



# FLIGHT SIMULATOR QUALIFICATION CERTIFICATE

TO BE READ TOGETHER WITH THE ATTACHED FLIGHT SIMULATOR SPECIFICATIONS

<p>State of the Operator</p> <p><b>SOUTH AFRICA</b></p>		
<p>Issuing Authority</p> <p><b>SOUTH AFRICAN CIVIL AVIATION AUTHORITY</b></p>		
<p>Certificate No: FO5407</p>	<p>Registration No: ZF-016</p>	<p>Qualification Level: D</p>
<p>Expiry Date:</p> <p>19 April 2012</p>	<p>Type/Variant of Aircraft:</p> <p>Beechcraft 1900D</p>	<p>Operator's Address:</p> <p>P.O. Box 7246 Bonaero Park 1622 South Africa</p> <p>Telephone: +27 11 927 3414 Fax: +27 11 252 9338 <a href="mailto:e.kaufmann@sim-aerotraining.co.za">e.kaufmann@sim-aerotraining.co.za</a></p>
<p>Location:</p> <p>Denel Aviation North Hangar 7A Atlas Road Bonaero Park Kempton Park 1619</p>	<p>Name of Certificate Holder:</p> <p><b>SIM AEROTRAINING (PTY) LTD</b></p>	
<p>It is hereby certified that the FSTD has satisfied the Qualification Level D requirements prescribed in the SCAA-FSTD A and is hereby approved for the purposes specified in the South African Civil Aviation Regulations, Part 61.01.13, Part 121.03.6 and Part 135.07.06. The flight simulator complies with the attached specifications. This Certificate is not transferable.</p>		
<p>Date of Issue:</p> <p>19 April 2011</p>		<p><b>Johan Niemand</b> Manager Flight Operations: Part 12 Civil Aviation Authority</p>
<p>Issued at:</p> <p>MIDRAND SOUTH AFRICA</p>	<p>SIGNATURE</p>	<p>NAME AND TITLE</p>
	<p>SENIOR MANAGER: FLIGHT OPERATIONS</p>	
<p>This certificate was issued without any alteration or erasure</p>		

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**FLIGHT SIMULATOR SPECIFICATIONS  
REG No: ZF-016**

a.	<b>Type/Variant of Aircraft</b>	Beechcraft 1900D
b.	<b>Flight Simulator Qualification Level</b>	SACAA-FSTD LEVEL D
c.	<b>Visual System</b>	FSI-VSS VITAL 9 - 180 ° X 40° FOV
d.	<b>Motion System</b>	36-Inch Digital 6 - DOF with Optical Interface.
e.	<b>Engine Fit</b>	Pratt & Whitney PT6A-67D
f.	<b>Flight Management System Fit</b>	Nil
g.	<b>TCAS Fit</b>	Version 7
h.	<b>Training, Testing and Checking Considerations:</b>	
	CAT I	RVR – 550m DH – 200ft
	CAT II	RVR – 300m DH – 100ft
	CAT IIIA	RVR – 200m DH – 50ft
	CAT IIIB	RVR – 75m DH – 50ft
	CAT IIIC	RVR – 0m DH – 0ft
	LVTO	RVR – 125m
	Precision Approaches	ILS
	Non - Precision Approaches	(LOC, VOR,NDB,DME)
	Auto-coupled Approach	YES
	Auto-Land	NO
	Recency	YES
	IFR Training and Checking	YES / YES
	Type Rating	YES
	Operator Proficiency Checks	YES
	Recurrent Training and Checking	YES
	TCAS II	YES
	Windshear Avoidance and Recovery Training	YES
	WX-Radar	YES
	GWPS / EGPWS Training	YES / YES
	Circling Approaches	NO
	<b>Restrictions / Limitations: No Smoke in Cockpit Training</b>	