PERTH MAINTENANCE CONTROL OFFICE

WORK PACKAGE INSTRUCTIONS

AIRCRAFT TYPE: …CESSNA 208…… **VH – OPH** **DATE:** …5-Nov-13…...

INSPECTION: … Interval Inspections …**MC NUMBER:** ……MC2013-1599….

ORGANISATION: …Aero Jacks Pty Ltd……..

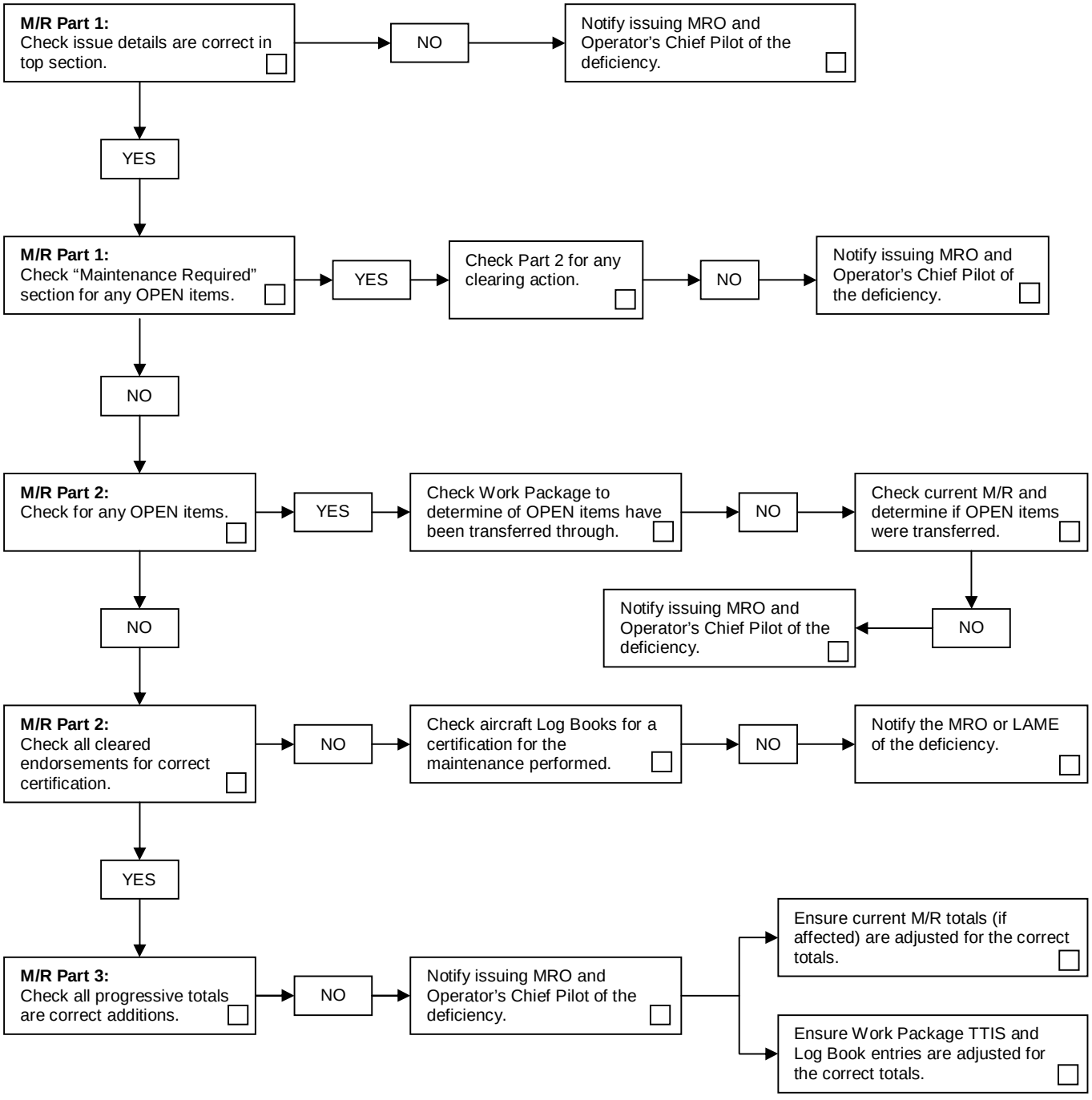
No	Instruction
1	Transfer any open endorsements from current Maintenance Release to Worksheets.
2	Complete the Inspections and events listed in Work Package – certify.
3	Complete the OSIP Inspections and events listed in Work Package. Strike through items on Form 090 attached to Maintenance Release
4	Post immediately to: **NOTE - CHANGE OF ADDRESS** ***Mail ONLY:*** Avtrac WA Pty Ltd P.O.Box 568 Belmont WA 6984 ***Consigned Freight ONLY (No mail):*** Avtrac WA Pty Ltd Unit 2, 61 Belmont Avenue, Belmont WA 6104

Paul Carey

Mobile: 0418 959 892

EXPIRED MAINTENANCE RELEASE ASSESSMENT PROCEDURE

VH-	Job No:	M/R No:	MRO:



Assessed by:	Date:	Sig:

AVTRAC MAINTENANCE TRACKING

Aero Jacks Pty Ltd

FORM 100 WORKSHEET

AIRCRAFT TYPE: 208 **REGISTRATION:** VH - OPH

INSPECTION: M/R Inspections - **MC No** MC2013-1599 **SERIAL No:** 0157

JOB No: _____ **VDO*:** _____ **LDGS:** _____ **TTIS:** _____

JOB CO - ORDINATOR: _____ **Lic No:** _____ **DATE:** _____

ITEM	WORK REQUIRED / DEFECT	COMPLIANCE / RECTIFICATION	COMPONENT CHANGES	LAME Sig / Lic
1 Eng	**Maintenance Release** Action: Replace CASA S/N A082440 Photocopy issued Maintenance Release and include in Work Package.		**PART No OFF:** **S/No OFF:** **PART No ON:** **S/No ON:** **R/N No:**	 **AME:**
2 Eng	**ELT Functional Test** IRN E-1 Action: Test P/N 453-6603 S/N 197-11648 Can be performed and certified by an Airframe Category licence.		**PART No OFF:** **S/No OFF:** **PART No ON:** **S/No ON:** **R/N No:**	 **AME:**
3 Eng Eng1	**Propeller Governor** IRN Action: Overhaul 3035926 12226116 Cessna 208 Component Time Limits (2) (I) (2)		**PART No OFF:** **S/No OFF:** **PART No ON:** **S/No ON:** **R/N No:**	 **AME:**
4 Eng Eng1	**Fuel Pump Vickers** IRN Action: Overhaul 3034792 0406		**PART No OFF:** **S/No OFF:** **PART No ON:** **S/No ON:** **R/N No:**	 **AME:**

I HEREBY CERTIFY THAT ALL WORK DETAILED HAS BEEN COMPLETED AND CERTIFIED FOR IN ACCORDANCE WITH THE REQUIREMENTS OF APPLICABLE MANUALS AND SCHEDULES. THIS SIGNATURE CONSTITUTES A CERTIFICATION PURSUANT TO CAR 42ZE.

[* HEATER, APU, AIR CYCLE MACHINE VDO HOURS] **JOB CO-ORDINATOR: LAME SIGNATURE:** _____ **LIC No:** _____ **Date:** _____

AVTRAC MAINTENANCE TRACKING

Aero Jacks Pty Ltd

FORM 100 WORKSHEET

AIRCRAFT TYPE: 208 **REGISTRATION:** VH - OPH

INSPECTION: M/R Inspections - **MC No** MC2013-1599 **SERIAL No:** 0157

JOB No: _____ **VDO*:** _____ **LDGS:** _____ **TTIS:** _____

JOB CO - ORDINATOR: _____ **Lic No:** _____ **DATE:** _____

ITEM	WORK REQUIRED / DEFECT	COMPLIANCE / RECTIFICATION	COMPONENT CHANGES	LAME Sig / Lic
5 Eng Eng1	**Fuel Control Unit** IRN Action: Overhaul 3244897-4 C65311		**PART No OFF:** **S/No OFF:** **PART No ON:** **S/No ON:** **R/N No:**	**AME:**
6 Eng Eng1	**Oil to Fuel Heater** IRN Action: Overhaul 3032710 WA13250		**PART No OFF:** **S/No OFF:** **PART No ON:** **S/No ON:** **R/N No:**	**AME:**
7 Eng Eng1	**Ignition Regulator** IRN Action: Overhaul 3035889 NN99317395		**PART No OFF:** **S/No OFF:** **PART No ON:** **S/No ON:** **R/N No:**	**AME:**
8 Eng Eng1	**Comp Bleed Valve** IRN Action: Overhaul 3049038-02 GA025		**PART No OFF:** **S/No OFF:** **PART No ON:** **S/No ON:** **R/N No:**	**AME:**

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[* HEATER, APU, AIR CYCLE MACHINE VDO HOURS] **JOB CO-ORDINATOR: LAME SIGNATURE:** _____ **LIC No:** _____ **Date:** _____

AVTRAC MAINTENANCE TRACKING

Aero Jacks Pty Ltd

FORM 100 WORKSHEET

AIRCRAFT TYPE: 208 **REGISTRATION:** VH - OPH

INSPECTION: M/R Inspections - **MC No** MC2013-1599 **SERIAL No:** 0157

JOB No: _____ **VDO*:** _____ **LDGS:** _____ **TTIS:** _____

JOB CO - ORDINATOR: _____ **Lic No:** _____ **DATE:** _____

ITEM	WORK REQUIRED / DEFECT	COMPLIANCE / RECTIFICATION	COMPONENT CHANGES	LAME Sig / Lic
9 Eng Eng1	**Flow Divider** IRN Action: Overhaul 3019906 20027		**PART No OFF:** **S/No OFF:** **PART No ON:** **S/No ON:** **R/N No:**	**AME:**
10 Eng Eng1	**Engine Insp** IRN B-3 Action: Carry Out PT6 Health Check Run P & W MM Use Form 009		**PART No OFF:** **S/No OFF:** **PART No ON:** **S/No ON:** **R/N No:**	**AME:**
11 Eng Eng1	**Engine Oil** IRN B-1 Action: Replace AD/Eng/5 amd 8 Appendix A (7)		**PART No OFF:** **S/No OFF:** **PART No ON:** **S/No ON:** **R/N No:**	**AME:**
12 Eng	**Power Recovery Wash** IRN B-4 Action: Carry Out Catalina Airlines Pty Ltd C208 SOM		**PART No OFF:** **S/No OFF:** **PART No ON:** **S/No ON:** **R/N No:**	**AME:**

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[* HEATER, APU, AIR CYCLE MACHINE VDO HOURS] **JOB CO-ORDINATOR: LAME SIGNATURE:** _____ **LIC No:** _____ **Date:** _____

AVTRAC MAINTENANCE TRACKING

Aero Jacks Pty Ltd

FORM 100 WORKSHEET

AIRCRAFT TYPE: 208 **REGISTRATION:** VH - OPH

INSPECTION: M/R Inspections - **MC No** MC2013-1599 **SERIAL No:** 0157

JOB No: _____ **VDO*:** _____ **LDGS:** _____ **TTIS:** _____

JOB CO - ORDINATOR: _____ **Lic No:** _____ **DATE:** _____

ITEM	WORK REQUIRED / DEFECT	COMPLIANCE / RECTIFICATION	COMPONENT CHANGES	LAME Sig / Lic
13 Eng Eng1	**Engine Chip Detector** IRN B-11 Action: Carry Out AD/ENG/5 amd 8 Appendix A (6)		**PART No OFF:** **S/No OFF:** **PART No ON:** **S/No ON:** **R/N No:**	**AME:**
14 Eng	**VFR/IFR Radio Periodic Inspection** Action: Inspect Chapter 4 Catalina Airlines Pty Ltd SOM		**PART No OFF:** **S/No OFF:** **PART No ON:** **S/No ON:** **R/N No:**	**AME:**
15 Eng Eng1	**1st Stage Compressor** IRN B-10 Action: Inspect AD/Eng/5 amd 8 Appendix A (8)		**PART No OFF:** **S/No OFF:** **PART No ON:** **S/No ON:** **R/N No:**	**AME:**
16 Eng Eng1	**Engine Oil Filter** IRN B-12 Action: Service AD/Eng/5 amd 8 Appendix A (5)		**PART No OFF:** **S/No OFF:** **PART No ON:** **S/No ON:** **R/N No:**	**AME:**

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[* HEATER, APU, AIR CYCLE MACHINE VDO HOURS] **JOB CO-ORDINATOR: LAME SIGNATURE:** _____ **LIC No:** _____ **Date:** _____

AVTRAC MAINTENANCE TRACKING

Aero Jacks Pty Ltd

FORM 100 WORKSHEET

AIRCRAFT TYPE: 208 **REGISTRATION:** VH - OPH

INSPECTION: M/R Inspections - **MC No** MC2013-1599 **SERIAL No:** 0157

JOB No: _____ **VDO*:** _____ **LDGS:** _____ **TTIS:** _____

JOB CO - ORDINATOR: _____ **Lic No:** _____ **DATE:** _____

ITEM	WORK REQUIRED / DEFECT	COMPLIANCE / RECTIFICATION	COMPONENT CHANGES	LAME Sig / Lic
17 Eng Eng1	**Fuel Pump Outlet** Action: Replace Filter P/N 3033355 Cessna MM		**PART No OFF:** **S/No OFF:** **PART No ON:** **S/No ON:** **R/N No:**	**AME:**
18 Eng	**Hand Held Cockpit Fwd** Action: Reweigh Avtrac Form 010 Use Form 010		**PART No OFF:** **S/No OFF:** **PART No ON:** **S/No ON:** **R/N No:**	**AME:**
19 Eng	**Life Jackets** Action: Inspect Date inspection Repetitive 100 Inspection Check for expire date on each jacket, packet is sealed.		**PART No OFF:** **S/No OFF:** **PART No ON:** **S/No ON:** **R/N No:**	**AME:**
20 Eng	**Daily Inspection** Action: Inspect Pilots Operating Handbook Section 4		**PART No OFF:** **S/No OFF:** **PART No ON:** **S/No ON:** **R/N No:**	**AME:**

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[* HEATER, APU, AIR CYCLE MACHINE VDO HOURS] **JOB CO-ORDINATOR: LAME SIGNATURE:** _____ **LIC No:** _____ **Date:** _____

AVTRAC MAINTENANCE TRACKING

Aero Jacks Pty Ltd

FORM 100 WORKSHEET

AIRCRAFT TYPE: 208 **REGISTRATION:** VH - OPH

INSPECTION: M/R Inspections - **MC No** MC2013-1599 **SERIAL No:** 0157

JOB No: _____ **VDO*:** _____ **LDGS:** _____ **TTIS:** _____

JOB CO - ORDINATOR: _____ **Lic No:** _____ **DATE:** _____

ITEM	WORK REQUIRED / DEFECT	COMPLIANCE / RECTIFICATION	COMPONENT CHANGES	LAME Sig / Lic
21 Eng Eng1	**Engine** IRN B-2 Action: Inspect Vibration Isolator Mounts Inspect for general condition, deterioation and sagging.		**PART No OFF:** **S/No OFF:** **PART No ON:** **S/No ON:** **R/N No:**	**AME:**
22 Eng	**Aileron Trim** Action: Service Actuator P/N 2661615-1 Disassemble, inspect and lubricate.		**PART No OFF:** **S/No OFF:** **PART No ON:** **S/No ON:** **R/N No:**	**AME:**
23 Eng	**100 Hour Inspection** A6 Action: Inspect Float Inspection Wipline 8000 SM Wipline Model 8000 Service Manual “Inspection and Time Limits”		**PART No OFF:** **S/No OFF:** **PART No ON:** **S/No ON:** **R/N No:**	**AME:**
24 Eng	**200 Hour Inspection** A7 Action: Inspect Float Inspection Wipline 8000 SM Wipline Model 8000 Service Manual “Inspection and Time Limits”		**PART No OFF:** **S/No OFF:** **PART No ON:** **S/No ON:** **R/N No:**	**AME:**

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[* HEATER, APU, AIR CYCLE MACHINE VDO HOURS] **JOB CO-ORDINATOR: LAME SIGNATURE:** _____ **LIC No:** _____ **Date:** _____

AVTRAC MAINTENANCE TRACKING

Aero Jacks Pty Ltd

FORM 100 WORKSHEET

AIRCRAFT TYPE: 208 **REGISTRATION:** VH - OPH

INSPECTION: M/R Inspections - **MC No** MC2013-1599 **SERIAL No:** 0157

JOB No: _____ **VDO*:** _____ **LDGS:** _____ **TTIS:** _____

JOB CO - ORDINATOR: _____ **Lic No:** _____ **DATE:** _____

ITEM	WORK REQUIRED / DEFECT	COMPLIANCE / RECTIFICATION	COMPONENT CHANGES	LAME Sig / Lic
25 Eng ☐	**25 Hour Inspection** A5 Action: Inspect Float Inspection Wipline 8000 SM Wipline Model 8000 Service Manual "Inspection and Time Limits"		**PART No OFF:** **S/No OFF:** **PART No ON:** **S/No ON:** **R/N No:**	**AME:**
26 Eng ☐	**Annual Inspection** 5-15-OA Action: Inspect Intervsl OA Cessna CIP		**PART No OFF:** **S/No OFF:** **PART No ON:** **S/No ON:** **R/N No:**	**AME:**
27 Eng ☐	**Table 601** Action: Inspect Pratt & Whitney PT6A-114A MM Photocopy issued Maintenance Release and include in Work Package.		**PART No OFF:** **S/No OFF:** **PART No ON:** **S/No ON:** **R/N No:**	**AME:**
28 Eng ☐	**12 Month Inspection** 5-15-01 Action: Inspect Interval 1C Inspection Cessna CIP		**PART No OFF:** **S/No OFF:** **PART No ON:** **S/No ON:** **R/N No:**	**AME:**

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[* HEATER, APU, AIR CYCLE MACHINE VDO HOURS] **JOB CO-ORDINATOR: LAME SIGNATURE:** _____ **LIC No:** _____ **Date:** _____

AVTRAC MAINTENANCE TRACKING

Aero Jacks Pty Ltd

FORM 100 WORKSHEET

AIRCRAFT TYPE: 208 **REGISTRATION:** VH - OPH

INSPECTION: M/R Inspections - **MC No** MC2013-1599 **SERIAL No:** 0157

JOB No: _____ **VDO*:** _____ **LDGS:** _____ **TTIS:** _____

JOB CO - ORDINATOR: _____ **Lic No:** _____ **DATE:** _____

ITEM	WORK REQUIRED / DEFECT	COMPLIANCE / RECTIFICATION	COMPONENT CHANGES	LAME Sig / Lic
29 Eng ☐	**24 Month Inspection** 5-15-02 Action: Inspect Interval 2C Inspection Cessna CIP		**PART No OFF:** **S/No OFF:** **PART No ON:** **S/No ON:** **R/N No:**	**AME:**
30 Eng ☐	**200hr - 12 month Inspection** 5-15-06 Action: Inspect Interval 200hrs/1C Inspection Cessna CIP		**PART No OFF:** **S/No OFF:** **PART No ON:** **S/No ON:** **R/N No:**	**AME:**
31 Eng ☐	**800hr - 24 month Inspection** 5-15-10 Action: Inspect Interval 2A/2C Inspection Cessna CIP		**PART No OFF:** **S/No OFF:** **PART No ON:** **S/No ON:** **R/N No:**	**AME:**
32 Eng ☐	**1,600hr - 24 month Inspection** 5-15-11 Action: Inspect Interval 4A/2C Inspection Cessna CIP		**PART No OFF:** **S/No OFF:** **PART No ON:** **S/No ON:** **R/N No:**	**AME:**

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[* HEATER, APU, AIR CYCLE MACHINE VDO HOURS]

JOB CO-ORDINATOR: LAME SIGNATURE: _____ **LIC No:** _____ **Date:** _____

AVTRAC MAINTENANCE TRACKING

Aero Jacks Pty Ltd

FORM 100 WORKSHEET

AIRCRAFT TYPE: 208 **REGISTRATION:** VH - OPH

INSPECTION: M/R Inspections - **MC No** MC2013-1599 **SERIAL No:** 0157

JOB No: _____ **VDO*:** _____ **LDGS:** _____ **TTIS:** _____

JOB CO - ORDINATOR: _____ **Lic No:** _____ **DATE:** _____

ITEM	WORK REQUIRED / DEFECT	COMPLIANCE / RECTIFICATION	COMPONENT CHANGES	LAME Sig / Lic
33 Eng ☐	**Main Battery** 1.9 Action: Carry Out Electrolyte Check Catalina Airlines Pty Ltd SOM		**PART No OFF:** **S/No OFF:** **PART No ON:** **S/No ON:** **R/N No:**	**AME:**
34 Eng ☐	**Relief Valve Air Filter** Action: Replace Vacuum System C482001-0202		**PART No OFF:** **S/No OFF:** **PART No ON:** **S/No ON:** **R/N No:**	**AME:**
35 Eng ☐	**Hand Held Cabin Fwd** Action: Reweigh Avtrac Form 010		**PART No OFF:** **S/No OFF:** **PART No ON:** **S/No ON:** **R/N No:**	**AME:**
36 Eng ☐	**ELT** 5-15-20 Action: Inspect 14CFR 91.207 Functional Check		**PART No OFF:** **S/No OFF:** **PART No ON:** **S/No ON:** **R/N No:**	**AME:**

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[* HEATER, APU, AIR CYCLE MACHINE VDO HOURS] **JOB CO-ORDINATOR: LAME SIGNATURE:** _____ **LIC No:** _____ **Date:** _____

INSPECTION DOCUMENT 0A

Date: _____

Registration Number: _____

Serial Number: _____

Total Time: _____

1. Description

A. Inspection Document 0A gives a list of item(s), which are completed during the Annual inspection interval.

B. Inspection items are given in the sequence of the zone in which the inspection is completed. A description of the inspection, as well as the Item Code Number are supplied for cross-reference to section 5-10-01. Frequently, tasks give more information about each inspection. These tasks are found in the individual chapters of this manual.

C. The right portion of each page gives space for the mechanic's and inspector's initials and remarks. You can use copies of these pages as a checklist while you complete the tasks in this Inspection Document.

2. General Inspection Criteria

A. As you complete each of the inspection tasks in this Inspection Document, examine the adjacent area while access is available to find conditions that need more maintenance.

B. If it is necessary to replace a component or to make a change to a system while you complete a task, do the task again before the system or component is returned to service.

C. Inspection Kits are available for some Inspection Documents. They supply consumable materials used to complete the inspection item(s) given for the interval. Refer to the Model 208 Illustrated Parts Catalog, Introduction, Service Kit List to find applicable part numbers.

ITEM CODE NUMBER	TASK	ZONE	MECH	IN-SP	REMARKS
A052001	Aircraft Records Check Task 5-20-01-280	ALL			
A110001	Interior and Exterior Placard and Decal Detailed Inspection Task 11-00-00-220	ALL			
D121001	Brake System Servicing Task 12-10-01-610	121			
D121003	Shimmy Damper Servicing Task 12-10-01-611	710			
C122101	Landing Gear Lubrication Task 12-21-03-640	700			
C122103	Hartzell Propeller Lubrication Task 12-21-04-640	110			

ITEM CODE NUMBER	TASK	ZONE	MECH	IN-SP	REMARKS
B212401	Avionics Cooling Fan Operational Check Task 21-24-00-710	211 212			
B221203	Garmin Autopilot (GFC 700) Slip Clutch Override Operational Check Task 22-12-00-710	226 232			
B255201	Cargo Pod Drains Operational Check Task 25-52-00-710	901 902 903 904 905 906			
C270001	Flight Controls Lubrication Task 27-00-00-640	215 216 226 373 374 503 525 603 625			
B273101	Stall Warning System Operational Check Task 27-31-00-710	211 212 503			
C275001	Flap Tracks and Rollers Lubrication Task 27-50-00-640	525 527 625 627			
A281001	Fuel Filler Assembly Detailed Inspection Task 28-10-01-220	521 621			
B284101	Fuel Reservoir Warning System Operational Check Task 28-41-00-710	ENG			
B313101	Flight Data Recorder System Functional Check Task 31-31-00-720	312			
B322001	Shimmy Damper Functional Check Task 32-20-02-720	710			
A353001	Portable Oxygen Mask Detailed Inspection Task 35-30-00-220	256			
B761003	Emergency Power Lever Annunciator Light (EPL) Operational Check Task 76-10-01-710	AUX			
	*** End of Inspection Document 0A Inspection Items ***				

INSPECTION DOCUMENT 01

Date: _____

Registration Number: _____

Serial Number: _____

Total Time: _____

1. Description

A. Inspection Document 01 gives a list of item(s), which are completed at every 12 calendar months.

B. Inspection items are given in the sequence of the zone in which the inspection is completed. A description of the inspection, as well as the Item Code Number are supplied for cross-reference to section 5-10-01. Frequently, tasks give more information about each inspection. These tasks are found in the individual chapters of this manual.

C. The right portion of each page gives space for the mechanic's and inspector's initials and remarks. You can use copies of these pages as a checklist while you complete the tasks in this Inspection Document.

2. General Inspection Criteria

A. As you complete each of the inspection tasks in this Inspection Document, examine the adjacent area while access is available to find conditions that need more maintenance.

B. If it is necessary to replace a component or to make a change to a system while you complete a task, do the task again before the system or component is returned to service.

C. Inspection Kits are available for some Inspection Documents. They supply consumable materials used to complete the inspection item(s) given for the interval. Refer to the Model 208 Illustrated Parts Catalog, Introduction, Service Kit List to find applicable part numbers.

ITEM CODE NUMBER	TASK	ZONE	MECH	IN-SP	REMARKS
A251000	Smoke Goggle General Visual Inspection Task 25-10-00-210	801 802			
B262001	Portable Fire Extinguisher Functional Check (Weight Check) Task 26-20-00-720	215 216 251 252			
B272003	Rudder System Functional Check (Float Kit Installation) Task 27-20-00-721	211 212 213 214 217 218 233 234 253 254 257 258 311 312 320 341			
B301102	Inboard TKS Wing Panel Pressurization Functional Check Task 30-11-00-721	501, 601, AUX			

ITEM CODE NUMBER	TASK	ZONE	MECH	IN-SP	REMARKS
A321001	Main Landing Gear Detailed Inspection Task 32-10-00-220	721 722			
A324001	Brakes Detailed Inspection Task 32-40-00-220	721 722			
A324005	Main Landing Gear Wheels and Tires Detailed Inspection Task 32-40-00-222	721 722			
A324009	Nose Landing Gear Wheel and Tire Detailed Inspection Task 32-40-00-224	710			
B342101	Magnetic Compass Functional Check Task 34-21-00-720	ENG			
B350101	Oxygen System Operational Check Task 35-01-00-710	231 232 251 252 255 256 311 312 801 802			
A714101	Engine Wash Ring, Air Plenum, and Thermocouple (T1) Detailed Inspection Task 71-41-00-220	130			
	*** End of Inspection Document 01 Inspection Items ***				

INSPECTION DOCUMENT 02

Date: _____

Registration Number: _____

Serial Number: _____

Total Time: _____

1. Description

A. Inspection Document 02 gives a list of item(s), which are completed at every 24 calendar months.

B. Inspection items are given in the sequence of the zone in which the inspection is completed. A description of the inspection, as well as the Item Code Number are supplied for cross-reference to section 5-10-01. Frequently, tasks give more information about each inspection. These tasks are found in the individual chapters of this manual.

C. The right portion of each page gives space for the mechanic's and inspector's initials and remarks. You can use copies of these pages as a checklist while you complete the tasks in this Inspection Document.

2. General Inspection Criteria

A. As you complete each of the inspection tasks in this Inspection Document, examine the adjacent area while access is available to find conditions that need more maintenance.

B. If it is necessary to replace a component or to make a change to a system while you complete a task, do the task again before the system or component is returned to service.

C. Inspection Kits are available for some Inspection Documents. They supply consumable materials used to complete the inspection item(s) given for the interval. Refer to the Model 208 Illustrated Parts Catalog, Introduction, Service Kit List to find applicable part numbers.

ITEM CODE NUMBER	TASK	ZONE	MECH	IN-SP	REMARKS
B560001	Functional Check of the Windshield Task 56-00-01-720	240			
A710001	Engine Compartment Zonal Inspection Task 71-00-01-210	130			
	*** End of Inspection Document 02 Inspection Items ***				

INSPECTION DOCUMENT 06

Date: _____

Registration Number: _____

Serial Number: _____

Total Time: _____

1. Description

A. Inspection Document 06 gives a list of item(s), which are completed at every 200 Hours or 12 calendar months, whichever occurs first.

B. Inspection items are given in the sequence of the zone in which the inspection is completed. A description of the inspection, as well as the Item Code Number are supplied for cross-reference to section 5-10-01. Frequently, tasks give more information about each inspection. These tasks are found in the individual chapters of this manual.

C. The right portion of each page gives space for the mechanic's and inspector's initials and remarks. You can use copies of these pages as a checklist while you complete the tasks in this Inspection Document.

2. General Inspection Criteria

A. As you complete each of the inspection tasks in this Inspection Document, examine the adjacent area while access is available to find conditions that need more maintenance.

B. If it is necessary to replace a component or to make a change to a system while you complete a task, do the task again before the system or component is returned to service.

C. Inspection Kits are available for some Inspection Documents. They supply consumable materials used to complete the inspection item(s) given for the interval. Refer to the Model 208 Illustrated Parts Catalog, Introduction, Service Kit List to find applicable part numbers.

ITEM CODE NUMBER	TASK	ZONE	MECH	IN-SP	REMARKS
B236001	Static Discharge System Functional Check Task 23-60-00-720	343 375 376 571 671			
B243401	Marathon Ni-Cad Battery Functional Check (Capacity Check) Task 24-34-00-720	122			
A255101	Cargo Nets Detailed Inspection Task 25-51-00-220	251 252 255 256 257 258			
B281001	Fuel Vent Line Float Valve Operational Check Task 28-10-03-710	575 675			

ITEM CODE NUMBER	TASK	ZONE	MECH	IN-SP	REMARKS
B301003	Bleed Air Pressure Regulator Functional Check (without TKS and not incorporating CAB93-2) Task 30-10-00-720	122 AUX			
B341101	Pitot Tube Heaters Operational Check Task 34-11-00-710	AUX			
	*** End of Inspection Document 06 Inspection Items ***				

INSPECTION DOCUMENT 10

Date: _____

Registration Number: _____

Serial Number: _____

Total Time: _____

1. Description

A. Inspection Document 10 gives a list of item(s), which are completed at every 800 Hours or 24 calendar months, whichever occurs first.

B. Inspection items are given in the sequence of the zone in which the inspection is completed. A description of the inspection, as well as the Item Code Number are supplied for cross-reference to section 5-10-01. Frequently, tasks give more information about each inspection. These tasks are found in the individual chapters of this manual.

C. The right portion of each page gives space for the mechanic's and inspector's initials and remarks. You can use copies of these pages as a checklist while you complete the tasks in this Inspection Document.

2. General Inspection Criteria

A. As you complete each of the inspection tasks in this Inspection Document, examine the adjacent area while access is available to find conditions that need more maintenance.

B. If it is necessary to replace a component or to make a change to a system while you complete a task, do the task again before the system or component is returned to service.

C. Inspection Kits are available for some Inspection Documents. They supply consumable materials used to complete the inspection item(s) given for the interval. Refer to the Model 208 Illustrated Parts Catalog, Introduction, Service Kit List to find applicable part numbers.

ITEM CODE NUMBER	TASK	ZONE	MECH	IN-SP	REMARKS
C221201	Autopilot Servos Lubrication Task 22-12-00-640	226 232			
A245001	Power Distribution Boxes Detailed Inspection Task 24-50-00-220	121 122			
A251001	Crew Seats Detailed Inspection Task 25-10-00-220	231 232			
A251003	Passenger Seats Detailed Inspection Task 25-21-00-220	231 232			

ITEM CODE NUMBER	TASK	ZONE	MECH	IN-SP	REMARKS
B271001	Spoiler System Functional Check Task 27-10-00-720	211 212 217 218 233 234 253 254 251 252 503 525 603 625			
C271003	Aileron Trim Tab Actuator (2660044-1) Lubrication Task 27-10-02-641	551 571 651 671			
C273001	Elevator Trim Tab Actuator (2660017-1) Lubrication Task 27-30-02-640	371 372 375 376			
B284103	Fuel Quantity and Low Fuel Warning Systems Functional Check Task 28-41-00-720	AUX			
B313103	Flight Data Recorder Underwater Locator Beacon Functional Check Task 31-31-00-721	312			
B324001	Brakes Operational Check Task 32-40-00-710	ENG			
B332001	Passenger/Cargo Compartment Lighting Operational Check Task 33-20-00-710	AUX			
A520001	Crew Doors Detailed Inspection Task 52-00-00-220	801 802			
A520003	Passenger/Cargo Doors and Door Frames Detailed Inspection Task 52-00-00-221	255 256 257 258 803 804			
A781001	Primary and Secondary Exhaust Duct General Visual Inspection Task 78-10-00-211	130			
	*** End of Inspection Document 10 Inspection Items ***				

INSPECTION DOCUMENT 11

Date: _____

Registration Number: _____

Serial Number: _____

Total Time: _____

1. Description

A. Inspection Document 11 gives a list of item(s), which are completed at every 1600 Hours or 24 calendar months, whichever occurs first.

B. Inspection items are given in the sequence of the zone in which the inspection is completed. A description of the inspection, as well as the Item Code Number are supplied for cross-reference to section 5-10-01. Frequently, tasks give more information about each inspection. These tasks are found in the individual chapters of this manual.

C. The right portion of each page gives space for the mechanic's and inspector's initials and remarks. You can use copies of these pages as a checklist while you complete the tasks in this Inspection Document.

2. General Inspection Criteria

A. As you complete each of the inspection tasks in this Inspection Document, examine the adjacent area while access is available to find conditions that need more maintenance.

B. If it is necessary to replace a component or to make a change to a system while you complete a task, do the task again before the system or component is returned to service.

C. Inspection Kits are available for some Inspection Documents. They supply consumable materials used to complete the inspection item(s) given for the interval. Refer to the Model 208 Illustrated Parts Catalog, Introduction, Service Kit List to find applicable part numbers.

ITEM CODE NUMBER	TASK	ZONE	MECH	IN-SP	REMARKS
B271003	Aileron System Functional Check Task 27-10-00-721	211 212 217 218 233 234 253 254 251 252 503 525 603 625			
B272001	Rudder System Functional Check (Standard Rudder Installation) Task 27-20-00-720	211 212 213 214 217 218 233 234 253 254 257 258 311 312 320 341			

ITEM CODE NUMBER	TASK	ZONE	MECH	IN-SP	REMARKS
C272001	Rudder Bar Bearings and Rudder Pedals Lubrication Task 27-20-00-640	211 212 213 214			
B273001	Elevator System Functional Check Task 27-30-00-720	211 212 213 214 217 218 233 234 253 254 257 258 311 312 320 373 374 375 376			
B275001	Flap System Functional Check Task 27-50-00-720	'251 252 511 611 525 625			
	*** End of Inspection Document 11 Inspection Items ***				

PT6A-114A Table 601 Periodic Inspection Schedule

VH- ……. Serial Number ……. Date …….

Job Number …….. Job Co-ordinator …….

TTIS …….. Landings ……

1	ENGINE EXTERNALS		AME SIG	LAME SIG
A	Tubing, Wiring, Control Linkages, Hose Assemblies	(1) All accessible connections, clamps and brackets for attachment. *NOTE: Inspect accessible lockwire and safety cable for security and installation.*		
		(2) Wear, chafing, cracks and corrosion. *NOTE: Visually inspect insulated air tubes for signs of swelling, cracking, bulging of rubber sheath material. Refer to repair section and SB1687. Replace as necessary.*		
		(3) Fuel and oil lines for leaks.		
		(4) Depending on operating conditions and environment, examine linkages at regular intervals. Pay particular attention to rear linkage cam box, fuel control unit arm, telescopic rod and rod end fittings. Disconnect rod ends and clean using solvent (PWC11-027) or (PWC11 031). Lubricate with light grease (PWC04-001) after engine external wash. Examine rod end for corrosion, roughness in rotation, side play and radial play. After lubrication reinstall rod ends and torque to specified value (Ref 76-10-00). Check free movement of linkage. *NOTE: With the exception of rod end fittings, linkages generally will operate satisfactorily without lubrication. While lubrication will be effective in some instances, it must be realized that grease and oil attracts dirt and foreign matter. Depending on local conditions, operators should take these facts into consideration before deciding to lubricate components.*		
B	Air Inlet Screen	Cleanliness (Ref. 72-20-00).		
C	Gas Generator Case	External surfaces, and fireseal mount ring brackets for cracks, distortion, and corrosion (Ref. 72-30-04).		
D	Fireseal Mount Rings	Cracks and attachment of brackets and seals. (Ref. 72-30-01/-02)		
E	Exhaust Duct	(1) Cracks and distortion (Ref. 72-50-05, MAINTENANCE PRACTICES).		
F	Propeller Shaft Seal	Check for oil leaks (Ref. 72-10-00)		

Table 601

1	ENGINE EXTERNALS		AME SIG	LAME SIG
G	Accessories	(1) Attachment and linkages, air, oil and fuel lines (Ref. 73-10-07/-08). *NOTE: Visually inspect insulated air tubes for signs of swelling, cracking, bulging of rubber sheath material. Refer to repair section and SB1687. Replace as necessary.*		
		(2) Oil and fuel leaks as applicable.		
		(3) Starter Generator Gearshaft Splines for wear	NOT APPLICABLE – OSIP CARDS RAISED IN CONTROL SYSTEM	

2	ENGINE INTERNALS		AME SIG	LAME SIG
A	Compressor Turbine (CT) Disk Assembly	The CT disk and blade set must be sent for an inspection per the overhaul manual instructions at the intervals that follow: *NOTE: 1 PT6A-114/114A: refer to SB1703.*	NOT APPLICABLE – OSIP CARDS RAISED IN CONTROL SYSTEM	
B	Hot Section	(1) Examine with borescope (Ref. Para. 9).		

3	SYSTEMS		AME SIG	LAME SIG
A	Oil System	(1) Check oil level (Ref. SERVICING).		
		(2) Check condition and locking of oil filler cap (Ref.72-60-00).		
		(3) Oil Filter Elements Elements must be inspected and cleaned (Ref. 79-20-02). Light traces of sediment only may be removed from the main filter screen. All other contamination requires replacement of filter element. Any foreign material found in main oil filter or on chip detector, should be identified before further inspection/operation (Ref. 79-20-02, MAINTENANCE PRACTICES). *NOTE: 2 If carbon like deposits are found, drain accessory gearbox oil into a clean container and examine debris. Varnish flakes are non metallic and are usually dark on one side and shiny, similar to bronze, on the other side. They are hard and will not form into paste when rubbed between fingers (Ref. step (7).*		
		Replace disposable filter elements Post-SB1282).	NOT APPLICABLE – OSIP CARDS RAISED IN CONTROL SYSTEM	
		Examine and clean permanentPre-SB1282) filter elements at an overhaul facility. The filter may be utilized for further 1500 hour periods, maintaining the same inspection/cleaning schedule.		
		(4) Check magnetic chip detector(s) for continuity; open circuit must exist indicating no contamination at pole tips. If continuity exists, remove and inspect for contamination. Any foreign material found on the chip detector or in the main oil filter should be identified before further inspection/operation (Ref. 79-20-02, Inspection/Check).		

Table 601

3	SYSTEMS (CONT)		AME SIG	LAME SIG
A	Oil System (cont)	(5) Bridge chip detector(s) magnetic pins with suitable jumper, and using a suitable ohmmeter, check continuity between connector pins. If continuity does not exist, replace chip detector. Any foreign material found on chip detector or in main oil filter should be identified before further inspection/operation (Ref. 79-20-04, MAINTENANCE PRACTICES).	**NOT APPLICABLE – OSIP CARDS RAISED IN CONTROL SYSTEM**	
		(6) Check scavenge oil pump housing for leaks.		
		(7) Check the AGB internal scavenge oil pump inlet screen (Ref. Chapter 72-60-00 CLEANING/ INSPECTION). Collect drained oil. Using a mirror and a flashlight inspect the scavenge oil pump inlet screen. Any foreign material found blocking the screen or contained in the oil should be identified before further operation (Ref. Unscheduled Inspection).	**NOT APPLICABLE – NOT OPERATING IN HIGH RELATIVE HUMIDITY/TROPICAL ENVIRONMENT**	
B	Fuel System	(1) Check fuel for water contamination.		
		(2) Check fuel pump for installation and leaks (Ref. 73-10-02). *NOTE: If airframe fuel boost pump fails or is inadvertently left off for an accumulative time in excess of 10 hours, the engine driven fuel pump must be removed and replaced. The removed pump should be sent to an approved overhaul facility.*		
		(3) Check inlet screen for foreign matter or distortion, clean and reinstall, or install new screen. (Ref. 73-10-02).		
		(4) Check outlet filter for foreign matter or distortion (Ref. 73-10-02). Install new filter as service conditions dictate, not to exceed 600 hours and when fuel system contamination is suspected.		
		(5) If Sundstrand fuel pump installed: (a) Check fuel pump coupling in-situ for fretting and corrosion (Ref. 73-10-02). (b) Remove fuel pump and inspect the drive coupling and cover accessory gearbox side for signs of reddish-brown (iron oxide) stains. If stains are observed, return the fuel pump to an approved overhaul facility (Ref. 73-10-02). (c) Remove fuel pump and inspect the drive coupling and cover accessory gearbox side for signs of reddish-brown (iron oxide) stains. If stains are observed, return the fuel pump to an approved overhaul facility (Ref. 73-10-02).	**NOT APPLICABLE – OSIP CARDS RAISED IN CONTROL SYSTEM**	
		(6) Check drain valve for installation and leaks (Ref. 73-10-06).		
		(7) Check FCU for installation, linkages and pneumatic tubes (Ref. 73-20-00).		

Table 601

3	SYSTEMS (CONT)		AME SIG	LAME SIG
B	Fuel System (cont)	(8) For engines fitted with a manual override on the fuel control, check FCU Manual Override System for static operation (Ref. 71-00-00, ADJUSTMENT/TEST).		
		(9) Check FCU for bearing wash-out, indicated by blue dye (grease and fuel mixed) at FCU vent (Ref. Fault Isolation - Operating Problems).		
		(10) (a) Remove FCU (Ref. 73-20-00) for drive body inspection/driveshaft bearing replacement in accordance with the component maintenance manual (Ref. IPC P/N 3043514).	NOT APPLICABLE – OSIP CARDS RAISED IN CONTROL SYSTEM	
		(10) (b) Remove FCU and send for overhaul.		
		(11) Check starting flow control/flow divider for installation and leaks (Ref. 73-10-04).		
		(12) Leak test and function test fuel manifold adapter and nozzle assemblies (Ref. 73-10-05).	NOT APPLICABLE – OSIP CARDS RAISED IN CONTROL SYSTEM	
		(13) Check oil-to-fuel heater installation (Ref. 73-10-01, MAINTENANCE PRACTICES).		
C	Ignition System	(1) Check ignition exciter/current regulator for installation and condition (Ref. 74-10-00).		
		(2) Check ignition cables for chafing, wear and installation (Ref. 74-20-00).		
		(3) Check spark igniter/glow plugs for cleanliness and erosion. Check function (Ref. 74-20-00).		
D	Pneumatic System	(1) Check P3 filter for installation (Ref. 73-10-07).		
		(2) Inspect pneumatic tubes and lines for cracks and damages especially at the end fittings and joints.		
		(3) Clean or replace filter, dependent on condition, service experience or environment (Ref. 73-10-07). *NOTE: Visually inspect the P3 filter for corrosion. If the filter shows presence of corrosion, discard the filter and replace with a new filter.*		
		(4) Clean and inspect Post-SB1495 P3 filter drain valve housing assembly (Ref. 73-10-07).		
		(5) Replace disposable filter based on condition, service experience or environment.	NOT APPLICABLE – OSIP CARDS RAISED IN CONTROL SYSTEM	
		(6) Clean or replace permanent filter based on condition, service experience or environment. Ship to an approved overhaul facility for ultrasonic cleaning.		
		(7) Check the bleed valve (Ref. 75-30-00, Inspection/Check)		

END

5.6 INSPECTION TIME LIMITS AND CHECKLIST

INSTRUCTIONS/PROCEEDURES			HOURLY LIMITS					MECHANIC		INSP.
	General	Details	25	50	100	200	Annual	Right	Left	
General	Wash aircraft and floats with fresh water and inspect surfaces, hardware and strut connections for corrosion.	If the airplane is exposed to salt- or polluted water, the chances for corrosion increase dramatically. Daily basic cleaning is essential.	X or more often				X			
	Check installed placards against the AFM or POH, and installation drawings.				X		X			
Hulls & Struts	Float Installation	Float exterior - inspect for damage, wrinkled metal, corrosion, paint loss, etc.		X			X			
	Boarding steps: disassemble as needed and grease the step slide tubes.	If the floats are installed, remove the center section fairings for access. Struts and attach fittings: clean upper attach fittings and dog bone saddle area. If off aircraft, re-grease bolts and return.			X		X			
	Disassemble and grease the flying wire clevis bolts/pins.	Spreader Bars: inspect for loose screws and cracks & seal between fairing and side skin. Insp. fairings for cracking and loose screws.					X			
		On the aircraft and floats: re-coat exposed hardware with suitable coating for corrosion protection.			X		X			
Float Interiors	Float structure (interior): pull up baggage floors and inspect bulkheads.	Closely inspect for wrinkled metal & cracked flanges; watch closely bulk heads 9-21.			X		X			
	Baggage compartment covers and seals - inspect for condition, security, operation, excessive wear and corrosion under nutplates.	After hardware inspection, coat with anti-corrosion grease to protect.			X		X			
	Pumper Tube Installation - inspect for condition, security, routing of hoses.					X	X			

INSTRUCTIONS/PROCEEDURES			HOURLY LIMITS					MECHANIC		INSP.
	General	Details	25	50	100	200	Annual	Right	Left	
Water Rudder System & Tail	Water rudder boots - inspect for cuts, tears, and condition	Water rudder blades and posts - inspect for damage, security of attachment, corrosion, paint, rigging. Check post bolts and bushings and lube with LPS 2.	X				X			
	Water rudder steering and retract systems - inspect the following: cables for broken wire; fittings for cable slippage, cracks and distortion; cable pulleys for freedom of rotation and cable guard pins for presence; rigging	Check top and bottom rollers for rotation and lube with LPS 2 or similar product. Tension cables to 30 lbs. +/- 5			X		X			
	On the aircraft: remove clean, inspect and grease the aux. finlets on the horizontal stabilizer.						X			
Electrical System	Pump and indicator light wiring - inspect for chafing, broken or loose terminals and general condition.				X		X			
	Solenoids - inspect wiring, mounting and general condition.				X		X			
	Pressure Switches - inspect wiring, mounting and general condition.				X		X			
	Pump Motors - inspect wiring, mounting and general condition.				X		X			
Landing Gear Systems	Inspection and servicing nose gear tracks:	Gold and white track and block clean and use grease. Black track and block – clean and dry or clean and wipe with silicone spray.	X				X			
	Nose gear box/block tracks measured at slide route for wear, .050 inches or less wear tolerance	Check side play – 3/32 to 1/16 inches max tolerance.				X	X			

INSTRUCTIONS/PROCEEDURES			HOURLY LIMITS					MECHANIC		INSP.
	General	Details	25	50	100	200	Annual	Right	Left	
	Nose gear pivot blocks and forks - inspect for condition, lubrication, corrosion, paint.		X				X			
	Nose & main wheel bearing - grease Zerks		X				X			
	Insp. Main gear slide tube, ram and locking hooks for lubrication. Lube carriage zerk liberally.	Grease with HCF p/n 605. Spray locking hooks form the top with LPS 2 to penetrate.	X							
	Hydraulic fluid level: Mil-H-5606			X			X			
	Wheels and tire - inspect for wear, pressure, condition (45lbs +/_ 5lbs)			X			X			
	Brake assemblies - inspect for wear, corrosion, leakage			X			X			
	Hydraulic fluid screen - clean and inspect. NOTE: If floats sit for extended periods of time (I.e. If removed during winter months), screen should be cleaned before putting floats back into service. Hydraulic fluid in reservoir should be checked for moisture or other contaminates and changed if necessary.				X		X			
	Insp. FWD slide tube mounting bolt for corrosion and wear when the gear are out. Clean and lube the slide tube before returning.						X			
	Main and Nose gear actuator, assemblies - inspect for condition, lubrication, leakage, corrosion, and cleanliness. With gear out: Inspect FWD slide tube mounting bolt for corrosion and wear. Clean & grease FWD slide tube.				X		X			
	Nose gear springs - scotchply springs, inspect for cracks, delamination and paint.				X		X			
	Main gear drag link garlock bushings - inspect for condition, lubrication, and corrosion.				X		X			

INSTRUCTIONS/PROCEEDURES			HOURLY LIMITS					MECHANIC		INSP.
			25	50	100	200	Annual	Right	Left	
	Clean the wheel wells to facilitate general condition inspection.				X		X			
	Main gear oleos - inspect for evidence of leakage, proper extension, check cylinder for corrosion, pitting, cleanliness and security				X		X			
	Hydraulic lines and fittings - inspect for leaks, condition and security.	Refer to section 5.2				X	X			
	Hydraulic Manifolds (if equipped) - inspect for condition, security, and leaks.					X	X			
	Brake system plumbing - inspect for leaks, condition and security.					X	X			
	Main gear oleos – Check for static compression, leaks and proper pressure. The oleo should be fully serviced or replaced with overhauled as required.	If full servicing is required, use 5606 hydraulic fluid & Nitrogen Refer to section 5.2			X		X			
	Perform retraction test:	Inspect main gear up and down lock hooks for proper engagement.				X	X			
		Inspect nose gear trolley for proper travel.				X	X			
		Inspect nose gear for excessive play in the down position				X	X			
		Perform emergency gear extension & retraction				X	X			
	Nose and main wheel bearings - disassemble and inspect	Re-grease bearings with recommended water resistant grease			X		X			

MAINTENANCE SYSTEM

IFR RADIO INSPECTION **VH-** **Date / /**

The radio systems & components detailed in this schedule shall be inspected or tested so as to ensure that the system or component remains serviceable for the period between inspections subject to normal operation, inservice maintenance and reporting. When carrying out an inspection, the Manufacturers Maintenance Manual & Bulletins should be referred to for the complete inspection and test procedures.

	AME	LAME
(1) Accessible interwiring for security, damage and deterioration ; microphones, headset cords for damage and deterioration; accessible plugs and sockets for damage and security.		
(2) Fuses for adequacy of spares. Check all active fuses for correct type and rating.		
(3) Wire aerials for fraying and deterioration ; fixed antennae for damage and security ; associated fittings and supports for security, deterioration and damage ; aerial insulators for freedom from accumulated dirt and/or grease.		
(4) Removable units for security in racks, isolators, mounting racks and accessible bonding straps for damage, deterioration and security.		
(5) Switches and controls for correct mechanical operation ; radio panel lamps for serviceability, frequency charts, decals and controls for legibility.		
(6) Communication systems for correct performance .		
(7) ADF system for accuracy and correct performance in all modes of operation.		
(8) VOR and ILS systems for correct operation using an approved simulator.Test VOR on 0, 90, 180, 270 and one other widely separated radial for system accuracy within the following limitations :-		

Course Bar

Nav Indicator ...	tolerance ± 3 degrees
RMI's..	tolerance ± 4 degrees
Course width ...	tolerance ± 8 to 12 degrees

Test LOC / GS function

On course ...	tolerance ± 0.5 dot
Up / left...	tolerance ± 1 dot
Down / right	tolerance ± 1 dots

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MAINTENANCE SYSTEM

IFR RADIO INSPECTION VH- Date / /

	AME	LAME
(9) Marker system for correct performance.		
(10) DME system for correct performance.		
(11) Weather radar system for correct performance.		
(12) Audio systems for correct operation.		
(13) ATC transponder for correct performance.		
(14) GPS system for correct operation.		
(15) T/CAS for correct operation.		
(16) Radio altimeter system for correct operation.		
(17) Inspect the Emergency Locator Transmitter Batteries for electrolyte leakage and battery life.		

POST INSPECTION CHECK

On completion of the inspection, check that no tooling, maintenance equipment or rags have been left in the aircraft and all panels, access doors, detachable fairings and fillets have been correctly secured.

**Equipment not fitted should be shown as N / F in LAME column. **

Refer Continued Airworthiness Requirements for all avionic equipment.

Note :- Correct performance or operation means meeting the system manufacturers in service test specifications and tolerances in all functions.

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MAINTENANCE SYSTEM

VFR RADIO INSPECTION **VH-** **Date / /**

The radio systems & components detailed in this schedule shall be inspected or tested so as to ensure that the system or component remains serviceable for the period between inspections subject to normal operation, inservice maintenance and reporting.When carrying out an inspection, the Manufacturers Maintenance Manual & Bulletins should be referred to for the complete inspection and test procedures.

	AME	LAME
(1) Accessible interwiring for security, damage and deterioration ; microphones, headset cords for damage and deterioration; accessible plugs and sockets for damage and security.		
(2) Fuses for adequacy of spares. Check all active fuses for correct type and rating.		
(3) Wire aerials for fraying and deterioration ; fixed antennae for damage and security ; associated fittings and supports for security, deterioration and damage ; aerial insulators for freedom from accumulated dirt and/or grease.		
(4) Removable units for security in racks, isolators, mounting racks and accessible bonding straps for damage, deterioration and security.		
(5) Switches and controls for correct mechanical operation ; radio panel lamps for serviceability, frequency charts, decals and controls for legibility.		
(6) Communication / audio systems for correct performance .		
(7) Inspect the Emergency Locator Transmitter Batteries for electrolyte leakage and battery life.		

Refer Continued Airworthiness Requirements for all avionic equipment

POST INSPECTION CHECK

On completion of the inspection, check that no tooling, maintenance equipment or rags have been left in the aircraft and all panels, access doors, detachable fairings and fillets have been correctly secured.

Radio inspection completed for VFR Operations ..

Signed …….. LAME No…….Date / /

Note :- Correct performance or operation means meeting the system manufacturers in service test specifications and tolerances in all functions.

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MAINTENANCE SYSTEM

ADDITIONAL INSPECTION VH- Date / /

The inspections detailed in this schedule shall be inspected or tested so as to ensure that the system or component remains serviceable for the period between inspections subject to normal operation, inservice maintenance and reporting. When carrying out an inspection, the Manufacturers Maintenance Manual & Bulletins or releavant EO's should be referred to for the complete inspection and test procedures.

	AME	LAME

Airframe Repairs

1. Lower Fuselage Bulkhead Flange. EO 400-684

   Inspect repaired area for security & corrosion

2. Beam Truss repair. EO 400-447

   Inspect repaired area for security & corrosion

3. Vertical Fin Repair. EO 400-634

   Inspect repaired area for security & corrosion

4. Fuselage Bulkhead Repair. EO 400-662

   Inspect repaired area for security & corrosion

5. Beam Axle Repair. EO 400-620

   Inspect repaired area for security & corrosion

POST INSPECTION CHECK

On completion of the inspection, check that no tooling, maintenance equipment or rags have been left in the aircraft and all panels, access doors,

Notes .

Indicate results of inspection & any rectification necessary to maintain satisfactory condition.

……...

……...

……

……

……

LAME Signature …….. Date …….

A signature on this document constitutes a certification pursuant to CAR 42ZE

VH-	J/N:	Extinguisher Pos:	
Type:		P/N:	S/N:

Table 3.1 – Maintenance Schedule. Level 1, 2 and 3 Inspections for Vapourizing Liquid (Halon) Extinguishers

No	Action Required.	AME SIG	LAME SIG
1	Check that the extinguisher is conspicuous, readily accessible, and in it's assigned location, and the location sign is visible and correct.		
2	Check that the anti-tamper device, where fitted, is intact.		
3	Check that an appropriate support bracket is securely in place.		
4	Check that the extinguisher is clean, that the instructions for operation are clearly legible, and that the maintenance record tag (where applicable) is attached.		
5	Check that the extinguisher, including attachments, is not damaged.		
6	Check that the exterior of the extinguisher is not pitted from corrosion.		
7	Check that the discharge nozzle is the correct type.		
8	Check that the discharge nozzle is not blocked or damaged, and the hose is free from obstructions or cracking or other signs of damage or deterioration, and is securely fitted.		
9	Check that the extinguisher is fully charged eg by overall mass. Record weight to two decimal places. ____ . ____ ____ KG		
10	Check that the pressure indicator mechanism, where fitted, is registering within the operational range, and appears to be free and operating correctly.		
11	Where possible, without discharging any contents, check that the actuating device is undamaged, free from corrosion, and moves freely.		
12	Replace the extinguisher in the assigned location, and record maintenance on maintenance tag (where applicable).		

CASA CAO 103 Section 103.16 Issue 2 requirements

The following information at least, shall be clearly marked on each extinguisher (and able to be clearly read by the pilot without removing the unit from it's cradle):

No	Action Required.	AME SIG	LAME SIG
1	Check the type of extinguisher is clearly marked; (write Halon in a permanent marker, or affix a permanent tag)		
2	Check that the termination date of current service life; (both the next 6 month inspection, and the 12 year inspection due dates – available online) are clearly marked on the extinguisher, or tag.		
3	Check the charged weight, or empty weight and weight charge is clearly marked on the extinguisher, or tag.		
4	Check the operating instructions and any special precautions for use are clearly marked.		

Notes:

VH-	J/N:	Extinguisher Pos:	
Type:		P/N:	S/N:

Table 3.1 – Maintenance Schedule. Level 1, 2 and 3 Inspections for Vapourizing Liquid (Halon) Extinguishers

No	Action Required.	AME SIG	LAME SIG
1	Check that the extinguisher is conspicuous, readily accessible, and in it's assigned location, and the location sign is visible and correct.		
2	Check that the anti-tamper device, where fitted, is intact.		
3	Check that an appropriate support bracket is securely in place.		
4	Check that the extinguisher is clean, that the instructions for operation are clearly legible, and that the maintenance record tag (where applicable) is attached.		
5	Check that the extinguisher, including attachments, is not damaged.		
6	Check that the exterior of the extinguisher is not pitted from corrosion.		
7	Check that the discharge nozzle is the correct type.		
8	Check that the discharge nozzle is not blocked or damaged, and the hose is free from obstructions or cracking or other signs of damage or deterioration, and is securely fitted.		
9	Check that the extinguisher is fully charged eg by overall mass. Record weight to two decimal places. ____ . ____ ____ KG		
10	Check that the pressure indicator mechanism, where fitted, is registering within the operational range, and appears to be free and operating correctly.		
11	Where possible, without discharging any contents, check that the actuating device is undamaged, free from corrosion, and moves freely.		
12	Replace the extinguisher in the assigned location, and record maintenance on maintenance tag (where applicable).		

CASA CAO 103 Section 103.16 Issue 2 requirements

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No	Action Required.	AME SIG	LAME SIG
1	Check the type of extinguisher is clearly marked; (write Halon in a permanent marker, or affix a permanent tag)		
2	Check that the termination date of current service life; (both the next 6 month inspection, and the 12 year inspection due dates – available online) are clearly marked on the extinguisher, or tag.		
3	Check the charged weight, or empty weight and weight charge is clearly marked on the extinguisher, or tag.		
4	Check the operating instructions and any special precautions for use are clearly marked.		

Notes:

AVTRAC MAINTENANCE TRACKING

PT6 ENGINE GROUND RUN RECORD SHEET

Table 1

Rego:	**Aircraft Type And Model:**	**Type of check:**
S/N:	**Date:**	**Location:**
OAT:	**Field Baro:**	**Press Alt:**

Table 2

Current Aircraft Status:	**TTIS:**	**Cyc:**	**Ldgs:**

Table 3

ENGINE POSITION	**FF**	**ENGINE SERIAL NO**	
TARGET		**OBSERVED**	
START ITT MAX LIMIT		**START MAX ITT**	
PROP RPM (NP) (N2)		**PROP RPM (NP) (N2)**	
TORQUE (TQ)		**TORQUE (TQ)**	
ITT		**ITT**	
FUEL FLOW (WF)		**FUEL FLOW (WF)**	
GAS GEN (NG) (N1)		**GAS GEN (NG) (N1)**	
OIL PRESSURE		**OIL PRESSURE**	

Table 4

Remarks:

Table 5

LAME Signature:	**Lic No:**	**Date:**