

STATE OF LIBYA
MINISTRY OF TRANSPORT
CIVIL AVIATION AUTHORITY
FLIGHT SAFETY DEPARTMENT



دولة ليبيا
وزارة المواصلات
مصلحة الطيران المدني
ادارة سلامة الطيران

Flight Operations Section

Commercial Air Transport (A) - Application For LVO Operational Approval / Renewal

Submit at least 60 days before the intended date of operations

APPLICATION FOR LOW VISIBILITY OPERATIONS APPROVAL

Applicants are strongly advised to read the ' Notes for Completion' before completing the form. Please complete the form in BLOCK CAPITALS using black or dark blue ink.

This form is designed to elicit all the required information from those operators wishing to gain operational approval to operate to:

- lower than Standard CAT I;
- CAT II;
- other than Standard CAT II; or
- CAT III

approach minima and to take off in less than 150 m visibility for Category A, B and C aircraft, and less than 200 m for Category D aircraft.

(Note: Take-off in less than 400 m visibility but more than 150 m/200 m is now subject to formal approval).

Please contact the CAA at the address given in Section II, paragraph 4.) The completed form and supporting documentation should be submitted to the Intelligence, Strategy and Policy department of the Safety and Airspace Regulation Group at the address listed in the 'Notes for Completion'.

Section I	Page 1	Operator/Airframe Details	Completion mandatory
Section II	Page 2	Notes For Completion	
Section III	Page 2	Signature Block	Completion mandatory
Section IV	Pages 3 to 7	Operator's Submissions Matrix	Completion mandatory

SECTION I OPERATOR/AIRFRAME DETAILS

1 Applicant Details - required for all Approval requests	
Please give the official name and business or trading name(s), address, mailing address, e-mail address and contact telephone/fax numbers of the applicant. Note: For AOC holders - company name, AOC number and e-mail address will suffice.	
2 Aircraft Details - required for all Approval requests	
Aeroplane type(s) or fleets (if a fleet has more than one variant, complete second column).	
Aeroplane Type or Fleet	Variant

SECTION II LVO NOTES FOR COMPLETION

1 Applicability
<p>LYCARs - Ops Part-SPA.LVO outlines the procedures, minima and training requirements for conducting approaches using:</p> <ul style="list-style-type: none"> • lower than Standard CAT I; • CAT II; • other than Standard CAT II; and • CAT III approach minima. It also covers procedures, minima and training requirements for conducting take-offs in visibility less than 150 m (aircraft Category A, B and C) or 200 m (aircraft Category D). <p>This application form should not be used for Enhanced Visual Systems (EVS) approval application or RNP Approach Operations approval application</p> <p>Reference material:</p> <ul style="list-style-type: none"> • LYCARs - Ops (in particular Part-SPA.LVO); • ICAO Doc. 8168 (PANS-OPS); • ICAO Doc. 9365 (Manual of All Weather Operations); and <p>Formal approval will normally be subject to a flight and simulator observation.</p>

2 Operator's Submissions Matrix	
Section IV of this application form is the Operator's Submissions Matrix. All applicants should complete Column 4 of this matrix in full. Failure to complete the Submissions Matrix may result in a delay in processing your application.	
3 Documents to be included with the application	
Copies of all documents referred to in Column 4 of the Operator's Submissions Matrix should be included when returning the completed application form to the Civil Aviation Authority. Original documents should not be sent, photocopies are sufficient. Do not send complete manuals, only the relevant sections/pages will be required. Failure to include all relevant documentation may result in a delay in processing your application.	
4 Submissions and Enquiries	
Address for submissions: LYCAA Flight Safety Department Operation Section Main Office E-mail ops@flightsafety.caa.gov.ly	Contact details for enquiries:
Note: Applications by companies for non-AOC operators must be accompanied by the appropriate fee. See Official Record Series 5 (General Aviation)	

SECTION III SIGNATURE BLOCK

Signature:Name (BLOCK LETTERS) :Appointment Date:
Please note that a minimum of 60 working days will normally be required to check and confirm the information given above - if data is missing or omitted the process may take considerably longer.

SECTION IV APPLICANT'S SUBMISSIONS MATRIX

Main Heading	Expanded areas to be addressed by application	Sub-requirement	Operator's Operations Manual Reference or Document Reference
<p>1.0 Reference Documents used in compiling submission</p>	<p>Your submission should be based on current up to date regulatory material.</p> <p>You should publish a compliance statement showing how the criteria of LYCARs- Ops and ICAO Doc. 9365 (where appropriate) have been satisfied.</p> <p>You should state exactly what type of approval you are applying for, e.g. CAT II or III, low visibility take-off, etc.</p>		
<p>2.0 Aircraft Flight Manual (AFM)</p>	<p>A copy of the relevant AFM entry showing the aircraft certification standard for operations.</p>		
<p>3.0 Operational demonstration</p>	<p>Requirements given in LYCARs- Ops AMC1 SPA.LVO.105.</p> <p>Continuous monitoring programme.</p>		
<p>4.0 Operations Manuals</p>	<p>Outline your process for reporting of failures in the operational use of procedures.</p>	<p>Note: In particular, significant problems with the Autoland/HUDLS systems (as appropriate), in particular reporting on circumstances/ locations where the Autoland/HUDLS was unsatisfactory.</p>	
<p>5.0 Approach plate supplier and Operating Minima</p>	<p>Who is your approach plate supplier?</p> <p>Eligible runways.</p> <p>Confirmation that all minima are calculated in accordance with LYCARs-Ops Part SPA.LVO.</p>		

Main Heading	Expanded areas to be addressed by application	Sub-requirement	Operator's Operations Manual Reference or Document Reference
<p>6.0 Operations Manual entries and Standard Operating Procedures</p>	<p>Manufacturer/operator developed.</p> <p>Manufacturer's procedures recommended as starting point and must include at least the following.</p>	<p>Definitions.</p> <p>Crew qualifications for operations. Equipment required for operations. MEL handling.</p> <p>Low Visibility Take-Off:</p> <ul style="list-style-type: none"> • Taxiing in low visibility conditions. • Take-off minima and lighting. • Crew visual visibility assessment. • Crew responsibilities/handling. • Visual references required. • Approved lateral guidance system. • ATC calls. • Contingency procedures including: <ul style="list-style-type: none"> • engine failure between V1 and VR; and • rejected take-off. 	

Main Heading	Expanded areas to be addressed by application	Sub-requirement	Operator's Operations Manual Reference or Document Reference
6.0 Operations Manual entries and Standard Operating Procedures (continued)		Approach and landing: <ul style="list-style-type: none"> • Modes of operation. • Statement that autopilot/flight director must be used whenever possible. • fuel considerations. • Minimum visual references for landing. • Approach Ban and RVR. • Cross-wind limits. • Effect of irregular pre-threshold terrain. • Stabilised Approach Criteria. • Correct seating and eye position. • Designation of PF and PNF and their duties. • Use of automatic flight control system. • Checklist handling. • Approach briefing. • Radio communications handling. • Monitoring and cross-checking of instruments and radio aids. • Cockpit call outs. • Contingency procedures including: • Use of equipment downgrade list; • failures above and below decision height; • ILS deviation warnings; • autopilot disconnect; • auto-throttle disconnect; • electrical failures; • engine failure; • failures and loss of visual references at or below decision height; and • pilot incapacitation. 	

LVO Modular Training Package

Type of Operation	Training Required	Training Means	Operator's Operations Manual Reference or Document Reference
Ground school training	Syllabus should follow guidelines in LYCARs-Ops, in particular Part-SPA.LVO.120 (should also include all the items in paragraph 6 above).		
Flight crew qualification and training (simulator/flight training)	Syllabus should follow guidelines in LYCARs - Ops, in particular Part-SPA.LVO.120. Initial qualification requirements. Recurrent/revalidation requirements. Recency requirements.		

Any Further Comments to Support Your application: