

MAINTENANCE TECHNICAL SUPPORT CENTER  
HEADQUARTERS MAINTENANCE OPERATIONS  
UNITED STATES POSTAL SERVICE



# Maintenance Management Order

**SUBJECT:** Supplement to MMO-006-11 Operational and Preventive Maintenance Guidelines for the Advanced Facer Cancellor SYS ISS OCR PARS Modified (AFCS)

**DATE:** July 27, 2012

**NO:** MMO-092-12

**FILE CODE:** 2AC

**TO:** All AFCS Capable Offices  
All Area Offices

wbro: mm11097ab

This Maintenance Management Order (MMO) supplements MMO-006-11 Operational and Preventive Maintenance Guidelines for the Advanced Facer Cancellor SYS ISS OCR PARS Modified (AFCS) and provides all necessary change information.

The periodic removal and replacement of the bottle filter associated with the Ink Jet Printers Model 70/80 and PC37 on the AFCS needs to be clearly addressed. Presently it is not covered for the Model 70/80, but is addressed for the PC37 as a tube filter. Therefore, an additional task will be included in the existing MMO-006-11.

This action is the result of an analysis to ensure the frequency of this task is sufficient with the best possible equipment performance as well as cost effectiveness.

Therefore the following actions are needed:

- Content of the present Item #47 Section B, Step #1 will be deleted.
- The addition of a task to perform the removal and replacement of the bottle tube filter on both the Model 70/80 and PC37 IJP systems every 60 weeks; a copy of this new task is found in Attachment 1 of this document.
- Change the existing staffing rollup for replacement in Attachment 1 of MMO-006-11. A copy of this updated rollup is found in Attachment 2 of this document.
- Item numbers will change as a result of this action.

All actions as a result of this MMO will be incorporated into the copies that reside on the MTSC Webpage.

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



Manager  
Maintenance Technical Support Center  
Headquarters Maintenance Operations

Attachments:

1. Bottle Filter Replacement Procedure
2. Summary Work Load Estimate

**ATTACHMENT 1****BOTTLE FILTER REPLACEMENT PROCEDURE**

**Replace Bottle Filter Assemblies in both Lead and Trail IJP Ink Bottles.**

**WARNING**

**When disposing of ink or ink saturated waste, refer to procedures outlined in current Material Safety Data Sheets (MSDS).**

**NOTE**

This procedure is applicable to ink bottle filters on the PC 70/80 and PC 37 Ink Jet Printers used in both the Lead and Trail positions.

1. In the Lead IJP, pull the bottle (ink or make-up) which you are replacing the filter tube assembly away from the fluid pan.
2. Pull the cap off of the bottle, and slide the attached bottle filter tube assembly out of the bottle. Place the bottle aside.
3. Remove the fitting from the top of the cap by turning counterclockwise one full turn.
4. Pull the line with attached rubber tube off of the top of the cap.
5. Discard the old filter tube assembly.
6. Install the fitting onto the top of the cap on the new bottle filter tube assembly.
7. Install the line with attached rubber tube (removed in step 4) onto the top of the cap on the new bottle filter tube assembly.
8. Insert the bottle filter tube assembly into the bottle, and push the cap down to secure the assembly. Place the bottle into the fluid pan.
9. Repeat steps 1-8 to replace the filter tube assembly in the other bottle.
10. Proceed to repeat all of these steps for the Trail IJP ink bottles.

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**ATTACHMENT 2**

**SUMMARY**

**WORKLOAD ESTIMATE**

		<b>SUMMARY WORK LOAD ESTIMATES FOR AFCS</b>							
<b>Number of mail pieces</b>									
<b>Processed for 1 Year &gt;</b>		<b>27,000,000</b>	<b>High end estimate</b>						
Operation Days	Routine Servicing per Machine (Hrs/Yr)	Repair Time per Machine (Hrs/yr) *	Routine Servicing + Repair Time (Hrs/Yr)	Non-Productive Time per Machine (Hrs/yr) **	Total Servicing per Machine (Hrs/Yr)	Operational Maintenance + Total Servicing			
						1 Tour Hrs/Yr OpM x 1	2 Tours Hrs/Yr OpM x 2	3 Tours Hrs/Yr OpM x 3	
5 Days	789.15	236.75	1025.90	102.59	1128.48	1,475.15			
6 Days	916.55	274.97	1191.52	119.15	1310.67	1,726.67			
* Repair maintenance estimates based on 30% of preventive maintenance.									
** Based on 10% of total PM and repair.									
						OPERATIONAL MAINTENANCE 80 MIN. PER DAY PER MACHINE			
						One Tour	Two Tours	Three Tours	
5 Day						346.67			
6 Day						416.00			