



Instructions for Use:

1. Check **C** column if you determine the document or individual item conforms to requirements.
2. Check **N/C** column if you determine that the document or individual line item does not comply (put a marker tab in the manual with a short note opposite the non-complying item).
3. Check **N/Ckd** if the item was not checked. Reasons should be given in remarks column.
4. Check **N/A** column if it is not applicable or you do not have adequate information to make a valid comment.
5. Coordination is required between FOPS and PEL as necessary. The respective inspector shall sign on the last column after reviewing the item.
6. Use the remarks column at the end for overall remarks or observations. For detailed findings inspectors should also use the FSS-GEN-FORM 39: Audit Inspection Report Form. Attach to this checklist

EVALUATE FLIGHT SIMULATOR STANDARDS			
FSS-OPS-FORM 040 A			
Operator File Reference	Inspector's Name	Date of Inspection Request	Date Inspection Completed
	RICHARD BECKER	NO INSPECTION DONE	
Name of Operator/Applicant	Contact Person and Phone No.	Regulatory Reference	Inspector Handbook Ref.
AIR NAMIBIA			
Aircraft Make/Model/Series	Simulator Location	Sim. Approval Authority	
A320	JAKARTA INDONESIA	EASA	

S/N	CONFORMANCE WITH	
1.	ICAO Standards	N/A <input checked="" type="checkbox"/> C <input type="checkbox"/> N/C <input type="checkbox"/> N/Ckd <input type="checkbox"/>
2.	EASA Standards	N/A <input type="checkbox"/> C <input checked="" type="checkbox"/> N/C <input type="checkbox"/> N/Ckd <input type="checkbox"/>
3.	FAA Standard	N/A <input checked="" type="checkbox"/> C <input type="checkbox"/> N/C <input type="checkbox"/> N/Ckd <input type="checkbox"/>
4.	Copies of approvals/documents issued by certifying state authority / state of operator	N/A <input type="checkbox"/> C <input checked="" type="checkbox"/> N/C <input type="checkbox"/> N/Ckd <input type="checkbox"/>
GENERAL		
5.	Simulator operating instructions available	N/A <input type="checkbox"/> C <input type="checkbox"/> N/C <input type="checkbox"/> N/Ckd <input checked="" type="checkbox"/>
6.	Cockpit, a full scale replica of the aeroplane simulated	N/A <input type="checkbox"/> C <input type="checkbox"/> N/C <input type="checkbox"/> N/Ckd <input checked="" type="checkbox"/>
7.	Direction of movement of control and switches identical to that in the Aeroplane	N/A <input type="checkbox"/> C <input type="checkbox"/> N/C <input type="checkbox"/> N/Ckd <input checked="" type="checkbox"/>
8.	Does the cockpit, for simulator purpose, consist of all that space forward of a cross section of the fuselage	N/A <input type="checkbox"/> C <input type="checkbox"/> N/C <input type="checkbox"/> N/Ckd <input checked="" type="checkbox"/>
9.	Do additional required crew member duty stations and those required bulkheads of the pilots' seats, (considered part of the cockpit) replicate the aeroplane	N/A <input type="checkbox"/> C <input type="checkbox"/> N/C <input type="checkbox"/> N/Ckd <input checked="" type="checkbox"/>
10.	Are circuit breakers properly located and functionally accurate	N/A <input type="checkbox"/> C <input type="checkbox"/> N/C <input type="checkbox"/> N/Ckd <input checked="" type="checkbox"/>
11.	Do the effects of aerodynamic changes for various combination of drag and thrust normally encountered in flight, correspond to actual flight conditions	N/A <input type="checkbox"/> C <input type="checkbox"/> N/C <input type="checkbox"/> N/Ckd <input checked="" type="checkbox"/>
12.	Effects of change in aeroplane altitude, thrust, drag, attitude, temperature, gross weight, center of gravity location, and configuration	N/A <input type="checkbox"/> C <input type="checkbox"/> N/C <input type="checkbox"/> N/Ckd <input checked="" type="checkbox"/>
13.	Relevant instrument indications involved in the situation of the applicable aeroplane, automatically respond to control movement by crew or induced disturbance to the simulated aeroplane: e.g. turbulence or windshear	N/A <input type="checkbox"/> C <input type="checkbox"/> N/C <input type="checkbox"/> N/Ckd <input checked="" type="checkbox"/>
14.	Communication, Navigation and Caution and Warning equipment correspond to that installed in the applications aeroplane	N/A <input type="checkbox"/> C <input type="checkbox"/> N/C <input type="checkbox"/> N/Ckd <input checked="" type="checkbox"/>
15.	Are there observer seats available for the Examiner and Authority inspector	N/A <input type="checkbox"/> C <input type="checkbox"/> N/C <input type="checkbox"/> N/Ckd <input checked="" type="checkbox"/>
16.	Simulator systems should simulate applicable aeroplane system operation both on the ground and in flight, accomplish normal abnormal and emergency procedures.	N/A <input type="checkbox"/> C <input type="checkbox"/> N/C <input type="checkbox"/> N/Ckd <input checked="" type="checkbox"/>
17.	Instructor controls to control all required system variables and insert abnormal or emergency conditions	N/A <input type="checkbox"/> C <input type="checkbox"/> N/C <input type="checkbox"/> N/Ckd <input checked="" type="checkbox"/>
18.	Control forces and control travel correspond to that of the replicated aeroplane	N/A <input type="checkbox"/> C <input type="checkbox"/> N/C <input type="checkbox"/> N/Ckd <input checked="" type="checkbox"/>
19.	Cockpit sounds which result from pilot actions corresponding to those of the aeroplane	N/A <input type="checkbox"/> C <input type="checkbox"/> N/C <input type="checkbox"/> N/Ckd <input checked="" type="checkbox"/>
20.	Sounds and aeroplane noise perceptible to the pilot	N/A <input type="checkbox"/> C <input type="checkbox"/> N/C <input type="checkbox"/> N/Ckd <input checked="" type="checkbox"/>
21.	The ground handling and aerodynamic programme comply with standard provisions	N/A <input type="checkbox"/> C <input type="checkbox"/> N/C <input type="checkbox"/> N/Ckd <input checked="" type="checkbox"/>

22.	Windshear models, which provide training in specific skills, comply with standard provisions	N/A <input type="checkbox"/> C <input type="checkbox"/> N/C <input type="checkbox"/> N/Ckd <input checked="" type="checkbox"/>
23.	Instructor station has controls for wind speed and direction	N/A <input type="checkbox"/> C <input type="checkbox"/> N/C <input type="checkbox"/> N/Ckd <input checked="" type="checkbox"/>
24.	Simulator complies with required provisions	N/A <input type="checkbox"/> C <input type="checkbox"/> N/C <input type="checkbox"/> N/Ckd <input checked="" type="checkbox"/>
25.	Simulator has a means for quickly and effectively testing Programming and hardware	N/A <input type="checkbox"/> C <input type="checkbox"/> N/C <input type="checkbox"/> N/Ckd <input checked="" type="checkbox"/>
26.	Control feel dynamics and relative integrated sensory cues tested in the last CAA approval	N/A <input type="checkbox"/> C <input type="checkbox"/> N/C <input type="checkbox"/> N/Ckd <input checked="" type="checkbox"/>
27.	Daily preflight documentation easily accessible for review	N/A <input type="checkbox"/> C <input type="checkbox"/> N/C <input type="checkbox"/> N/Ckd <input checked="" type="checkbox"/>
MOTION SYSTEM		
28.	Motion cues e.g. touchdown cues a function of the simulated rate of descent	N/A <input type="checkbox"/> C <input type="checkbox"/> N/C <input type="checkbox"/> N/Ckd <input checked="" type="checkbox"/>
29.	Motion system in compliance with requisite standards	N/A <input type="checkbox"/> C <input type="checkbox"/> N/C <input type="checkbox"/> N/Ckd <input checked="" type="checkbox"/>
30.	Means of recording Motion response time for comparison with aeroplane data	N/A <input type="checkbox"/> C <input type="checkbox"/> N/C <input type="checkbox"/> N/Ckd <input checked="" type="checkbox"/>
31.	Special effects programming	N/A <input type="checkbox"/> C <input type="checkbox"/> N/C <input type="checkbox"/> N/Ckd <input checked="" type="checkbox"/>
32.	Characteristic buffet motions	N/A <input type="checkbox"/> C <input type="checkbox"/> N/C <input type="checkbox"/> N/Ckd <input checked="" type="checkbox"/>
VISUAL SYSTEM		
33.	Visual system capable of meeting all standards (validation Functional and Subjective Tests).	N/A <input type="checkbox"/> C <input type="checkbox"/> N/C <input type="checkbox"/> N/Ckd <input checked="" type="checkbox"/>
34.	Continuous minimum collimated visual field-of-view as specified.	N/A <input type="checkbox"/> C <input type="checkbox"/> N/C <input type="checkbox"/> N/Ckd <input checked="" type="checkbox"/>
35.	A means of recording the visual response time for visual systems.	N/A <input type="checkbox"/> C <input type="checkbox"/> N/C <input type="checkbox"/> N/Ckd <input checked="" type="checkbox"/>
36.	Verification of visual ground segment visual scene content at a decision height on landing approach.	N/A <input type="checkbox"/> C <input type="checkbox"/> N/C <input type="checkbox"/> N/Ckd <input checked="" type="checkbox"/>
37.	Visual cues to assess sink rate and depth perception during T/O and landing.	N/A <input type="checkbox"/> C <input type="checkbox"/> N/C <input type="checkbox"/> N/Ckd <input checked="" type="checkbox"/>
38.	Test procedures to confirm visual system colour, RVR, focus, intensity, level horizon, and attitude compared with the simulated attitude indicator.	N/A <input type="checkbox"/> C <input type="checkbox"/> N/C <input type="checkbox"/> N/Ckd <input checked="" type="checkbox"/>
39.	Duck scene to enable identification of visible horizon and terrain characteristics.	N/A <input type="checkbox"/> C <input type="checkbox"/> N/C <input type="checkbox"/> N/Ckd <input checked="" type="checkbox"/>
40.	A minimum of ten levels of occulting.	N/A <input type="checkbox"/> C <input type="checkbox"/> N/C <input type="checkbox"/> N/Ckd <input checked="" type="checkbox"/>
41.	Demonstration of surface resolution confirmed by calculations in the statement of compliance.	N/A <input type="checkbox"/> C <input type="checkbox"/> N/C <input type="checkbox"/> N/Ckd <input checked="" type="checkbox"/>
42.	Light point size	N/A <input type="checkbox"/> C <input type="checkbox"/> N/C <input type="checkbox"/> N/Ckd <input checked="" type="checkbox"/>
43.	Light point contrast ration	N/A <input type="checkbox"/> C <input type="checkbox"/> N/C <input type="checkbox"/> N/Ckd <input checked="" type="checkbox"/>
44.	Daylight, Dusk (twilight) and night scenes to recognize airport, the terrain and major landmarks for a visual landing.	N/A <input type="checkbox"/> C <input type="checkbox"/> N/C <input type="checkbox"/> N/Ckd <input checked="" type="checkbox"/>

INSPECTOR REMARKS & OBSERVATIONS

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Recommended for Approval/Not Recommended

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Inspector Name and Signature

Date

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Chief of Flight Operations Remarks

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Name and Signature

Date

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