



ECUP – M.05

**Process for Tracking Actual Man Hours for C-
Check rather than by Task Completion**

CONTEXT

Background:-

C-Check Completion Rate is currently being measured by Number of WinAir C-Check Tasks Completed.

Each C-Check Task has Market Manhours inputted in WinAir.

Proposal:-

Use C-Check WinAir Task Market Manhours to measure and calculate C-Check Completion Rate.



PROCESS FOR EXTRACTING MARKET HOURS

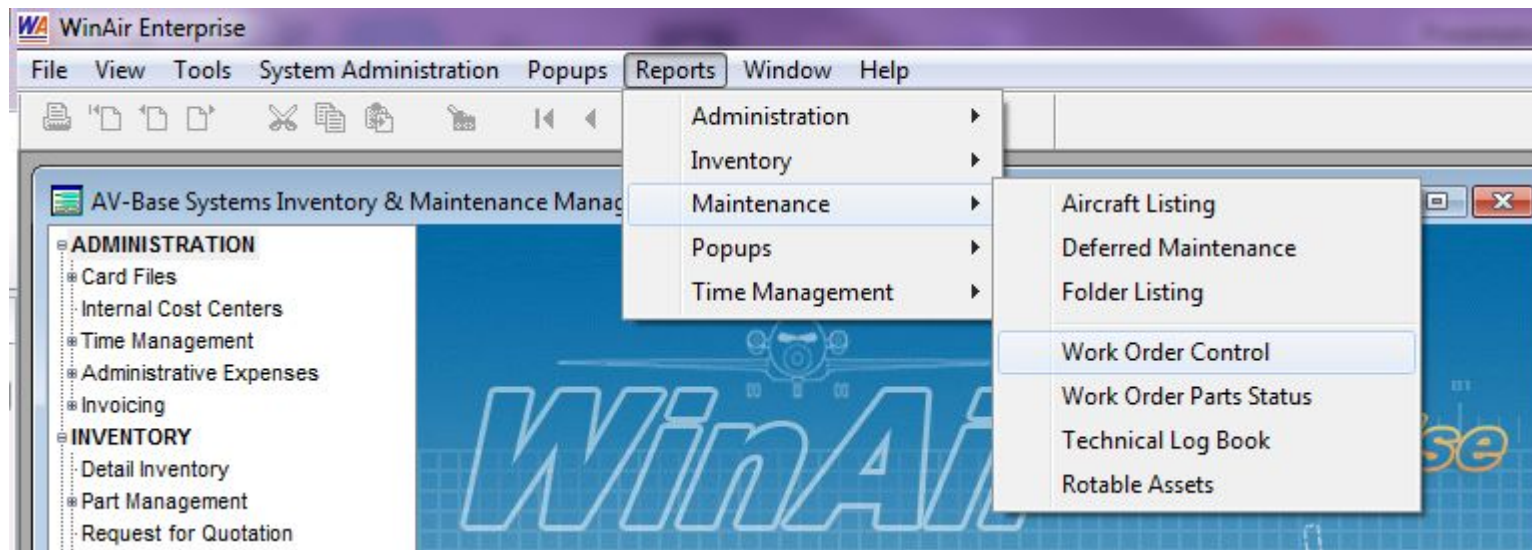
The following 4 steps use WinAir reports to extract the market hours into *.pdf format

Step 1: Log into WinAir using desktop client



PROCESS FOR EXTRACTING MARKET HOURS

Step 2: Go to Report – Maintenance – Click Work Order Control
<Report Option> Window Opens



PROCESS FOR EXTRACTING MARKET HOURS

Step 3: From the Report Options Window that opens do the following:

The screenshot shows the 'Report Options' window for a 'Work Order Control Report (Aircraft)'. The window has two tabs: 'Aircraft' and 'Department'. The 'Aircraft' tab is active. The 'Select Report' dropdown is set to 'WO/Task'. The 'Aircraft' field is set to 'P2-ANC'. The 'Information to Print' section has several options: 'Corrective Action', 'Status', 'Stock Used', 'Services', and 'Labour'. 'Labour' is checked. The 'By Personnel' radio button is selected. The 'Create Report' button is at the bottom right.

Annotations on the left side of the window:

- Select **WO/Task** (points to the 'WO/Task' dropdown)
- Select **Aircraft** (points to the 'Aircraft: P2-ANC' field)
- Check **Work Orders** (points to the 'Selected WOs' radio button)
- Check **Labour** (points to the checked 'Labour' checkbox)
- Click **Create Report** (points to the 'Create Report' button)



PROCESS FOR EXTRACTING MARKET HOURS

Step 4: Print Report in PDF showing Market Hours

P2-ANC C-CHECK 2020 ESTIMATED HOU... x

Air Niugini Limited

Customer: AIR NIUGINI
 Aircraft Reg: P2-ANC
 Serial # 11471

TTSN: 56359.0
 TCSN: 54826
 TLSN: 54826

WORK ORDER CONTROL REPORT (Aircraft)

Report Date: 01/06/2020 Time: 16:46:32 Page: 1

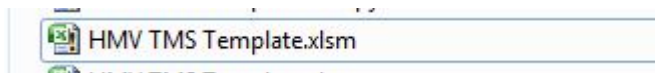
	ATA Code	Due Date	Log Ref
201048 ANC HMV 2020 SCH			
1 - Task 0500-0205 F100 5000 FH - Carry Out 5000 FH Check IAW ANG Maintenance Program Rev 9.0	05-00-00		
2 - Task 062102-00-01 Lower Part Of Fuselage - Zonal Inspection of lower part of fuselage, externally. Note: Including external side of doors. Zone: 100. Perform this in zones 120, 130, 140, 150, 160, 170, 180, 190. Effectivity: All.	06-00-00		
Task Total Regular: 0.00 OverTime: 0.00 Estimated: 1.60			
3 - Task 062104-00-01 NLG Bay - Zonal Inspection of Nose Landing Gear bay and doors. Note: Can be combined with task 062702-00-01. NLG doors to be opened. Zone 126. Effectivity: All	06-00-00		
Task Total Regular: 0.00 OverTime: 0.00 Estimated: 0.20			
4 - Task 062107-00-01 Under Cockpit Floor - Zonal Inspection of equipment cooling compartments, internally. Zone: 120. Perform this task in zones 127 and 128. Access 127AB. Effectivity: All	06-00-00		
Task Total Regular: 0.00 OverTime: 0.00 Estimated: 1.20			
5 - Task 062111-00-01 Keel / Center Section - Zonal Inspection of MLG wheel bays, strut bays, landing gear doors and hydraulic tunnel, internally. Note: Can be combined with tasks 062508-00-01, 062608-00-01 and 062701-00-01. MLG doors to be opened. Zones 185, 186, 187. Effectivity: All	06-00-00		
Task Total Regular: 0.00 OverTime: 0.00 Estimated: 1.20			
6 - Task 062118-PX-01 Areas Under Floor - Cargo, Zone 191, 192, 193, 194, 195, 196. Zonal Inspection of all hydraulic plumbings covered inside the area of the aft cargo compartment, internally, between frame 18451-20320.	06-00-00		
Task Total Regular: 0.00 OverTime: 0.00 Estimated: 1.50			
7 - Task 062201-00-01 Areas Under Floor - Zonal Inspection of upper part of fuselage, externally. Zone 200. Effectivity: All	06-00-00		
Task Total Regular: 0.00 OverTime: 0.00 Estimated: 0.30			
8 - Task 062301-00-01 Rear Fuselage - Zonal Inspection of rear fuselage, externally. Zone: 300. Perform this task in zones 310 and 320. Effectivity: All	06-00-00		
Task Total Regular: 0.00 OverTime: 0.00 Estimated: 0.60			
9 - Task 062305-00-01 APU Comp. - Zonal Inspection of areas aft of rear pressure bulkhead excluding area below APU enclosure, internal. Zone: 300. Perform this task in zones 312, 313, 314. Access 315AB. Effectivity: All	06-00-00		
Task Total Regular: 0.00 OverTime: 0.00 Estimated: 1.80			
10 - Task 062307-00-01 Vert Stab. - Zonal Inspection of vertical stabilizer, internally. (Vertical stabilizer tip excluded). Note: Open speed brakes. Zone: 300. Perform this task in zones 331, 332, 333, 334, 335, 336, 337, 338. Access: 331AT, 332AT, 332BL, 332CR, 333AT, 333BT, 333CT, 334AZ, 334BZ, 334CZ, 334DZ, 335AL, 335BL, 335CR, 335DL, 335EL, 335FR, 336AL, 336BR, 336DL, 336EL, 337AL, 337BR, 337CL, 337DL, 337ER, 337FL, 337GR, 337HR, 337JL, 337KL, 337LL, 337ML, 337NC, 337PL, 337QC, 337SL, 337TR, 329BB, 338AL, 338BR, 338CR, 338DR, 338ER, 338FR, 338GR, 338HR, 338JR. Effectivity: All	06-00-00		



PROCESS FOR EXTRACTING MARKET HOURS

The following steps can be used to extract data from WinAir in Excel.

For extracting data from WinAir to Excel, use file named HMV TMS Template.xlsm



File can be located on the Production Planning Shared drive or on the individual Planners PC.



PROCESS FOR EXTRACTING MARKET HOURS

Step 1. Open File Name “HMV TSM Template.xlsm”

Step 2. Enable Data Connection by enabling content.

Step 3. Click Sheet1 and do the following:

Sheet 1 Has the following Input Fields:

A/C Rego – Planner to enter HMV Aircraft Rego

Work Order – Planner to enter HMV Schedule Work Order Number

Click Report

	A	B	C
1	A/C Rego	p2-ant	
2	Work Order	201052	
3			
4			
5			
6			

Report



PROCESS FOR EXTRACTING MARKET HOURS

Clicking Report in Step 3 Produces the following report in Excel.

	A	B	C	D	E	F	G	H	I	J	
1	WORKNU	TA	MPD Ref	DESCR	Document Type	STAT	Markert Est Hrs	Ref No	CLOSED BY PRODUCTION	CHECKED BY PLANNING	QC
2	201052	1	0500-0205	F100 5000 FH - Carry Out 5000 FH Check IAW ANG Maintenance Program Rev 9.0	WinAir	I/P	0	201052-1			
3	201052	2	062102-00-01	Lower Part Of Fuselage - Zonal Inspection of lower part of fuselage, externally. Note: Including external side of doors.Zone: 100. Perform this in zones 120, 130, 140, 150, 160, 170, 180, 190. Effectivity: All.	WinAir	I/P	7.2	201052-2			
4	201052	3	062104-00-01	NLG Bay - Zonal Inspection of Nose Landing Gear bay and doors. Note: Can be combined with task 062702-00-01. NLG doors to be opened. Zone 126. Effectivity: All	WinAir	I/P	0.9	201052-3			
5	201052	4	062107-00-01	Under Cockpit Floor - Zonal Inspection of equipment cooling compartments, internally. Zone: 120. Perform this task in zones 127 and 128. Access 127AB. Effectivity: All	WinAir	I/P	5.4	201052-4			
6	201052	5	062111-00-01	Keel / Center Section - Zonal Inspection of MLG wheel bays, strut bays, landing gear doors and hydraulic tunnel, internally. Note: Can be combined with tasks 062508-00-01, 062608-00-01 and 062701-00-01. MLG doors to be opened. Zones 185, 186, 187. Effectivity: All	WinAir	I/P	5.4	201052-5			
7	201052	6	062118-PX-01	Areas Under Floor – Cargo, Zone 191, 192, 193, 194, 195, 196. Zonal Inspection of all hydraulic plumbings covered inside the area of the aft cargo compartment, internally, between frame 18451-20320.	WinAir	I/P	6.75	201052-6			
8	201052	7	062201-00-01	Areas Under Floor - Zonal Inspection of upper part of fuselage, externally. Zone 200. Effectivity: All	WinAir	I/P	1.35	201052-7			
9	201052	8	062206-00-01	Passenger Compt: Zonal Inspection of Avionics Rack Above Floor, Internally (EZAP). Note: Remove Access Panels of Avionics Rack. Zone 270. Ref: AMM 05-22-00-210-856, Effectivity: Mk0070	WinAir	I/P	4.5	201052-8			
10	201052	9	062301-00-01	Rear Fuselage - Zonal Inspection of rear fuselage, externally. Zone: 300. Perform this task in zones 310 and 320. Effectivity: All	WinAir	I/P	2.7	201052-9			
11	201052	10	062305-00-01	APU Compt. - Zonal Inspection of areas aft of rear pressure bulkhead excluding area below APU enclosure, internal. Zone: 300. Perform this task in zones 312, 313, 314. Access 315AB. Effectivity: All	WinAir	I/P	8.1	201052-10			



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Step 4. Copy extracted data to populate file *P2-____ HMV TSM Working.xlsx* Located on the Production Planning Shared drive or on the individual Planners PC.

On the file *P2-____ HMV TSM Working.xlsx*, the planner can do the following:

- Use the extracted Estimate Market Hours to calculate estimated hours required for the C-Check for Manhour planning.
- Use the extracted Estimate Market Hours to calculate completion rate.

