



## Type Technical

<b>Student Name</b>	
<b>Date</b>	
<b>Instructor Name</b>	
<b>Mark Obtained</b>	
<b>Instructor Signed</b>	

### Section 3: Aircraft General

1. Name the propeller make and model:

2. Name the engine make and model:

3. How many cylinders does the engine have:

4. What fuel does the aircraft use and what is the dangers of using the incorrect fuel:


5. How many fuel tanks does the aircraft have and what is the total tank capacity?




**Section 4: Limitations**

1. State the MTOW for this aircraft:

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2. What is the Never Exceed Speed for this aircraft?

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3. What is the Maximum Manoeuvring speed for this aircraft?

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4. What is the stall speed for this aircraft?

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5. State the brake horsepower and time limitations on the powerplant:

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6. State the starter limitations if any are applicable:

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7. What datum is used for the Mass & Balance calculations?

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8. What is the MAC% of the Aft CoG limitation?

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9. Is this aircraft operated as a normal or utility category aircraft? Motivate your answer


10. State the Load Factor Limitations for this aircraft:




**Section 3 Emergency Procedures**

1. What speed should be used in event of engine failure after take off with flaps up and with flaps down?

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2. List the procedure to follow for an engine fire in flight :


3. List the emergency procedures to follow when you have an unlatched door in flight:


**Section 4 : Normal Procedures**

1. What is the normal take-off speed?

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2. What are the following climb speeds?

<i>Best Rate of Climb</i>	
<i>Best Angle of Climb</i>	
<i>Best Cruise Climb</i>	

3. What is the demonstrated crosswind component for this aircraft?

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**4. Section 7: Systems**

1. Describe the airframe structure.

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2. Describe the system for the primary flight controls:

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3. How is ground steering accomplished on this aircraft:

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4. How is the flaps operated on this aircraft and explain their settings:


5. Explain the Engine Controls:




**Section 6: Weight and Balance:**

1. Complete a Mass and Balance for your training flight.

<b>Item</b>	<b>Weight</b>	<b>Arm</b>	<b>Moment</b>
<b>Basic Empty Weight</b>			
Pilot			
<b>Operating Empty Weight</b>			
Front Pax			
Rear Pax			
Baggage ( Area 1 )			
<b>Zero Fuel Weight</b>			
Total Fuel			
<b>Ramp Weight</b>			
Taxi Fuel			
<b>Takeoff Weight</b>			