**APPLICATION FOR LVO APPROVAL**

**Completion of form:** Each relevant Box should be completed with a (x). Where form must be completed by referring to a document of applicant`s documentation system, add manual reference, chapter and sub-chapter. Please ensure all applicable areas are completed.

* 1. **General**

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| **General information** |
| Applicant Name and Address: | Tel/Fax/e-mail: | Contact Person Name/Tel/Fax/e-mail: |
| Airplane Registration | Airplane Manufacturer | Airplane Type Designation/Model Designation | Airplane Serial No. |

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| Scope of Application | Yes | No |
| Application for Category II LVO? | DH | RVR | □ | □ |
| Application for Category IIIA LVO | DH | RVR | □ | □ |
| Application for Category IIIB LVO | DH | RVR | □ | □ |
| Application for low visibility take-off | RVR | □ | □ |
| Lower than standard Category I | DH | RVR | □ | □ |
| Other than standard Category II | DH | RVR | □ | □ |
| Utilizing EVS | DH | RVR |  |  |

1. **Airworthiness**

**No specific airworthiness requirements for LVO are applicable**

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| **Eligibility Airworthiness Documents** |
| 1. The approval of the AWO systems installation is based on:
	* Type design □ EASA STC □ Service Bulletin □ Other (specify):
2. Airworthiness Approval for AWO system installation is specified in Chapter

 of Airplane Flight Manual (AFM) or in Chapter AFM Supplement, as Applicable |
| **System Manufacture/ Model Installed e.g. Flight Guidance System (FGS)** |
| 3.System Manufacture/model installed e.g. Flight Guidance System FGS)/Enhanced vision system (EVS) is specified in Chapter of Airplane Flight Manual (AFM) or in Chapter AFM Supplement, as applicable. |

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| **Maintenance Program** | Yes | No |
| 4. The Applicant should have an established Maintenance Program that contains all AWO related maintenance requirements prescribed by manufacturer or design organization?**AWO Maintenance Program established ?** | □ | □ |
| **Minimum Equipment List** |  |  |
| 5.The Applicant should have revised parts of Minimum Equipment List to reflect system requirements (e.g. redundancy levels) appropriate to the intended AWO operations?**Minimum Equipment List revised ?** | □ | □ |
| **Maintenance Practices and Procedures** |
| The applicant must institute procedures in respect of continuing airworthiness practices for AWO. These procedures should cover the following subjects:6.Maintenance of AWO equipment (adherence to manufacturer`s maintenanceinstructions, modifications procedures, repair procedures, system calibrationpolicy , AWO maintenance practices, handling of on-board systems, etc.). | ***To be completed by applicant***AWO Maintenance Practices and Procedures are described in (add manual reference, chapter and sub-chapter): |
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| 7.Action for non-compliant airplane (downgrading, technical log entries,corrective actions, placarding, upgrading, release to service procedures,monitoring and reporting of repetitive defects, reliability reporting, reporting to the ACAA, etc.). |  |
| 8.Maintenance training (initial training and recurrent training of applicant`smaintenance management staff and contractor`s maintenance personnel, training Syllabi qualification of maintenance personnel, etc.). |  |
| 9.Test equipment (use of test equipment, handling, calibration, etc.). |  |

# Operations

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| Operating Practices |
| The applicant must institute operating practices and provisions covering as applicable: | *To be completed by applicant:* LVO Operating Practices are described in (add manual reference, chapter and sub-chapter): |
| 3.1 LVTO provisions (AMC1 SPA.LVO.100/airplanes, AMC2 SPA.LVO.100/helicopters |  |
| 3.2 LTS CAT I provisions (AMC3 SPA.LVO.100) |  |
| 3.3 CAT II/OTS CAT II provisions (AMC4 SPA.LVO.100) |  |
| 3.4 CAT II provisions (AMC 5 SPA.LVO.100) |  |
| 3.5 EVS provisions (AMC 6 SPA.LVO.100) |  |
| 3.6 EFFECT ON LANDING MINIMA OF TEMPORARLY FAILED OR DAWNGRADED EQUIPMENT provisions (AMC 7 SPA.LVO.100) |  |
| 3.7 ESTABLISHMENT OF MINIMUM RVR FOR CAT II AND CAT III OPERATIONS provisions (GM SPA.LVO.100©(a)) |  |
| 3.8 CREW ACTIONS IN CASE OF AUTIPILOT FAILURE AT OR BELOW DH IN FAIL-PASSIVE CAT III OPERATIONS provisions (GM 1 SPA.LVO.100(e)) |  |
| 3.9 CONTINUOUS MONITORING provisions (AMC 3 SPA.LVO.105) |  |
| Operating Procedures |
| The applicant must institute LVO Operating Procedures for:‐ Manual take-off, with or without electronic guidance systems or HUDLS/hybrid HUD/HUDLS;‐ Approach flown with the use of HUDLS/hybrid HUD/HUDLS and /or EVS;‐ Auto-coupled approach to below DH, with manual flare, hover, landing and rollout;‐ Auto-coupled approach followed by auto-flare, hover, auto- landing and manual rollout; and‐ Auto-coupled approach followed by auto-flare, hover, auto- landing and manual rollout, when applicable RVR is less than 400m.The instructions should be compatible with the limitations and mandatory procedures contained in the AFM, in accordance with SPA.LVO.125 and applicable AMCs and cover the following items in particular. | *To be completed by applicant:* LVO Operating Procedures are described in (add manual reference, chapter and sub-chapter): |
| 3.10 checks for the satisfactory functioning of the aircraft equipment, both before departure and in flight |  |
| 3.11 effect on minima caused by changes in the status of the ground installations and airborne equipment |  |
| 3.12 procedures for the take-off, approach, flare, hover, landing, rollout and missed approach |  |
| 3.13 procedures to be followed in the event of failures, warnings to includeHUD/HUDLS/EVS and other non-normal situations |  |
| 3.14 the minimum visual reference required |  |
| 3.15 the importance of correct seating and eye position |  |
| 3.16 action that may be necessary arising from a deterioration of the visual reference |  |
| 3.17 allocation of crew duties in the carrying out of the procedures according to AMC 1 SPA.LVO.125 (b)(2)(i) to (iv) to (vi), to allow the pilot-in-command/ commander to devote himself/herself mainly to supervision and decision making |  |
| 3.18 the rule for all height calls below 200ft to be based on the radio altimeter and fo one pilot to continue to monitor the aircraft instruments until the landing is completed |  |
| 3.19 the rule for the localizer sensitive area to be protected |  |
| 3.20 the use of information relating to wind velocity, wind shear, turbulence, runway contamination and use of multiple RVR assessments |  |
| * 1. procedures to be used for:
		1. LTS CAT I;
		2. OTS CAT II;
		3. Approach operations utilizing EVS; and
		4. Practice approaches and landing on runways at which the full CAT II or CAT III aerodrome procedures are not in force
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| 3.22 operating limitations resulting from airworthiness certification |  |
| 3.23 information on the maximum deviation allowed from the ILS glide path and/or localizer |  |
| 3.24 Instructions for LVO continuous monitoring |  |
| Flight Crew Training and QualificationThe applicant is required to establish the following (covering the subjects under 4.1 to 4.7) in accordance with M.O.No.59/2020, SPA.LVO.120 (EC No. 965/2012)and applicable AMCs: |  |
| *To be completed by applicant.* Description in (add manual reference, chapter and sub-chapter): |
| 3.25 Flight crew qualification requirements. |  |
| 3.26 Description training, checking-and training-syllabi for: |  |
| 3.27 Ground training |  |
| 3.28 FSTD training and/or flight training |  |
| 3.29 Conversion training |  |
| 3.30 Type and command experience |  |
| 3.31 Recurrent training and checking |  |

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| 3.32 LVO Operations |  |
| 3.33 LTS CAT I, OTS CAT II, operations utilizing EVS |  |
| 3.34 Operations utilizing EVS |  |

# Application Package

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| Documentation to be submitted to the Albanian Civil Aviation Authority (ACAA) | Submitted |
| Yes | No |
| 4.1 Sections of the AFM or AFM Supplements that document LVO airworthiness approval | □ | □ |
| 4.2 Flight crew LVO training programs and syllabi for trainings under 3.9 | □ | □ |
| 4.3 Operation Manuals and Checklists that include LVO operating practices and procedures (OM-A, OM-B, OM-C, OM-D, AOM, FCOM, Route Manuals, stand-alone LVO manual, LVO minimums, etc.) | □ | □ |
| 4.4 Minimum Equipment List (MEL) that include items pertinent to LVO operations | □ | □ |
| 4.5 Maintenance Program or revision thereof that include item pertinent to LVO equipment | □ | □ |
| 4.6 LVO Maintenance practices & procedures (CAME, Maintenance Program, Stand-alone equipment) | □ | □ |
| 4.7 Service Bulletin, Supplemental Type Certificate (STC) or Major Modification Approval Documentation, if approval based on documents as detailed in 2.1 above (except if based on approved type design). | □ | □ |
| 4.8 Implementation plan (Operation demonstration, eligible aerodromes and runways, training schedule, data collection, data analysis , continuous monitoring, previous LVO experience, etc.) | □ | □ |

1. **Applicants Statement**

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| The undersigned certifies the above information to be correct and true and that airplane system installation, continuing airworthiness of systems, minimum equipment for dispatch, operating procedures and flight crew training comply with the applicable requirements of M.O.No.59/2020 (Eu Reg. No. 965/2012). |
| Name of Post Holder Operation: | Signature: | Date: |
| Name of Post Holder Maintenance: | Signature: | Date: |
| Name of Post Holder Training: | Signature: | Date: |

1. **For official ACAA use only**

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| **Subject** | **Responsible** | **Date** | **Signature:** |
| 6.1 FOD-FRM-035 and item 5 application package checked for completeness. | OPS |  |  |
| 6.2 Airworthiness Approval granted (Appendix to Certificate of Airworthiness). | AWI |  |  |
| 6.3 Operational Approval granted (applicant`s operating practices, procedures and training programs have been found in compliance with applicable requirements) | OPS |  |  |
| 6.4 LVO approval process administratively completed (OPS Update Exchange of Certificates). | OPS |  |  |

*Withdrawal of LVO Approval:*

*Reason:*

*Name:*

*Date:*

*Signature:*