



Our Wings Carry Your Dreams

The Maintenance Release

Contents

Introduction	2
Hours/Time to next 100-hour inspection.....	2
Hours/Time to next 50 hour inspection	2
Part 1	3
Part 2	4
Part 3	5
Reference Material	5

Introduction

The Maintenance Release (the 'MR') is a critical and legal document that is used to track scheduled maintenance of the aircraft, as well as any unscheduled issues or endorsements. It is required to be signed before the first flight of each day, and inspected before each and every flight.

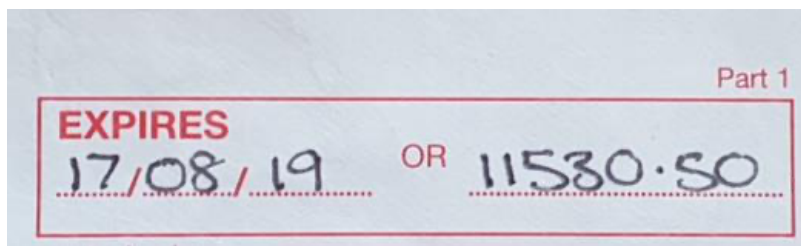
After the final flight of the day, the MR needs to be 'closed' for the day before it can be signed for the next day of use.

Only licenced pilots can sign an MR. Your instructor will show you the MR and sign it.

Hours/Time to next 100-hour inspection

A new MR is issued after every 100-hour inspection. Each new MR will therefore indicate the hours and date (whichever is reached first) that the next 100-hour inspection is due. The 100 hourly inspection and required maintenance work must be done no later than the 100-hour milestone or the expiry date.

This is listed in the EXPIRES box in the top right corner of Part 1 of the MR. See Below



Hours/Time to next 50 hour inspection

Most aircraft also require a 50 hour inspection where the major requirement is an oil change.

The usual requirement is for the oil change to be done within +/- 5 hours of the 50 hours milestone.

If the oil change is performed at say 54 hours the 100 hourly is still due at 100 hours since the issue of the MR.

If the oil change is done at say 47 hours the oil change is still due at 100 hours. This arrangement provides some flexibility for scheduling of flights and maintenance tasks. Note for the +/- 5 hours to apply it must be written on the MR.

There is also an expiry date which will apply if the aircraft has not been flown very often since the last 100 hourly inspection irrespective of whether 50 hours has passed.

Part 1

Part 1 of The MR lists the Aircraft Type and Registration (VH-xxx), as well as details about the aircrafts registration and category. It also lists the MR Expiry date/time as detailed in the previous heading.

Australian Government
Civil Aviation Safety Authority

Maintenance Release A 212812

Aircraft Type PA28-161 VH- P2G

This Maintenance Release has been issued by virtue of Regulation 43(7) (a) of the Civil Aviation Regulations and except where it ceases to be in force by virtue of Regulation 45 or Regulation 47 of the Civil Aviation Regulations shall remain in force until the expiry date or aircraft time in service shown **whichever is the earlier.**

Expires 17/08/19 OR 11530.50

Issued by CLARKE & HENNESSY AP NO# 2305 Aircraft total time in service at issue 11430.50 Time 1300 Date 17/08/18 Place BANKSWAN

Signed [Signature] A.M.E. licence/authority no. 576026 ☒ IFR ☐ VFR Night ☐ VFR Day Operational Category AERIAL WORK

Maintenance requirements - The following maintenance, in addition to daily inspections, is required to be carried out on the aircraft during the period for which this Maintenance Release is expressed to remain in force, in order to comply with requirements or conditions imposed under the Civil Aviation Regulations.

Schedules/System of Maintenance applicable to this aircraft: CA2 8CH5

Item no.	Maintenance required	Due at date/ Aircraft TTIS	Complied with, entered & certified in Log Book or Part 2 of MR	Date
1.	50 Hourly Oil & Filter Change	11430.50	REFER PT 2 OF MR	17/12/18
	1/10% OR AMTHS.			

Listed in Part 1 of the MR will be scheduled maintenance for the aircraft, the most prominent of which will be the 50 Hourly Oil and Filter Change.

Each item on the list will be numbered and will indicate when the item is due and will be signed off and dated when the item is complied with.

Part 2

Part 2 of The MR is found on the same page and below Part 1. The left-hand side of Part 1 will list any endorsements placed on the aircraft, conditions or maintenance issues.

It will also have the signature licence number of the person who placed the endorsement and date it was placed. Each Endorsement will be numbered

[illegible]

The right-hand side of Part 2 will show where the endorsement has been cleared.

Each Clearing Endorsement will be numbered to match a corresponding endorsement in on the left-hand side of Part 2.

Part 3

Part 3 of The MR is found on the opposite side to Parts 1 and 2, and covers this entire side of The MR.

Part 3 refers to the Daily Inspection performed for each day of use for the aircraft and tracks the Aircraft time-in-service.

DAILY INSPECTION CERTIFICATIONS AND AIRCRAFT TIME-IN-SERVICE													Part 3					
Date	Daily Inspection Certification		Aircraft Time in Service				Cycle Totals, e.g. Landing/Start Pressurisation		Date	Daily Inspection Certification		Aircraft Time in Service				Cycle Totals, e.g. Landing/Start Pressurisation		
	(Pilot, LAME, MA)	Signature	Licence no.	Flight Time		Progressive Total	L	Min		Hrs	Min	Hrs	Min	L	Min	Hrs	Min	
				Hrs	Min													Hrs
Brought Forward:														Brought Forward:				
27/8	AA	525251	2	6	11432	6				28/11	AA	788293	1	9	11485	8		
30/8	AA	525251	1	6	11434	7				29/11	AA	788293	1	4	11487	2		
1/9	AA	794870	0	8	11435	0				27/11	AA	794870	0	9	11488	1		
9/9	AA	525251	3	0	11438	0				8/12	AA	825251	2	4	11490	5		
16/9	AA	765810	3	8	11438	8				8/12	AA	825251	3	7	11494	2		
21/9	AA	825251	0	7	11439	5				9/12	AA	825251	2	6	11496	8		
20/9	AA		1	4	11440	9				10/12	AA	825251	2	6	11497	4		
21/10	AA	765232	3	2	11444	1				11/12	AA	788293	1	4	11500	8		
22/10	AA	765232	3	4	11447	5				16/12	AA	765810	2	4	11505	4		
23/10	AA	765232	5	4	11452	6				23/12	AA	788293	1	3	11506	9		
25/10	AA	765232	1	7	11454	3				24/12	AA	765810	2	5	11509	7		
26/10	AA	765232	4	5	11458	8				27/12	AA	765810	0	8	11500	2		
27/10	AA	765232	5	8	11464	6				30/12	AA	810242	1	8	11508	8		
13/10	AA	765810	0	9	11465	5				02/01	AA	765810	1	4	11511	2		
10/11	AA	765810	2	8	11468	3				5/1	AA	825251	1	1	11512	3		
11/11	AA	765810	2	4	11470	7				2/1	AA	825251	1	7	11514	2		
14/11	AA	788293	1	6	11472	3												
15/11	AA	825251	2	7	11475	0												
17/11	AA	788293	1	7	11476	7												
18/11	AA	825251	2	8	11477	5												
29/11	AA	825251	3	0	11482	5												
29/11	AA	825251	1	4	11483	9												

A signature in Part 3 of this Maintenance Release certifying for the completion of maintenance shall constitute a certification required by Civil Aviation Regulation 422E

This is the section of the MR that is required to be signed and dated before the first flight of each day and closed by totalling the hours for each day of usage.

Reference Material

CASA CAAP 43-1

CASA Maintenance Guide for Pilots - 2015

