

# AIRCRAFT TRAINING FOR MULTI-CREW AIRCRAFT TYPES



<b>Instructions</b> 1. The aircraft training must be conducted minimally by an FI. 2. This aircraft training is not applicable to candidates who qualify for Zero Flight Time Training or have been assessed as current on the aircraft type. 3. A refresher training session in the FSTD must be completed prior to the conduct of this aircraft training should this aircraft training takes place more than 21 days from the completion of the Aircraft Rating Test (FC32A), 4. The refresher training shall comprise of all the items marked "M" for the renewal of Aircraft Rating Test (FC32A). 5. The refresher training must be attached and submitted with this form. 6. For MPL candidates, a minimum of 6 take-offs and landings are required, of which 5 may be from a touch and go.		
<b>Name of Candidate:</b>		<b>Licence No./ PID No.:</b>
<b>Aircraft Type:</b>	<b>Aircraft Registration:</b>	<b>Training Airport used:</b>
<b>Aircraft Rating Test (FC32A) Completion date:</b>	<b>Date of Aircraft Training:</b> (dd/mm/yyyy)	<b>Date of Refresher Training:</b> (If applicable) (dd/mm/yyyy)

No.	Item	Assessment			Remarks
		Pass	Fail	Repeat	
1	Normal take-off and climb to circuit altitude. (Not from a Touch and Go)				
2	Manual thrust visual circuit and approach (without radio guidance) and go-around from 100ft AAL				
3	Visual circuit and approach (without radio guidance) followed by a normal landing to a full stop				
4	<i>For MPL applicants only:</i>	<b>Number</b>			
	Total Number of Take-Offs				
	Total Number of Landings				

Assessment of Key Competencies		Assessment					Observable Behaviours
		1	2	3	4	5	
KNO	Application of Knowledge						
PRO	Application of Procedures						
COM	Communications						
FPA	Flight Path Management Auto						
FPM	Flight Path Management Manual						
LTW	Leadership and Teamwork						
PSD	Problem Solving and Decision Making						
SAW	Situation Awareness and Management of Information						
WLM	Workload Management						

Assessment		
<input type="checkbox"/> Proficient <input type="checkbox"/> Not Proficient <input type="checkbox"/> Incomplete		
Overall Comments		
Name of FI	Licence No.	Signature

## FLIGHT TEST TOLERANCES

The following limits given below are for general guidance.  
The Authorised Flight Examiner shall provide the allowance for turbulent conditions and the handling qualities and performance of the aeroplane used.

	<b>Normal Flight</b>	<b>Flight with Simulated Asymmetric Flight Power</b>
<b>Height</b>		
(a) In level flight (other than at Decision Height)	± 100 ft	± 100 ft
(b) For starting go-around at Decision Height	+ 50 ft / 0 ft	+ 50 ft / 0 ft
(c) Minimum Descent Height/ MAP/altitude	+ 100 ft / 0 ft	+ 100 ft / 0 ft
Tracking on Radio Navigation Aids	± 5°	± 5°
Precision Approach	Half-scale deflection on Localiser and Glidepath	Half-scale deflection on Localiser and Glidepath
Heading	± 10°	± 10°
Speed	± 5 kts (Aeroplanes)	+10 / - 5 kts (Aeroplanes)
	± 10 kts (Helicopters)	± 10 kts (Helicopters)

## PILOT COMPETENCIES GRADING CARD

GRADING WORD PICTURES				
1	2	3	4	5
<b>Ineffective performance, rarely demonstrating any of the behavioural indicators when needed, which resulted in an unacceptable reduction in safety margin.</b>	<b>Acceptable performance, occasionally demonstrating some of the behavioural indicators when needed, resulting in a safe operation.</b>	<b>Suitable performance, regularly demonstrating most of the behavioural indicators when needed, resulting in a safe operation.</b>	<b>Effective performance, regularly demonstrating the required behavioural indicators when needed, enhancing the safety margin.</b>	<b>Exemplary performance, always demonstrating the required behavioural indicators when needed, significantly enhancing safety and efficiency.</b>

COMPETENCIES	OBSERVABLE BEHAVIOURS
<b>Application of Knowledge (KNO)</b>	<ul style="list-style-type: none"> <li>OB 0.1 Demonstrates practical and applicable knowledge of limitations and systems and their interaction</li> <li>OB 0.2 Demonstrates required knowledge of published operating instructions</li> <li>OB 0.3 Demonstrates knowledge of the physical environment, the air traffic environment including routings, weather, airports and the operational infrastructure</li> <li>OB 0.4 Demonstrates appropriate knowledge of applicable legislation</li> <li>OB 0.5 Knows where to source required information</li> <li>OB 0.6 Demonstrates a positive interest in acquiring knowledge</li> <li>OB 0.7 Is able to apply knowledge effectively</li> </ul>
<b>Application of Procedures and regulations (PRO)</b>	<ul style="list-style-type: none"> <li>OB 1.1 Identifies where to find procedures and regulations</li> <li>OB 1.2 Applies relevant operating instructions, procedures and techniques in a timely manner</li> <li>OB 1.3 Follows SOPs unless a higher degree of safety dictates an appropriate deviation</li> <li>OB 1.4 Operates aeroplane systems and associated equipment correctly</li> <li>OB 1.5 Monitors aircraft systems status</li> <li>OB 1.6 Complies with applicable regulations</li> <li>OB 1.7 Applies relevant procedural knowledge</li> </ul>
<b>Communication (COM)</b>	<ul style="list-style-type: none"> <li>OB 2.1 Determines that the recipient is ready and able to receive information</li> <li>OB 2.2 Selects appropriately what, when, how and with whom to communicate</li> <li>OB 2.3 Conveys messages clearly, accurately and concisely</li> <li>OB 2.4 Confirms that the recipient demonstrates understanding of important information</li> <li>OB 2.5 Listens actively and demonstrates understanding when receiving information</li> <li>OB 2.6 Asks relevant and effective questions</li> <li>OB 2.7 Uses appropriate escalation in communication to resolve identified deviations</li> <li>OB 2.8 Uses and interprets non-verbal communication in a manner appropriate to the organizational and social culture</li> <li>OB 2.9 Adheres to standard radiotelephone phraseology and procedures</li> <li>OB 2.10 Accurately reads, interprets, constructs and responds to datalink messages in English</li> </ul>
<b>Flight Path Management – Automation (FPA)</b>	<ul style="list-style-type: none"> <li>OB 3.1 Uses appropriate flight management, guidance systems and automation, as installed and applicable to the conditions</li> <li>OB 3.2 Monitors and detects deviations from the intended flight path and takes appropriate action</li> <li>OB 3.3 Manages the flight path safely to achieve optimum operational performance</li> <li>OB 3.4 Maintains the intended flight path during flight using automation while managing other tasks and distractions</li> <li>OB 3.5 Selects appropriate level and mode of automation in a timely manner considering phase of flight and workload</li> <li>OB 3.6 Effectively monitors automation, including engagement and automatic mode transitions</li> </ul>

<b>Flight Path Management, manual control (FPM)</b>	<b>OB 4.1</b> Controls the aircraft manually with accuracy and smoothness as appropriate to the situation <b>OB 4.2</b> Monitors and detects deviations from the intended flight path and takes appropriate action <b>OB 4.3</b> Manually controls the aeroplane using the relationship between aeroplane attitude, speed and thrust, and navigation signals or visual information <b>OB 4.4</b> Manages the flight path safely to achieve optimum operational performance <b>OB 4.5</b> Maintains the intended flight path during manual flight while managing other tasks and distractions <b>OB 4.6</b> Uses appropriate flight management and guidance systems, as installed and applicable to the conditions <b>OB 4.7</b> Effectively monitors flight guidance systems including engagement and automatic mode transitions
<b>Leadership and Teamwork (LTW)</b>	<b>OB 5.1</b> Encourages team participation and open communication <b>OB 5.2</b> Demonstrates initiative and provides direction when required <b>OB 5.3</b> Engages others in planning <b>OB 5.4</b> Considers inputs from others <b>OB 5.5</b> Gives and receives feedback constructively <b>OB 5.6</b> Addresses and resolves conflicts and disagreements in a constructive manner <b>OB 5.7</b> Exercises decisive leadership when required <b>OB 5.8</b> Accepts responsibility for decisions and actions <b>OB 5.9</b> Carries out instructions when directed <b>OB 5.10</b> Applies effective intervention strategies to resolve identified deviations <b>OB 5.11</b> Manages cultural and language challenges, as applicable
<b>Problem Solving and Decision Making (PSD)</b>	<b>OB 6.1</b> Identifies, assesses and manages threats and errors in a timely manner <b>OB 6.2</b> Seeks accurate and adequate information from appropriate sources <b>OB 6.3</b> Identifies and verifies what and why things have gone wrong, if appropriate <b>OB 6.4</b> Perseveres in working through problems while prioritizing safety <b>OB 6.5</b> Identifies and considers appropriate options <b>OB 6.6</b> Applies appropriate and timely decision making techniques <b>OB 6.7</b> Monitors, reviews and adapts decisions as required <b>OB 6.8</b> Adapts when faced with situations where no guidance or procedure exists <b>OB 6.9</b> Demonstrates resilience when encountering an unexpected event
<b>Situation Awareness (SAW)</b>	<b>OB 7.1</b> Monitors and assesses the state of the aeroplane and its systems <b>OB 7.2</b> Monitors and assesses the aeroplane's energy state, and its anticipated flight path <b>OB 7.3</b> Monitors and assesses the general environment as it may affect the operation <b>OB 7.4</b> Validates the accuracy of information and checks for gross errors <b>OB 7.5</b> Maintains awareness of the people involved in or affected by the operation and their capacity to perform as expected <b>OB 7.6</b> Develops effective contingency plans based upon potential risks associated with threats and errors <b>OB 7.7</b> Responds to indications of reduced situational awareness
<b>Workload Management (WLM)</b>	<b>OB 8.1</b> Exercises self-control in all situations <b>OB 8.2</b> Plans, prioritizes and schedules appropriate tasks effectively <b>OB 8.3</b> Manages time efficiently when carrying out tasks <b>OB 8.4</b> Offers and gives assistance <b>OB 8.5</b> Delegates tasks <b>OB 8.6</b> Seeks and accepts assistance, when appropriate <b>OB 8.7</b> Monitors, reviews and cross-checks actions conscientiously <b>OB 8.8</b> Verifies that tasks are completed to the expected outcome <b>OB 8.9</b> Manages and recovers from interruptions, distractions, variations and failures effectively while performing tasks