

## Application for Low Visibility Operations Approval (LVO)

**Applicability:** Low Visibility Operations in accordance with OTAR Parts 121, 125 and 135.

**Guidance Reference:** OTAR 121 or 125 Subpart SPA Section IV and EU-OPS 1 Subpart E.

**Completion of form:** Each relevant box should be completed with a tick (√) or a (X). Items marked with an asterisk (\*) to be completed only for first aeroplane of each aeroplane type / model in operator's fleet. 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.

**Application:** Submit forms and application package referenced in Section 4 of application form to:  
Bermuda Civil Aviation Authority, attn: Flight Operations, P.O. Box GE218, St. George's GE BX, Bermuda  
Phone: (1) 441-293-1640, fax: (1) 441-293-2417 Email: [FlightOps@bcaa.bm](mailto:FlightOps@bcaa.bm)

### 1. GENERAL

General Information	
1. Applicant:	
2. Aeroplane Registration:	
3. Aeroplane Manufacturer:	
4. Aeroplane Type Designation / Model Designation:	
5. Serial No.:	
Scope of Application:	
6. <input type="checkbox"/> Category II <input type="checkbox"/> Category IIIA <input type="checkbox"/> Category IIIB	
7. Minima requested: _____ DH _____ RVR	
8. Application for low visibility take-off (below 400 m RVR)? <input type="checkbox"/> Yes (specify minima) _____ <input type="checkbox"/> No	
9. Initial request for LVO approval for aeroplane type referenced in 1.4? <input type="checkbox"/> Yes <input type="checkbox"/> No	

### 2. APPLICATION PACKAGE

Documentation to be submitted to BCAA	Submitted?	
	Yes	No
1. Compliance statement which shows how the criteria of OTAR 121 or 125 Subpart SPA Section IV and EU-OPS 1 Subpart E have been satisfied (*).	<input type="checkbox"/>	<input type="checkbox"/>
2. Sections of the AFM or AFM Supplements that document LVO airworthiness approval.	<input type="checkbox"/>	<input type="checkbox"/>
3. Flight crew LVO training programme and syllabi for initial and recurrent training (*).	<input type="checkbox"/>	<input type="checkbox"/>
4. Copy of simulator approval/qualification for simulator to be used for LVO training (*).	<input type="checkbox"/>	<input type="checkbox"/>
5. Operation manuals and checklists that include LVO operating practices and procedures (OM-A, OMB, OM-D, AOM, FCOM, Route Manuals, stand-alone LVO manual, etc.) (*).	<input type="checkbox"/>	<input type="checkbox"/>
6. Nominees for Company Check Pilots and copies of TRI/TRE authorizations (if applicable)	<input type="checkbox"/>	<input type="checkbox"/>
7. Minimum Equipment List (MEL) that include items pertinent to LVO operations (*).	<input type="checkbox"/>	<input type="checkbox"/>
8. Maintenance program or revision thereof that include items pertinent to LVO equipment (*).	<input type="checkbox"/>	<input type="checkbox"/>
9. LVO maintenance practices & procedures (MME, maintenance program, stand-alone document) (*).	<input type="checkbox"/>	<input type="checkbox"/>

10. Service Bulletin, Supplemental Type Certificate (STC) or Major Modification Approval Documentation, if approval based on documents as detailed in 2.4 above (except if based on approved type design)	<input type="checkbox"/>	<input type="checkbox"/>
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### 3. AIRWORTHINESS

Type Design Approval for referenced Aeroplane Type Designation	
1. The LVO type design approval is reflected in: <input type="checkbox"/> AFM <input type="checkbox"/> AFM Supplement <input type="checkbox"/> Type Certification Data Sheet <input type="checkbox"/> Supplemental Type Certificate <input type="checkbox"/> Other:	(BCAA use only)
2. Aeroplane Flight Manual (Supplement) shows following airworthiness approval for LVO systems installation: <input type="checkbox"/> Category II <input type="checkbox"/> Category III <input type="checkbox"/> Category IIIB	(BCAA use only) Minima: _____ DH   _____ RVR
System Eligibility for referenced Aeroplane Serial Number	
3. System manufacturer / model installed (e.g. Flight Guidance System (FGS)): Make: _____ Model: _____ TSO- Make: _____ Model: _____ TSO- Make: _____ Model: _____ TSO-	
4. The approval of the LVO systems installation is based on: <input type="checkbox"/> Type design <input type="checkbox"/> FAA STC <input type="checkbox"/> JAA / EASA STC <input type="checkbox"/> Service Bulletin <input type="checkbox"/> BCAA Major Modification <input type="checkbox"/> Other:	
Maintenance Program (*)	
5. The applicant should have an established Maintenance Program that contains all LVO related maintenance requirements prescribed by the manufacturer or design organization.	(BCAA use only) LVO Maintenance program acceptable? <input type="checkbox"/> <b>Yes</b> <input type="checkbox"/> <b>No</b> Signature: _____
Minimum Equipment List (MEL) (*)	
6. The applicant should revise the relevant parts of the MEL to reflect system requirements (e.g. redundancy levels) appropriate to the intended LVO operations.	Minimum Equipment List acceptable? <input type="checkbox"/> <b>Yes</b> <input type="checkbox"/> <b>No</b> Signature: _____
Maintenance Practices and Procedures (*)	
	(BCAA use only) <b>Acceptable?</b> <input type="checkbox"/> <b>Yes</b> <input type="checkbox"/> <b>No</b> Signature: _____
The applicant must institute procedures in respect of continuing airworthiness practices for LVO. These procedures should cover the following subjects:	<i>To be completed by applicant</i> LVO Maintenance Practices and Procedures are described in (add manual reference, chapter and subchapter):
7. Maintenance of LVO equipment (adherence to manufacturer's maintenance instructions, modification procedures, repair procedures, system calibration policy, LVO maintenance practices, handling of onboard systems, etc.).	
8. Action for non-compliant aeroplane (downgrading, technical log entries, corrective actions, placarding, upgrading, release to service procedures, monitoring and reporting of repetitive defects, reliability reporting, reporting to the BCAA, etc.).	

9. Maintenance training (initial training and recurrent training of applicant's maintenance management staff and contractor's maintenance personnel, training syllabi qualification of maintenance personnel, etc.).	
10. Test equipment (use of test equipment, handling, calibration, etc.).	

#### 4. OPERATIONS

<b>Operating Practices and Procedures (*)</b>	<i>(BCAA use only)</i> <b>Acceptable?</b> <input type="checkbox"/> Yes <input type="checkbox"/> No Signature: _____	
The applicant must institute LVO Operating Practices and Procedures. These practices and procedures should cover the following subjects ( <i>see BCAA Form 9541 for additional details</i> ):	<i>To be completed by applicant</i> LVO operating policies & procedures are described in (add manual reference, chapter & sub-chapter):	
1. Flight planning procedures (LVO status of aeroplane, review of technical log, use of minimum equipment list (MEL), external inspection (navigation antennas), etc.).		
2. Requirements and normal procedures for Cat II/III approach (flight profiles, crew co-ordination, monitoring, decision/alert height, call-outs, aeroplane configurations, minimum equipment in flight, continuation of approach, etc.)		
3. Requirements and procedures for low visibility take-off.		
4. Requirements and procedures on the ground.		
5. Procedures with respect to flight crew response to abnormal situations (response to non-normal events, etc.).		
6. Post-flight procedures (technical log entries, defects description, etc.).		
7. Continuous monitoring of low visibility operations & records		
<b>Flight Crew Training and Qualification (*)</b>	<i>(BCAA use only)</i> : <b>Acceptable?</b> <input type="checkbox"/> Yes <input type="checkbox"/> No Signature: _____	
The applicant is required to establish the following (covering the subjects under 4.1 to 4.7) ( <i>see Appendix 1 to SPA.015 LVO for additional details</i> )	<i>To be completed by applicant</i> Description in (add manual reference, chapter & subchapter):	
8. Flight crew qualification requirements.		
9. Description of initial and recurrent training, checking and training-syllabi, use of simulator.		

#### 5. APPLICANT'S STATEMENT

The undersigned certifies the above information to be correct and true and that the aeroplane system installation, continuing airworthiness of systems, minimum equipment for dispatch, operating procedures and flight crew training comply with the requirements of OTAR 121 or 125 Subpart SPA Section IV and EU-OPS 1 Subpart E.		
<b>Name of individual responsible for Operations:</b>	<b>Signature:</b>	<b>Date:</b>

<b>Name of individual responsible for Maintenance:</b>	<b>Signature:</b>	<b>Date:</b>

**(For BCAA use only)**

Subject	BCAA	Date	Signature
1. Application package checked for completeness.	OPS / AIR		
2. BCAA File Reference:	OPS		
3. Airworthiness Approval granted (Appendix to Certificate of Airworthiness)	AIR		
4. Recommended Minima ( <i>taking into account applicant's LVO experience</i> )	OPS	_____ DH _____ RVR	
5. Operational Approval granted (Ops Spec or Approval).	OPS		
6. Pilot cards issued.	OPS		
7. CCP authorization issued (if appropriate)	OPS		
8. Invoice generated	ACC		

The following publications should be consulted for more information on LVO:

- OTAR 121 or 125 Subpart SPA Section IV
- EU OPS 1, Subpart E
- JAR TGL 12
- FAA AC120-29A
- FAA AC 120-28D