t of cabine	les are pefore e t.	e fre xtene	ee fr ding c	om :omj	any puter					
		b.	Remove Rec Node	Remove four (4) screws securing the first Rec Node 1 in the rack.									
		C.	Slide Re engage.	c Node	1 for	rward	until	latches					
		d.	Release right and	flexible 1 left cabir	black net ra	plasti ick slid	c lat les.	tches on					
		ļ	1) Lift la	tch up o	n left	side.							
		ļ	2) Push	latch do	wn o	n riaht	side	,		1			

U.S. Postal		1				IDENTIF	FICAT	ION		-				
Maintenance	Checl	klist	WORK CODE		E	QUIP	MENT			CL C	LASS ODE	NUI	MBER	TYPE
			0 3	A F	С	S				Α	E	0	0 1	М
Equipment Nomenclatur	e S		Equipme	nt Model				Bulleti	in Filer	name	^	Occurre		
AIO	0							IV		0007	~		LODIVI	
Part or	Item		Task	Statement	and I	nstruc	tion			Est.	Min.		Threshold	S
Component	INO	(Comply wi	in all curre	nt saie	ety pro	ecaulio	ns)		Req	Lev	Run	Pieces	Freq.
										(min)		Hours	Fed (000)	
											I		(***)	
			[WARN	IING									
		Two p the re perso may re	eople a ec node nnel ane esult.	re requi e comp d/or dar	red t outer nage	o lif or to	and inju equip	carry ry to ment						
		e.C a w	arefully nd left ca vorkbenc	remove abinet ra h.	Rec ick sl	Node ides	e 1 fro and p	om righ lace o	nt n					
		f. R D 0 (e	Remove t Oust Cont 00-8366 eBuy #58	op of Re tainment) or an E 3656), cl	ec No t Unit SD c ean/\	ode 1 t (NS comp vacu	and N 446 atible um in	using t 30-06- vacut side.	:he um					
		g. A N	fter clea lode 1, a	ning, rep nd reins	blace tall it	the into	top of rack i	the Re mount.	ec					
		h. R fr	Replace t ront pane	he recog el (NSN /	gnitio 4130	n no -06-(de air)00-8	filters 192).	in					
		i. R N	Replace o lode.	ables or	n the	bacl	c of th	e Rec						
		j.R m u c is N	lode. Remove next Rec Node down in the rack nount and repeat steps 2.a through 2. ntil all three Rec Nodes have beer leaned and the SWSTP computer which s housed in what was the fourth Rec lode slot.											
ENRICHER/ISS	31.	Clean En	richer p	hoto ce	lls.					5	7		40	
UNIT 13: PHOTO CELLS		Clean all micro fibe	photo se er cloth.	ensors w	ith a	lint f	ee cl	oth or						
ENRICHER/ISS UNIT 13: BELTS	32.	Check Er below de	Enricher belts and rollers above and leck for:							7	9		101	
AND ROLLERS		1. Missi	ing hardware.											
		2. Exces	ssive dirt	or debr	is on	rolle	rs an	d belts	i.					
		3. Belt d	lamage o	or wear.										
		4. Belt t	racking a	and belt	debri	s.								
		5. Clear units.	lean areas in and around both scanner nits.											

U.S. Postal		I	DENTIFICA	TION							
Mal	0	1-12-4	WORK	EQU		CL	ASS	NUI	MBER	TYPE	
Maintenance	Cnec	KIIST	CODE		RONYM	<u> </u>	C			0 4	N.4
E au dia ma a mt. Nha ma a ma a la tum			0 3	AFCS		Dullatin Fil	A		0	0 1	IVI
	e S		Equipment	wodel		MM1	iename 0058A	Δ	Occurrer		
74 0	0					1011011	0000/ 0			LODIN	
Part or	Item		Task S	tatement and Instr	uction		Est.	Min.	-	Thresholds	S
Component	No	(Comply with	all current safety	precautior	ns)	Time	Skill	Dun	Diagon	Frog
							(min)	Lev	Hours	Fed	Fleq.
										(000)	
ENRICHER/ISS	33.	Clean sc	anner ap	ertures and le	nses.		3	7		40	
UNIT 13:				where and land		a lint					
SCANNER		free cloth	anner ape	iber cloth	ses with	aim					
APERTURE AND											
LENSES											
ENRICHER/ISS	34.	Clean bo	oth scanne	ers and facep	ertures.	5	9		101		
UNIT 13:		1 Rem	ove and ch	eck foam rolle	ers and l	helts					
SCANNER		from	in front of	aperture.		00113					
FACEPLATE			a face plat	a and an artura	ofony	duat					
		Z. Clear	n iace piat	e and aperture	e or any	ausi,					
		·									
		3. Reins	stall foam	rollers, and en	sure the	e rollers					
		louci	ure slot	nate 5 mm ups	stream o	n the					
		арен									
		4. Clear	n the scan	ner lenses with	n a lens	brush,					
		NON clear	/920-00-2 or	205-0565, and	approve	ea iens					
		cicai									
ENRICHER/ISS	35.	Clean sc	anner lan	np power sup	plies.		8	9		6700	
UNIT 13:				NOTE							
POWER SUPPLY		The t	No scanne	r lamn nower	sunnlie	s are					
		locate	d one on	top of the ot	her bet	ween					
		the A	AT and S	STĊP card ca	ages.	Each					
		power	supply is	on a slide out	rack.						
		1. Trail	scanner	lamp powe	er supp	oly (top					
		asse	mbly):								
		a.	Slide the s	canner lamp p	ower su	upply out					
			to the exte	nded position.		,					
		b.	Remove t	he cover plate	e from t	he lamp					
			adjustmen	t panel to gai	n acces	s to the					
			trail scann	er lamp power	supply.						
		С.	Vacuum th	ne power supp	ly.						
		d.	Vacuum la	amp adjustmer	t panel.						
					- oro	0001/50					
		e.	tighten if n	ecessary.	s are	secure,					
		f.	Reinstall c	over plate.							
		g.	Slide the	scanner lam	o powe	r supply					
		2. Lead	scanner	/ (lower							
		asse	mbly):								

U.S. Postal							NTIFICA	TION	400	KU U		TVDE		
Maintenance	Chec	klist					NIENT DNYM							
Equipment Nomenclature	9		U 3 Equipme	A F I A F		5		Bi	ulletin File	A ename		Occurre	U 1 nce	M
AFC	S								MM1	0058A	A		ECBM	
Part or	Item		Task	Statemen	t and I	nstruc	ction			Est.	Min.		Threshold	s
Component	No	((Comply w	ith all curre	ent saf	ety pr	ecautic	ons)		Time Reg	Skill Lev	Run	Pieces	Freq
										(min)		Hours	Fed	1.04.
B		,								<u> </u>	لـــــــ ا	 	(000)	·
		a. s t	Side the	e scanne (tended	er Iam positi	ip po on.	wer s	supp	biy out					
		b. \	Vacuum	the pow	/er su	ipply								
		c. \	Vacuum	lamp ac	ljustn	nent	panel	I.						
		d. s i	Slide the	e scanne normal p	er lam Positic	ip po on.	wer s	upp	oly					
ENRICHER/ISS	36.	Perform	the follo	owina o	n the	ink	jet ca	inc	eller:	16	9	<u> </u>	30	
UNIT 13: IJC			l			7		-		-				
AND CLEAN			I	WAR	UNG									
		Chem shield	nical pr (s), apr	roof ge rons a	oggle Ind	s (ruhh	with er a	si Ilov	ide 'es					
		must	shields), aprons, and rubber gloves nust be worn when handling											
		cance	allation	ink.										
				WAR	VING									
		When waste currer (MSDS	dispos e, refer nt Mate S).	sing of i to proc erial Sa	ink o cedur afety	r ink 'es o Da	c satu outlin ita S	urat ied ihee	ted in ∋ts					
				CAU	TION									
		Do no tighte bottle	ot over t ning th cap to	tighten t e ink bo break.	the ir ottle	nk bo may	ottle. caus	O∖ se t	ver the					
				CAU	TION									
		Do n orifice the or	not wip ∋s. Wi rifices.	e or l ping or	blot blot	the ting	prin may	the cl	ad og					
			CAUTION											
		Never	Never wipe the engine.											
				CAU	TION									
		Use n wipes perfor assoc	manufac and rming ;iated w	cturer recommended clean d foam swabs when the cleaning tasks vith the IJC.					an len iks					

MMO-006-11					Maintena	nance Technical Support Center						
U.S. Postal	Service		MODIC	FOUR	IDENTIFICA	TION	400			TYPE		
Maintenance	Chec	klist	CODE	ACRONYM		C	DDE	NU	MBER	TYPE		
			0 3	AFCS		A	E	0	0 1	М		
Equipment Nomenclature	e S		Equipmer	nt Model	Bulletin File	ename 0058A	Α	Occurre	nce ECBM			
	-											
Part or Component	Item No		Task : Comply wit(Statement and Instruction h all current safety precautio	ns)	Est. Time	Min. Skill		Threshold	s		
				51	,	Req (min)	Lev	Run Hours	Pieces Fed	Freq.		
						()		Tiours	(000)			
				CAUTION								
		To av	void dam	aging the print engin	e, do							
		not c	ontact th	e bottle tip on the ori	fices.							
			[CAUTION								
		If cle	aning are	eas around the printe	er not							
		asso	ciated wi	ith the printer, put a	blank							
		plate	to protect	ct it from cleaning age								
		1 Visu	allv chec	k the ink bottles on								
		syste	em of the	IJC deck plate assemb								
		ink b	ottle is er	npty, replace by:								
		a.	Remove bottle, ar	ink bottle ship cap from	to empty							
		b	ink bottle	. Discard empty ink bo	ottle.							
		D.	bottle po mate line	e new link bottle into ort, aligning the arrow and tighten.	with the							
		2. Clea	n print en	gine:								
		a.	Move sp and lock	rings away from the p in the maintenance pos	orinthead sition.							
		b.	Remove printhead	the top cover fr I using a 5 mm hex wre	rom the ench.							
		C.	Insert tw side of th documen for illu www.mtso n equipm	o folded clean wipes ne print engine. Refer tation (currently MMC strations and info <u>cusps.gov/bulletin/bb_equ</u> <u>entlist result.cfm</u>								
			Γ	WARNING								
		Disca acco preve	ard sol rding to ent spont	vent soaked mate o local procedures aneous combustion.	erials s to							
		d.	Spray pr approved 07-000-4 minutes tasks.	rint engine with 2 s I cleaning solvent (NS 112). Let solvent soa while continuing wit	quirts of SN 7930- ak for 30 th other							

U.S. Postal	MODI								·		TVDE		
Maintenance	Check	klist	CODE		E	QUIPMI ACRON	≞iN I ΎΜ			LASS ODE	NU	MRFK	IYPE
			0 3	AF	С	S			A	Е	0	0 1	М
Equipment Nomenclature	e		Equipme	nt Model	<u> </u>		Bulle	tin File	ename	<u>,</u>	Occurre	nce	
AFC	S							VIM1(JU58A	A		ECBIN	1
Part or	Item		Task	Statemen	it and li	nstructio	n		Est.	Min.		Threshol	ds
Component	No		(Comply wi	th all curre	ent safe	ety preca	autions)		Time	Skill	Dun	Pieces	Frog
									(min)	LCV	Hours	Field	rieq.
												(000)	
		3. Aft	er 30 minu	tes, con	tinue	with th	e followi	ng:					
		a. b.	Using cle debris fre between to latest 061-06) <u>www.mts</u> <u>n_equipm</u> Remove 2.c, and slots on vacuum. (currentli and infor <u>www.mts</u> <u>n_equipm</u>	Using cleaning swabs, clean dust and debris from the three holes and gap between print engines rub strip. Refer to latest documentation (currently MMO- 061-06) for illustrations and information. www.mtsc.usps.gov/bulletin/bb_equip/Bulleti n_equipmentlist_result.cfm Remove clean wipes inserted in step 2.c, and clean this area, including the slots on both sides, with wipes and vacuum. Refer to latest documentation (currently MMO-061-06) for illustrations and information. www.mtsc.usps.gov/bulletin/bb_equip/Bulleti n_equipmentlist_result.cfm e the printheads:									
		4. Pu	rge the pri	ntheads:	:								
		a.	Move sp and lock	rings aw in the m	vay fro nainte	om the nance	printhea position	d					
		b.	Using or fold threa flat unde touch pri	nly recon e clean v r the fro int engin	nmen wipes nt of t ie.	ded cle in half he enç	ean wipe , and pla gine. Do	s, ice not					
		C.	While ho lightly pr depressi expelled clean wi approxin and disc	touch print engine. While holding clean wipes in place, lightly press purge bulb through a full depression on the ink system until ink is expelled from orifice. Continue to hold clean wipes under print engine for approximately 15 seconds. Remove and discard									
		d.	Using ne printheae engine.	Using new clean wipes, wipe ink from printhead rub strip and front of print engine.									
		e.	Use clea remove a guide sp	Use cleaning solution and wipes to remove any excess ink or debris from guide springs.									
		f.	Pull pin up on guide springs and rotate toward printhead orifices. Lower pin to lock springs in place. The short spring should just make contact with the rub strip, and the long spring should be flush to 1/8" from the surface of the rub strip.					te to ig ush ip.					

MMO-006-11

U.S. Postal	Service			1		<u></u>							
Maintenance	Chec	klist	WORK CODE		E	QUIPM	1ENT <u>JY</u> M		CL C	LASS ODE	NU	MBER	TYPE
Farriere (11)			0 3	AF	С	S			A	E	0	0 1	М
Equipment Nomenclatur AFC	e S		⊢quipme	nt Model				Bulletin Fi	iiename 0058A	4	Occurre	nce ECBM	
	14		<u>.</u> т	State	i on d' l	act	05		F -4	N 45		Threat	
Component	No	(Comply wi	th all curre	nt safe	ety prec	autio	ns)	⊏st. Time	skill			- -
									Req (min)	Lev	Run Hours	Fed	⊢req.
<u> </u>	<u> </u>		Reinstell	top cov	2r \4/i4	h 5 ~	mb	<u>کر</u>			<u> </u>	(UUU)	I
		y. N	wrench.	.op 000	Si Wil	ai J III							
ENRICHER/ISS	37.	Replace	filter on	the IJC	cont	troller	ſ.		8	9		13300	+
UNIT 13: IJC CONTROLLER FILTER		1. Disco the co	onnect th ontroller.	e power	cord	from	the t	oack of					
		2. Disco the ba	onnect th ack of th	e P3 prii e contro	nthea ller.	ad data	a cal	ble from					
		3. Disco	onnect th	e J2 IJC	:2 inte	erface	cab	le.					
		4. Disco	onnect th	e J13 pr	inthe	ad po	wer	cable.					
		5. Remo Stora	Remove controller from the Integrated Storage Controller Shelf (ISCS).										
		6. Place facinę	Place controller on a flat surface bottom facing up.										
		7. Remo	ove the f	our scre	ws se	ecurin	g filte	ər cover.					
		8. Remo with r	ove and one ove and one over a contract of the second second second second second second second second second s	discard t	the fil	ter an	d rep	olace					
		9. Secu	re filter c	over wit	h the	four s	screv	VS.					
		10. Place	econtroll	er back	on th	e ISC	S.						
		11. Conn	ect J13.										
		12. Conn	ect J2 IJ	C2 Inter	face.								
		13. Conn	ect P3 p	rinthead	data	cable	€.						
		14. Conn	ect powe	ər cord.									
ENRICHER/ISS UNIT 13: ID TAG VERIFIER	38.	Clean bo	lean both ID Tag Verifiers.							7		70	
FAUEPLATE		When waste currei (MSD)	dispos , refer nt Mate S).	rinks esou Data	rated ed in heets								
		Clean bo in front of aperture a	th ID tag f Reader and raise	verifiers . Pay pa ed portio	s. Re articu n of t	move lar atte he fac	ink l entic cepla	build-up on to ite.					
ENRICHER/ISS	39.	Clean Inc	dicia De	tector fa	acepl	ate.			8	7		3	t i
DETECTOR		Ensure w are clear	vindows of any fo	on the ou preign su	utsid∈ ıbstar	∍ of th าce ar	e fac าd di	eplates rt.					

U.S. Postal S	Service											
Maintenance	Chec	klist		L		MENT			LASS ODE	NU	WBER	I YPE
			0 3	A F	C S			A	E	0	0 1	М
Equipment Nomenclature	, ,		Equipme	nt Model		_	Bulletin F	ilename	Δ	Occurre	nce	
								. 5050A.				
Part or	Item		Task	Statement	t and Instruc	tion	ins)	Est.	Min.		Threshold	s
Component		(Comply WI	ur an cuffe	an salety pr	JUDUGU	///s/	Req	Lev	Run	Pieces	Freq.
								(min)		Hours	Fed (000)	
·······	·							 T		<u> </u>	\ <u>```</u> /	
ENRICHER/ISS	40.	Clean Inc	licia De	tectors	Group A	and E	3.	20	9		510	
UNIT 13: INDICIA DETECTOR INTERIOR		1. Remo both I	ove cove lead and	ers on Gr trail.	oup A inc	licia d	letector					
		2. Clear detec	the ultrators, and	aviolet la 1 FIM se	amps, lurr nsors.	inesc	ence					
		3. Acces surfac detec	ss and c ces of th tor wind	lean the e lumine ows.	inside an scence a	d out: nd Fli	side M					
		4. Chec halog	k the hea en lamp	at absorl s for bre	bing glas: akage.	ont of the						
		5. Chec Remo	k the fac	eplate fo debris ar	or debris a nd/or build	uild-up.						
		6. Ensu	re cover	gasket i	s not wor	n or d	amaged.					
		7. Repla	ace cove	rs.								
		8. Remo both I	ove cove lead and	ers from t trail.	the B indi	cia de	ectors,					
		9. Repe	at steps	2 throug	h 7 for th	e B g	roup.					
ENRICHER/ISS	41.	Clean AA	T powe	r supply	y and car	d cag	je:	15	9		6700	
AND CARD CAGE		_	l	CAUT	ION							
		Extrei regard (ESD) handl includ comp of wri	Extreme care should be taken that rules regarding electro-static-discharge (ESD) are strictly followed when handling all printed circuit boards, including those in logic racks, system computers, etc. This includes the use of wrist straps and ESD pads.									
		1. Open cage.	Open door over AAT card cage. Open carc cage.									
		2. Vacu	um filter	in door o	of AAT ca	rd ca	ge.	1				
		3. Remo	ove powe	ər supply	/ cover.			1				
		4. Vacu side c	um AAT of the ca	power s rd cage.	supply loc	ated a	at the left					
		5. Vacu and c	um fan r heck far	nounted າ blade fo	on top o or free mo	f pow	er supply ent.					
		6. Remo	ove and	vacuum	all circuit	cards	3.	1				

MMO-006-11

U.S. Postal	Service					DENTIFICA	NTIFICATION					
Maintenance	Chec	klist	WORK CODE		EQUIPME ACRONY	1 1	CI C	ASS ODE	NU	MBER	TYPE	
Equipment Newsrelstow			0 3		CS		Dullatin C	A	E	0	0 1	М
	S		⊂quipmer	it wodel			MM1	0058A	A	Occurrel	ECBM	
Dantan	14		Taala	04-4	I. I	_		E.t.	N.41		T	_
Component	No	(0	ा ask ः Comply wit	h all curre	nt safety preca	n utior	is)	Est. Time	Skill		Inresnoid	s
								Req (min)	Lev	Run Hours	Pieces Fed	Freq.
								· · /			(000)	
		7. Reins	stall all ci	rcuit car	ds.							
		8. Ensui tighte	re all ele n as nec	ectrical c essary.	connections	are	secure,					
		9. Caref remov	ully and ved durir	l correc ng powe	tly, replace r supply cov	an er r	ıy wires emoval.					
		10. Reins	stall powe	er supply	y cover.							
		11. Vacu	um the c	ard cage	Э.							
		12. Vacu	um the c	ard cage	e fan.							
		13. Remo powe	 Remove covers on Gray Scale Came power supplies. Vacuum the power supplies There is no factorial fac									
		14. Vacu on 15	. Vacuum the power supplies. There is no fa on 15 volt power supplies.									
		15. Caref remov	 5. Carefully and correctly, replace any wire removed during power supply cover remova 									
		16. Reins	stall both	covers	removed in s	step	13.					
		17. Close	e card ca	ge and o	door over ca	rd c	age.					
ENRICHER/ISS	42.	Clean AN	11 and A	M2 pow	ver supplies	5.		28	9		6700	
PS AND CARD				CAUT	ION							
CAGE		Exerci cover screw away conne	ise car of AM1 is rem from bo ected to i	e when power noved, x and t inside o	n removin supply. O the cover he power s of the front o	g wil upp cov	front last fall oly is er.					
				CAUT	ION							
		Extren regarc are st printe in log This i and E	Extreme care should be taken that rules regarding electro-static-discharge (ESD) are strictly followed when handling all printed circuit boards, including those in logic racks, system computers, etc. This includes the use of wrist straps and ESD pads.									
				NOT	ΓE							
		AM2 p Power AM1 inside	AM2 power supply is mounted on top of the Power Distribution Assembly box. The AM1 power supply is mounted on the inside top of the power distribution panel.									

U.S. Postal	Service				I	DENTIFICA	TION					
Maintenance	Chec	klist	WORK CODE		CL C	LASS ODE	NUI	MBER	TYPE			
			0 3	A F	CS			Α	E	0	0 1	М
Equipment Nomenclature	e S		Equipmer	nt Model			Bulletin Fil MM1	ename 0058A	A	Occurre	nce ECBM	
							1					
Part or Component	Item No		Task : (Comply wit	Statement a h all current	nd Instruc	tion cautior	ns)	Est. Time	Min. Skill		Threshold	S
								Req (min)	Lev	Run Hours	Pieces Fed	Freq.
								()			(000)	
		1. Clea	n power s	supplies.								
		a. (\ 	Open doo volt AM1 ocated be cages.	r over the and A etween th	+5, +12 M2 po e AM1 a	, -12, wer and A	and +24 supplies M2 card					
		b. F	Remove p	ower sup	ply cove	r on A	λM2.					
		c. \	√acuum tł	ne power	supplies							
		d. \ F	Vacuum bower su free move	fan mour pply and ment.	nted on check	top fan b	of each blade for					
		e. [Ensure all Tighten as	electrical necessa	l connec ry.	tions	are tight.					
		f. (r r	Carefully a removed removal.	and corre during	ctly, repl power	ace a suppl						
		g. F	Reinstall p	ower sup	ply cove	ers.						
		h. (Close the	power su	pply ass	embly	/ door.					
		2. Clea	n AM1 an	d AM2 ca	rd cage	S.						
		a. (Open doo cages.	ors over	AM1 a	nd Al	M2 card					
		b. \	√acuum fi	lter in doo	or of AM	1 card	l cage.					
		c. \	Vacuum A	M1 card	cage.							
		d. \	Vacuum A	M1 card	cage fan	-						
		e. \	√acuum fi	lter in doo	or of AM2	2 card	l cage.					
		f.F	Remove a	nd vacuu	m all cire	cuit ca	ards.					
		g. \	Vacuum A	M2 card	cage.							
		h. \	Vacuum A	M2 card	cage fan	-						
		i. F	Reinstall a	all circuit o	ards.							
		j. (Close doo cages.	ors over	AM1 a	nd Al	M2 card					
ENRICHER/ISS	43.	Clean th	ne 42 Volt	power s	upply.			2	9		6700	
ONIT 13: EN AC POWER DIST BOX 42V			WARNING									
		Disco 208 Powe on th	onnect a VAC pov er Distrib e Main P	nd lock wer that ution Uni ower Dis	out the feeds it prior t tributio	e 3-pl the o wo n Unit	hase, Main rking t.					

MMO-0	006-11
-------	--------

U.S. Postal	Service											
Maintenance	Chec	klist	st WORK EQUIPMENT CODE ACRONYM 0 3 A F C S					CL C	ASS ODE	NUI	MBER	TYPE
			0 3	AF	CS			A	<u> </u>	0	0 1	М
	e S		Equipmei	nt Model			Bulletin FI MM1	iename 0058A	A	Occurrei	ECBM	
								-				
Part or Component	Item No	(Task Complv wit	Statement	and Instruct	ion cautior	ıs)	Est. Time	Min. Skill	-	Threshold	5
		,	.,		51		,	Req (min)	Lev	Run	Pieces	Freq.
								(11111)		Hours	(000)	
		 Lock feeds presc instru proce Clear Clear Box. Clear inside box. Clear a fan 	out the ribed b actions adures. a 42 volt a inside power The 42 v re all ele	3-phase ain Pow y the provid power si of EN 42 volt distribut volt powe	e, 208 VA er Distribu current I ding Ic upply. AC Powe power su ion box o er supply c	C por ution ocal ockou r Dis upply n left loes r	wer that Unit as lockout t/restore stribution located t side of not have ight.					
ID TAG PRINTER:	44.	Check th	neck the ink and make-up ink supply.						7		3	
INK SUPPLY			WARNING									
		When waste currei (MSD:	disposi , refer to nt Mater S).	ng of in o procec ial Safet	k or ink s lures outl y Data Sh	atura ined ieets	ited in					
		Visually c replenish Replace l	heck the ment bot by:	e level of tles; rep	ink and m lace if less	nake- s than	up ink in 1/8 full.					
		1. Remo and r	ove unde eplace ca	er filled b ap.	ottle, inser	t new	v bottle,					
		2. Clear	n up any	spilled o	r splattere	d ink						
		3. Close	e all print	er doors	and cover	rs.						
ID TAG PRINTER:	45.	Clean an	d check	ID Tag	ink nozzle) .		6	7		101	
NOZZLE			[WARN	ING							
		When waste currei (MSD	disposi , refer to nt Mater S). eck ID Ta	ng of in o procec ial Safet ag printe	k or ink s dures outl y Data Sh r nozzles.	atura ined ieets	in					
		2. Cle noz	an fence <u>zle.</u>	e (lead ar	nd trail) in	front	of					

U.S. Postal	Service		IDENTII WORK EQUIPMENT						FICATION				
Maintenance	Chec	klist	WORK CODE		CI	LASS ODE	NU	MBER	TYPE				
			0 3		CS		Dull at in 1	A	E	0	0 1	М	
Equipment Nomenciatur	e S		Equipmei	nt wodel			Bulletin I MM	10058A	A	Occurre	ECBM		
Part or	ltom		Task	Statement	and Instri	uction		Ect	Min		Throchold	6	
Component	No		(Comply wit	th all curre	nt safety p	recautio	ons)	Time	Skill	_		-	
								(min)	Lev	Run Hours	Pieces Fed	⊦req.	
											(000)		
		3. Re tra	emove no: ill, and cle	zzle one ean front	at a tim of apert	e, leac ure pla	d and ate.						
		4. Ch	neck nozz	le and, if	necess	ary, cl	ean						
	40							40	_		0000		
ID TAG PRINTER: FILTERS	46.	Replace replenis A1-3) an vacuum	hment fil hment fil d if using filter (St	, make-u lters on g the PC ep B1-7)	up, and the PC- :-37 rep).	70/80 lace t	(Steps he	13	7		2200		
				WARN	ING								
		When waste curre (MSD	When disposing of ink or ink saturated waste, refer to procedures outlined in current Material Safety Data Sheets (MSDS).										
			NOTE										
		Proce PC-7 through the conta	NOTE Procedure for filter replacements on the PC-70/80 are contained in Steps A1. through 3. and the procedure to replace the Vacuum filter on the PC-37 is contained in Steps B1. though 7.										
		A Proc	edure fo	or the PC	;-70/80:								
		1. Repl	ace both	ID TAG	printer v	acuun	n filters:						
		a. I f	Disconneo filter.	ct two t	ubes o	n righ	t side o	f					
		b. I	Disconne	ct filter fr	om elbo	w fittir	ıg.						
		c. I	Remove f	ilter from	n mounti	ng bra	cket.						
		d. I	d. Install new filter in mounting bracket.										
		e. (e. Connect filter elbow fitting.										
		f. (f. Connect two tubes to right side of filter.										
		2. Repl filters	Replace both ID TAG printer make-up ink filters.										
		a. I	a. Remove clamps at both ends of filter.										
		b. I	 Remove clamps at both ends of filter. Remove make-up ink tubes from bot ends of filter. 					ו					

MMO-006-11

U.S. Postal	Service													
Maintenance	st	WORK CODF		E		T I		CL	LASS ODF	NU	MBER	TYPE		
				0 3	AF	C	S	-		A	E	0	0 1	М
Equipment Nomenclature	e			Equipme	nt Model	1	I I	Bullet	tin File	ename		Occurre	nce	
AFC	S							Ν	/M10)058A	A		ECBM	
Part or	ltem			Task	Statemen	t and I	nstruction			Est	Min		Threshold	s
Component	No		((Comply wi	th all curre	ent safe	ety precaut	ions)		Time	Skill			5
										Req (min)	Lev	Run Hours	Pieces Fed	Freq.
										()		nouro	(000)	
			c. (Connect of replace	make-up ement fil	o ink ter.	tubes to	each e	end					
			d. F	Replace o	clamps o	on ea	ch end o	f filter.						
		3.	Repla	ace both	ID tag p	orinter	replenis	hment	ink					
			a. F	s. Remove o	clamps a	at bot	h ends o	f filter.						
			b. F fi	Remove i ilter.	nk tubes	s fron	n both en	ds of						
			c. (r	Connect i eplacem	nk tubes ent filter	s to e	ach end	of						
			d. F	Replace o	clamps o	on ea	ch end o	f filter.						
		в	Proc	Procedure for replacing the vacuum filter on both PC-37 IJPs:										
			on b	on both PC-37 IJPs:										
				NOTE										
			For illustra Manu http:// /3615	For more detailed information and Ilustration refer the most current PC-37 Manual found on the MTSC web page. http://mtsc.usps.gov/equipment/FICS/Files /361518-01AB.pdf										
		1.	Turn filter the fi	the fitting counterc itting from	g located lockwise n the filte	d on t e one er.	op of the turn, and	vacuu d remov	m ve					
		2.	Pull t the v locat	the vacuu acuum fi ed behin	um tube lter) off o d the va	(attao of the cuum	ched to the barbed of the filter.	ne top o fitting	of					
		3.	Rem ink m coun	Remove the vacuum filter from the top of th nk module by turning the filter ounterclockwise until it becomes loose.					he					
		4.	Disca tubin	Discard the old vacuum filter and attached tubing.										
		5.	Make filter, the to do no	Make certain that the O-ring is in place on the filter, then thread the new vacuum filter into the top of the ink module until it is finger tight, do not over tighten.					the o ght,					
		6.	Push the tube (supplied with the filter) onto the stem on top of the vacuum filter, and insert the opposite end of the tube onto the barbed fitting located behind the vacuum filter.					e						

U.S. Postal	Service		WORK	MENT	IDENTIFI	ON CI	ON CLASS NUMBER		MBER	TYPF				
Maintenance	Chec	klist	CODE ACRONYM 0 3 A F C S							C				
			0 3		С	S		Dullatin	Filer	A	E	0	0 1	М
Equipment Nomenciatur AFC	e S		Equipme	nt Model				MN	1100	ame)58A/	4	Occurre	ECBM	
		1												
Part or Component	Item No	(Task Comply wit	Statement h all curre	and I nt safe	nstruc etv pr	ction ecautio	ns)		Est. Time	Min. Skill		Threshold	ls
· · · · · · · · · · · · · · · · · ·		```						,		Req	Lev	Run	Pieces	Freq.
										(min)		Hours	Fed (000)	
		7. Instal top of	ll the fittir f the new	ng remov vacuum	ved in n filte	n ste r.	p #1 i	nto the						
ID TAG PRINTER: FILTER AND MUFFLER	47.	Replace replace r Primary Filter. C models F	ID tag p nufflers Ink Filt Clean ID PC-70/80	rinter (P If usin er and -Tag Pr /37.	C70/ g a l che inte	/80) PC-3 ck r Ca	final i 7 IJP the li binet	ink filter replace nput Ai is on a	r, è, ir II	41	9		13300	
			WARNING When disposing of ink or ink saturated											
		When	When disposing of ink or ink saturated vaste, refer to procedures outlined in											
		currei	vaste, refer to procedures outlined in surrent Material Safety Data Sheets											
		(MSD:	MSDS).											
				NOT	Е									
		For illustra Alphai the P0 Manua	For more detailed information and illustrations refer to Videojet Excel PC/PI Alphanumeric manual, Service Manual for the PC-70 or Videojet Excel PC 80 Service Manual											
		A Proc	edures f	or the P	C-70	/80:								
		1. Replation top of	ace trail a f ink cylir	and lead ider as fe	prin ollow	ter f /s:	inal in	k filter a	at					
		a.	Open d cabinet.	oors on	Tra	ail I	D ta	g printe	er					
		b. i	cabinet. b. Place absorbent towels in area beneat ink module.					h						
		С.	c. Remove ink line and filter from in cylinder.						k					
		d.	d. Install new filter.											
		е.	e. Secure snugly, but do not over-tighten Reattach ink line.					۱.						
		f.	f. Close doors on Trail ID Tag printe cabinet.						er					
		g.	 g. Replace Lead printer final ink filter at to of ink cylinder by repeating steps through f above but for the Lead Printe 					p a						

MMO-006-11

U.S. Postal S	Service						DENTIFICA	TION				
Maintenance	Checl	dist	WORK CODE			CL	_ASS ODF	NU	MBER	TYPE		
			0 3	A F	CS			A	E	0	0 1	Μ
Equipment Nomenclature			Equipme	nt Model			Bulletin File	ename	_	Occurre	nce	
	ں 							0000A	~			
Part or	Item		Task	Statement	t and Instru	ction	25)	Est.	Min.		Threshold	ls
Component	NO		(Comply wi	un all curre	an satety p	ecautio	115)	Req	SKIII Lev	Run	Pieces	Freq.
								(min)		Hours	Fed (000)	
<u> </u>	<u>.</u>	2. Cle	an ID tao I	printer ca	abinets (ead ar	nd trail):	<u> </u>				. <u> </u>
		a.	Open do cabinets	oors on	both i	D tag	, printer					
		b.	Vacuum	clean ele	ctronics	side						
		~. r	Clean int	(side u	sina lint	free r	ads and					
		0.	appropria	ite solvei	nt.		-95 anu					
		d.	Close do cabinets.	oors on	both l	D Tag	9 Printer					
		3. Rep	place ink je	et printer	muffler:							
		Re _l trai	eplace IJP muffler as follows (lead and ail): Remove muffler from bottom of LIP									
		a.	, Remove muffler from bottom of IJP cabinet.									
		b.	b. Install new muffler.									
		4. Clo	se printer	doors.								
		B Pro	ocedures t	for the P	PC-37 Pr	inters:						
				ΝΟΤ	Ē							
		For illus Man http: 361	For more detailed information and lustration refer the most current PC-37 Manual found on the MTSC web page. http://mtsc.usps.gov/equipment/FICS/Files/ 361518-01AB.pdf									
		1. Rep	place Primary Ink Filter (lead and trail).									
		a.	Place absorbent towels below the ink module to catch any ink that may spill when removing the primary ink filter.									
		b.	b. Remove the fitting from the bottom of the primary ink filter by turning with a 7/16-inch wrench.									
		C.	Unscrew bottom of	the prir f the ink	nary ink module.	filter	from the					
		d.	Wipe exc ink modu	cess ink ile mount	from the ting hole	e botto	m of the					
		e.	e. Discard the old primary ink filter.									
		f.	Install the	e new p	rimary in	k filter	into the					

U.S. Postal	Service		MODIC				DENTIFICA		400			
Maintenance	Checl	klist	CODE			NYM			LASS ODE	NU	INIRFK	TYPE
			0 3	A F	C S			Α	E	0	0 1	М
Equipment Nomenclature	e		Equipme	nt Model			Bulletin Fi	lename	^	Occurre		
AFC	0							0036A	~			
Part or	Item		Task	Statement	and Instruc	tion		Est.	Min.		Threshold	S
Component	No	((Comply wit	th all currei	nt safety pre	ecaution	ns)	l ime Req	Lev	Run	Pieces	Freq.
								(min)		Hours	Fed	
											(000)	
		1	bottom c tight. Do onlv.	of the ir not ove	nk modul r tighten.	e un Han	til finger d tighten					
		g. I	Install the	e fitting	into the	bottor	n of the					
		2. Com repla	plete the	following	g steps to ter	chec	k and/or					
		a. I	Use a wr the top of	ench to the elbo	loosen th w fitting.	e bla	ck nut at					
		b. I i	 b. Use a dull, pointed instrument to pull t input air filter out of the bottom of the manifold. c. Check the input air filter for dirt a 									
		C. (manifold. c. Check the input air filter for dirt an damage. Replace the input air filter necessary. If questionable, replace th filter to ensure proper printer operation.									
		d. l i	Install the into the b	e new or ottom of	existing the air m	input anifol	air filter d.					
		e. 	 e. Thread the elbow fitting back into the bottom of the air manifold, and tighten the nut to secure the fitting. Do not over- tighten. 									
ID TAG PRINTER: BOTTLE FILTERS	48.	Replace and Trai 37PC pri	Bottle F I IJP ink inters.	ilter Ass bottles f	emblies for PC 70	in bo /80 a	th Lead nd	4	9			60 Wks
			WARNING									
		Wher waste curre (MSD	When disposing of ink or ink saturated waste, refer to procedures outlined in current Material Safety Data Sheets (MSDS).									
			NOTE									
		This Filters Printe positie	procedure s on the l ers used ons.	e is app PC 70/80 in both	licable to) and PC the Leac	Ink E 37 In and	Bottle k Jet Trail					
		1. l r	n the Lea nake-up)	ad IJP, pu which vo	ull the bot	tle (in placine	k or a the					

MMO-006-11	
------------	--

U.S. Postal Service Maintenance Checklist				IDENTIFICATION										
			WORK EQUIPMENT CODE ACRONYM						CLASS CODE		NUMBER		TYPE	
			0 3	AF	С	S			A	E	0	0 1	М	
Equipment Nomenclature			Equipment Model Bulletin Fi						ilename	ename		Occurrence		
AFUS									ΙυυοδΑ	А	ECBIN			
Part or	Task Statement and Instruction						Est.	Min.	n. Thresholds					
Component	No	(Comply with all current safety precautions)								Skill Lev	Run	Pieces	Frea.	
											Hours	Fed		
										1		(000)		
		filter tube assembly away from the fluid												
		P	an.											
		2. Pull the cap off of the bottle, and slide the												
		a +1	attached bottle filter tube assembly out of											
		u												
		3. F	emove the fitting from the top of the cap											
					cloc	kwise	one	full turn.						
		4. F	4. Pull the line with attached rubber tube off											
		o	of the top of the cap.											
		5. C	iscard the old filter tube assembly.											
		6 li	nstall the	tall the fitting onto the top of the cap										
		0. 1	in the new bottle filter tube assembly.											
		7. li	nstall the	line with	n atta	acheo	l rubl	per tube						
		(1	emoved in step 4) onto the top of the											
		a	issembly		Jue	mer	lube							
		8. li	nsert the	bottle fil	ter tı	ube a	ssem	nbly into						
		tl	e bottle, and push the cap down to											
		ir	nto the flu	e assem uid pan.	DIY.	Place	e ine	pollie						
		0 -	Panaat at	one 1 (a to -	onlar	o the	filtor						
		9. r ti	ube asse	mbly in	the o	other	bottle).						
		10. F	Proceed t	o repeat	all c	of the	se st	eps for						
		tl	ne Trail IJP ink bottles.											
STACKER UNIT	49	Visual cł	neck of s	stacker	unite				1	9		101		
14/15: GATES	<i>ч</i> 0 .	1 Check each gate for damage free								Ŭ				
AND HARDWARE		movement, or excessive wear.												
		2. Chec	k for mis	sina har	dwai	e.								
		3 Cheo	Check stop blocks for proper alignment and wear.											
		wear												
STACKER UNIT	50.	Clean P-	n P-WA50 boards.						2	7		6700		
14/15: PWA 50		Vacuum	cuum clean the eight P-WA50 printed circui											
BUARDS	boards.													
AFCS: POWER UP	51.	Power on tasks: restore equipment to								All		3		
MMO-006-11

U.S. Postal	Service					IDENTIFICA	TION				
Maintenance	Check	dist	CODE		EQUIPME ACRONY	NT M	CL		NU	MBER	TYPE
			0 3	A F	CS		A	E	0	0 1	М
Equipment Nomenclature	Э		Equipme	nt Model		Bulletin Fi	lename	1	Occurre	nce	
AFC	S					MM1	0058A	A		ECBM	
Part or	ltem		Task	Statement	and Instruction	1	Est	Min		Threshold	e
Component	No	(Comply wi	th all currer	nt safety preca	utions)	Time	Skill		meshold	3
							Req (min)	Lev	Run	Pieces	Freq.
							(11111)		Tiours	(000)	
		oporatio	nal cond	dition			-			1	
		operation									
				WARN	ING						
		Be ca	utious v	vhen wo	rking arour	nd or on					
		equip	ment	when p	ower has	been					
		applie	ed.	-							
				re and re	nole in erec	s whore					
		acces	ss is not	needed t	o perform th	e following					
		Powe	er On tas	sks.		Ũ					
		2. Resto	Restore equipment to service as prescribed								
		by tl	he curre	ent loca	l procedure	providing					
		locko	ut/restor	e proced	ling air and						
		Distri	bution C	abinet, if	necessary.						
		3 Press		R ON bu	ator control						
	'	panel	Press POWER ON button on operator contro anel.								
			anel.								
				NOT	E						
		The	doubles	detect	or unit a	activates					
		autom	atically	when the	e AFCS is j	powered					
		up. A	An audio n of sot	announ ftware is	cement stat	es what hen the					
		double	es detect	tor is ope	rational.						
		4. Resto	ore Powe	er to the l	JP UPS.						
				NOT	E						
		For	more	detailed	informatic	n and					
		illustra	ations re	fer to Vi	deojet Exce	el PC/PI					
		Alphai	numeric	manual,	nual for						
		Manua	Manual.								
		For	more	detailed	informatio	n and					
		illustra	ation ref	er the n	nost curren	t PC-37					
		http://mtsc.usps.gov/equipment/FICS/Files/									
		36151	8-01AB.	.pdf		. 5/1 1100/					
	ļ	5. Resto	ore ID	tag prin	iter power.	Perform					

U.S. Postal	Service					IDENTIFICA	ITIFICATION				
Maintenance	Chec	klist	WORK CODE		EQUIPMENT ACRONYM		CI C	ASS ODE	NUI	MBER	TYPE
	-		0 3	AF	CS		A	E	0	0 1	М
	e S		⊑quipmen	IL IVIOUEI		MM1	ename 0058A	A	Occurre	ECBM	
						1				- 1	
Part or Component	Item No	(Task S Comply with	Statement a h all current	nd Instruction safety precautio	ns)	Est. Time	Min. Skill		Threshold	S
							Req (min)	Lev	Run Hours	Pieces Fed	Freq.
							()		riouro	(000)	
		norm accor manu 37.	al power dance v ial for the	up of th vith the e PC-70/8	he ID tag pr most recen 30 and/or for	inters in t COTS the PC-					
ACP: POWER UP	52.	Restore	ACP and	SWSTP	power.		5	10		3	
		1. Power	r ON the	UPS.							
				NOTE	l						
		Wait 3 compu to com	30 secon uter. This uplete boo	ds before s allows t ot up proc	e powering o he Ethernet s cess.	m M1 switch					
		2. Perfor SWST latest Also s inform www.n pment Manua	to complete boot up process. Perform normal power up of the ACP and SWSTP computers in accordance with the latest documentation (currently SMO-008-09) Also see following for illustrations and information: <u>www.mtsc.usps.gov/bulletin/bb_equip/Bulletin_equ</u> <u>pmentlist_result.cfm</u> and Vol. A of the MS-166 Manual. <u>http://www.mtsc.usps.gov/msbooks</u>								
AFCS:	53.	Check er	mergency	y stop sv	vitches.		5	7			М
STOP SWITCHES				WARNI	NG						
		Be ca equip applie	utious w ment w ed.	hen worl vhen po	king around ower has	or on been					
				WARNI	NG						
		Failur must mach	Failure of any emergency stop switch must be corrected before returning the machine to operation.								
		Check only machi emerg stoppe	Check with other chine								
		1. Press	1. Press the emergency stop switch.								
		2. Ensu emer emer	re that th gency sto gencv sto	ne red lar op switch op lamp o	np in the boo flashes and n the operato	dy of the I the red or control					

U.S. Postal	Service		MODIE	1	E 0		IDENTIFICA	TION				T) (5 -
Maintenance	Check	dist	WORK CODE			MENT NYM		CI C	_ASS ODE	NU	MBER	IYPE
			0 3	A F	C S			Α	E	0	0 1	М
Equipment Nomenclature	e S		Equipme	nt Model			Bulletin Fil MM1	ename 0058A	Δ	Occurre	nce FCBM	
/// 0/	0						1011011	0000/1	/ \		LODIN	
Part or Component	Item No	((Task Comply wi	Statement	and Instruc	tion	ns)	Est. Time	Min. Skill		Threshold	S
Component			сетр. ј т		in called pr)	Req	Lev	Run	Pieces	Freq.
								(11111)		Hours	(000)	
		panel	flashes	. Repla	ce anv bu	Irnt o	ut lamps.					
		lf rep	placeme	nt of b	ulb doe	s not	t correct					
		proble	em, notif	y superv	visor.							
		3. Reset	t the em	ergency	stop swit	ch.						
		4. Ensui	re the	emerge	ncy stop	o lan	nps quit					
		the er	mergenc	y stop s	witch.	i pane						
		5. Repe	at step	os 1 t	through	4 fo	or each					
		emer	emergency stop switch listed in table below.									
			Quantity									
		Unit/I	Unit/Module Emergency Stop Switches									
		a. I	a. Incline Conveyor - 3									
		b. (Overthic	k Separa	ator - 1							
		c. E	Edging C	Channel ·	- 2							
		d. F	Flats Ext	ractor - 2	2							
		e. S	Shingler	- 1								
		f. S	Singulate	or - 1								
		g. E	Buffer Fe	eder - 1								
		h. S	Stacker I	Module #	#1 - 1							
		i. S	Stacker I	Module #	#2 - 1							
		j. (Operator	- Control	Panel - 1							
		k. I	ndicia G	iroup 1 -	1							
		I. I	nverter #	#1 - 1								
		m. [Drying Li	ine - 1								
		n. I	D Tag P	rinters -	1							
		o. S	Scanner	- 1								
AFCS:	54.	Check in	terlock	switche	s.			7	7			М
INTERLOCK SWITCHES			[WARN	IING							
		Be ca	utioue v	vhon wo	rking ar	hund	oron					
		equip	equipment when power has been									
		applie	applied. This task requires that the									
		to pre	achine be running. Take precautions									
		and te	est equ	ipment	from bei	ng ca	aught					

MMO-006-11					<u> </u>	Maintena	nce T	echni	cal Su	pport C	enter
U.S. Postal S	Service		WORK			DENTIFICA	TION CI	ASS	NU	MBER	TYPF
Maintenance	Checl	klist	CODE		ACRONYM		C			0 4	
Equipment Nomenclature	e		Equipmen	A F C	3	Bulletin File	ename		Occurre	nce	IVI
AFCS	S					MM1	0058A	A		ECBM	
Part or	Item		Task S	Statement and	Instruction		Est.	Min.		Threshold	ls
Component	No		(Comply with	h all current sa	fety precautio	ns)	Time Req	Skill Lev	Run	Pieces	Freq.
							(min)		Hours	Fed (000)	
		in mo	oving part	ts.							
			Г	WARNING	3						
		Failu	re of an	v safetv i	nterlock s	witch					
		must	be corre	cted befor	re returning	g the					
		mach	nine to op	eration.							
		Check a machine	all safety stopped,	interlock s individually	witches. / check ead	With the ch safety					
		1. Oper	n appropri	ate panel, c	door, or top	cover.					
		2. Ensi	ure that re	d emergeno	cy stop lamp	o or red					
		malf	unction lar	mp on the c	perator con	itrol					
		lf rep prob	placement lem, notify	of bulb doe	es not corre	ct					
		3. If ap the s	pplicable, ensure that the red jam lamp on selected module flashes.								
		4. Clos	e the pane	el, door, or	top cover.						
		5. Ensu malf appli	ure that the unction lar icable) qui	e emergeno mp) and rec it flashing.	cy stop lamp I jam lamp (o (or (if					
		6. Repe stop	eat steps [·] switch list	1 through 5 ted in table	for each int below.	erlock					
		I	Unit/Modu	Quantity ule Interloc	k Switches	5					
		a. I	Incline Pov	wer Box	1 door sv	vitch					
		b. I	Edging Ch	annel	2 panel s	witches					
		с. 🕄	Singulator		2 cover s	witches					
		d. I	Buffer Fee	der	2 door sv	vitches					
		e. I	Buffer Fee	der	2 cover s	witches					
		f. I	Buffer Car	riage	1 cover s	witch					
		g. l	Leveler		1 cover s	witch					
		h. I	Indicia Gro	oup 1	1 cover s	witch					
		i. I	nverter/Le	eveler	1 cover s	witch					
		j. I	Indicia Gro	oup 2	1 cover s	witch					

U.S. Postal Ser	rvice		MORK		EOI		IDEN1	TIFICAT		<u> </u>	NII I		
Maintenance Cl	hecl	klist	CODE	<u> </u>	EQ AC		1			ODE		NUDER	
Equipment New 1			0 3		C 🛛	3			A	<u> </u> Ē		0 1	Μ
Equipment Nomenclature AFCS			rdnibme	nt wodel			Bulle	eun File MM10	name 058A	4	Occurre	ECBM	1
Derter	ltor	 T		State	20-1 '	tuot: -			Ect	M/I		Thread	le
Component	nem No	(ask (Comply wit	th all currer	nt safety	precaut	ions)		∟st. Time	skill	l	mesnolc	uo
					·				Req (min)	Lev	Run Hours	Pieces Fed	Freq.
												(000)	<u> </u>
	Γ	k. E	Enricher		ξ	covei	⁻ switcł	nes		Ţ,			
		I. E	Enricher		م ا	2 doo	r switcł	hes	l	ļ			
		m. S	Stacker #	[:] 1	م ا	cover	^r switcł	ר	İ	ļ			
		n. १	Stacker #	2		cover	r switcł	'n	İ	ļ			
AFCS: PC 70/80	55.	Perform	the lnk l	Renewal	Refre	sh pro	cedur	.e	20	10	+	2200	
JP KEFRESH		on the P	って /0/80/	ა/.					İ	ļ			
				WARN	IING				İ	ļ			
		Be ca	autious v	when wo	rking	aroun	d or or	<u>ז</u>	l	ļ			
		applie	ed.	**11G[]	power	ııdS	n66I	u	İ	ļ			
		WARNING When disposing of ink or ink saturated											
		147	ا منامی		U	N -		,	l	ļ			
		Wher waste curre (MSD	a dispos e, refer ant Mate S).	ing of it to proce irial Sa	nk or i edures ifety l	nk sa outli Data	curated ined in Sheets	u n 3					
				NOTE					İ	ļ			
		Proce conta and tl 37 is throug	edure for ined in si he proce contain gh n.	Refresh tep 1 sut dure for ed in st	of the b-steps "Refre tep 2	PC-7 a. thr sh of t sub-st	′0/80 it ough u he PC teps a	S 1. -			R		
		1. Proc Print	edure fo: ter:	or the PC) — 70/4	30 Ink	Jet		ļ				
		a. P T	erform th rail PC-7	nis proce 0/80 IJP.	dure fiı	st on t	he AF(CS					
		b. lf F	needed luid Pan.	place a f	resh bu	ottle of	[•] Ink in	the					
		c. P P	ress the rinthead	"Head" k off.	ey to t	ırn the	;						
		d. P	ress F1 o	once to e	nter 0	SER	VICE.		l	ļ			
		e. P	ress F5 c	once, to e	enter 0	2 SER	VICE.		l	ļ			
		f. C "(heck rea: DFF" and	idout to e I Ink is "C	ensure DFF".	High ∖	/oltage	is	ļ				
		A D	'emove s	leeve an	d direc	t the n	roperly	,	l	۱ _۱			

MMO-006-11

U.S. Postal	Service		IDENTIFICATION										
Maintenance	Check	klist	WORK CODE		EC AC	UIPMEN CRONYM	Т		CL C(ASS ODE	NUI	MBER	TYPE
			0 3	AF	С	S			A	E		0 1	М
Equipment Nomenclature	e S		⊢quipme	nt Model			E	MM1	ename 0058A	4	Occurrei	nce ECBM	
			<u> </u>				<u> </u>						
Part or Component	Item No		Task Comply wit	Statemer	nt and Ins ant safet	struction	ons	-	Est. Time	Min. Skill	-	Threshold	S
			1	2411			,		Req	Lev	Run	Pieces	Freq.
		<u> </u>							(11111)		S1001	(000)	
		gr	ounded	printhea	ad into	the serv	<i>ice</i>	tray.		_			
		h. Pr us vo to	revent int ing a Te iltage gro divert in	k from e flon stri ounding k strear	enterinç ip betw ı plate a n.	g return een the and the	blo hig ink	ck by h block					
		i. Pr	ess F5 c	once to	enter 0	3 SERV	/ICE	Ξ.					
		j. Pr "N the se "E	ress F1 t lake-up / en press t "Make- NTER".	o enter Add Tin F3 onc up Add	"FLOW ne" is n æ to en Time t	VTIME". ot at ze iter 01 F o .00 th	the .00) าe and press						
		k. Pr "A	ess SHI	FT and FRESF	F4 tog I ".	ether to	ırt						
		I. Au tui	AUTO REFRESH". I. Auto Refresh runs for 30 minutes and turns off automatically.										
				N	IOTE								
		Durinç on v period printer	y the 30 vith otl lically cl during r	minute her e hecking efresh.	refresh CBM ⊨ for f	time cc tasks ^t aults o	ontir wł on	nue hile the					
		m. Af Te cle	ter the 3 ∍flon strip ∋an.	0 minut c and ei	te Auto nsure ti	Refresł he nozz	h, re Ie h	emove lead is					
		n. In C/ SE	n. In sequence slowly press OFF, then CANCEL, then F1 to get back into 01 SERVICE.										
		o. Pr F1	o. Press F5 to go to 02 SERVICE and press F1 to turn the Ink on.										
			E	WAR	NING]							
		Be sı adjust	Be sure High Voltage is OFF when adjusting nozzle drive.										
		p. Pr en	 p. Press F5 to go to 04 Service. Press F1 enter "N0ZZLE DRIVE". 										

U.S. Postal	Service		WORK					IDENTIFICA		100	NI		TYPE
Maintenance	Checl	klist	CODE						C	ODE	NU		ITPE
			0 3	AF	С	S			Α	E	0	0 1	М
Equipment Nomenclature AFCS	e S		Equipme	nt Model				Bulletin Fil	ename 0058A	А	Occurre	ence ECBN	
	0		1						•			•	
Part or Component	Item No	(Task Comply wi	Statemen th all curre	t and li ent safe	nstructi ety pred	ion cautio	ns)	Est. Time	Min. Skill		Threshol	ds
									Req (min)	Lev	Run Hours	Pieces Fed (000)	Freq.
		q. P P T r. U S. R o	Place the magnifier holder on the Printhead, or brace the magnifier by hand Position the magnifier over the Change Tunnel. Using the cursor keys to raise or lower Nozzle Drive, align the break-off in the center of the Charge Tunnel. Press ENTER. Return the bar code printer to normal operation. NOTE					by hand. nange ower n the ss mal					
				Ν	ΟΤΕ								
		lf con strear gener Ink Ca t P	nplicatior n and/ ating a w alibration	ns arise or brea vork orde tens b ti	in ao ak-off er ano broug	djustir ; co d perf	ng th orrec ormi	ie ink t by ng an					
		IJ	IP.	iopo b. ii	noug	JI 0. I							
		2. Proc	edure fo	or the PO	C – 37	7 Ink	Jet F	Printer:					
		a. P T	erform th rail PC-3	nis proce 7 IJP.	dure	first c	on the	e AFCS					
		b. lf F	needed luid Pan.	place a t	fresh	bottle	e of Ir	nk in the					
		c. R gi	emove s rounded	leeve ar printhea	nd dire d into	ect th	e pro servi	operly ce tray.					
		d. P u: vo to	revent in sing a Te oltage gr o divert in	k from e eflon strij ounding ik strean	nterir p betv plate n.	ng ret ween and t	urn b the f the ir	llock by high hk block					
	e. Pr m		ress the node.	Service	key t	o ente	er the	e Service					
	f. Pi g. Pi	Press the F2 key to select INK SYSTEM.											
		g. Press the F2 key to select INK UPKEEP				PKEEP.							
		h. P ci R	ress the ursor to t EFRESH	Up Arro he YES/ I.	w key ′NO fi	once eld no	e to n ext to	nove the AUTO					
		i. P	ress the	Yes/No	key to	o sele	ct YI	ES. The				1	

Maintenance Checklist WORK ODE EQUIPMENT ACRONYM CLASS CODE NUMBER TYPE Equipment Nomenclature AFCS Equipment Model Buildin Filmane Buildin Filmane MM10058AA 0 1 M Part or Component Item No Task Statement and Instruction (Comply with all current safety precautions) Est. Million Million State Freq. (min) Million Thresholds Part or Component Item No Task Statement and Instruction (Comply with all current safety precautions) Est. Million Million State Freq. (min) Million Thresholds Image: State Statement and Instruction Component Item No Thresholds Thresholds State Freq. (min) Thresholds Image: State S	U.S. Postal S	Service					IDENTIFICA	TION			-	
Equipment Nomenclature AFCS 0 3 A F C S A E 0 0 1 M Equipment Model Builden Filenane MM10058AA Boucarrence Courrence ECGM Courrence ECGM Courrence ECGM Part or Component Item No Task Statement and Instruction (Comply with all current safety precautions) Est. Time Statement Model Min. Hours Thresholds Part or Component Item No Task Statement and Instruction (Comply with all current safety precautions) Est. Time Statement Model Min. Hours Thresholds Part or Component Item No Task Statement and Instruction (Comply with all current safety precautions) Est. Time Statement Model Min. Hours Thresholds Image: Autor REFESH (Complex Statement hand Instruction (NSIDE THE MODULE" appears on the display screen. Image: Nature Statement Nature REFER TO MANUAL" appears on the display screen. Image: Nature REFER TO MANUAL" appears on the display screen. Image: Nature REFER TO MANUAL" appears on the display screen. Image: Nature REFER TO MANUAL" appears on the display screen. Image: Nature REFER TO MANUAL" appears on the display screen. Image: Nature REFER TO MANUAL" appears on the display screen. Image: Nature REFER TO MANUAL" appears on the display screen. Image: Nature REFER TO MANUAL" appears on the display screen that the refersh procedure regulars that	Maintenance	Chec	klist	WORK CODE		EQUIPMENT ACRONYM		CL	ASS ODE	NUI	MBER	TYPE
Equipment Nomenclature AFCS Equipment Model Butlen Flename MM10058AA Occurrence EGM Part or Component Item No Task Statement and Instruction (Comply with all current safety precautions) Est. No Min. Freq. Thresholds Image: No message "FOR REPLACING FLUID INSIDE THE MODULE" appears on the screen. Image: No Thresholds Image: No instruction in the YES/NO field next to START REFRESH, press the Yes/NO key to begin the Refresh procedure. The message "AUTO REFRESH RUNNING REFER TO MANUAL" appears on the display screen. Image: No Image: No Image: No COT bar). Check the ink pressure regulator to ensure that it is set to at least 30 PSI (2.07 bar). Check the ink pressure is about 40 PSI (2.7 bar). Image: No Image: No Image: No Start the refresh remove Teflon strip and ensure the nozzle head is clean. Image: No Image: No Image: No Deserve Ink Stream with magnifying glass and make necessary minor adjustments. Image: No Image: No Image: No Sterem No Sterem No Image: No Image: No AFCS: LIGHT BARRIER TEST Sterem Working around or on equipment when power has been applied. This task requires that the machine be running. Take precautions Image: No			_	0 3	A F	CS		A	E	0	0 1	М
Part or Component Item No Task Statement and Instruction (Comply with all current safety precautions) Est. Time (Req (Mm) Min. Thresholds Part or Component No Task Statement and Instruction (Comply with all current safety precautions) Est. Time (Ref (Ref (Ref) Min. Thresholds Run Pieces (Ref) Thresholds No No Thresholds No Thresholds Thresholds No Thresholds Thresholds No The Effect TO MANUAL Thresholds (207 No The Ink pressure of greater than 30 PSI (2.07 The Ink pressure of greater than 30 PSI (2.07 No Scheck The Ink pressure regulator to ensure the nozzle head is clean. The SERVICE MODE.	Equipment Nomenclature	6		Equipmer	nt Model		Bulletin Fil MM1	lename 0058A	A	Occurre	nce ECBM	
Part or ComponentItem NoTask Statement and Instruction (Comply with all current safety precautions)Est. Image Time Time Est. Time T			ī	I	_		1		-			
Req (min) Lev Run Hours Pieces Feq. (000) Freq. Freq. Mean Mark State message *FOR REPLACING FLUID INSIDE THE MODULE" appears on the screen. i. Ink will start to spray form the ink-head. With the cursor in the YES/NO field next to START REFRESH, press the Yes/NO key to begin the Refresh procedure. The message *AUTO REFRESH RUNNING REFER TO MANUAL" appears on the display screen. i. th>Part or Component</th> <th>Item No</th> <th>(</th> <th>Task S Comply wit</th> <th>Statement a h all current</th> <th>nd Instruction safety precautio</th> <th>ns)</th> <th>Est. Time</th> <th>Min. Skill</th> <th></th> <th>Threshold</th> <th>S</th>	Part or Component	Item No	(Task S Comply wit	Statement a h all current	nd Instruction safety precautio	ns)	Est. Time	Min. Skill		Threshold	S
message "FOR REPLACING FLUID INSIDE THE MODULE" appears on the screen. intermediate j. Ink will start to spray form the ink-head. With the cursor in the YES/NO field next to START REFRESH, press the Yes/No key to begin the Refresh procedure. The message "AUTO REFRESH RUNNING REFER TO MANUAL" appears on the display screen. i k. The ink refresh procedure requires an ink pressure of greater than 30 PSI (2.07 bar). Check the ink pressure regulator to ensure that it is set to at least 30 PSI (2.07 bar), ink may not spray from nozzle. Typical operating pressure is about 40 PSI (2.76 bar). i l. When Auto Refresh is complete return to the SERVICE MODE. i. u. After the refresh remove Teflon strip and ensure the nozzle head is clean. iiii Set to at least so PSI (3.07 bar). m. Deserve Ink Stream with magnifying glass and make necessary minor adjustments. iiiii Set to the service field is clean. m. Deserve Ink Stream with magnifying spass and make necessary minor adjustments. iiiii Set to the service (2 9 2200 AFCS: LIGHT BARRIER TEST 56. Perform light barrier test. Check Facer Canceller light barriers: 2 9 2200								Req (min)	Lev	Run Hours	Pieces Fed	Freq.
AFCS: LIGHT 56. Perform light barrier test. Check Facer Canceller light barriers: 2 9 2200								` '			(000)	
n. Perform steps b. through m. for the Lead IJP. Image: Second steps b. through m. for the Lead IJP. Image: Second steps b. through m. for the Lead IJP. AFCS: LIGHT BARRIER TEST 56. Perform light barrier test. Check Facer Canceller light barriers: 2 9 2200 Image: Barrier test in the state of th			j. In So j. In W to K. TI pr ba di k. TI pr ba er (2 30 nd 1. W th u. A er (2 30 nd al 1. W	Nessage " NSIDE TH creen. NK will star /ith the cu START ey to begi nessage " EFER TC isplay scr he ink ref ressure o ar). Chec nsure tha 2.07 bar). 0 PSI (2.0 ozzle. Ty bout 40 P /hen Auto ne SERVI fter the re nsure the bserve Ir nd make	FOR REP IE MODU It to spray ursor in the REFRESH in the Refi AUTO RE D MANUA een. Tresh proce f greater t ck the ink t it is set t If the ink D7 bar), in pical oper SI (2.76 k D Refresh CE MODE efresh rem nozzle he nozzle he necessary	2LACING FLU LE" appears form the ink- e YES/NO fie H, press the Y resh procedu FRESH RUN L" appears of edure require han 30 PSI (2 pressure regio o at least 30 pressure is s k may not spi rating pressu bar). is complete r E. nove Teflon si ead is clean. with magnify minor adjus	JID on the -head. eld next (es/No re. The INING n the es an ink 2.07 ulator to PSI set below ray from re is eturn to trip and ing glass tments.					
AFCS: LIGHT BARRIER TEST 56. Perform light barrier test. Check Facer Canceller light barriers: 2 9 2200 WARNING WARNING Be cautious when working around or on equipment when power has been applied. This task requires that the machine be running. Take precautions 2 9 2200			n. P IJ	ertorm st P.	eps b. thro	ough m. for th	ne Lead					
WARNING Be cautious when working around or on equipment when power has been applied. This task requires that the machine be running. Take precautions	AFCS: LIGHT BARRIER TEST	56.	Perform Cancelle	light bar er light ba	rier test. arriers:	Check Face	r	2	9		2200	
Be cautious when working around or on equipment when power has been applied. This task requires that the machine be running. Take precautions				WARNING								
to prevent hair, clothing, jewelry, tools, and test equipment from being caught in moving parts.			Be ca equip applie mach to pre and t in mo	utious woment ved. Thi ine be ru event ha est equi oving par	when work when po s task r unning. ir, clothir pment fro ts.	king around ower has requires tha Take precau ng, jewelry, t om being ca h (upper swit	or on been t the itions tools, aught					
FAM3 printed circuit board to up position.			FAM	3 printed		ard to up posi	ition.					

U.S. Postal	Service						DENTIFICA	TION			1955	
Maintenance	Chec	klist	CODE		EQUIPN ACROI	∕IENT NYM		CL	LASS ODE	NUI	VBER	IYPE
			0 3	A F	CS			Α	E	0	0 1	М
Equipment Nomenclatur	e S		Equipmer	nt Model			Bulletin Fi	lename	<u> </u>	Occurre		
AFC	3							AOCOU	~			
Part or	Item		Task	Statement	and Instruct	ion		Est.	Min.	-	Thresholds	S
Component	INO	(Comply wit	n all currel	ni satety pre	cautior	is)	Req	Lev	Run	Pieces	Freq.
								(min)		Hours	Fed (000)	
	1										(000)	I
		opera	ator contr	oi panei								
		3. If mae	chine sta	rts, then	light barri	ers a	re OK.					
		a. 5	Stop the pushbutto panel.	e test b on on	y pressin the ope	g the rator	e STOP control					
		b. I	 b. Return the PE CELL test switch to normal (down) position. If the machine does not start, and the red j lamp on the Operator Control Pa 									
		4. If the lamp illumi are o	machine on th nates, th perating	e does no ne Ope nen one in a deg	ot start, ar erator Co or more raded moo	nd the ontrol light de.	e red jam Panel barriers					
		5. Obse Opera locati	erve the ator Co on of the	alphanu ntrol Pa degrade	umeric dia anel and ed light ba	splay rec rrier(on the ord the s).					
		6. Repo comp	ort these eletion of	location the route	ns to sup e sheet.	ervis	or upon					
		7. Retur (dowr	rn the PE n) positio	E CELL t	est switch	to its	s normal					
		8. Chec	k to ensu	ure that t	he machir	ne wil	l restart.					
		a. I	Press ST on opera	ART FA	CER/CAN	l pusł	nbutton					
		b. (Observe normally.	machine	e starts an	d run	S					
		9. Press Contr	s the STO rol Panel	OP pushl	button on	the O	perator					
AFCS: MAINT REVIEW CHECK	57.	Perform Systems Checklis	the Adva (AFCS) t.	anced F Mainter	acer Cano nance Rev	celler /iew	•	360	10		6700	
		Perform t Checklist maintena 069-06, <u>h</u>	he AFCS procedu nce revie http://mtse	S Mainter res as o w check c.usps.g	nance Rev utlined in i klist, curre ov/bulletin	/iew most ntly N <u>s.cfm</u>	recent 1MO- 1 .					
		As a resu be necess procedure a work or most curr adjustme	It of perfesary to des. If that der to acter to	orming ti o more i it becom complish ments c	his proced n-depth al es the cas n those tas overing ali	lure, i ignme se, ge sks. l ignme	t may ents and enerate Use the ents and					
		Presently	the follo	wing doo	cuments a	pply:						

MMO-006-11

U.S. Postal	Service					I	DENTIFICA	TION				-
Maintenance	Chec	klist	WORK CODE		EQUIPME ACRONY	NT M		CL	ASS ODE	NUI	MBER	TYPE
			0 3	A F	CS	Ι		Α	E	0	0 1	М
Equipment Nomenclature	e S		Equipmen	nt Model			Bulletin Fi MM1	lename 00584	آ م	Occurrer	nce ECRM	
	-		<u> </u>						-			
Part or Component	Item No	(Task S Comply with	Statemen	nt and Instruction	า utior	າs)	Est. Time	Min. Skill		Threshold	s
		,		-				Req (min)	Lev	Run Hours	Pieces Fed	Freq.
	<u> </u>	<u> </u>									(000)	
		1. Align	ments an	nd Adjus	stments Volu	me	B					
		section http://	יו ס סד the <u>mt</u> sc.usp/	e iviS-1 <u>is.q</u> ov/n	oo. <u>nsbo</u> oks/dvn	<u>a</u> m	<u>icin</u> dex.					1
		cfm?l	hbk_msnu	<u>o=166</u>								1
		2. MMC)-078-02	– Buffe	r/Feeder					NUMBER 0 0 Occurrence ECBM Run Pieces Hours Fed (000) 510 510 101		1
		3. MMC 4. MMC	-080-02 -001-09 -	- Singu – Cullei	nator r							1
		http://	/mtsc.usp	s.gov/h	oulletins.cfm							1
		<u></u>										<u> </u>
VIBRATOR HOPPER UNIT 1	58.	Check vi	prator ho	opper c	oil rate.			3	7		510	1
OIL				WARN	NING							
		Be ca equip applie mach to pre and to in mo	utious w ment w d. This ine be ru vent hai est equip ving part	when wo when s task unning. r, cloth pment ts.	orking arour power has requires t . Take prec hing, jewelry from being	nd (hat aut y, t ca	or on been t the tions ools, ught					
		_		NO.	1E _							1
		Check in mai	vibrator ntenance	hoppei mode.	r. BDS mus	st n	ot be					
		1. Start	machine.									1
		2. While exces	e machine ssive oil a	e is runr ıt vibrat	ning, check fo or hopper.	or						
		3. Adjus 40 P\$ - 4 dr	st air pres SI and rat ops per n	sure at e of the ninute a	eregulator va e oil drop forn es necessary	lve nati ′.	to 30 - ion to 3					
		4. Stop hopp	the Facer er checks	r Cance have b	eler after the been complet	vibı ted.	rator					
SHINGLER UNIT 8:	59.	Check SI	hingler p	roximi	ty switches:			1	9		101	1
PRUX SWITCHES			Г	WARM	VING							
		Be ca equip applie	utious w ment w d.	hen wo /hen	orking arour power has	nd d	or on been					
		Actuate tl LED func	hree prox tion of ea	imity sv ch swit	witches and c ch.	obs	erve the					

U.S. Postal	Service			1			IDENTIFICA					T) (DE
Maintenance	e Chec	klist	CODE			MENT NYM		CI C	LASS ODE	NU	MBER	TYPE
			0 3	A F	C S			Α	E	0	0 1	М
Equipment Nomenclatur	re S		Equipme	nt Model			Bulletin Fi	lename 0058A	А	Occurre	nce ECBM	
											-	
Part or Component	Item No	(Task Comply wi [;]	Statement th all curre	and Instruc nt safetv pr	ction ecautio	ns)	Est. Time	Min. Skill		Threshold	S
					51		,	Req (min)	Lev	Run Hours	Pieces Fed (000)	Freq.
	60.	Check S	ingulato	r LED m	odules:			2	9		3	
UNIT 9. LEDS]	WARN	ING							
		Be ca equip applie	utious w ment w ed.	vhen wo when բ	rking aro oower	or on been						
				NOT	E							
		Comp pickof debris indica	ensator f drive p to e itions.	arms col oulley ma nter BI	ming in c ay cause DS cau	et with ninum false						
		1. Chec 17 m	k alignm odules.	ent of the	e P-SEN	id P-LED						
		2. Ensu corre block	re all LEI ctly with age.	Ds on P- proper a	SEN 17 a lignment	activa and r	te 10					
SINGULATOR UNIT 9: SERVO	61.	Check S and pick	ingulato -off cycl	r servon le.	notor sp	eed, d	creep,	21	9		2200	
SPEED CREEP CYCLE]	WARN	ING							
		Be ca equip applie mach to pre and t in mo	iutious word internet word internet word internet word internet word internet word internet word word word word word word word word	when wo when p is task running. iir, cloth ipment f rts.	rking ard power requires Take p ing, jew from bei	ound has s tha recau elry, ng ca	or on been t the itions tools, aught					
		1. Chec STAF Contr	k Singul RT CUL rol Panel	lator serv LER pu :	d. Press Operator							
				NOTE								
		Speed be 10 belts t	eed of Singulator pick-off belts should 10 percent faster than the take-away s they feed.									
	a. Measure the speed of the Singula take-away belts using a dig tachometer set in the inches per sec					Singulator digital r second						

MMO-	-006-	11
------	-------	----

U.S. Postal S					IDENTIFICA	FICATION								
Maintenance	Maintenance Checklist					WORK EQUIPMENT CODE ACRONYM						TYPE		
			0 3	A F	C	S		A	E	0	0 1	М		
Equipment Nomenclature) }		Equipmo	ent Model			Bulletin Fi	ilename	Δ	Occurre				
									· \					
Part or	Item		Task	Statement	t and Ins	truction		Est.	Min.		Threshold	ls		
Component	0/1		Comply w	nui all curre	ant safety	, hiecantic	(610	Req	Lev	Run	Pieces	Freq.		
								(min)		Hours	Fed (000)			
•	<u></u>	<u> </u>	(IPS) mo	de.				_ <u>_</u>				·		
		b.	Record p	cosition o	of rotar	ry test s	witch S4							
			test swite	ch S4 to elts shou	positic Ild rota									
		C.	Raise P-	SEN 17 a	assemb	oly.								
		d.	Measure	the sp	eed o	f the S	Singulator							
			pick-off	belts b	y plac	cing th	e digital							
			pulleys.)T mea	asure th	ne speed							
			directly c	on the pu	lleys.	The pick	-off belts							
			should k	be 10 p or take o	ercent	taster	than the							
			146 in/s	ec [mea	asured	take-a	way belt							
			speed] >	< 1.10 [[′]	10 per	cent inc	rease] =							
			160.6 speed1)	in/sec [aesirea	u pick-	on belt							
		e.	If the sp COMMA servomo	beed is ND GAIN tor contr	not co V potei roller u	orrect, a ntiomete until the	djust the r on the correct							
			speed is (if any w card.	obtaineo as neede	d. Afte d), Iow	er the ac ver the F	ajustment P-SEN 17							
		2. Ch	eck Singu	lator serv	/omoto	r creep.								
			-	NOT	ГE									
		The the cloc	e CURRE servomot kwise for	NT LIMI or contro the follow	T pote oller sh ving che	entiomet hould be eck.	er on e fully							
		a.	Rotate S pick-off b	4 to pos elts shou	ition F. Ild not	. The S rotate or	Singulator creep.							
		b.	If Singula adjust VI potentior until belts	If Singulator pick-off belts rotate or creep, adjust VELOCITY OFFSET potentiometer on servomotor controller until belts come to a complete stop.										
		C.	Stop Culler.											
		3. Ch	eck Singu	lator serv	/omoto	r pick-of	f cycle.							
				NOT	ΓE									
		The	The following check requires a Pacific											
		Sci	<u>entific Con</u>	<u>npensatic</u>	on Calib	<u>bratio</u> n F	ixture				1	1		

U.S. Postal	Service			1		DENTIFICA	ATION							
Maintenance	Checl	klist	WORK CODE		EQUIP ACRC	MENT NYM		CL	_ASS ODE	NU	MBER	TYPE		
			0 3	A F	C S			Α	E	0	0 1	М		
Equipment Nomenclatur	e		Equipmer	nt Model			Bulletin Fil	ename	^	Occurrence				
AFC	5						IVIIVIT	0058A	A	ECDIVI				
Part or	Item		Task	Statement	and Instruc	tion		Est.	Min.		Threshold	S		
Component	No		(Comply wit	h all curre	nt safety pr	ecautior	าร)	Time Rea	Skill Lev	Run	Pieces	Freq		
								(min)		Hours	Fed	1109.		
											(000)			
		(CCF).											
		a. F	Rotate tes printed cir	st switch cuit boa	S4 on th rd to posi	e P-FS tion A	SC89							
		b. T k	Furn the S preaker of	SINGUL/ n the po	ATOR SE wer distri	RVO	circuit panel							
		c. l	nsert the J3/P3 and controller.	CCF be I J4/P4 c	tween co on the ser	nnecto vomot	ors tor							
		d. E	Ensure the s in the D	at the sli ISABLE	de switch D (center	on th) posit	e CCF tion.							
		e. T	Furn the S preaker O	SINGUL/ N.										
		f. F c "	Press the START CULLER pushbutton on the operator control panel. The red "TURN CW" LED on the CCF should illuminate.											
		g. S C L C C C C C C C C C	Set the s DTHER (LED show /ELOCIT on the direction i he green	lide swit up) pos uld illun Y LOOI servomo ndicateo "OK" LE	tch on th ition. Th ninate. P GAIN otor con d by the ED is illum	e CC le gre lf not poten troller red LE inateo	F to the en "OK" t, adjust ntiometer in the EDs until d.							
		h. S	Stop Culle	er.										
		i. T	Furn the S preaker O	SINGUL/ FF.	ATOR SE	RVO	circuit							
		j.F	Remove t	he CCF s J3/P3	and reco and J4/P	nnect 4.								
		k. T	Furn the S preaker O	SINGUL/ N.	ATOR SE	RVO	circuit							
		I. F F	Return rot	ary test	switch S₄ above.	l to its	original							
BUFFER FEEDER	62.	Check B	Suffer Fee	eder LEI	D module	es.		1	9		3			
UNIT 10: LEDS			[WARN	ING									
		Be ca equip	autious w oment w	/hen wo when p	orking are	ound on as	or on been							

Maintenance	klist	WORK CODE		EQUIPMENT ACRONYM						NU	TYPE		
Equipment Nomenclature	e		03 Equipme	A F nt Model	С	S	E	Bulletin Fil	A ename	E	0 Occurre	0 1	М
AFC	S							MM1	0058A	A		ECBM	
Part or Component	Item No	(1	Task Comply wi	Statement th all curre	and In nt safe	structioi y preca	า utions)	Est. Time Req (min)	Min. Skill Lev	Run Hours	Threshold Pieces Fed	s Freq.
		applie	ed.									(000)	
		1. Chec 10 m	applied. Check alignment of the P-SEN 10 and P-LED 10 modules.										
		2. Ensu corre block	Ensure all LEDs on the P-SEN 10 activate correctly with proper alignment and no blockage.										
		3. Actua obser	Actuate the two proximity switches and observe the LED function for each switch.										
		4. Chec LEDs	k the P-0 are off.	OTC-89	and e	nsure	the to	op 8					
BUFFER FEEDER UNIT 10: SERVO SPEED CREEP	63.	Check Bi creep, ar	eck Buffer Feeder servomotor speed, eep, and pick-off cycle.							9		2200	
		Be ca equip applie mach to pre and to in mo	utious v ment v ed. Th ine be r event ha est equ ving pa	vhen wo when is task unning. iir, cloth ipment rts.	orking powe requ Tak ning, j from	aroun r has ires t e prec ewelr being	nd or s b hat cauti- y, to cau	r on een the ons ols, ight					
		1. Chec Press Contr	k Buffe S Start rol Panel	r Feed Facer I.	er se Cance	ervomo eller a	otor at O	speed. perator					
				NOT	E								
		The s belts s take-a	speed of should b way beli	f the Bu e 10 pe ts they fe	iffer F rcent eed.	eeder faster	picł than	k-off the					
		a. M a ir	leasure way bel the incl	the spe ts using hes per s	ed of a digi secon	the f tal tac d (IPS	eede home) moo	er take- eter set de.					
		b. R S R B	Record th 2 on the Rotate te Buffer Fe	ne positi e P-FSC est swit eder picl	on of 89 pri ch S k-off b	rotary nted c 2 to elts sh	test ircuit posit iould	switch board. tion E. rotate.					
		c. M p ta	/leasure iick-off achomet	the spea belts b er betwa	ed of y pla een th	the Bu Icing Ie idle	iffer the r an	Feeder digital d drive					

IDENTIFICATION NUMBER TYPE CLASS

Maintenance Technical Support Center

MMO-006-11

U.S. Postal Service

U.S. Postal Service			11/05	/			0		IDENTIFICA	TION	100			T (D -
Maintenance	Check	klist	CODE			E	acrc	MENT NYM			LASS ODE	NU	MRFK	TYPE
			0	3 A	A F	С	S			Α	E	0	0 1	М
Equipment Nomenclature	2		Equipr	nent	Model				Bulletin Fi	lename	^	Occurre		
Arus	נ									00304	~			
Part or	Item		Tas	sk Sta	atement	and I	nstruc	tion		Est.	Min.		Threshol	ds
Component	INO		(Comply	with a		nt sai	ety pro	ecautio	ons)	Req	Lev	Run	Pieces	Freq.
										(min)		Hours	Fed (000)	
		d. d. 2. Che The the s clock a. b. 3. Che cycl The Scien (CCF a. R p b. T o c. Ir	pulleys. directly should feeder in/sec [X 1.10 in/sec [If the s COMM/ servome speed i (if any v card. ck Buffe CURRE servome controlle controlle controlle controlle controlle controlle controlle controlle controlle controlle stop Fa eck Buffe stop Fa ck Buffe stop Fa ck Buffe stop Fa chatte te inter the controlle	E on tible take mea [10] desir spee AND otor s ob vas fer Fe ENT spick suffer fer fer st sv fer fer st sv FEE pwer c <u>CC</u>	Do no he pul 10 pe -away sured perc red pic d is n GAIN contro tained eeder s NOT LIMI contro follow to po -off be r Feede Jjust th er o until t op. Cance Feede NOT Cance Feede Check check check check check check check check	t ma leys. belter take ent find oller i. A d), la serva E find on he find con to the find con to con ti t co con ti t co t con t co ti co co con t co co co co c	easu transformed easu transformed easu increation belt correctention fter t omotor the construction the const	re the pick ster Exan ay be ase] spee act, a be the F or cree omet il the cor cree omet il the f be CITY se cor motor a F tion F Son A. ircuit nel C	e speed (-off belts than the nple: 146 elt speed] = 160.6 d].) djust the er on the e correct djustment P-SEN 10 ep. er on e fully ne Buffer rotate or elts rotate OFFSET ervomotor ne to a · pick-off Pacific 					

MMO-	006-11
------	--------

U.S. Postal												
Maintenance	Checl	klist	WORK CODE		E	QUIPMENT ACRONYM		CL C	ASS ODE	NUI	MBER	TYPE
			0 3	AF	С	S		Α	E	0	0 1	М
Equipment Nomenclatur	e C		Equipme	nt Model			Bulletin Fil	ename	^	Occurre		
AFC	3							0030A	٦		ECDIM	
Part or	Item		Task	Statement	and I	nstruction		Est.	Min.	-	Threshold	S
Component	No	(Comply wit	th all curre	nt safe	ety precautio	ns)	Time	Skill	Pup	Piocos	Frog
								(min)	LOV	Hours	Fed	rieq.
											(000)	
		an	d J4/P4 (on the se	ervor	notor cont	roller.					
		d. En in t	sure that the DISA	t the slide BLED (c	e sw ente	itch on the r) position	e CCF is					
		e. Tu	rn FEED	ER SER	VO o	circuit brea	aker ON.					
		f. Pro	ess the S	START F	ACE	R/CAN pu	ısh-					
		bu rec illu	tton on th d TURN (iminate.	ne Opera CW LED	ator (on t	Control Pa he CCF sl	nel. The nould					
		g. Se po If ı po in un	et slide s sition. G not, adju tentiome the direc til the gre	witch or reen OK st the V ter on th ction indi een OK L	LEI ELO e se cate	CF to OTH D should il CITY LOO rvomotor d by the r is illumina	HER (up) luminate. DP GAIN controller red LEDs ted.					
		h. Sto	op the Fa	acer Can	cele	r.						
		i. Tu OF	rn FEED FF.	ER SER	VO d	circuit brea	aker					
		j. Re co	emove the	e CCF a J3/P3 a	nd re nd J4	econnect 4/P4.						
		k. Tu	rn FEED	ER SER	VO	circuit brea	aker ON.					
		l. Re po	eturn rota sition.	ry test sv	witch	n S2 to its	original					
BUFFER FEEDER UNIT 10: DLV PS ADJUSTMENTS	64.	Make neo supply.	cessary	adjustm WARN	ients ING	s to DLV p	ower	5	9		13300	
		Be ca equip applie	utious w ment v ed.	vhen wo when p	rkin oowe	g around er has	or on been					
		This pow out DLV o	/er supp chassis.	ly is loc Use a D	ated MM	behind tl in followin	ne swing g steps:					
		1. Meas probe positi and a	sure the e to GNI ive probe adjust to	ecting the lack wire) d E point).1 as nece								
		2. Meas nega and t wire).	and adjust to ± 5.0 volts ± 0.1 as necessary. Measure the $\pm 12V$ by connecting the negative probe to GND E point (black wire) and the positive probe to point J14-9 (violet wire). Check and adjust to ± 12.0 volts ± 0.1									

U.S. Postal	WORK					IDENTIFIC,	CATION							
Maintenance	Maintenance Checklist			<u> </u>	۲ ۲	ACRC			C C	ODE			ITPE	
Enderse (M)			0 3		C	S			A	<u> </u>		0 1	М	
⊨quipment Nomenclatur AFC	e S		⊢quipme	nt Model				Bulletin F MM1	ilename 10058A	A	ECBM			
Part or	Item		Task	Statement	and Ir	nstruc	tion		Est.	Min.	1	Threshold	ds	
Component	No	('	comply wi	un all curre⊧	nt safe	ety pro	ecautic	ons)	Гіте Req (min)	Skill Lev	Run Hours	Pieces Fed (000)	Freq.	
		as ne	cessary.	_										
		3. Meas probe positi Checl neces	to GNI to GNI ve probe k and a sary.	-12V by (D E poir e to poir adjust to	conn nt (bl nt J1 12.	ectin lack 4-10 .0 v	g the wire) (gre olts	e negative) and the en wire). ± 0.1 as						
		4. Meas probe positi Checi neces	sure the to GND ve probe k and ad ssary.	+24V by E point to point ljust to +:	conn (blac J14- 24.0	iectii k wi ·3 (o volts	ng ne re) ar range ; ± 0.′	gative ℩d the ୬ wire). 1 as						
UNIT 13: SCANNER LAMP PS VOLTAGES	σ5.	Be ca equipi applie	utious w ment v	WARN WARN when wo when p	iage: IING rkinç oowe	s.] g arc yr l	วund าลร	or on been	5	9		13300		
		Scann bright lamps	ter lamp Protect or lamp	WARN os are ex ot eyes a o assem	trem and c	nely to nely	hot a ot toເ	nd Jch						
		ļ		NOT	ъ									
		Each individ	scanner ual scan	(lead ar iner lamp	nd tra o pow	ail) ł ver s	nas its upply	s own ′.						
		Make ne power sup	cessary oplies. L	adjustm Jse a DM	nents ∕IM in	to i follo	scanı owing	ner lamp steps:	ı					
		1. Trail asser	scanne nbly).	r lamp	ро	wer	sup	ply (top						
		a. t	Slide the	scanner tended p	r lamı ositic	p po on.	wer s	upply out						
	b.					ate f gain wer s	rom t acce suppl	the Lamp ss to the y.	1					
	C.				mps (T car	on v d ca	vith tł ge.	he LAMP	1					
	Measure he neo	the +15 ative pr	/DC to	by co the	onnecting negative									

MMO-006-1	1
-----------	---

U.S. Postal	Service						IDENTIFICA	CATION					
Maintenance	Chec	klist	WORK CODE		EQU ACI	IPMENT		CL C	ASS ODE	NU	MBER	TYPE	
			0 3	A F	CS			Α	Ε	0	0 1	М	
Equipment Nomenclature	e S		Equipmer	nt Model			Bulletin Fil	ename ∩∩58∆	Δ	Occurre	nce ECBM		
			I										
Part or	Item	/	Task :	Statement	and Insti	uction		Est.	Min.		Threshold	S	
Component	NU	(n saiety	precault	,	Req	Lev	Run	Pieces	Freq.	
								(min)		Hours	Fed (000)		
ENRICHER/ISS UNIT 13: VERIFIER AMPLITUDE	66.	e	output o positive and adjus VDC. Turn lam the AAT o Reinstall Slide the to the noi scanne mbly). Slide the to the ext Turn scan ON switc Measure negative the powe to the powe to the powe to the powe to the powe to the noi Slide the to the noi oth LAT-	of the probe to probe to st as nec probe to st as nec probe to card cag the top of scanner rmal posi er lamp scanner tended po- nner lam th on AA ^T +15.25 V probe to probe t	ower so the p cessary y using e. cover re- r lamp p osition. power lamp p osition. ps on v T card over VDC by the ne- and th Check. 25 ± 0 using f e. lamp p ition.	supply positive to +15 g the s emoved power supp oower s vith the cage. y conne e posit and a 1 VDC the swi power s	and the Check 5.25 ± 0.1 switch on learlier. supply in ly (lower upply out LAMP ecting the output of ive probe adjust as tch on supply in	10	10		2200		
		Be ca equip applie	utious w ment v ed.	vhen wor when p	rking a oower	round has	or on been						
		Check IE circuit ca sprayed I -100 mv aperture, 20% of a	D Tag V rd for ma bar (dry) minimu the sign mplitude	erifier LA aximum a in front um). V nal amplit with bar	AT 772 amplitud of ape Vithout tude sh presen	2, PVV de with rture (s a ba nould b t.							
ENRICHER/ISS UNIT 13: INDICIA	67.	Check be roller po	elt tracki sition.	ing and i	indicia	detect	or foam	3	9		101		
ROLLERS			[WARN	ING								

U.S. Postal S						CATION									
Maintenance (Checl	klist	WORK EQUIPMENT						CI C	_ASS ODE	NU	MBER	TYPE		
			0 3	AF	С	S			A	E	0	0 1	М		
Equipment Nomenclature			Equipment Model Bulletin Fi							^	Occurrence				
AFCS)									А	ECBM				
Part or	Item		Task	Statemer	nt and I	nstructi	on		Est.	Min.		Threshold	s		
Component	No	(0	Comply wi	th all curre	ent safe	ety prec	autior	ıs)	Time Rea	Skill Lev	Run	Pieces	Fred		
									(min)		Hours	Fed	1104.		
												(000)			
		Be car equip applie machi to pre and te in mov	utious v ment v ed. Th ine be r event ha est equi ving par	vhen we when is task unning ir, clot ipment ts.	orking powe req . Tal hing, from	g arou er ha uires ke pre jewel bein	und o as that ecaut Iry, t g ca	or on been t the tions ools, hught							
			WARNING												
		Do no emitti safety	WARNING Do not look directly into the ultra violet emitting light source. Wear appropriate safety glasses to filter ultra violet rays.												
		1. Press	START	button.											
		2. Check detec not le and f cause	k from d tor face eak past coam roll e multi in	own-str plate to the UV ler into dicia er	eam s see / winc the s rors).	side o that L dow so stamp	f eac JV lig epara wind	h indicia ght does ator web dow (will							
		3. Press	the ST	OP butte	on.										
ENRICHER/ISS	68.	Check ca	libratio	n of ind	licia d	detect	ors:		15	10		510			
UNIT 13: INDICIA CALIBRATION			[WAR	NING										
		Be can equip applie machi to pre and te in mov	utious v ment v ed. Th ine be r event ha est equi ving par	vhen we when is task unning ir, clot ipment ts.	orking powe req . Tal hing, from	g arou er ha uires ke pre jewel bein	und d as that ecaut Iry, t g ca	or on been t the tions ools, hught							
			[WAR	NING										
		Do no emitti safety	ot look c ng light glasse	lirectly source s to filte	into e. We er ult	the ul ear ap ra vio	ltra v prop let ra	violet oriate ays.							
		NOTE													
		Ultravi least calibra proper Indicia	iolet lam 15 min ation. F positio head w	ps mus iutes b oam ro on (ad indows	st be t before bllers ljust must	turned cheo must if no be cle	l on t cking be ii ecess ean.	for at ⊢ the n the sary).							

U.S. Postal	Service												
Maintenance	Check	dist	WORK CODE	ENT /M		CI C	LASS ODE	NU	TYPE				
			0 3	A F	C	S			A	E	0	0 1	М
Equipment Nomenclature	∍ S		Equipme	nt Model				Bulletin Fil	ename 0058∆	Δ	Occurre	nce FCRM	
Part or Component	Item No	()	Task Comply wit	Statement	t and I	nstructio	n Iution	ns)	Est. Time	Min. Skill		Threshold	ls
Component	110		comply m		in our	biy proce	lation	,	Req	Lev	Run	Pieces	Freq.
									(((((((((((((((((((((((((((((((((((((((Hours	rea (000)	
			NOTE										
		All fou Motor	ur (4) de	etector c	ircuit	s (Red	l, Gi	reen,					
		adjust	ed as ne	cessary	51 DE		ĸeu	anu					
		1. Ensu	sure that the machine is not running.										
		2. Set	Set the TEST SELECT switch on the										
		Oper: mode	Derator Control Panel to the calibration node (code 30).										
	:	3. Ensu BAT4	re that th card are	ne thresl e set as	hold follov	switche vs:	es o	n the P-					
		a. I	Phosphor Red – 15										
		b. I	Phosphor Green – 15										
		c. I	Red Fluorescent (Meter Mark) - 6										
		4. Set the version of the second seco	t the PMU values on the P-BAT4 card to values noted on the calibration cards for ch indicia type.										
	:	5. Press on the	ess the START FACER/CAN Pushbutton the Operator Control Panel.										
				NOT	ΓE								
		When sure t to prev	feeding he slide vent exco	the cali at the b essive w	bratio ouffer vear c	on card feeder on the c	ds, r r is card	make open s.					
		6. Feed Phos card with t	a cali phor Gro per calik he three	bration een, Me pration c coding l	(Pho: /lark, o :, into t ; up.	spho r Fl he i	or Red, M), one machine						
		7. The o will sl	display on the appropriate P-BAT3 card show the following:										
		a. I	Red STAMP – RcaX										
		b. (Green STAMP – GcaX										
		c. I	METER – McaX										
		d. I	I. FIM – FcaX										
			NOTE										
		LEDs to indi	NOTE LEDs by each potentiometer will be lighted to indicate the one to be adjusted.										

U.S. Postal S	Service	IDEN"							IDENTIFICATION						
Maintenance	Chec	klist	WORK	K EQUIPMENT F ACRONYM					CL		NUMBER		TYPE		
maintonarioo	Unico		0 3	AF		S			A	E	0	0 1	М		
Equipment Nomenclature	;		Equipment Model Bulletin F								Occurre				
AFCS	3							MM1	0058A	A	ECBM				
	i.	1	•					•							
Part or Component	Item	((Task	Statement	t and li	nstruc	tion	ne)	Est.	Min. Skill	-	Threshold	s		
Component			oompiy wi		ant san	sty pro	Joautio	13)	Req	Lev	Run	Pieces	Freq.		
											Hours	Fed			
			1									(000)			
		 When and 8 indica (Turn clocky indica (Turn count Repe obtair each Stop check Stop check 	e X = the A disp ates the s corresp wise.) A ates the s the corr er-clock at steps indicia ty the Face s have the ne TEST ol Panel	e calibra lay of ar signal m onding p display signal sh espondi wise.) T 6, 7, and sired set ype. er Cance been cor SELEC to the N	tion r "UP ust b ooten of a nould ng po The do d 8 as ting c eler af mplet T swi lorma	numb PARI e am tiomo "DO\ be a otent esire s req on all fter ti red.	er be ROW" oplified eter WN AI mplifie omete d setti uired cards ne cal on Ope ode (co	tween 1 I more. RROW" ed less. er ing is 5. to 5 for ibration erator ode 00).							
ENRICHER/ISS UNIT 13: AAT POWER DIST VOLTAGES	69.	Check an Be can equip applie Make ne supply. U 1. Meas to GN bus b adjus 2. Meas negat positir and a 3. Meas probe to pir	ad adjus utious v ment w ed. ecessary Jse a DM ure +5V ND E po ar on ba t to +5.0 ure the cive probe djust to ure the - e to GNE a 3 (gree volts + 0	when wo when wo when wo when adjust a	menta power menta lowin necti posi e (rec 0.1 as / by SND 2 (vi polts ± conn t and	g arc g arc er I s to g ste s neo s neo c E p iolet 0.1 a ectin the neck	pply v pund on as AAT eps : egativ probe e). Ch cessar onnect point wire). as nec g the positiv and a	oltages. or on been F power ve probe to +5V neck and ry. ing the and the Check cessary. negative ve probe adjust to	6	9		13300			

MMO-	-006-11
------	---------

U.S. Postal	Service					IDENTIFIC A	TION				
Maintenance	Chec	klist	WORK				CL		NU	MBER	TYPE
mannenance	91166		0 3	AF			A	E	0	0 1	М
Equipment Nomenclature			Equipmer	nt Model		Bulletin Fil	ename		Occurre		
AFCS	5					MM1	UU58A	A		есвМ	
Part or	Item		Task	Statement a	and Instruction	````	Est.	Min.		Threshold	S
Component	No	(Comply wit	h all curren	t safety precaution	ons)	Time Req	Skill Lev	Run	Pieces	Freq.
							(min)		Hours	Fed	'
ENRICHER/ISS UNIT 13: AM1 AM2 ATT PS ADJUST	70.	 4. Meas nega posit and a Check an equip applie 1. Make supp 	sure the tive probe adjust to - nd adjus nd adjus nutious w oment v ed. e necessa ly. Use a	t +24V be to G to pin 4 +24.0 vol t AM1 & WARNI when wor when p ary adjust	by connect ND E point (orange wire ts ± 0.1 as ne AM2 voltage ING rking around ower has tments to AM ² following ste	cting the and the e). Check ecessary. es. or on been 1 power ps:	18	9	Hours	Fed (000)	
			NOTE								
		AM2 of the The A inside	power su e Power M1 powe top of the	pply is n Distribut er supply e Power	nounted on th ion Assembly is mounted Distribution P	he top y box. on the 'anel.					
		а.	Open Po access to	ower Dis AM1 po	stribution Pa wer supply.	nel, gain					
		b.	Support strain on	panel as wiring.	necessary t	to reduce					
		C.	Measure negative wire) and E point). ± 0.1 as r	the +5 probe to the pos Check a necessar	V by conne o GND E po itive probe to and adjust to · y.	cting the int (black any Red +5.0 volts					
		d.	Measure negative wire) and 7 (violet +12.0 vol	the +12 probe to the positi wire). ts ± 0.1 a	2V by conne o GND E po tive probe to p Check and as necessary.	ecting the int (black point J19- adjust to					
		e.	Measure negative wire) and 8 (green -12.0 vol	the -12 probe to the positi wire). ts ± 0.1 a	V by conne GND E po tive probe to p Check and as necessary.	cting the int (black point J19- adjust to					
		f.	Power do by placin on the El	wn the A g CB-3 N AC Po	M1 power su (AM1 Circuit) wer Panel in	pply (PS) Breaker) the OFF					

U.S. Postal	Service									NTIFICA	TION			T) (5 -			
Maintenance	Check	dist	COD	K E		E	acro	MENT NYM				LASS ODE	NU	MRFK	TYPE		
			0	3 /	۹ F	C	S	Ī			A	E	0	0 1	М		
Equipment Nomenclature	e		Equipr	ment l	Model				Bu	Illetin Fil	ename	<u> </u>	Occurre	nce			
AFC	S									MM1	U058A	A	ECBM				
Part or	ltem		Ta	sk St	atement	and I	nstruc	tion			Fst	Min		Threshold	ls		
Component	No	(0	Comply	with a	all curre	nt safe	ety pre	cautio	ns)		Time	Skill					
											Req (min)	Lev	Run Hours	Pieces Fed	Freq.		
						1					,,			(000)			
		q	ositio	n.													
		a F	Remov	/e th	ie ium	IDer	betw	een	АМ	1 PS							
		g. te	Remove the jumper between AM1 PS terminals OP-2 and OP-3 and retighten														
		S	crews holding the orange wires to														
		te	erminals.														
		h. A	Apply power to the AM1 power supply (PS) by placing CB3 (AM1 circuit							upply							
		(I h	(PS) by placing CB-3 (AM1 circuit breaker) on the EN AC Power Panel in														
		tł	breaker) on the EN AC Power Panel the ON position.														
				•													
					NOI	ΓE											
		DC vo	oltages measured at test points .							-5							
		and J1	d J19-6 MUST be within \pm 0.05 VDC of														
		correct	ch other for power supplies to operate														
		comple	rectly when this procedure is npleted.														
		j. N	Measure the first +24V by connecting														
		tł	he negative probe to GND E point and														
		tł	ne positive probe to point J19-6 (orange														
		N O	vire). I 1 ae	Une	CK and	adji Usin	ust to a ∩₽) +24)2 +2,	.0 V 4\/ ∈	olts ±							
		: •	/as	re	the	uonių	9 UF	· ۲۰ ۲۰		лчј. Б. /							
		j. N C	onnec	re ctina	the ne	sec egativ	ve pr	∠+ obe t	24 V 0 G	ND E							
		p	oint a	nd th	ie pos	itive	prob	e to p	oint	t J19-							
		5	orai	nge	wire).	Ch	eck	and	adju	ust to							
		+ (·∠4.0)P3 +:	volts 24V	s ± U. adi.	. i as	s ne	Uessa	ar y	using							
				dow	n the	Δ 1 / 1	now	or eu	nnlu								
		к. г b	y plac	cing (CB-3 (AM1	circ	uit bre	eake	er) on							
		tł	he EN	NĂ(C Pov	ver l	Pane	l in	the	ÓFF							
		р	ositio	n.													
		I. F	Replac	e th	ie jum	iper	betw	een.	AM	1 PS							
		te ti	ermina	ais (sc	JP-2 8 rews	and (hole	JP-3 Jina	and	sec ner	and							
		0	ghten screws holding jumper and range wires to terminals.						and								
		m.F	Return	the	Powe	ər Di	stribı	ution	Par	nel to							
		tł	he no	close	e po	sitio	nano	d se	ecure.								
		E	Ensure panel does n				s not pinch or nick any										
		p -	ower	asse	indiy (nbly wiring when closed.											
		n. A	Apply PS) P	pow	er to the AM1 power supply placing CB-3 (AM1 circuit					upply							
		br	<u>reake</u> r	r) on	<u>the</u>	<u>= 0</u>	<u>.С Р</u>	ower	Par	nel in							

MMO-006-11

Maintenance Checklist WORK CODE CODE ACRONYM EQUIPMENT CODE ACRONYM CLASS CODE NUMBER Equipment Nomenclature AFCS Equipment Model A E 0 0 1 Part or Component Item No Task Statement and Instruction (Comply with all current safety precautions) Est. Thresholds Min. Thresholds Part or Component Item No Task Statement and Instruction (Comply with all current safety precautions) Est. Thresholds Min. Thresholds Image: Component No The ON position. 2. Make necessary adjustments to AM2 power supply. Use a DMM in following steps: a. Silde out the Power Distribution Assembly to gain access to the AM2 power supply. No Rum Pieces Fed D Remove cover, fan guard as necessary to gain access to the AM2 power supply. No Rum Pieces Fed Image: Piece Site Piece
Image: constraint of the constraint the constifue probe to GND E constraint of the consti
Equipment Nomenclature AFCS Equipment Model Buildent Filaname MM110058AA Cocurrence ECBM Part or Component Item No Task Statement and Instruction (Comply with all current safety precautions) Est. Net Min. Net Thresholds Wint 0058AA Comply with all current safety precautions) Item Net Item Net Thresholds Wint 0058AA Comply with all current safety precautions) Item Net Item Net Thresholds Wint 0058AA Comply with all current safety precautions) Item Net Item Net Thresholds Wint 0058AA Comply with all current safety precautions) Item Net Item Net Thresholds Wint 0058AA Comply with all current safety precautions) Item Net Item Net Thresholds Wint 0058A Comply with all current safety precautions) Item Net Item Net Thresholds Still current safety processory Use A DMM in following steps: Item Net Item Net Item Net a. Slide out the Power Distribution Assembly to gain access to the AM2 power supply terminals and adjustments. Item Net Item Net Item Net back plane (red wire). Check and adjust to +12.0 volts ± 0.1 as Item Net Item Net
Part or Component Item No Task Statement and Instruction (Comply with all current safety precautions) Est. Reg (min) Item Skill Lev Thresholds 2 the ON position. 2. Make necessary adjustments to AM2 power supply. Use a DMM in following steps: a. Slide out the Power Distribution Assembly to gain access to the AM2 power supply. b. Remove cover, fan guard as necessary to gain access to the AM2 power supply. b. Remove cover, fan guard as necessary to gain access to the AM2 power supply terminals and adjustments. c. Measure the +5V by connecting the negative probe to GND E point and the positive probe to GND E point and the positive probe to pin 2.0 volts ± 0.1 as necessary. d. Measure the first +12V by connecting the negative probe to pin 2.0 volts ± 0.1 as necessary using first +12V adj. e. Measure the second +12V by connecting the negative probe to GND E point and the positive probe to pin 5 (violet wire). Check and adjust to +12.0 volts ± 0.1 as necessary using first +12V adj. e. Measure the second +12V by connecting the negative probe to GND E point and the positive probe to GND E point and the positive probe to GND E point and the positive probe to GND E point and the positive probe to GND E point and the positive probe to GND E point and the positive probe to GND E point and the positive probe to GND E point and the positive probe to GND E point and the positive probe to GND E point and the positive probe to GND E point and the positive probe to GND E point and the positive probe to pin 4 (orange wire). Check and adjust to +24.0 volts ± 0.1 as
Part or Component Item No Task Statement and instruction (Comply with all current safety precautions) Est. Time Reg (min) Min. Lev Thresholds the ON position. 1 the ON position. 1 Run precasary (000) Pieces (000) 2. Make necessary adjustments to AM2 power supply. Use a DMM in following steps: a. Slide out the Power Distribution Assembly to gain access to the AM2 power supply. b. Remove cover, fan guard as necessary to gain access to the AM2 power supply b. b. Remove cover, fan guard as necessary to gain access to the AM2 power supply terminals and adjustments. c. Measure the +5V by connecting the negative probe to GND E point and the positive probe to the +5V bus bar on back plane (red wire). Check and adjust to +5.0 volts ± 0.1 as necessary. d. Measure the first +12V by connecting the negative probe to GND E point and the positive probe to GND E point and the positive probe to GND E point and the positive probe to pin 5 (violet wire). Check and adjust to +12.0 volts ± 0.1 as necessary using first +12V by connecting the negative probe to GND E point and the positive probe to pin 5 (violet wire). Check and adjust to +12.0 volts ± 0.1 as necessary using second +12v adj. f. Measure the +24V by connecting the negative probe to GND E point and the positive probe to GND E point and the positive probe to GND E point and the positive probe to GND E point and the positive probe to GND E point and the positive probe to GND E point and the positive probe to pin 4 (orange wire). Check and adjust to +24.0 volts
Component No (Comply with all current safety precautions) Time Rem Lew Rem Processor Run Processor the ON position. 2. Make necessary adjustments to AM2 power supply. Use a DMM in following steps: a. Slide out the Power Distribution Assembly to gain access to the AM2 power supply. b. Remove cover, fan guard as necessary to gain access to the AM2 power supply terminals and adjustments. c. Measure the +5V by connecting the negative probe to GND E point and the positive probe to the +5V bus bar on back plane (red wire). Check and adjust to +5.0 volts ± 0.1 as necessary. d. Measure the first +12V by connecting the negative probe to GND E point and the positive probe to pin 2 (violet wire). Check and adjust to +12.0 volts ± 0.1 as necessary using first +12V adj. e. Measure the second +12V by connecting the negative probe to GND E point and the positive probe to pin 5 (violet wire). Check and adjust to +12.0 volts ± 0.1 as necessary using first +12V adj. i. i. i. i. f. Measure the +24V by connecting the negative probe to GND E point and the positive probe to GND E point and the positive probe to GND E point and the positive probe to GND E point and the positive probe to GND E point and the positive probe to GND E point and the positive probe to GND E point and the positive probe to GND E point and the positive probe to GND E point and the positive probe to GND E point and the positive probe to GND E point and the positive probe to GND E point and the positive probe to GND E point and the positive probe to GND E point and the positive probe to GND E point and the positive probe to GND E point and the positive pr
Image: The original set of the term of term of the term of term of term of term of the term of term
the ON position. (000) 2. Make necessary adjustments to AM2 power supply. Use a DMM in following steps: a. Silde out the Power Distribution Assembly to gain access to the AM2 power supply. b. Remove cover, fan guard as necessary to gain access to the AM2 power supply. b. Remove cover, fan guard as necessary to gain access to the AM2 power supply terminals and adjustments. c. Measure the +5V by connecting the negative probe to GND E point and the positive probe to GND E point and the positive probe to GND E point and the positive probe to pin 2 (violet wire). Check and adjust to +5.0 volts ± 0.1 as necessary. d. Measure the first +12V by connecting the negative probe to pin 2 (violet wire). Check and adjust to +12.0 volts ± 0.1 as necessary using first +12V adj. e. Measure the second +12V by connecting the negative probe to pin 5 (violet wire). Check and adjust to +12.0 volts ± 0.1 as necessary using first +12V adj. f. Measure the +24V by connecting the negative probe to GND E point and the positive probe to pin 5 (violet wire). Check and adjust to +12.0 volts ± 0.1 as necessary using first +12V adj. f. Measure the +24V by connecting the negative probe to GND E point and the positive probe to pin 5 (violet wire). Check and adjust to +12.0 volts ± 0.1 as necessary using second +12v adj. f. Measure the +24V by connecting the negative probe to GND E point and the positive probe to GND E point and the positive probe to GND E point and the positive probe to GND E point and the positive probe to GND E point and the positive probe to GND E point and the positive probe to GND E point and the positive probe to GND E point and the positive probe to GND E point and the positive pro
 the ON position. 2. Make necessary adjustments to AM2 power supply. Use a DMM in following steps: a. Slide out the Power Distribution Assembly to gain access to the AM2 power supply. b. Remove cover, fan guard as necessary to gain access to the AM2 power supply terminals and adjustments. c. Measure the +5V by connecting the negative probe to GND E point and the positive probe to the +5V bus bar on back plane (red wire). Check and adjust to +5.0 volts ± 0.1 as necessary. d. Measure the first +12V by connecting the negative probe to GND E point and the positive probe to GND E point and the positive probe to pin 2 (violet wire). Check and adjust to +12.0 volts ± 0.1 as necessary using first +12V adj. e. Measure the second +12V by connecting the negative probe to GND E point and the positive probe to pin 5 (violet wire). Check and adjust to +12.0 volts ± 0.1 as necessary using second +12V adj. f. Measure the +24V by connecting the negative probe to GND E point and the positive probe to GND E point and the positive probe to GND E point and the positive probe to GND E point and the positive probe to pin 5 (violet wire). Check and adjust to +12.0 volts ± 0.1 as necessary using second +12V adj.
 2. Make necessary adjustments to AM2 power supply. Use a DMM in following steps: a. Slide out the Power Distribution Assembly to gain access to the AM2 power supply. b. Remove cover, fan guard as necessary to gain access to the AM2 power supply terminals and adjustments. c. Measure the +5V by connecting the negative probe to GND E point and the positive probe to the +5V bus bar on back plane (red wire). Check and adjust to +5.0 volts ± 0.1 as necessary. d. Measure the first +12V by connecting the negative probe to GND E point and the positive probe to probe to pin 2 (violet wire). Check and adjust to +5.0 volts ± 0.1 as necessary. e. Measure the second +12V by connecting the negative probe to pin 5 (violet wire). Check and adjust to +12.0 volts ± 0.1 as necessary using first +12V adj. f. Measure the +24V by connecting the negative probe to GND E point and the positive probe to GND E point and the positive probe to pin 5 (violet wire). Check and adjust to +12.0 volts ± 0.1 as necessary using second +12V adj.
 a. Slide out the Power Distribution Assembly to gain access to the AM2 power supply. b. Remove cover, fan guard as necessary to gain access to the AM2 power supply terminals and adjustments. c. Measure the +5V by connecting the negative probe to GND E point and the positive probe to the +5V bus bar on back plane (red wire). Check and adjust to +5.0 volts ± 0.1 as necessary. d. Measure the first +12V by connecting the negative probe to GND E point and the positive probe to GND E point and the positive probe to pin 2 (violet wire). Check and adjust to +12.0 volts ± 0.1 as necessary using first +12V adj. e. Measure the second +12V by connecting the negative probe to GND E point and the positive probe to pin 5 (violet wire). Check and adjust to +12.0 volts ± 0.1 as necessary using second +12v adj. f. Measure the +24V by connecting the negative probe to pin 4 (orange wire). Check and adjust to +24.0 volts ± 0.1 as
 Assembly to gain access to the AM2 power supply. b. Remove cover, fan guard as necessary to gain access to the AM2 power supply terminals and adjustments. c. Measure the +5V by connecting the negative probe to GND E point and the positive probe to the +5V bus bar on back plane (red wire). Check and adjust to +5.0 volts ± 0.1 as necessary. d. Measure the first +12V by connecting the negative probe to GND E point and the positive probe to pin 2 (violet wire). Check and adjust to +12.0 volts ± 0.1 as necessary using first +12V by connecting the negative probe to GND E point and the positive probe to pin 5 (violet wire). Check and adjust to +12.0 volts ± 0.1 as necessary using second +12v adj. f. Measure the +24V by connecting the negative probe to GND E point and the positive probe to pin 2 (violet wire). Check and adjust to +24.0 volts ± 0.1 as
 b. Remove cover, fan guard as necessary to gain access to the AM2 power supply terminals and adjustments. c. Measure the +5V by connecting the negative probe to GND E point and the positive probe to the +5V bus bar on back plane (red wire). Check and adjust to +5.0 volts ± 0.1 as necessary. d. Measure the first +12V by connecting the negative probe to GND E point and the positive probe to Din 2 (violet wire). Check and adjust to +12.0 volts ± 0.1 as necessary using first +12V by connecting the negative probe to GND E point and the positive probe to GND E point and the positive probe to GND E point and the positive probe to Din 5 (violet wire). Check and adjust to +12.0 volts ± 0.1 as necessary using second +12v adj. f. Measure the +24V by connecting the negative probe to GND E point and the positive probe to GND E point and the positive probe to GND E point and the positive probe to GND E point and the
 c. Measure the +5V by connecting the negative probe to GND E point and the positive probe to the +5V bus bar on back plane (red wire). Check and adjust to +5.0 volts ± 0.1 as necessary. d. Measure the first +12V by connecting the negative probe to GND E point and the positive probe to pin 2 (violet wire). Check and adjust to +12.0 volts ± 0.1 as necessary using first +12V adj. e. Measure the second +12V by connecting the negative probe to GND E point 5 (violet wire). Check and adjust to +12.0 volts ± 0.1 as necessary using second +12V adj. f. Measure the +24V by connecting the negative probe to GND E point and the positive probe to GND E point and the positive probe to GND E point 4 (orange wire). Check and adjust to +24.0 volts ± 0.1 as
 d. Measure the first +12V by connecting the negative probe to GND E point and the positive probe to pin 2 (violet wire). Check and adjust to +12.0 volts ± 0.1 as necessary using first +12V adj. e. Measure the second +12V by connecting the negative probe to GND E point and the positive probe to pin 5 (violet wire). Check and adjust to +12.0 volts ± 0.1 as necessary using second +12v adj. f. Measure the +24V by connecting the negative probe to GND E point and the positive probe to GND E point and the positive probe to Fit and the positive probe to GND E point and the positive probe to GND E point and the positive probe to GND E point and the positive probe to GND E point and the positive probe to GND E point and the positive probe to Fit and the positive probe to Fit and the positive probe to pin 4 (orange wire). Check and adjust to +24.0 volts ± 0.1 as
 e. Measure the second +12V by connecting the negative probe to GND E point and the positive probe to pin 5 (violet wire). Check and adjust to +12.0 volts ± 0.1 as necessary using second +12v adj. f. Measure the +24V by connecting the negative probe to GND E point and the positive probe to pin 4 (orange wire). Check and adjust to +24.0 volts ± 0.1 as
f. Measure the +24V by connecting the negative probe to GND E point and the positive probe to pin 4 (orange wire). Check and adjust to +24.0 volts ± 0.1 as
necessary.
g. Reinstall cover, fan guard as necessary.
h. Return the Power Distribution Assembly to the normal closed position and secure. Ensure panel does not pinch or nick any power assembly wiring when closed.
ENRICHER/ISS UNIT 13: GSC POWER SUPPLIES VOLTAGES71.Check and adjust GSC power supply.15913300Be cautious when working around or on equipment when power has been applied.Be cautious when working around or on equipment when power has been applied.15913300

MMO-006-11

U.S. Postal	Service											TVDE	
Maintenance	Check	dist	CODE		E		NYM			ODE	NU	MRFK	TYPE
			0 3	A	FC	S			A	E	0	0 1	М
Equipment Nomenclature)		Equipm	ent Mode				Bulletin Fi	ename	<u>,</u>	Occurrence		
AFCS	5							MM1	0058A	A		ECBM	
Part or	Item		Tasl	Stateme	ent and	Instructi	ion		Fst	Min		Threshold	ls
Component	No	(0	Comply w	ith all cu	rent saf	ety pred	caution	ns)	Time	Skill			
									Req (min)	Lev	Run Hours	Pieces Fed	Freq.
									()		riouro	(000)	
		Make nec	essary	adjustn	nents t	o Gra	y Sca	ale					
	1	Camera p	ower s	upply:									
				NC	DTE								
		Each individ	Gray Sual pov	Scale Sver supp	Scanne oly.	er has	s its	own					
		1. Press Contr	ss POWER OFF pushbutton on Operator trol Panel.										
	:	2. At EN circuit	I AC p t breake	ower di er to OF	stribut F pos	ion bo ition.	ox pla	ace AAT					
	:	3. Open	covers	as nec	essary	/.							
				NC	DTE								
		Attach power Monito remov correc proceo	identif supply or Asse ed in t t rec dure.	ying tag y (GSP embly (l he follo onnecti	gs to e PSMA Wing on I	each G Powe) cabl steps ater	Bray S er S e as to ei in	Scale upply it is nsure this					
	4	4. Disco Adapt	nnect A ter cabl	AC cable e (P2) f	e (P1) rom J2	from . 2 of ea	J1 an ach G	d PSMA SPS.					
	:	5. Disco J1 of	nnect I each G	PSMA SPS.	Adapte	er cab	ole (F	P1) from					
		6. Disco GSC moun	nnect F PSMA ted on	PSMA s and P cover h	sense 2 for ousing	cable Trail J of ea	(P3 GSC ch G	for Lead PSMA) SPS.					
		7. Remo GSPS brack	ove m S Asse et while	ounting mbly a suppo	scre and P rting G	ws h SMA SSPS.	oldin to r	ig each nounting					
	1	8. Remo housi cover	ove two ng cove	screws er, remo	s that s oving l	secure PSMA	e eac and	h GSPS housing					
	2	9. Place conne PSMA PSMA each	each (ect PSN Sens Sand F PSMA.	GSPS o IA Adaj se cab 2 for T	n scar oter ca les (F rail GS	nner ba ibles (23 for SC PS	ase p P1) t Lea MA)	olate and o J1 and ad GSC to J2 on					
	10. Conr Adap				nect AC cable (P1) to J1 and PSMA oter cable (P2) to J2 of each GSPS.								
		11. At EN	AC n	ower d	istribu	tion b	ox. n	lace the					

MMO-	006-11
------	--------

U.S. Postal Se	ervice			1	_			IDENT	IFICAT	ION				
Maintenance C	Check	dist	WORK CODE		E	QUIP ACRC	MENT NYM			CL	LASS ODE	NU	MBER	TYPE
			0 3	A F	С	S				Α	E	0	0 1	Μ
Equipment Nomenclature			Equipme	nt Model				Bulle	tin File	name	_	Occurre		
AFCS								N	/11/11/	USSA	4		ECRM	
Part or	Item		Task	Statemen	t and li	nstruc	tion			Est.	Min.		Threshold	ls
Component	No		(Comply wi	th all curre	ent safe	ety pre	ecautio	ns)		Time	Skill	Dum	Disease	E ner
										(min)	Lev	Hours	Fed	Fleq.
													(000)	
		AAT	circuit br	eaker to	ON p	posit	ion.							
		12. Pres Con	s POWE trol Panel	ir on p I.	bushb	outtoi	n on	Opera	ator					
				WARN	IING									
		Dang care dama perse	gerous v when p age to e onnel ma	ous voltages are present. Use hen performing procedures or to equipment and/or injury to nel may result.										
				NO	ΓE									
		When powe slowl decre down Gray minu reapp	n adjustii r supply y. Qu eases will n. If this Scale po tes for olying pov	ng volta v, turn ick vol cause p occurs, ower sup circuit ver.	age o pote tage power remo ply a to	on C ntior inc r sup ove p nd v res	Gray neter rease oply to oower vait so vait so et l	Scale very s or o shut from everal pefore						
		13. Che GSF	ck and a PS as follo	ck and adjust, as necessary, the Lea 'S as follows:										
		а.	Measure negative probe to DMM ar R26) to -	the -1 probe to -OUT d adjus 15.0 vol	5V k o CO (-15 ^v st as ts ± 0	oy c Mar V). nec).5.	onne nd the Che essa	cting e posi ck us ry (us	the tive sing sing					
		b.	Measure negative positive and adju +15.0 vo	the probe a probe to st as ne lts ± 0.5	+15V at CO > +OL ecess	by M a JT (- ary	lea nd m ⊦15V) (usinថ	ving oving . Ch J R21	the the eck) to					
		14. Che GSF	ck and a S as follo	adjust, a ows:	as ne	cess	sary,	the T	rail					
		a.	Measure negative probe to and adju -15.0 vol	the -1 probe to -OUT (- ist as ne ts ± 0.5.	5V b o CO 15). ecess	oy c M ar Che ary	onne nd the ck us (using	cting e posi ing Di g R26	the tive MM) to					
		b.	Next, me negative positive and adju	easure t probe a probe to ist as ne	he +1 at CO o +0 ecess	15V M a UT ary	by lea nd ma (+15) (using	aving oving . Ch J R21	the the eck) to					

U.S. Postal	Service									105				
Maintenance	Chec	klist	WORK CODE		E /				CI C	LASS ODE	NU	MBER	TYPE	
Equipment Nemenalature	0		0 3	A F	С	S		Bullotin Fi	A	E	0	0 1	М	
	Ŝ		счирте					MM1	0058A	A	Occurre	ECBM		
_	-								_					
Part or Component	Item No	((Task Comply wi	Statement th all curre	and lint safe	nstruc etv pre	tion ecautio	ns)	Est. Time	Min. Skill		Threshold	S	
						,		,	Req (min)	Lev	Run Hours	Pieces Fed (000)	Freq.	
		4	+15.0 vo	lts ± 0.5.										
		15. At EN circuit	I AC po t breake	wer disti r to OFF	ributio posi	on be tion.	ox, pl	ace AAT						
		16. Press Contr	s POWER OFF pushbutton on Operator rol Panel.											
		17. Disco PSM/ GSPS	rol Panel. onnect AC cables (P1) from J1 and A Adapter cables (P2) from J2 on each S.											
		18. Disco J1 ar GSC from s	S. onnect PSMA Adapter cables (P1) from ind PSMA sense cables (P3 for Lead PSMA and P2 for Trail GSC PSMA) J2 of each PSMA.											
		19. Reins Cove	stall screws that secure GSPS Housing or and PSMA.											
		20. Ensu GSPS	re power and monitoring cables for Lead S are reconnected to Lead GSPS.											
		21. Ensu GSPS	re powe S are rec	r and mo connecte	onitor d to	ing c Trail	ables GSP\$	s for Trail S.						
		22. Reins respe	tall GSF	PSs and bunting b	PSM. racke	As to et.	each	ı						
		23. Conn PSM/ PSM/ the P	nect PSMA adapter cables P1 to J1 and A sense cables (P3 for Lead GSC A and P2 for Trail GSC PSMA) to J2 on PSMA.											
		24. Conn cable	ect AC o s (P2) to	ables (P d J2 on e	1) to ach (J1 a GSP:	ind P S.	SMA						
		25. At EN circuit	I AC pov t breake	ver distri r to ON p	butio positi	n bo: on.	x, pla	ce AAT						
		26. Press Contr	POWE ol Panel	R ON pu I.	shbu	tton	on Oj	perator						
STACKER UNIT	72.	Check st	acker s	witches	and	blad	es:		5	7		510		
AND BLADES				WARN	ING									
		Be can equip applie machi to pre and to	utious v ment v d. Th ine be r event ha est equ	when wo when j is task unning. ir, cloth ipment	orking powe requ Tal ing, from	g arc er h uires ce pr jewe bei	ound has tha recau elry, f ng ca	or on been t the tions tools, aught						

MMO-006-11	
------------	--

U.S. Postal S	Service							IDENTIFICA	ATION					
Maintenance	Checl	klist	WORK CODE		E	QUIP ACRO	MENT NYM		CI C	ASS ODE	NU	MBER	TYPE	
			0 3	A F	С	S			A	E	0	0 1	Μ	
Equipment Nomenclature			Equipme	nt Model				Bulletin Fi	ilename I ∩∩58Δ	Δ	Occurrence ECBM			
74/00	, 							101101	00007	· · ·		LODIN		
Part or	Item		Task	Statement	t and I	nstruc	tion	20)	Est.	Min.		Threshold	ls	
Component	NO	(int San	ety pre	caulio	115)	Req	Lev	Run	Pieces	Freq.	
									(min)		Hours	Fed (000)		
		 Press on the Ensu Chec red in cover a. I b. I b. I b. I d. <lid.< li=""> d. d. <lid.< li=""> <lid< th=""><th>the STA e Operat re the fee dicator la as follow Pull the b amp doe oroblem supervise Pull the b continues stops. If pulb. If p supervise the STC ol Panel ally examp oken blac ys. Rem</th><th>ART FAC or Contr eder bel en stack amps or ws: blade ba nat the r es not fla is not co or. blade ba Ensure s to flast lamp do oroblem or. DP push ine all s des, defe ove any</th><th>CER/ rol Pa ts are ker sw h the ck to ed la ash, r brrect h and bes no is no abutto even ective</th><th>CAN anel. e run vitche top o the 7 mp fl eplac ed, n the 7 the 7 the 7 the 7 the 7 ot fla t corr on on stac g or 0</th><th>push ning. es usi of the 75% p ashes bul otify 100% ed lan feede sh, re recteo the C kers f sy bea other</th><th>button ng the stacker position. s. If b. If mp er servo splace d, notify Operator for bent arings, or debris.</th><th></th><th></th><th></th><th></th><th></th></lid<></lid.<></lid.<>	the STA e Operat re the fee dicator la as follow Pull the b amp doe oroblem supervise Pull the b continues stops. If pulb. If p supervise the STC ol Panel ally examp oken blac ys. Rem	ART FAC or Contr eder bel en stack amps or ws: blade ba nat the r es not fla is not co or. blade ba Ensure s to flast lamp do oroblem or. DP push ine all s des, defe ove any	CER/ rol Pa ts are ker sw h the ck to ed la ash, r brrect h and bes no is no abutto even ective	CAN anel. e run vitche top o the 7 mp fl eplac ed, n the 7 the 7 the 7 the 7 the 7 ot fla t corr on on stac g or 0	push ning. es usi of the 75% p ashes bul otify 100% ed lan feede sh, re recteo the C kers f sy bea other	button ng the stacker position. s. If b. If mp er servo splace d, notify Operator for bent arings, or debris.						
AFCS OPERATIONS: DOUBLE DETECTOR CHECK	73.	Perform detector. Be ca equip applie mach to pre and te in mo 1. Set th panel 2. Press STAF 3. No er Refer MMO displa	utious w ment w ed. Thi ine be r event ha est equi ving par humbwhe to 18. S Unit 9 (C RT FACE to 18. S Unit 9 (C RT FACE to the la 0-029-05) ay and sy	WARN When wo when wo when wo is task unning. ir, cloth pment ts. eel switc Operatio R/CAN sages sh atest doc) for illus (mbol m	ving ving ving ving ving ving ving ving	f dou g arc er h uires ke pr jewe bei oper contro n. appe ntations all ngs.	ator con (cund inf	or on been t the itions tools, aught control nel n panel. urrently formation	1	9		3		

U.S. Posta		1				ATION								
Maintenance	e Chec	klist	WORK CODE		EQI AC	JIPMEN RONYM	T	CI	_ASS ODE	NU	MBER	TYPE		
			0 3	A F	CS	S		Α	E	0	0 1	М		
Equipment Nomenclatur	re		Equipme	nt Model			Bulletin F	ilename	^	Occurre				
AFC	,0						IVIIVI	100304	A		ECDIVI			
Part or	Item		Task Comply wi	Statement	t and Ins	ruction	iana)	Est.	Min.		Threshold	s		
Component	INU		Comply wi		in Salety	precaut	ions)	Req	Lev	Run	Run Pieces			
								(min)		Hours	Fed (000)			
			mtaa uaa	a gov/bull	otin/bb	oquip/E	ullotin og		1					
		uipme	entlist_res	<u>ult.cfm</u>		<u>equip/L</u>	<u>oulleun_eq</u>							
4500	74			- 4 4	4 .ll.			10		540				
OPERATIONS:	74.	Run dou	ible dete	ctor tes	т аеск.			4	10		510			
DOUBLES TEST		[WARN	IING										
DEOR	utious v	vhen wo	orking	around	l or on									
		equip	ment_v	when	power	has	been							
		applie	ed. Th line be r	is task unning	requi	res th	at the							
		to pro	event ha	ir, cloth	ning, je	welry,	tools,							
		and t	est equ	ipment	from b	eing (caught							
			oving pai	τς.										
		Run the	ck, NS	N 3915-										
		07-000-4	7-000-4327. Refer to the latest documentation currently MMO-029-05) for illustrations and information.											
		informati												
		www.mtso	<u>usps.gov</u>	/bulletin/l	<u>bb_equi</u>	<u>p/Bullet</u>	<u>in_equipm</u>							
	75													
AFCS	75.	Clear Im	age Disk	and Ru	un Stat	istics.		1	9		3			
OPERATIONS:			- ge [WARN	ling									
00011		_					_							
		Be ca	utious v	when wo	orking : nower	arouno has	l or on							
		appli	ed.	When	power	nas	been							
		The follo	wing will	be done	using	the flat	panel							
		GUI (Gra	ipnic Use	r Interfa	ce):									
		1. At the tab.	e top of t	he page	click o	n STP	Operation							
		2. Click	on ISS [Disk Ope	eration.									
		3. If not prom	logged i pted to d	logged in as Maintenance you will be pted to do so.										
	4. Click					on "Clear Image Disk".								
	5. Answ				"YES" in the pop-up window.									
	6. Click wind					ext po	p-up							
		o top of p	top of page and click on the											

U.S. Postal Service												
Maintenance	Chec	klist	WORK CODE		EQUIPMENT ACRONYM	CI C	LASS ODE	NUI	MBER	TYPE		
			0 3	AF	CS		A	E	0	0 1	М	
Equipment Nomenclatur	e S		Equipmer	nt Model		Bulletin F	ilename 10058A	A	ECBM			
				01.1		1			· · · ·			
Part or Component	Item No	(Task S Comply wit	Statement a	and Instruction t safety precaution	ons)	Est. Time	Min. Skill		Inreshold	s	
							Req (min)	Lev	Run Hours	Pieces Fed	Freq.	
										(000)		
		Maint	tenance t	ab.								
		8. Click	on "Clea	r Run Sta	atistics".							
		9. Answ	/er "YES"	' in the po	op-up window	-						
		10. Click windo	the "OK" ow.	button ir	n the next pop							
		11. Go to "Run	the top o Display".	of the pa	ge and click tl	he tab						
AFCS	77.	Perform	following	g to stop	maintenanc	e clock:	1	9		3		
MAINT CLOCK			[WARNI	NG							
		Be ca equip applie	utious w ment v ed.	vhen wor vhen p								
		1. Selec start	ct 00 on ti machine.	he opera	tors control p	anel and						
		2. Push	the STO	P button	for normal sh	utdown.						
PREDICTIVE:	78.	Perform	Predictiv	ve Mainte	enance.		110	9		8000		
ENRICHER FINE				ΝΟΤΙ	E							
CULL (INFRARED)		While make vibrati Initiate area ti	perform a note o on, noise a work o hat requir	ing all of f any are a, and/or order to o res additi	of the PdM ea where exc heat are det cover any ann onal investiga	tasks, essive tected. otated ation.						
		1. Prepa	are mach	ine.								
		a. P	erform p	ower dow	vn procedures	6.						
				CAUTI	ON							
		Ensur in acc proce down	re all ink cordance dures. may cau	jet print e with n Failure use dama	ers are shut ormal shut to properly age to printe	down down shut rs.						
		For illustra	more of ations ref	detailed fer to Vid	information deojet Excel	and PC/PI						

MMO-006-11

U.S. Postal Ser	IDENTIFICATION																
Maintenance Cl	heck	list	WO COI	RK DE		E	QUIPN ACROI	/ENT			CL	ASS ODE	NU	MBER	TYPE		
			0	3	A F	С	S				Α	E	0	0 1	М		
Equipment Nomenclature			Equipment Model Bulletin Fil								name	_	Occurre	nce			
AFCS									M	M10	058A/	4		ECBM			
Part or	ltom		т	'ack S	Statemon	t and l	netruct	ion			Fet	Min	Thresholds				
Component	No		(Comply with all current safety precautions)								Time	Skill		Theonor	13		
											Req	Lev	Run	Pieces	Freq.		
											(11111)		Hours	(000)			
		Alpha the P Manu For illustra Manu http:// 36154	nume C-70 (al. more ation al fou mtsc. 18-01/ 19 Pe an 2) Do co as do Sc (cu M ^T /B Al ht 3) Pc ou by ins pro Copen (all mac Power machin switch	ric r or Vi eric r or Vi arefe und usps AB.p erform intera- iccent ad/or o an mpu outh outh outh outh outh outh outh out	nanual, ideojet NOT letailed r the r on the s.gov/ed m norm s in acc manua PC-37 orderly iter sys ined in netr "Po iters" an are Man ntly SM web sin ntsc.us in equi vol. A of mtsc.us in equi vol. A of mtsc.us in equi vol. A of mtsc.us in equi vol. A of mtsc.us in equi vol. A of mtsc.us in equi vol. A of mtsc.us in equi vol. A of mtsc.us in equi vol. A of mtsc.us in equi vol. A of mtsc.us in equi vol. A of	Serv Exce inf most and al shi ordal l for t shut tem. Item agen O-008 te: os.go pmer the I ps.go and Ic he m al po covidi remo inclu en or Overn	vice I I PC i forma curre SC v nent/F ut down sc w he PC down follown	Vanu 80 Se tion ent F veb TCS/ who of the C-70/ of th down this SWS v the Drder foun- etin/t resul 66 m book t pove s pre- out ckout mels Main ove a noterlo	al for ervice and PC-37 page. Files/ inkjet he mos 80 he ACF he syste GTP/AC latest d on be equ t.cfm. anual. S wer. d lock escribe /restor AC ll ck	t cr cr d cr n	(min)		Hours	Fed (000)			
		equip applie mach to pre	Be cautious when working around or on equipment when power has been applied. This task requires that the machine be running. Take precautions														

MMO-006-11

U.S. Postal	IDENTIFICATION										
Maintenance	Check	dist	WORK CODE		EQUIPMEN ACRONYM	Т	C C	LASS ODE	NUI	MBER	TYPE
			0 3	A F	CS		Α	E	0	0 1	М
Equipment Nomenclatur	re S		Equipme	Equipment Model Bulletin Filename Occu							
AFC	.0						10000A	~			
Part or	Item		Task	Statemen	t and Instruction		Est.	Min.	-	Threshold	s
Component	NO		(Comply with	un all curre	ent satety precaut	ions)	l ime Req	Lev	Run	Pieces	Freq.
							(min)		Hours	Fed (000)	
		and	tost ogui	inmont	from being	caught	I			(300)	I
		in m	oving par	ts.	nom beilig	cauyin					
			51								
		С.	Restore th	ne AFCS	S/OCR equipm	ient to					
			procedure	e providi	ng lockout/res	tore	1				
			procedure	s, inclu	ding air and th	e power					
			teed to the Cabinet, it	e Main F f necess	Power Distribu sary.	tion					
		d.	Press PO control pa	WER Ol inel.	N button on op	perator					
				NOT	ſE						
		For	more	detailed	information	and					
		illustr	illustrations refer to Videojet Excel PC/PI								
		Alpha the P	anumeric PC-70 or \	manual. /ideoiet	, Service Mar Excel PC 80 9	service					
		Manu	ual.			2 51 1100					
				NO	ГЕ						
		For	more	detailed	information	and					
		illustr	ation refe	er the	most current	PC-37					
		http:/	iai tound /mtsc.usp	on the s.gov/ed	auipment/FICS	page. S/Files/					
		3615	18-01AB.	pdf	1						
		e.	Restore II	D tag pri	nter power. P	erform					
			normal po	wer up	of the ID tag p	rinters in					
			for the PC	C-70/80 a	and/or the PC	-37.					
		,			e ()	105					
		t.	Perform n	ormal p	ower up of the rs in accordan	e ACP an ce with	a				
			the latest	docume	entation (curre	ntly SMO	-				
			008-09).	Also ref	er to the follow	ing for					
		,	mustration	is and ir cusps d	ov/bulletin/bb	equin/R	u l				
			letin_equi	pmentlis	st_result.cfm a	nd Vol. A	N I				
			of the MS	-166 Ma	inual.						
			nup.//wwv	<u>v.misc.u</u> NO ⁻	<u>isps.gov/msbc</u> TE						
		Mach	nine muct	have	heen running	for a					
		minin	num of 1	5 minute	es prior to do	ing the					
		ultras	sonic and	infrared	scans.	C					
		2. Ultra	asonic sca	n tasks.							

U.S. Postal S														
Maintenance	Check	list	CODE		E	QUIP	MENT NYM		CL	_ASS ODE	NU	IYPE		
			0 3	A F	С	S			Α	E	0	0 1	М	
Equipment Nomenclature	,		Equipme	ent Model				Bulletin File	ename	^	Occurre			
AFUS)							IVIIVI 1	ΙΟΟΦΑ	A				
Part or	Item		Task	Statemen	t and I	Min.	Thresholds							
Component	No	(Comply wi	ith all curre	ent safe	ety pre	ecautio	ns)	Time Reg	Skill Lev	Run	Pieces	Frea.	
									(min)		Hours	Fed	•	
												(000)		
		a. Ult ultr ass cor and Co Fla cor ma	rasonic rasonic semblies nveyor d noise nveyor, at Over mpresse anifold.	scan c detector s, top section e. This Incline C thick S ed air lea	onve to r and for e s inc Dverti epara iks at	yor s bot exces clude hick s ator. t valv	sectio or al tom, sive s the Separ Cl es, fil	on. Use I bearing of the vibration e Incline rator, and heck for Iters, and						
		rasonic rasonic semblies annel fo	scan detector s, top an r excess	edge to r d bot sive v	r ch nonit ttom, ibrati	or al of th on an	I. Use I bearing e Edging nd noise.							
		c. Ult ultr ass Ex	rasonic rasonic semblies tractor fo	scan detector s, top ar or excess	flats to r nd bo sive v	exti nonit ottorr /ibrat	ractor or al i, of ion a	: Use I bearing the Flats nd noise.						
		d. Ult det top exc	rasonic tector to and cessive	scan SI monitor bottom, vibration	hingle all b of and	er. bearir the noise	Use u ng ass Shir e.	ultrasonic semblies, ngler for						
	e. Ult de top ex co ma					trasonic scan singulator. Use ultrasonic tector to monitor all bearing assemblies, o and bottom, of the Singulator for cessive vibration and noise. Check for mpressed air leaks at valves, filters, and anifold.								
		rasonic tector to and cessive	scan tra monitor bottom, vibration	anspo all b of and	ort. earir the noise	Use u ng ass Trans e.	ultrasonic semblies, sport for							
	g. Ul ult as Fe					er fe monit ottom oratio	eeder or al , of tl n and	. Use I bearing he Buffer I noise.	Use bearing le Buffer noise.					
	rasonic tector to and bo d #2) for	scan sta monitor ttom, of t excessi	acker [·] all b the S ve vil	rs. bearir tacke bratic	Use u ng ass er mo on and	ultrasonic semblies, dules (#1 d noise.								
	i. UI ult					nners nonit	s/ISS. or al	Use I bearing of the						

MMO-006-11

U.S. Postal S	Service		IDENTIFICATION										
Maintenance	Check	dist	WORK CODE		E A	QUIPi	MENT NYM		CL CL	LASS DDE	NU	MBER	TYPE
			0 3	AF	С	S				E	0	0 1	М
Equipment Nomenclature)		Equipme	nt Model				Bulletin Fil	lename		Occurre	nce	
AFCS	ر 							IMIM1	νυοδη	~		с∩RW	
Part or	Item		Task	Statement	t and h	nstruct	tion		Est.	Min.		Threshold	S
Component	No		(Comply with	tn all curre	ent safo	ety pre	ecautic	ons)	Time Rea	Skill Lev	Run	Pieces	Freg
									(min)		Hours	Fed	· - Y·
L	<u> </u>			100 1				ati - 1			<u>_</u>	(000)	<u></u>
		S	canner +	100 for a	exce	ssive	; vibr ∋d ⊇ir	auon and	' I	ļ			
		Va	alves, filte	rs, and r	nanif	old.	-u ali	ano di	' I	ļ			
		j. U	Itrasonic	scan Prin	nter/I	SS. I	Use י	ultrasonic	' I	ļ			
		, de	etector to	monitor	all b	earin	ig as:	semblies,	' I	ļ			
		tc	p and b	oottom,	of ti	he F	rinte	r/ISS for	'	ļ			
		e.	hogosive \		DIID	SE	ی. اء	Iter	' I	ļ			
		к. U	etector to	scan Ca monitor	ancel all h	er. l earin	USE I Id as	uiirasonic semhlies	'	ļ			
		to	p and k	bottom,	of	the	Canc	celler for	'	ļ			
		e	xcessive v	/ibration	and	noise	Э.		' I	ļ			
		I. U	Itrasonic s	scan Inc	licia ;	#2. l	Use ı	ultrasonic	' I	ļ			
		dı +~	etector to	monitor	all b	earin	ig as: ndicic	semblies,	'	ļ			
		e)	xcessive v	/ibration	and	noise		.,, ב וטו	'	ļ			
		m. U	Itrasonic	r. l	Jse ı	' I	ļ						
		de	etector to	monitor	all b	earin	ig as:	semblies,	' 	ļ			
		tc ex	op and cessive v	pottom, /ibration	of and i	the noise	Le\).	veler for		 			
		n II	Itrasonic	scan T	wister	r. I	Jse i	ultrasonic	' 	ļ 			
		de	etector to	monitor	all b	earin	ig as:	semblies,	' I	ļ			
		tc	p and	bottom,	of	the	, Tw	vister for	'	ļ			
		e.	AUCSSIVE \		and	I IOISE	7. ' I.		'	ļ			
		o. U ط	atector to	scan Inc monitor	ונוa∶ h all	#1. earin	USE I Id as	uiirasonic semblies	' I	ļ			
		to	p and b	ottom,	of th	he Ir	ndicia	a #1 for	'	ļ			
		e	xcessive v	/ibration	and	noise	Э.		'	ļ			
		p. U	Itrasonic :	scan Fir	าย ู่Cเ	ull. L	Use ı	ultrasonic	' I	ļ			
		di to	etector to	monitor	all b	earin he ^r	ig as⊨ ≂ine	semblies,	' 	ļ			
		e>	cessive v	ibration	and	noise).).		' 	ļ			
		q. U	Itrasonic	scan Le	evele	r.l	Jse ı	ultrasonic	'	ļ			
		de	etector to	monitor	all b	earin	ig as	semblies,	' I	ļ			
		to	p and	pottom,	of and	the	Le	veler for	'	ļ			
		е; 2 т			ວເ 1U ກ£	ບເຮີE	 05		'	ļ			
		ວ. Tasi	ks to perfo	im the i NO 1	mrar TE	ea sc	ans.		' I	ļ			
		The	machine	muet h-	- VP ^L	een '	nunn:	na for	'	ļ			
		minin	num of 1	5 minu	tes,	्टना (norn	nally	while	' I	ļ			
		doing	the ultr	rasonic	scan	is) a	ndr	emain	'	ļ	ļ		
		runni obtai	ng when n correct	using no scans.	on-co Inves	ntact stigat	intra e cai	use of	1	ļ			

MMO-006-11

U.S. Postal S	Service														
Maintenance	Check	list	CODE		EQUI ACR	PMENT ONYM		CI	_ASS ODE	NU	MBER	TYPE			
			0 3	A F	C S			Α	E	0	0 1	М			
Equipment Nomenclature	е		Equipme	Equipment Model Bulletin Filename							Occurrence				
AFCS	S						MM1	0058A	A	ECBM					
Part or	ltem		Task	Statement	and Instru	ction		Est	Min	Thresholds					
Component	No	(Comply wi	th all curre	nt safety p	recautio	ons)	Time	Skill	_					
								(min)	Lev	Run Hours	Pieces Fed	Freq.			
								, ,			(000)				
		abnori	mal t	emperati	ure a	nd	notify								
		superv	visor of r	necessar	y correct										
		a. Inf	rared sc	an Main	Power	Box.	Use non-								
		Dis	stribution	areu to i Par	nonitor i nel fo	ne wa	abnormal								
		ter	nperatur	e.	Scan	all	terminal								
		COI	nnection	s and co	nnector	plugs.									
		b. Inf	rared sc	an Inclin	e Power	Box.	Use non-								
		COI	ntact in	frared to	o monit	or the	e Incline								
		Po	wer B	ox ass	embly	for	abnormal								
		COL	nperatur	e. s and co	nnector	ali oluas	terminal								
		0 lnf	rarad aa		ware l	laa na	n contact								
		C. Infi infi	rared so	monitor	the Co										
		for	abnorm	nal temp	erature.	This	includes								
		the	e Inclin	e Conv	/eyor,	Flat	Overthick								
		Se	parator,	and Scan	Inclir all m	ie (otors	Overthick terminal								
		COL	nnection	s, and co	onnector	plugs.									
		d Inf	rared so	an Eddi	ng Chan	nel I	Use non-								
		COI	ntact in	frared to	o monit	or the									
		Ch	annel fo	r abnorr	nal temp	peratur	re. Scan								
		mo	otor, tern	ninal con	nections	, and c									
		più	iys.	_ ,											
		e. Inf	rared so ntact in	frared	s Extrac	tor. l itor tl	Jse non- he Flats								
		Ex	tractor for	or abnori	mal tem	beratu	re. Scan								
		mc	otors,	terminal	conn	ection	s, and								
		COI	nnector	olugs.											
		f. Inf	rared so	an Shin	gler. U	se no	n-contact								
		inti	rared t	o moni tompora	tor the	Shir	ngler for								
		ter	minal co	nnection	s, and c	onnect	tor plugs.								
		a Inf	rared sc	an Sinai	, ilator I	lea no	n_contact								
		g. infi	rared to	o monite	or the	Singu	lator for								
		ab	normal	tempera	iture.	Scan									
		ter	minal co	nnection	s, and c	onnect	or plugs.								
		h. Inf	rared so	an Buff											
		COI Eo	ntact in eder for	irared t	o moni al temp	or th									
		mc	motors, terminal connections, and												
		CO	connector plugs.												
		i. Inf	rared so	an DLV	AC B	ox. ι	Jse non-								

MMO-	006-11
------	--------

U.S. Postal Service							TION	_								
Maintenance	Check	dist	WORK		E			Γ –		CL	ASS	NU	MBER	TYPE		
	-100		0 3	AF	С	S				A	F	0	0 1	М		
Equipment Nomenclature	Э		Equipme	nt Model	<u> </u>	<u> </u>	<u> </u>	В	Sulletin File	ename	- <u>-</u>	Occurre	nce			
AFCS	S			MM10058A									ECBM			
Part or	ltem	_	Tack	Task Statement and Instruction Est M								Thresholds				
Component	No		(Comply w	th all curre	nt saf	ety pr	ecautio	ons)	١	Time	Skill					
										Req (min)	Lev	Run Hours	Pieces Fed	Freq.		
					1	1	1			()			(000)			
		С	ontact inf	rared to	chec	k the	۶ DL	V A	C Box							
		fo	or abnor	mal ten	npera	ature		Sc	an all		l					
		te	erminal cc	nnection	is an	a coi	neci	or	piugs.		l					
		j. Ir	nfrared so	an DLV	care	d ca	ge.	Us	e non-		I					
		C C	age for a	bnormal	tem	pera	ture.	י∟ر S	can all		I					
		te	erminal co	nnection	is an	d cor	nect	or j	plugs.		l					
		k. Ir	nfrared so	an stacl	kers.	Us	se no	on-o	contact		l					
		ir	frared to	monito	r the) Sta	icker	m	odules		I					
		(†	#1 and a	#2) for	abno	orma	I ten	npe	erature.		l					
		с С	onnector	olugs.	mai	COL	necti		s, anu		I					
		Ir	ifrared ec	an ΔΔT	car	t rai	ne	0	e non-		l					
		i. II C	ontact inf	rared to	mor	itor	the /	4A1	Γ Card		I					
		C	age for a	lbnormal	tem	pera	ture.	S	can all		l					
		te	erminal cc	d coi	nnect	or	plugs.		I							
		m. Ir	nfrared so	rared scan lamp power supplies. Use												
		n	on-contac	n-contact infrared to monitor the lamp												
		р S	ican all	an all terminal connections and												
		С	onnector	nnector plugs.												
		n. Ir	nfrared so	can prin	ter.	Us	e no	on-o	contact		I					
		ir	frared to	ared to monitor the printer fan motors							I					
		te te	or abnor erminal co	abnormal temperature. Scan all												
		~ !"	ofrared or	an Con	- alor	11	20 DC		vontaat		l					
		U. Ir ir	infrared to	an Cano 5 monif	tor	: U: the	Can	л-(cel	er for		l					
		a	bnormal	temperat	ure.	Sc	an al	l te	erminal		l					
		С	onnection	s and co	nnec	tor p	lugs.				l					
		p. Ir	nfrared sc	an EN A	C bo	x. U	se no	on-o	contact		I					
		ir ہے	frared to	monitor	the	EN /	AC b	NOX	power		l					
		u S	can all	termin	abriol 1al	coni	nectio	ons	and		I					
		c	onnector	olugs.							l					
		q. Ir	nfrared sc	an AM C	ard (Cage	#1.	Us	e non-		l					
		, c	ontact inf	tact infrared to monitor the AM Card							l					
		C	age #1 fo	or abnor	mal 1	temp	eratu	ire.	Scan		l					
		a D	lugs.		อบแป	iið č	UII	001			l					
		r Ir	ofrared ec	an AM I	DC r)0W/P	r eur	งที่เง	العم		l					
		n. 11	on-contac	t infrared	d to i	moni	tor th	ie A	AM DC		l					
		р	ower sup	ply for	abno	orma	l ten	npe	rature.		l					
		S	can all	termin	minal connections and											
		С	onnector	olugs.							ĺ					
MMO-006-11

U.S. Postal S	Service						IDENTIFICA	TION				-
Maintenance	Check	dist	WORK CODE		EG A	UIPMEN CRONYN	A I	CL	_ASS ODE	NU	MBER	TYPE
			0 3	A F	С	S		Α	E	0	0 1	М
Equipment Nomenclature) 2		Equipme	ent Model			Bulletin Fi	lename	^	Occurre		
AFUC	5							0036A	A		ECDIVI	
Part or	Item		Task	Statement	t and In	struction	<i></i>	Est.	Min.		Threshold	s
Component	NO	(0	Comply wi	ith all curre	ent safet	y precau	tions)	Req	Lev	Run	Pieces	Freq.
								(min)		Hours	Fed	
								ļ		l	(000)	1
		s. Infr	rared sc	an AM C	ard C	age #2						
		Ca	ge #2 fo	or abnor	mal te	mperat						
		all	termina	al conne	ections	and						
		plu	igs.									
		t. Infr	rared so	can Lev	eler.	Use r						
		intr abr	rared t normal	o mon temper:	itor i ature	ne L Sc						
		teri	minal co	nnection	is, and	l conne	ctor plugs.					
			wawad a									
		u. Infr	rared s rared to	monitor	,P. the pl	use r uas in 1						
		the	ACP, I	JPS, an	d the	Power	Strip used					
		to p	power al	ll compoi	nents	of the A						
		4. Resto	ore equip	oment to	ready	status						
		a. P	erform p	ower do	wn pro	ocedur	es.					
			Γ	CAUT	ION	7						
		Ensur	∟ re all ink	ciet prin	nters a	_ Ire shu	ıt down					
		in acc	cordanc	e with	norm	al shu	t down					
		down	dures. may ca	Failure use dam) to t	oroper	ly shut ers					
		uowii	may ca	use uun	lage i	o print	013.					
				NOT	ΓE							
		For	more	detailed	info	rmatio	n and					
		illustra	itions re	fer to V	/ideoje	t Exce	PC/PI					
		the PC	C-70 or V	/ideoiet	Excel	PC 80	Service					
		Manua	al.	,								
				NOT	ΓE							
		For	more	detailed	info	rmatio	n and					
		illustra	ition ref	er the i	most	current						
		Manua	al found	on the	MTS	C wel	page.					
		36151	nisc.usp 8-01AB	s.gov/ec .pdf	laibme	HIVEIC	S/FIIES/					
		1)) Perfo	rm norm	al shu	t down	of inkjet					
			recen	ns in acc nt manua	l for th	e PC-7	10/80					
			and/c	or PC-37		2.01	2,00					
		2) Do ar	n orderlv	shut o	lown of	f the ACP					
			comp as ou	uter syst	tem. S Item #	Shut do 3 if this	wn system					

MMO-	006-11
------	--------

U.S. Postal S	Service		IDENTIFICATION WORK EQUIPMENT CLASS NUMBER												
Maintenance	Check	dist	W(ORK DDE		E	:QUIP ACRO	MEN1	1		CL CC	LASS DDE	NU	MBER	TYPE
			0	3	A F	С	S	Ĵ			A	E	0	0 1	М
Equipment Nomenclature	•		Equ	uipmen	nt Model		ł		Вι	ulletin Fil	ename		Occurre	nce	
AFCS	ر 									IVIIVI1	იიაგტ	~		⊑∩RΜ	
Part or	Item			Task S	Statemen	t and I	nstruc	tion			Est.	Min.	,,	Threshold	ls
Component	No		(Com	ply with	h all curre	ent safo	ety pre	ecautio	ons)		Time Rec	Skill	Run	Pieces	From
	ļ										(min)	- U V	Hours	Fed	, ieq.
	<u> </u>	<u> </u>									<u> </u>		·	(000)	
	Τ		d	document "Power down SWSTP/ACP											
			C	ompt	iters" al ire Mon	na/or	iOllo nent	w the Orde	∍ iat∈ ∘r	est	l	ļ			
			د (ر	currer	ntly SM	0-00	8-09)) four	าd o	'n	l	ļ			
			ý	ITSC	web si	te:		т. е. 1. е.	1. ·		l	ļ			
			<u>\</u> /r	vww.r Bullet	ntsc.us	ps.go	<u>vv/bu.</u> Itliet	<u>iletin</u> resu	da <u>i</u> to tl	equip m	l	ļ			
			<u>//</u>	<u>, andl</u>	<u></u>	<u>,cl</u> : th :	<u>ət</u>	<u></u> 66	<u>u</u>	 اور	l	ļ			
			/ h	או טפוי. ו <mark>ttp://י</mark>	noi, A O <u>Mtsc.us</u>	r uie : ∶ <mark>ps.o</mark> c	1-دויי v/m <u>د</u>	soo n sbool	iani <u>ks</u>	ual.	İ	ļ			
			<u>-</u> 3) P	,00%er	down	and Ic	ock o	ut no	Wer	-	İ	ļ			
			~, г Р	ower.	down t	he m	achir	ne an	id lo	ock	l	ļ			
			0	out its	electric	al po	wer	as pr	esci	ribed	l	ļ			
			b ir	y the מיוstruc	curren:	rovidi	na loch	∖out ∘cko∵	t/r≏	store	l	ļ			
			р	rocec	lures.	- viul					l	ļ			
		b.	Repla	ace al	ll panels	s and	doo	rs. E	Insu	ıre	l	ļ			
			tools	and r	nateria	ls are	rem	oved	froi	m _.		ļ			
			work	area.	Repla	ce al	I mac	chine	pai Paro	nels.		ļ			
			2,030	II	WAP				. 513	-					
				L	WAKI	UNG					l	ļ			
		Be (equ appl	cautio ipmer lied.	ousw ntw	hen wo /hen	orkin powe	g aro ∋r l	ound าas	or be	on en					
		~	Reat)re +L		3/000	<u>ک</u> م	lin-	ant	to	l	ļ			
		C.	servia	cre (N ce as	prescri	bed h	י∖ eq y the	aipm 3 curr	rent	local	İ	ļ			
			proce	adure	providi	ng loo	ckou	t/rest	ore		İ	ļ			
			proce	edure:	s, inclue Main F	aing a	air ar r Dief	id the ribut	e po ion	ower	l				
			Cabir	net, if	necess	ary.	צוע .	มนเ			İ	ļ	Hours Fed (000) Hours Fed (000)		
			D ~	. DC.			to-	n -	~~ ·		İ	ļ			
		d.	rrest contre	s ru\ ol par	יv⊏ĸ O nel.	in put	ແບກ c	лі ор	erai	ιUΓ	İ	ļ			
				Pul							İ	ļ			
		e.	Resto	ore ID	tag pri	nter	ewoq ∗ חוי	er. Pe	erfo.	rm Irs in	l	ļ			
			accor	rdanc	e with t	he m	t صرد ost re	ay pi ecent	t ma	anual	İ	ļ			
			for th	e PC	-70/80 a	and/o	or the	PC-	37.		İ	ļ			
		f	Perfo	ntu nu	ormal n	OWer	un o	f the	ACı	Pand	l	ļ			
		1.	SWS	TP cc	omputer	rs in a	ט ק. נסססג	rdanc	ce w	/ith	İ	ļ			
			the la	itest o		ntatio	on (cu	urren	tly ٤	SMO-	l	ļ			
			UUX-(illustr	www.mtsc.usps.gov/bulletin/bb_equip /Bulletin_equipmentlist_result.cfm. Also Vol. A of the MS-166 manual. http://mtsc.usps.gov/msbooks Power down and lock out power. Power down the machine and lock out its electrical power as prescribed by the current local lockout instructions providing lockout/restore procedures. blace all panels and doors. Ensure s and materials are removed from k area. Replace all machine panels. se all machine doors and covers. WARNING ious when working around or on ent_when_power_has_been store the AFCS/OCR equipment to vice as prescribed by the current local zedure providing lockout/restore produces, including air and the power at to the Main Power_Distribution binet, if necessary. ss POWER ON button on operator trol panel. store ID tag printer power. Perform mal power up of the ID tag printers in ordance with the most recent manual the PC-70/80 and/or the PC-37. form normal power up of the ACP and STP computers in accordance with latest documentation (currently SMO- -09). Also refer to the following for trations and information: w.mtsc.usps.gov/bulletin/bb_equip/Bull											
			WWW	mtsc		ov/bu	illetin	/bb	eau	ip/Bul	l	ł	1		1

U.S. Postal	Service			-			I	DENTIFICA	TION					
Maintenance	Chec	klist	WORK CODE		E A	QUIPI ACRO	MENT NYM		CI	_ASS ODE	NU	MBE	२	TYPE
			0 3	AF	С	S			Α	E	0	0	1	М
Equipment Nomenclatur	е		Equipme	nt Model			1	Bulletin Fi	lename		Occurre	ence		
AFC	S							MM1	0058A	A		EC	BM	
Part or	Item		Task	Statement	and Ir	nstruc	tion		Est.	Min.		Thres	holds	5
Component	No	(Comply wi	th all curre	nt safe	ety pre	cautior	ns)	Time	Skill				
									(min)	Lev	Run Hours	Piec Fe (00	xes d 0)	⊦req.
			tin oqui	inmontlini	t roo					1				
			f the MS	-166 Mai	nual	uit.ci	<u>m</u> and	u voi. A						
		<u>h</u>	ttp://www	w.mtsc.us	sps.g	jov/m	nsbool	<u>ks</u>						
		~ ~ ~	elect 00	on the e	noral	tora	aantra	Inonal						
		y. s a	nd start	machine.	pera		contro	i panei						
		h P	ush the	STOP bi	itton	for n	ormal	l						
		s	hutdown	l.			onnai							
FINAL CLEAN UP	79.	Clean up).						15	ALL				
		1. Ensu remo	ure all too oved fror	ols, lubric n the woi	cant, rk are	rags ea.	, etc.,	are						
		2. Ensu in pla	ure all eq ace.	luipment	pane	els ar	nd cov	/ers are						
		3. If the were prop	e master e remove erly repla	and reco ed and cle aced.	gniti eane	on no d, en	ode fil sure t	ters hey are						
		4. Upda the e proc	ate tasks MARS s edures to	s complet server an o submit	ed in d foll com	n eCE low lo pletic	BM se ocal ons.	ction of						
		5. Repo gene oper initia Anno mad	ort all c erate a ating p te corr otate de e in the e	deficienci work orc rocedure rective eficiencie equipmer	es t ler, p s, to mair s fo nt log	o su per l o de ntena pund gbooł	upervi ocal ocume nce and (.	sor and standard ent and activity. repairs						

MMO-006-11										Ma	ainte	enan	ice Te	echn	ical S	uppo	ort C	enter
U.S. Postal	Service									IDE	ENTIF	ICAT	ION					
Maintenance	Maintenance Checklist						E	EQUIF ACRO	MEN NYN	T I			CL CC	ASS DDE	N	UMBE	ĒR	TYPE
													М					
Equipment Nomenclature	Equipment Model									В	Bulletin Filename Occurrence MM10058AA ECBM						СВМ	
Part or	Part or Item						Task Statement and Instruction Est. Min. Threshol								eshold	s		
Component	(1	Comp	oly wi	th all o	currei	nt saf	ety pr	ecaut	ions))		Time Req (min)	Skill Lev	Run Hours	Pie F (0	eces ed 00)	Freq.	

THIS PAGE BLANK

ATTACHMENT 3

AFCS MASTER CHECKLIST

09-AFCS-AE-001-M

OPERATIONAL MAINTENANCE TASKS

80 Min

Based on a 4 hour operation.

Index			
#	Base Time	Multiple	Totals
1	1	1	1
2	1	1	1
3	1	4	4
4	2	1	2
5	2	4	8
6	1	4	4
7	1	4	4
8	2	4	8
9	1	1	1
10	1	1	1
11	5	1	5
12	2	1	2
13	5	1	5
14	3	4	12
15	5	4	20
16	2	1	2
			80

U.S. Postal	Service			n			ID	ENTIFICA	TION		1		
Maintenance	Checl	klist	WORK CODE		E	QUIPME	NT M		CL	LASS ODE	NUI	MBER	TYPE
			0 9	A F	С	S			Α	E	0	0 1	М
Equipment Nomenclature	e		Equipme	nt Model				Bulletin Fil	ename	•	Occurre	nce	
AFC	5							IVIIVI 1	0058A/	4		Tour	
Part or	Item		Task	Statement	and I	nstructior	۱		Est.	Min.	-	Threshold	S
Component	No	(Comply wi	th all currer	nt safe	ety preca	utions	s)	Time Reg	Skill Lev	Run	Pieces	Freq
									(min)		Hours	Fed	1109.
												(000)	
SAFETV	1				FTV	DREC			1	ΔII			Т
STATEMENT		Disconne required local loc down an equipme Check fo If any u supervis further a THE USE IS PROH When c cleaning vacuum in place free clot equipme cannot b your sup	ect pow by this ckout p nd lock nt and or suspid unusual or prio ction on E OF CC IBITED. leaning metho cleaner of com h or br nt only e used. ervisor	rer and instruct procedur a out the inspe- cious du substa or to p the equ OMPRES is requ d such or a dat pressed ush may when ot Report immedia	app ion. es nis ct ust c nce roce ipm SEE uiree as mp or y be her safe	ly lock Refer to pro machir dust or unus is fo eeding ent. O OR B d, an a HEI rag mu blown cleanin ety defi	LOV alte PA st b air. on g m cien dete	v when current y shut Open ditions. debris. notify th any VN AIR wrnative filtered be used A lint- optical lethods nocies to cction.	•				
AFCS OPM: LOG UPDATE	2.	Read ma operation Check log problem e forward a	chine lo nal tour. g book fo entries fr ny unres	or unreso or unreso om previ solved pre	lved ous oble	n g of t l or susp tour. B ms.	he Decte ring	ed	1	9			Т
AFCS OPM: OPERATION SUPERVISOR	3.	At start c with ope Verify tha experienc AFCS. V not havin other prol	of OPM a rational t the ma cing sign erify tha g freque olems wi	and ever supervis if process ificant pro t mail pro nt jams, j hich affeo	y ho sors oble ocess phar ct sy	person person ms ope sing per tom sto stem pe	r, ch nel a ratin rson pps, erfor	are not g the nel are or any mance.	4	9			Т
AFCS OPM: OPERATIONAL INDICATORS	4.	Observe of the op 1. The la heard STAF pushi lamps or inh	the mac erationa amps sh l in vicini RT CULL outtons h s should ibit illum	chine on al tour. ould be s ity of the ER or S have bee not be co ination.	seen mac TAR n pre over	and the hine aff FACE essed. ed to m	beg e hor ter e R/C Horr uffle	inning rns ither AN ns and sound	2	9			Т

U.S. Postal S	Service	I				<u></u>	45.1-	IDEN	ITIFICA	TION	A00				
Maintenance	Chec	klist			E(۹۹וטג <u>CR</u> O	vi⊏NT <u>NYM</u>				LASS ODE	NU		\perp^1	ιτΡΕ
		l	0 9	AF	С	S	\Box	\Box		A	E	0	0 1	\Box	М
Equipment Nomenclature	;	 	Equipme	nt Model		-	_	Bui	Iletin File	ename	Δ	Occurre	nce Torr	. –	
	-							<u> </u>		OA	- 1		100.		
Part or	Item		Task	Statement	and In	struct	tion	nc)		Est.	Min.		Threshc	olds	
component	INO	(comply wi	an an Curre.	m sate	y pre	Juautic	лıs)		Req	Lev	Run	Pieces	; F	Freq.
	ļ									(min)		Hours	Fed (000)		
•	·	<u> </u>	··· ·· ·		.;		_	r		<u> </u>	<u>. </u>			<u></u>	
		∠. Ensu and	ie inat a overth	ick m	onttent odule	נ nor ∙s	n on sou	i TINe nd	e cull for	i					
Į I		appro	vimately	· //	Secon	ds	afte	ər	Start	İ					
		pusht	button is	pressed	befoi	re ma	achir	ne st	tarts.	i			1		
		3. Ensu	re flash	ing lam	ips c	on fi	ine	cull	and	i					
		overti	nick mo	dules fla er Stort	ash (conti butto	nuou nn ic	usly	trom	i			1		
		until ti	he mach	ine start	Pusí) S.	.Jull	un IS	, hie	Joeu	l					
AFCS OPM	5.	At start o	f OPM a	Ind ever	y hoi	ır afi	ter	cher	; k	8	9	<u> </u>	+	+	Т
SINGULATOR	J.	feeder op	peration.		,	. ai	y 1		-	J					•
		1. Obsei	rve feede	er for pro	oper o	pera	ation.	Fe	ed	i					
		shoul	d be smu	ooth and	cons	tant.	Ве			i			1		
		obser	rvant of f	oreign m	natter	accu	umula	atior	า.	l					
		2. Ensu	re feedei	r belts ar	re trac	cking	1 prop	oerly	' and	i					
		inat c	ff drive n	ator arm ullev whi	is are	not i huld r	iubbi caus	nig c e	л	i					
		alumi	num deb	oris to ad	verse	ly af	fect	BDS	,	i					
	_	syste	m.	_	_	_	_	_		_	L		Ţ		_
AFCS OPM:	6.	At start	of OPM	and ev	very	houi	r aft	er,	+	4	9			\top	Т
BUFFER FEEDER		cneck fee	eder opt	eration.						i					
		Observe i	feeder fc	or proper	opera	ation	ı. Fe	ed		l					
		observant	t of foreir	on and on matter	con. r acci	ອເສກໂ Jmula	ι. ation	ье 1.		l					
AFCS OPM.	7	At etert		and or	<u>erv</u> ^L	101	afta	r c'	here	Δ	0	<u> </u>	+	+	т
BYPASS	··	by-pass s	stacker.	and ev	Juy f	Jur	arte	., C	. K	-	3				I
STACKER		Check for	r proper	by-pas	s ma	il in	the	bv-	pass	i					
		stacker.	If excess	sive chec		l			1						
AFCS OPM: SORT STACKERS	8.	At start sort stack	of OPM kers.	and ev	'ery h	ıour	afte	₽r, c	heck	8	9			\uparrow	Т
		Observe s	sort stac	kers for	prope	۶r ma	ail pl:	acer	nent:	i					
		lensure m	ail piece	s are en	itering	the	stac	kers	s in a	l			1		
		from each	nanner. 1 stacker	Obtain	abou rt stad	ut 2ť sker <i>i</i>	s ma teta	all p. time	ieces and	ļ			1		
		check eac	ch mail p	viece for:			a		,u	l			1		
		1. Accer	י stable C	ancellatio	on M;	ark. 4	com	oare	with	l			1		
		CANC	CELLATI	ION S	TANL	JARI	DS	pla	acard	i					
		(MTS	ю: Р/N 0.	ა0084).						i					
		2. Validi corres	ity of sponding	mail to the י	pi mail c	iece pater	p jorv	lace assi	ment gned				1		

U.S. Postal	Service		MODI					IDE	NTIFICA	TION			MDED	TVDE
Maintenance	e Chec	klist	CODE		E /			,	I	CL	LASS ODE	NU	MBER	IYPE
Equipment Nomenclatur	re		09 Equipme	A F	С	S		B	ulletin Fil	A ename	E	0 Occurre	0 1 ence	М
AFC	S								MM1	0058A	A	2 304110	Tour	
Part or	Item		Task	Statement	and l	nstruc	tion			Est.	Min.		Threshold	ls
Component	No	(0	Comply wit	th all curre	nt safe	ety pro	ecautio	ons)		Time Req	Skill Lev	Run	Pieces	Freq.
										(min)		Hours	Fed (000)	
		to tha	t stacke	r by the s	sort s	schei	me.							
		3. Accep printe	otable II d clear a	D Tag. and verif	Ens iable	ure	the II	DТ	ag is					
		4. Retur	n mail pi	ieces to	sort s	stack	ker.							
AFCS OPM: ID TAG PRINTER	9.	After two printers.	hours o	of run ti	me, o	chec	k ID 1	tag		1	9			Т
		Check to dirt, debri needed o cleaner a printer a becomes	ensure f s, or for clean p and cotto s nece unverifia	there is r eign ma rinthead on tippe ssary v able.	no bu tter a ape ed ap vhen	uild-u at the erture oplica pri	up of e prin e (us ator o nted	drie thea sing or a ID	ed ink, ad. If lens adjust Tag					
AFCS OPM: ID TAG READERS	10.	After two readers	hours o	of run ti	me, o	chec	k ID 1	tag		1	9			Т
		Check ID accumula matter ac and windo applicator	Tag Ver tion of d cumulati ow using or a mic	ifier face ried ink, on. If ne lens cle cro fiber	eplate dirt, eedeo aner glove	e and debr d cle and e or o	d winc is or f an fao cotto cloth.	low fore cepl n tij	r for lign late pped					
AFCS OPM: INDICIA	11.	After two detector.	hours	of run ti	me, o	chec	k ind	icia	a	5	9			Т
DETECTOR		Check Inc dirt, debris needed, c using lens	dicia Det s, or fore clean fac s cleanei	ector fac eign matt eplate a r and cot	eplat ter ac nd sa ton ti	te ar ccum apph ippe	nd win nulatio ire wi d app	ndov on. ndo lica	ws for If ws tor.					
AFCS OPM:	12.	After two	hours	of run ti	me, o	chec	k sca	ann	er:	2	9			Т
SCANNERS		1. Checl of due neces	k scanne st, debri ssary.	er apertu s, or for	re slo eign	ot fo mat	r accu ter.	umu Clea	ulation an as					
		2. Check debris neces tipped	k camera s, or t ssary, us d applica	a lens fo foreign sing lens itor or mi	or acc mati s cle icro f	cumı ter. aner iber	ulatior Cl and glove	n of ean a c or o	f dust, n, as cotton cloth.					
		3. Checl accur matte clean fiber g	k scann nulation er. Clea er and a glove, or	ner lamp of dus an, as a cotton cloth.	o ler st, c nece tippe	ns a debri essar ed ap	ssem s, or y, us plicat	iblie fo sing tor,	es for oreign I lens micro					

U.S. Postal	Service		MODI	1			IDENTIFICA		100			
Maintenance	Chec	klist				∽ment ONYM ↓ ↓				NU		
Equipment Nomenclature	e S		Equipme	A F nt Model			Bulletin Fi MM1	lename 0058A	A	Occurre	o i ence Tour	IVI
Dort or	ltom		Took	Statement	and Instru	otion		Ect	Min		Thropholo	
Component	No	((Comply wi	th all currer	nt safety p	recautio	ons)	Time Req (min)	Skill Lev	Run Hours	Pieces Fed (000)	Freq.
AFCS OPM: IJC	13.	After two	hours	of run tir	ne, che	ck the	IJC:	5	9			Т
		Locate 10 and valid following:) cancell late tha	ed piece t each r	s of mail mailpiec	(5 lea e con	ad, 5 trail) tains the					
		1. The c city a	ancellat nd state	ion mark that the	contain: facility is	s the c locat	correct ed in.					
		2. The c correc digit c	ancellat ct sectio code.	ion mark nal cente	contain: er facility	s the f (SCF	acility's) three					
		3. The c date a	ancellat and time	ion mark	contain	s the c	correct					
		4. The c mach	ancellat ine num	ion mark ber.	contain	s the c	correct					
		5. The p with th (PSN	orint qual he IJC c 7610-08	lity is acc ancellatio 3-000-41	eptable on stand 51).	in acc ard pl	ordance acard					
		If the can the IJC C (PSN: 76	cellation ANCELL 10-08-00	mark is _ATION \$)0-4151),	not in ac STANDA , do the ⁻	corda RDS followi	nce with Placard ng:					
		6. Chec	k ink bot	tles, if er	npty, rep	olace.						
		7. If nee	eded, pui	rge the p	rinthead	s.						
AFCS OPM: INTERIM REPORT	14.	At start o interim re	of OPM a eports.	and ever	y hour a	after,	check	12	9			Т
		1. Print a DCC.	an interi	m Site Si	ummary	report	from the					
		2. Analy for ab Accep Multi-	ze the re phormal pted, By Indicia %	eport for data abo pass %, %.	each AF ut Piece Over len	CS. I s Fed gth %	Be alert Pieces , and					
		3. Checl Stop, any a super	k the rep and Ma bnormal ⊽isor.	oort for ex I fault list lity to the	xcessive ings. Co mainter	Jam, orrect nance	Machine or report					
AFCS OPM:	15.	At start o	of OPM	and eve	ry hour	after,	observe	20	9			Т
MACHINE		machine	operation	on.								
GENERAL		Determine noises or and take	e the so odors. e neces	urce of a Check a sary co	any stra ny abno rrective	nge o rmaliti actio	r unusual es found, n, either					

U.S. Posta	I Service		IDENTIFICATION												
Maintenance	e Chec	klist	WORK CODE		E		MEN MYNC	T I		CI	LASS ODE	NU	JMB	ER	TYPE
			0 9	A F	С	S				Α	E	0	0	1	М
Equipment Nomenclatu	re		Equipmer	nt Model	•				Bulletin Fi	lename		Occurr	ence	-	
AFC	:5								MM1	0058A	A			our	
Part or	Item		Task	Stateme	nt and	Instru	ction	ion	c)	Est.	Min.		Thre	eshold	s
Component			Comply wit		CIIL SAI	erà hi	cauli		>)	Req (min)	Lev	Run Hours	Pi F	eces Fed	Freq.
											1	1		,00)	
		immediat Operatior	ely, or w ns is don	rite a w e with p	ork o proces	rder ssing	for a of th	icti ne	on after mail.						
AFCS OPM: COMPILE RUN INFORMATION	16.	Operations is done with processing of the mail. At the end of the operation, compile the following information: 1. Interim reports taken during the operational run with any abnormalities noted and/or highlighted.										Т			
		2. Route	e sheet ir	nformat	ion.										
		3. Any v	vork orde	ers gen	erate	d.									
		4. Make discre	entries i epancies	in macł found	nine lo durino	ogbo g the	ok of mail	ar ru	ny In.						
		5. Turn super perso	in this inf vision ar onnel con	formation nd brief ning on	on to the n duty.	main naint	tena enan	nce	e						