

<b>EAA Chapter 237 Flight Simulator – Level 1 Orientation Checklist (V5)</b>			
Student's Name:			
Orientation Date:			(use back of sheet for additional notes)
	✓	<b>Topics</b>	<b>Student's Notes</b>
<b>1</b>		<b>Pilot Ergonomic Adjustments</b>	
1.1		Rudder pedal adjustment (notches)	
1.2		Seat position adjustment (lever)	
1.3		Controls height adjustment (switch)	
<b>2</b>		<b>Location of controls</b>	
2.1		Keyboard with numpad (more later)	
2.2		Yoke – range and feel	
2.3		Switches on yoke panel (more later)	
2.4		Mouse – trackball with scroll wheel	
2.5		Button box (more later)	
2.6		Knobster control (more later)	
2.7		Throttle quadrant	
2.8		Flap switch (more later)	
2.9		Pitch trim (more later)	
2.10		Speaker volume control	
<b>3</b>		<b>Logging in as user</b>	
3.1		User naming convention (X-nn etc.)	
3.2		Your username	
3.3		Your password	
3.4		Proceed with login	
3.5		Caution about DNS server not running	
<b>4</b>		<b>Display monitor orientation</b>	
4.1		Touch screen monitor (Air Manager)	
4.2		Repositioning of touch screen (carefully)	
4.3		Three large monitors (X-Plane 11)	
4.4		Monitor orientation (cursor movement)	
4.5		Cursor “focus” (for X-Plane)	
<b>5</b>		<b>Starting Air Manager (console)</b>	
5.1		Searching for Flight Simulator message	
5.2		Verifying Knobster hardware found	

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5.3		Selecting aircraft instrument panel	
5.4		Checking touch screen operation	
5.5		Checking Knobster is selected	
<b>6</b>	<b>Starting X-Plane 11 software</b>		
6.1		Progress bar while loading	
6.2		Verifying Air Manager found X-plane	
6.3		X-plane menu choices (New Flight)	
6.4		Selecting the aircraft	
6.5		Selecting the airport and starting location	
6.6		Selecting the weather	
6.7		Selecting the time of day	
6.8		Starting the flight	
<b>7</b>	<b>Air Manager details</b>		
7.1		Deselect Knobster operation	
7.2		Launching the instrument panel	
7.3		Toggle switch operation	
7.4		Single knob operation	
7.5		Concentric knob operation (Garmin)	
7.6		Closing the panel (without exiting AM)	
7.7		Selecting Knobster operation	
7.8		Relaunching the instrument panel	
7.9		Single knob operation	
7.10		Concentric knob operation (Garmin)	
7.11		Switch synchronization with panel	
7.12		Magnetic compass VS DG	
7.13		Accessing fuel selector switch	
<b>8</b>	<b>Button Box Operations</b>		
8.1		Reduced need for keyboard	
8.2		Changing views during flight	
8.3		'90 degrees left or right	
8.4		Chase view VS circle view	
8.5		View movement buttons	
8.6		Mouse scroll wheel zoom	
<b>9</b>	<b>Pitch Trim Control Operations</b>		
9.1		Via touch screen	
9.2		Mechanical via Cessna trim wheel	
9.3		Electric via yoke switches	

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9.4		Trim indicator and knob visualization	
9.5		How pitch trim works in X-Plane	
<b>10</b>	<b>Flap operations</b>		
10.1		Via touch screen	
10.2		Via mechanical flap switch	
10.3		Switch synchronization with panel	
<b>11</b>	<b>Taking a flight</b>		
11.1		Trip around the pattern	
11.2		Flight replay (DVR controls)	
11.3		Saving flights (naming convention)	
11.4		Saving situations (naming convention)	
11.5		Recalling saved flights and situations	
<b>12</b>	<b>Menus and Keyboard</b>		
12.1		X-Plane 11 keyboard map (cheat sheet)	
12.2		Brief overview of top menus	
12.3		Map controls (m)	
<b>13</b>	<b>Exit and log off</b>		
13.1		Quit X-Plane	
13.2		Quit Air Manager	
13.3		Logout of Windows	
<b>14</b>	<b>Miscellaneous</b>		
14.1		Logging time on the sim	
14.2		Access to chapter building	
14.3		Flight sim scheduling procedure	
14.4		Customer support procedure	
14.5		Online documentation	
14.6		COVID protocols (ever changing)	