



SCOUT AIR ACTIVITIES VICTORIA

Scout Air Activity Target Badge Pioneer Level

Name: _____

Group _____ Date _____



Notes & Instructions:

1. Enter your name, group and date above
2. Staple pages together
3. All material in this worksheet will be covered at the Target Badge Day

To achieve the Pioneer Air Activities Target you must complete all of the requirements below:

1. RECOGNITION

Write down the type of each aircraft and their function and use.

	Type of Aircraft	Function/Use
	<p>.....</p>	<p>.....</p>
	<p>.....</p>	<p>.....</p>
	<p>.....</p>	<p>.....</p>
	<p>.....</p>	<p>.....</p>



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2. WEATHER

- (a) Explain how the three elements of weather can have an effect on the flight performance of an aircraft

Element of Weather	Effect on Flight Performance of an Aircraft
Rain/Snow
Temperature
Air Pressure

- b) Describe four signs of changes in the weather in Melbourne and what weather is likely to follow as a result of the sign.

(i) Sign of Change: Wind from the East

Describe the likely weather:

.....
.....



(ii) Sign of Change: Cumulus Clouds (pictured above)

Describe the likely weather:

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.....

(iii) Sign of Change: Red sky in the morning

Describe the likely weather:

.....
.....



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(iv) Sign of Change: Changing wind directions

Describe the likely weather:

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.....

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3. THEORY

(a) (i) What are three differences between a monoplane and a biplane?

1.
2.
3.

(ii) Label which is the monoplane and label which is the biplane below



.....



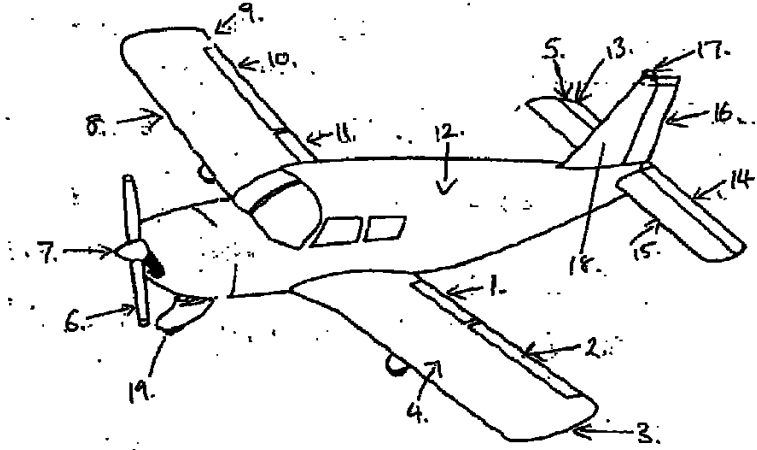
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b) Name the following numbered parts of an aircraft in the table below:



1.
2.
3.
4.
5.
6.
7.
8.
9.
10.
11.
12.
13.
14.
15.
16.
17.
18.
19.

Left Flap
Right Flap
Left Aileron
Right Aileron
Right Elevator
Left Elevator
Wing Tip
Rotating Beacon
Fin/Vertical Stabiliser
Fuselage
Trailing Edge
Leading Edge
Trim Tab
Propeller
Mainplane / Wing
Tailplane
Wheel / undercarriage
Spinner
Rudder

4. ACTIVITY

Have a flight in a light aircraft with the Scout Air Activity Centre- Victoria. Set out below the details of your flight:

Airport/Aerodrome: Moorabbin, Victoria Type of aircraft: Piper Warrior

Aircraft Callsign: VH-.....

Pilot Name:

Passengers with you:

Date and time of flight: