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APPLICATION FOR OPERATIONAL APPROVAL

LOW VISIBILITY OPERATIONS INCLUDING CATEGORY II, III & LOW VISIBILITY TAKE-OFF

Part 1 Applicant details

Name of organisation			
AOC holder / applicant? <input checked="" type="checkbox"/>	YES		NO
Postal address			
Person responsible for application			
Email			
Telephone		Cellphone	

Part 2 Technical details

Aeroplane type 1			
LVTO minima	RVR		
CAT II minima	RVR		DH
CAT IIIA minima	RVR		DH
CAT IIIB minima	RVR		DH

Aeroplane type 2			
LVTO minima	RVR		
CAT II minima	RVR		DH
CAT IIIA minima	RVR		DH
CAT IIIB minima	RVR		DH

Aeroplane type 3			
LVTO minima	RVR		
CAT II minima	RVR		DH
CAT IIIA minima	RVR		DH
CAT IIIB minima	RVR		DH

Part 3 Signature of applicant (if submitted in hard copy)

	Date	
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Part 4 Compliance Statement / Inspector Checklist

The applicant hereby submits the following documentation to support the application:

		NCAA use only	
Document requirement	Title of document(s) submitted	Compliant? Yes / No	Inspector remarks
1. Aeroplane and Equipment Requirements			
<p>Demonstration of compliance with aeroplane and equipment requirements: AFM, AFM supplement, STC or equivalent documentation which shows that the aeroplane and installed equipment are certified for operation to the minimum decision heights stated in the application.</p> <p>Such certification shall be in accordance with the certification standard(s) of the state or region of design of the aeroplane type (EASA CS-AWO or recognised equivalent).</p>			
2. Continuing Airworthiness Requirements			
<p>A maintenance programme and supporting documentation developed in accordance with FAA Advisory Circular 120-28C, or Annex I to Regulation (EC) No 2042/2003 (Part-M) or recognised equivalent, including:</p> <ul style="list-style-type: none"> • Maintenance & inspection schedules • Special techniques • Control of modifications affecting CAT II/III capability • Test equipment requirements • Functional check flights • Procedures for controlling the operational status of each aeroplane 			

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2. Continuing Airworthiness Requirements (continued)			
Initial and recurrent training programmes, qualification procedures and records of training for personnel conducting maintenance and inspections for CAT II/III systems and components.			
A programme for monitoring and maintaining the reliability of CAT II/II systems and components.			
An MEL which clearly states the effect of equipment defects upon the CAT II/III dispatch status of the aeroplane, and associated maintenance (M) and operational (O) procedures.			
3. Aerodrome Operating Minima (AOM) Requirements.			
Take-off minima in accordance with NAMCATS 121.08.10 / 135.08.10 and NAMCARS 91.08.2			
Approved take-off RVR of less than 150m for Category A, B,C and D aeroplanes, or RVR of less than 200m for Category E aeroplanes published by the state of the aerodrome.			
Lowest minima for CAT II operations			

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4. Aerodrome Operating Minima (AOM) Requirements (continued)			
Lowest minima for CAT III operations			
State and aerodrome approvals			
5. Operating Procedures			
Integrated manufacturer / operator procedures			
Crew coordination and monitoring			

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5. Operating Procedures (continued)			
LVTO Normal procedures: <ul style="list-style-type: none"> • Planning requirements, including runway lighting status, activation of aerodrome LVPs & crew qualification • Compliance with requirements for take-off alternate aerodrome • Taxi procedures including crew coordination for ground navigation in low visibility • Emphasis on the need to maintain situational awareness • Specified minimum reported visibility/RVR for taxi; • Instructions to obey CATII/III holding point markings, signs and lights; • Emphasis on the need to verify that the specified RVR for take-off is reported, and confirmation that a 90m visual segment is available, prior to commencing the take-off roll • Allocation of duties for PIC and SIC for taxi and take-off if different from duties for normal take-off, and; • Content of relevant crew briefings. 			

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5. Operating Procedures (continued)			
LVTO Abnormal & Emergency procedures <ul style="list-style-type: none"> • Conditions and procedures for rejected take-off (RTO), including emphasis on the risks associated with RTO close to V1 • Actions in the event of pilot incapacitation • Actions in the event of engine failure and fire • Emphasis on the need, throughout any abnormal or emergency manoeuvre for the PM to monitor instrumentation (head inside) and for the PF to maintain directional control (head outside) • Content of relevant crew briefings. 			
CAT II/III Normal procedures <ul style="list-style-type: none"> • Ground and in-flight planning requirements including verification of aerodrome CAT II/III status, activation of aerodrome low visibility procedures and crew qualification status Requirements for destination alternate aerodrome and alternate fuel considerations • Checks for the satisfactory functioning of aeroplane equipment, both before departure and in flight • Effect on minima caused by changes in status of the ground installations and airborne equipment • Procedures for the take-off, approach, flare, landing, roll-out and missed approach • The minimum visual reference required • The importance of correct seating and eye position • Action that may be necessary arising from a deterioration of the visual reference 			

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6. Operating Procedures (continued)			
CAT II/III Normal procedures (continued) <ul style="list-style-type: none"> • Allocation of crew duties to allow the pilot-in-command/commander to devote himself mainly to supervision and decision making • The rule for all height calls below 200 ft to be based on the radio altimeter and for one pilot to continue to monitor the aeroplane instruments until the landing is completed • The rule for the localiser sensitive area to be protected • The use of information relating to wind velocity, wind shear, turbulence, runway contamination and use of multiple RVR assessments • Procedures to be used for practice approaches and landing on runways at which the full CAT II or CAT III aerodrome procedures are not in force • Operating limitations resulting from airworthiness certification • Information on the maximum deviation allowed from the ILS glide path and/or localiser • Content of relevant crew briefings • Information on eligible aerodromes and runways for CAT II/III operations 			

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7. Operating Procedures (continued)			
CAT II/III Abnormal & Emergency procedures <ul style="list-style-type: none"> • Definition of actions to be taken at defined stages of the approach and landing, including actions above or below DH • Actions to be taken in the event of ground ILS equipment failure or downgrade • Actions to be taken in the event of ground lighting failure or downgrade • Action to be taken in the event of aeroplane malfunction, including malfunctions which annunciate approach and/or autoland status changes and those which do not generate such annunciations • Action to be taken in the event of autopilot disconnect or loss of flight guidance system • Action to be taken when required visual reference is lost below DH • Action to be taken in the event of crew incapacitation • Content of relevant crew briefings. • Specific instructions regarding autopilot disconnect / FG & autoland failure below DH 			
Effect on Landing Minima of Temporarily Failed or Downgraded Ground Equipment.			
Automatic landings in conditions other than required for CAT III approaches			

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9. Flight Crew Qualification, Training & Checking			
Safety case to support application for abbreviated training			
Initial ground training programme i.a.w. NAM CAT 91.08.4 / 121.12.4 / 135.12.4 para. 2.			
Initial simulator training and flight training i.a.w. NAM CAT 91.08.4 / 121.12.4 / 135.12.4 para 3.			
Conversion training i.a.w. NAM CAT 91.08.4 / 121.12.4 / 135.12.4 para 4.			
Type & Command experience i.a.w. NAM CAT 91.08.4 / 121.12.4 / 135.12.4 para 5.			
Initial LVTO training i.a.w. NAM CAT 91.08.4 / 121.12.4 / 135.12.4 para 6.			
Recurrent training & checking i.a.w. NAM CAT 91.08.4 / 121.12.4 / 135.12.4 para 7			

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9. Flight Crew Qualification, Training & Checking (continued)			
Recency requirements i.a.w. NAM CAT 91.08.4 / 121.12.4 / 135.12.4 para 8			
Instructions for practice approach and landing using approved CAT II/III procedures			
10. Operator Implementation Requirements			
Safety case to support applications for abbreviated implementation requirements			
Demonstration of minimum experience with CAT I operations			
Programme of operational demonstrations, including: <ul style="list-style-type: none"> • Data collection method / report forms • Instructions to flight crew for data collection • Conditions for valid demonstration • Criteria for multiple aeroplane types • Criteria for extension of programme 			

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11. Operator Implementation Requirements (continued)			
Data collection & analysis. <ul style="list-style-type: none"> • Deficiencies related to airborne equipment that preclude initiation of CAT II/III approach. • Reasons and circumstances for abandoned approaches • Criteria for a successful CAT II, CAT III approach and automatic landing • Details of, and reasons for deviations • Criteria for unsuccessful approaches which may be excluded from the analysis 			
12. Continuous Monitoring			
Programme for continuous monitoring			
Retention of monitoring records			