



WORKSHEET

(OPS.12) Aircraft low visibility operations

Applicant name	Applicant ARN	EAP case number	File reference
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Instructions

1. Use this worksheet for the assessment of aircraft low visibility operations.
2. Relevant questions in section 2 can be completed by either the airworthiness inspector (AWI) or flying operations inspector (FOI).
3. Section 3 should be completed by the AWI.
4. Sections 4, 5 and 6 should be completed by the FOI.
5. Unless otherwise stated, the legislation reference refers to the *Civil Aviation Safety Regulation 1998* (CASR).
6. The compliant column is used to record evidence that supports an assessment of *present* and *suitable* for the operation. Select a response from the drop down list. There are four available responses: **Yes** / **No** / **MI** (more information) / **N/A** (not applicable). Yes indicates that both present and suitable have been satisfied and the element is compliant with the rule.
7. For guidance on specific aspects of each question, refer to the respective section in the principle document as identified in the principle reference column.
8. The assessment summary must be completed by all relevant parties. By selecting satisfied or not satisfied, the inspector is taken to have signed the worksheet.
9. Where required, the approval data sheet must be completed by the assigned inspectors. Regservices will use this information to prepare approvals for the delegate.

2 Aircraft assessment

Legislation reference	Principle reference	Question	Compliant?	Inspector comments
11.040	2.1	Does the application identify the specific aircraft, or aircraft type and model, for the requested low visibility operations?		
91.315(1) 121.195 133.160 135.170	1.1	Has the operator detailed the LVO operational credits requested for approval, including the specific minima (i.e. LVTO, SAT CAT I, CAT II, SA CAT II and CAT III)?		
91.315(1) 121.195 133.160 135.170	2.1.1	Does the operator have previous relevant experience conducting the requested LVO?		
91.315(1) 121.195 133.160 135.170	2.1.4	Is the aircraft fitted with the specific equipment to support the operational credit requested?		
91.315(1) 121.195 133.160 135.170	2.1.5	For new aircraft directly from the OEM, has the operator supplied documentation or a copy of the certification data to support the aircraft LVO eligibility?		

Legislation reference	Principle reference	Question	Compliant?	Inspector comments
91.315(1) 121.195 133.160 135.170	2.1.5	For other than new aircraft from the OEM, and/or modified aircraft, has the operator provided the required certification documentation to support the aircraft LVO eligibility?		
91.315(1) 121.195 133.160 135.170	2.1.5	Are there any aircraft limitations and/or conditions included in the aircraft eligibility documentation that will need to be reflected in the CASA issued Operations Specifications (Ops Spec)?		
121.305 133.255 135.300 138.340	2.1.6	Does the operator have an approval for operational credit with the use of head up display (HUD) guidance and/or vision systems?		

3 Airworthiness assessment

Legislation reference	Principle reference	Question	Compliant?	Inspector comments
119.070(1)(f) 138.155(1)(k)	3.1	Does the operator have a relevant maintenance manual suite to support the requested LVO approval?		
91.810 121.460 133.360 135.370	3.1	Does the operator's document suite include reference to the required aircraft equipment for the requested LVO?		
91.935 MOS 91.28.03	3.1	Where LVO systems interface with other systems, does the MEL address the impact on LVO of the unserviceable equipment?		
119.070(1)(f) 138.155(1)(k)	3.2	Has the operator implemented a maintenance program specific to the aircraft and the requested LVO approval?		
119.070(1)(f) 138.155(1)(k)	3.2	Has the operator and/or CAMO identified personnel responsible for ensuring the ongoing compliance and effectiveness of the LVO?		
42.145 CAR 39	3.2	Does the operator's maintenance program ensure the aircraft systems are maintained and calibrated to ensure compliance with the airworthiness approval for the requested LVO?		
42.145 CAR 39	3.2	Does the operator have a process to ensure that only parts/components that are compliant with the airworthiness approval, including software, are installed during a maintenance activity?		

Legislation reference	Principle reference	Question	Compliant?	Inspector comments
119.070(1)(f) 138.155(1)(k)	3.2	Does the operator's maintenance program include instructions for continuing airworthiness for the equipment issued by the type certificate or supplemental type certificate holder?		
42.1050 CAR 42L	3.2	If the operator is required to have a reliability program, does the program monitor the applicable status of the equipment fitted to the aircraft supporting the requested LVO?		
42.315 CAR 214	3.3	Does the operator and/or maintenance organisation provide an initial and recurrent syllabus of training for maintenance personnel specific to the requirements for LVO?		
121.120 133.090 135.100 138.230	3.4	Does the operator's defect reporting system include specific guidance for LVO?		

4 Flight operations assessment

Legislation reference	Principle reference	Question	Compliant?	Inspector comments
119.205(1)(h) 138.155(1)(h)	4.1 4.1.2	Does the flight operations documentation include policies and procedures for the conduct of LVO?		
91.315(1) 121.195 133.160 135.170 MOS 91.16.03	4.1.2	Does the flight operations documentation provide instructions on the operational considerations for the conduct of LVO?		
91.315(1) 121.195 133.160 135.170 MOS 91.15.04	4.2.1	Does the flight operations documentation support the LVTO operational credit requested?		
91.315(1) 121.195 133.160 135.170 MOS 91.15.09	4.2.1	Does the flight operations documentation provide instruction when RV can be used in lieu of RVR?		

Legislation reference	Principle reference	Question	Compliant?	Inspector comments
91.315(1) 121.195 133.160 135.170 MOS 91.16.03	4.2.2	If required, does the flight operations documentation support SA CAT 1?		
91.315(1) 121.195 133.160 135.170 MOS 91.116.03	4.2.3	If required, does the flight operations documentation support CAT II?		
91.315(1) 121.195 133.160 135.170 MOS 91.16.03	4.2.4	If required, does the flight operations documentation support SA CAT II ?		
91.315(1) 121.195 133.160 135.170 MOS 91.16.03	4.2.5	If required, does the flight operations documentation support CAT III operational credit requested?		

Legislation reference	Principle reference	Question	Compliant?	Inspector comments
91.315(1) 121.195 133.160 135.170 MOS 91.16.03	4.1.2	For an LVO approach, does the flight operations documentation provide: <ul style="list-style-type: none"> • guidance on visual reference • guidance relating to the approach ban • guidance on actions to be taken during loss of aircraft capability? 		
91.115(3)(g)	4.3	For LVO operations outside Australia, does the operator have the relevant NAA approval and Ops Spec?		
91.315(1) 121.195 133.160 135.170	4.5	Does the operator have a continuous monitoring program, including data collection and retention procedures relevant to the requested LVO?		
91.315(1) 121.195 133.160 135.170	4.5	Does the operator have an approach and landing recency requirement for each aircraft (not flight crew), based on the continuous monitoring program relevant to the requested LVO?		

5 Aerodrome and runway facilities

Legislation reference	Principle reference	Question	Compliant?	Inspector comments
91.410(2) 121.195(c) 133.160(c) 135.170(c)	Table 3	Does the flight operations documentation provide guidance on aerodrome facilities to support the LVTO operational credit requested?		
91.410(2) 121.195(c) 133.160(c) 135.170(c)	Table 8	Does the flight operations documentation provide guidance on aerodrome facilities to support the LVO operational credit requested?		
91.410(2) 121.195(c) 133.160(c) 135.170(c)	5.1 Table 9	Does the flight operations documentation provide guidance on the effect on landing minima of failed or downgraded equipment?		

6 Flight crew qualifications and training

Legislation reference	Principle reference	Question	Compliant?	Inspector comments
91.315(1) 121.195(d) 133.160(d) 135.170(d)	6.1	Does the operator detail the minimum flight crew experience required for LVO?		
119.225 121.195(e) 133.160(e) 135.170(e)	6.1	Does the operator have a process to manage the LVO qualifications and recency of flight crew?		
91.315(1) 121.195(d) 133.160(d) 135.170(d)	6.2	Does the training and checking program ensure the competency of flight crew to conduct LVO?		
91.315(1) 121.195(d) 133.160(d) 135.170(d)	6.2.1	Does the operator have access to the facilities required to support LVO training?		
91.315(1) 121.195(d) 133.160(d) 135.170(d)	6.2.2	Does the operator have a ground training syllabus to support the requested LVO?		

Legislation reference	Principle reference	Question	Compliant?	Inspector comments
91.315(1) 121.195(d) 133.160(d) 135.170(d)	6.2.3 6.2.4	Does the operator detail the flight training syllabus to support the requested LVO?		
91.315(1) 121.195(d) 133.160(d) 135.170(d)	6.3	Does the operator detail the recurrent training required to maintain competency in the conduct of LVO?		
91.315(1) 121.195(d) 133.160(d) 135.170(d)	6.4	Does the operator have a requalification program to ensure LVO competency after a lapse of recency?		
91.315(1) 121.195(d) 133.160(d) 135.170(d)	6.5	Does the LVO training account for aircraft differences?		
91.315(1) 121.195(d) 133.160(d) 135.170(d)	6.6	Does the LVO syllabus include command upgrade training?		

Legislation reference	Principle reference	Question	Compliant?	Inspector comments
91.315(1) 121.195(d) 133.160(d) 135.170(d)	6.7	Does the operator detail recent experience requirements for LVO?		

Assessment summary

Applicant name		Applicant ARN		EAP case number		File reference	
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This worksheet verifies the assessment for low visibility operational approval, for the above-named applicant, has been assessed in accordance with the current revision of Protocol (OPS.12).

Inspector name		Title	Airworthiness inspector	Date	
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Inspector name		Title	Flying operations inspector	Date	
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Assessment

The application for take-off and landing in low-visibility has been assessed in accordance with the requirements mentioned in subregulation 91.315(1) of the *Civil Aviation Safety Regulations 1998* (CASR).

Airworthiness inspector

- ☐ I am satisfied that the operator meets the requirements mentioned in regulation 91.315.
- ☐ I am not satisfied that the operator meets the requirements mentioned in regulation 91.315.

Flying operations inspector

- ☐ I am satisfied that the operator meets the requirements mentioned in regulation 91.315.
- ☐ I am not satisfied that the operator meets the requirements mentioned in regulation 91.315.

Reason for recommendation

Approval data sheet

Applicant name		Applicant ARN		EAP case number		File reference	
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Tick the relevant boxes and insert details of the aeroplane types and associated conditions.

☐ Significant change recommendation

(1) The proposed significant change(s) to the exposition/operations manual have been assessed in accordance with the requirements mentioned in:

☐ paragraph 119.205(1)(m)
 ☐ paragraph 138.155(1)(m)
 ☐ paragraph 141.260(1)(s)
 ☐ paragraph 142.340(1)(t)

Inspector

☐ I recommend the significant change.

☐ I do not recommend the significant change.

Exposition/operations manual revision reference

Title		Version		Date		RMS reference number	
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Note: Regservices requires this information to create the EMAN in RMS.

☐ **Part 91: Taking off and landing in low visibility approval**

(1) For subregulation 91.315(1), the operator or pilot in command can be approved to conduct a low-visibility operation listed below, for the aircraft types specified.

Approach and landing

Aircraft type	Model	Category (e.g. SA CAT I)	RVR (m)

Take-off

Aircraft type	Model	RVR (m)

(2) The approval under subsection (1) is subject to the following conditions (if required):