Contents

[Aircraft Details 2](#_Toc78707918)

[Owner/Operator Details 2](#_Toc78707919)

[Work Order 2](#_Toc78707920)

[Review Details 2](#_Toc78707921)

[Maintenance Programme / ARC 2](#_Toc78707922)

[Document Review 3](#_Toc78707923)

[Physical Survey 4](#_Toc78707924)

[SDMP (Self-Declared Maintenance Programme) Effectiveness 4](#_Toc78707925)

[Details of findings identified during the survey and corrective actions 5](#_Toc78707926)

[Notes 5](#_Toc78707927)

# Aircraft Details

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | **Manufacturer** | **Model** | **Serial Number** | **Hours** | **Launches** |
| Aircraft |  |  |  |  |  |
| Engine | N/A | N/A | N/A | N/A | N/A |
| Propellor | N/A | N/A | N/A | N/A | N/A |

# Owner/Operator Details

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | **Name** | **Address** | **Telephone** | **Email** |
| Owner/Operator |  |  |  |  |

# Work Order

|  |
| --- |
| Details of work required: Airworthiness Review |
| Work Order Reference from Form 200: 200/G |

# Review Details

|  |  |
| --- | --- |
| **IGSA IE.CAO.109 Facility:** | Gowran Grange Airfield,  Swordlestown North,  Naas,  Co. Kildare. |
| **Airworthiness Review Officer:** |  |
| **Name of IGSA Certifying Staff assisting (if applicable)** | N/A |

# Maintenance Programme / ARC

|  |  |  |
| --- | --- | --- |
|  | Type | Reference |
| Aircraft Maintenance Programme |  |  |
| Aircraft Maintenance Manual |  |  |
| Last ARC Reference No. |  | |
| Last ARC Expiry date: |  | |
| Maintenance since the last ARC issue performed by (Org.): |  | |

# 

# Document Review

| **Reference** | **Airworthiness Review Task** | **Documents reviewed, Findings, Comments** | **Certified** |
| --- | --- | --- | --- |
| Annex Vb Part ML MLA.A.903 (a) (1) | Verify that the airframe, engine and propeller (when applicable) flying hours and associated flight cycles have been properly recorded |  |  |
| Annex Vb Part ML MLA.A.903 (a) (2) | Verify that the flight manual is applicable to the aircraft configuration and reflects the latest revision status |  |  |
| Annex Vb Part ML MLA.A.903 (a) (3) | Verify that all the maintenance due on the aircraft according to the AMP has been carried out |  |  |
| Annex Vb Part ML MLA.A.903 (a) (4) | Verify that all known defects have been corrected or deferred in a controlled manner |  |  |
| Annex Vb Part ML MLA.A.903 (a) (5) | Verify that all applicable ADs have been applied and properly registered |  |  |
| Annex Vb Part ML MLA.A.903 (a) (6) | Verify that all modifications and repairs made to the aircraft have been registered and are in compliance with Annex I (Part-21) to Regulation (EU) No. 748/2012 |  |  |
| Annex Vb Part ML MLA.A.903 (a) (7) | Verify that all service-life-limited components installed on the aircraft are properly identified,  registered and have not exceeded their approved service life limit |  |  |
| Annex Vb Part ML MLA.A.903 (a) (8) | Verify that all maintenance has been certified in accordance with this Annex (Annex Vb Part ML) |  |  |
| Annex Vb Part ML MLA.A.903 (a) (9) | Verify that if required, the current mass-and-balance statement reflects the configuration of the  aircraft and is valid |  |  |
| Annex Vb Part ML MLA.A.903 (a) (10) | Verify that the aircraft complies with the latest revision of its type design approved by the Agency |  |  |
| Annex Vb Part ML MLA.A.903 (a) (11) | Verify that if required, the aircraft holds a noise certificate corresponding to the current  configuration of the aircraft in compliance with Subpart I of Annex I (Part-21) to  Regulation (EU) No 748/2012. |  |  |

# Physical Survey

| **Reference** | **Airworthiness Review Task** | **Documents reviewed, Findings, Comments** | **Certified** |
| --- | --- | --- | --- |
| Annex Vb Part ML MLA.A.903 (c) (1) | Verify that all required markings and placards are properly installed |  |  |
| Annex Vb Part ML MLA.A.903 (c) (2) | Verify that the aircraft complies with its approved flight manual |  |  |
| Annex Vb Part ML MLA.A.903 (c) (3) | Verify that the aircraft configuration complies with the approved documentation |  |  |
| Annex Vb Part ML MLA.A.903 (c) (4) | Verify that no evident defect can be found that has not been addressed according to point ML.A.403 |  |  |
| Annex Vb Part ML MLA.A.903 (c) (5) | Verify that no inconsistencies can be found between the aircraft and the documented review of records as referred to in MLA.A.903 (a) |  |  |

# AMP (Owner-Declared Maintenance Programme) Effectiveness

|  |  |  |  |
| --- | --- | --- | --- |
| **Airworthiness Review Task** | **Airworthiness Review Task** | **Comments** | **Certified** |
| Annex Vb Part ML MLA.A.302, [c],[9] | Examine the results of the maintenance performed during that year, which may reveal that the current maintenance programme is not adequate | Satisfactory yes/no |  |
| Examine the results of the AR performed on the aircraft, which may reveal that the current maintenance programme is not adequate | Satisfactory yes/no |  |
| Consider any revisions introduced on the documents affecting the programme basis, such as the ML.A.302(d) MIP or the DAH’s data | Satisfactory yes/no |  |
| Consider any changes in the aircraft configuration, and type and specificity of operation | Satisfactory yes/no |  |
| Consider whether there have been changes in the list of pilot-owners; | Satisfactory yes/no |  |
| Verify that applicable mandatory requirements for compliance with Part 21, such as airworthiness directives (ADs), airworthiness limitations, certification maintenance requirements | Satisfactory yes/no |  |
| Review all maintenance carried out on the aircraft in the last twelve months | Satisfactory yes/no |  |
| When reviewing the results of the maintenance performed during that year and the results of the AR, attention should be paid as to whether the defects found could have been prevented by introducing in the maintenance programme certain DAH’s recommendations, which were initially disregarded by the owner, CAMO or CAO. | Satisfactory yes/no |  |
| Maintenance programme adequate following airworthiness review | Satisfactory yes/no |  |
| Revisions to MIP/DOA adequate | Satisfactory yes/no |  |
| Mandatory requirements (AD limitations, TCDS) adequate in programme | Satisfactory yes/no |  |
| Defects found may have been prevented by items disregarded by owner | Satisfactory yes/no |  |
|  |  |  |

# Details of findings identified during the survey and corrective actions

|  |  |  |
| --- | --- | --- |
| **Finding** | **Corrective Action Taken** | **All Findings closed** |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |

# Notes

| **Reference** | **Airworthiness Review Task** |
| --- | --- |
| Annex Vb Part ML MLA.A.903 (e) (1) | The ARC (EASA Form 15c) set out in Appendix IV shall only be issued by appropriately authorised airworthiness review staff |
| Annex Vb Part ML MLA.A.903 (e) (1) | The ARC (EASA Form 15c) set out in Appendix IV shall only be issued when the airworthiness review has been completely carried out and all findings have been closed |
| Annex Vb Part ML MLA.A.903 (e) (3) | The ARC (EASA Form 15c) set out in Appendix IV shall only be issued when any discrepancy found in the AMP in accordance with Annex Vb Part ML MLA.A.903 (h) has been satisfactorily addressed. |

|  |
| --- |
| **IGSA ARC signatory**  I declare that all the items in ML.A. 903 have been reviewed and confirm that they have been found to be in compliance with ML.A. 903 and recommend that an ARC be issued.  Signed: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_  Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_  Part 66 Licence No.: \_\_\_\_\_\_\_\_\_\_\_\_\_\_  Date: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_  IGSA ARO Authorisation No**: IE.CAO.109/**    The Airworthiness Review may be anticipated by up to 90 days without loss of continuity.  This airworthiness review checklist should be filed in the aircraft continuing airworthiness records and a copy forwarded to the IGSA. |