

Step 4: $\text{psi/min} \times \text{cf/psi} = \text{SAC}$

[illegible]

Dive No:

Location:

☐ Aluminum
☐ Steel
☐ 50 (0.0166)
☐ 63 (0.0210)
☐ 80 (0.0258)
☐ 100 (0.0333)

☐ psi
☐ bar

SI PG RNT

Comfort

☐ Fresh ☐ Salt ☐ Boat ☐ Wreck ☐ Reef ☐ Training ☐ Photo ☐ Drift ☐ Night

BCD _____
Belt _____
Other _____

☐ >100° ☐ 75° ☐ 50° ☐ 25° ☐ <5°

Viz

Happy Stress

Species:	Size:	Number:	Activity:

Verification:

☐ Instructor ☐ Buddy ☐ Dive Guide

Cert No:

Total Bottom Time to date:

$$\text{Step 3: } \text{psi/min (@ Depth)} = \frac{(\text{Avg Depth}/33)+1}{\text{psi/min}}$$

Step 4: $\text{psi/min} \times \text{ct/psi} = \text{SAC}$












Dive No:

Location:

<input type="checkbox"/> Aluminum	: _____		:	
<input type="checkbox"/> Steel	: _____		:	
<input type="checkbox"/> 50 (0.0166)	: _____	<input type="checkbox"/> psi	:	
<input type="checkbox"/> 63 (0.0210)	: _____	<input type="checkbox"/> bar	:	
<input type="checkbox"/> 80 (0.0258)	: _____	SI	:	
<input type="checkbox"/> 100 (0.0333)	: _____	PG	:	
<input type="checkbox"/> _____	: _____	RNT	:	


Diagram illustrating a safety scenario involving a fall. The diagram shows a person in a safety harness falling from a height. Key parameters are indicated by boxes and arrows:

- Bottom Time:** _____ mins.
- Safety:** _____ min
- Height:** _____ ft

BCD _____
 Belt _____
 Other _____

☐ lbs
☐ kg

Comfort 

☐ Fresh ☐ Salt ☐ Boat ☐ Wreck ☐ Reef ☐ Training ☐ Photo ☐ Drift ☐ Night ☐

°F

°F

°F

Viz

>100

75

50

25

<5

☀️

☁️

☁️

☁️⚡️

☁️❄️

[illegible]

Species:	Size:	Number:	Activity:

Verification:	Cert No:		Total Bottom Time to date:
<input type="checkbox"/> Instructor	<input type="checkbox"/> Buddy	<input type="checkbox"/> Dive Guide	_____ : _____

Step 4: $\text{psi/min} \times \text{cf/psi} = \text{SAC}$

$$\text{Step 3: } \text{psi/min (@ Depth)} = \frac{(\text{Avg Depth}/33)+1}{\text{psi/min}}$$
$$\text{Step 2: (Gas IN - Gas OUT)} \div \frac{\text{Bottom Time}}{\text{psi/min}}$$
$$\text{Step 1: Tank Volume cf} = \frac{\text{Tank Rated psi}}{\text{cf/psi}}$$

Surface Air Consumption

Surface Air Consumption

$$\text{Step 1: } \frac{\text{Tank Volume cf}}{\text{Tank Rated psi}} = \text{cf/psi}$$
$$\text{Step 2: } \frac{(\text{Gas IN} - \text{Gas OUT})}{\text{Bottom Time}} = \text{psi/min}$$
$$\text{Step 3: } \frac{\text{psi/min (@ Depth)}}{(\text{Avg Depth}/33)+1} = \text{psi/min}$$

Step 4: $\text{psi/min} \times \text{cf/psi} = \text{SAC}$

Verification: _____ Cert No: _____

☐ Instructor ☐ Buddy ☐ Dive Guide

Total Bottom Time to date: _____ : _____

Species:	Size:	Number:	Activity:
			

[illegible]

Weather Type	Percentage (%)
Sunny	35
Partly Cloudy	25
Cloudy	15
Rainy	10
Windy	5
Snowy	5
Stormy	5

☐ Fresh ☐ Salt ☐ Boat ☐ Wreck ☐ Reef ☐ Training ☐ Photo ☐ Drift ☐ Night ☐

Comfort

— — — — —

☐ ☐ ☐ ☐ ☐

☐ ☐ ☐ ☐

Weight

lbs _____
kg _____

Belt _____ BCD _____
Other _____

<input type="checkbox"/> Aluminum		:	
<input type="checkbox"/> Steel		<input type="checkbox"/> psi	
<input type="checkbox"/> 50 (0.0166)		<input type="checkbox"/> hair	
<input type="checkbox"/> 63 (0.0210)	SI	:	
<input type="checkbox"/> 80 (0.0258)	PG	:	
<input type="checkbox"/> 100 (0.0333)	RNT	:	

	:	
PG	:	
PR	:	

Dive No:

Location:

