

## **CHAPTER 3**

### **AIR DECOMPRESSION PROCEDURES AND TABLES**

#### **GENERAL**

#### **301. INTRODUCTION**

1. When air is breathed at depth, inert breathing gas (nitrogen) diffuses into the various tissues of the body. Nitrogen diffusion continues at different rates for the various tissues as long as the partial pressure of the inspired nitrogen ( $ppN_2$ ) is greater than the partial pressure of the gas absorbed in the tissues.
2. The amount of absorbed nitrogen varies with:
  - a. Depth ( $ppN_2$  increases with depth), and
  - b. Duration of exposure (i.e. bottom time [includes descent time at proper rate]).
3. When the diver ascends (decompression time (includes ascent time and stop time)), the process is reversed as the nitrogen partial pressure in the tissues exceeds that in the circulatory and respiratory systems. This pressure gradient from the tissues of the blood and lungs must be carefully controlled to prevent a too rapid diffusion of nitrogen. If the pressure gradient is uncontrolled, bubbles of nitrogen gas form in the tissues and blood that can result in decompression sickness.
4. To prevent decompression sickness, air decompression tables have been developed for CAF divers. These tables take into consideration the amount of nitrogen absorbed by the body at various depths for given periods of time. The tables also take into account the allowable pressure gradients that can exist without excessive bubble formation and the different gas elimination rates associated with various body tissues.

#### **302. BACKGROUND**

1. The CAF Air Diving Tables and air decompression procedures were derived from the DCIEM 1983 Decompression Model (DCIEM, or the Defence and Civil Institute of Environmental Medicine, is now known as DRDC (Defence Research and Development Canada)). This model was the result of over 20 years of decompression research that began with the pioneering studies by Kidd and Stubbs in 1962. These tables provide a conservative approach to decompression procedures.
2. Selected profiles were tested extensively using the Doppler ultrasonic bubble detector as an aid to assessing the severity of the decompression stress produced by these tables. These tables were tested in a hyperbaric chamber with wet/working divers in cold water between 5 - 10°C as well as with dry/resting divers. Doppler ultrasonic bubble detection procedures used to evaluate the model showed that the basic conservatism of the model was indeed justified. No

realistic decompression procedures can totally eliminate the occurrence of decompression sickness.

3. The CAF Air Diving Tables set out decompression schedules for standard air decompression, for in-water oxygen de-compression, for surface decompression with oxygen, for repetitive diving, and for diving when at altitude.

4. The Standard Air Decompression Table (CAF Air Diving Table 1 (excerpt)), the Short Standard Air Decompression Table (CAF Air Diving Table 1S), the Repetitive Diving Table (CAF Air Diving Table 4: comprising CAF Air Diving Tables 4A, Repetitive Factors/Surface Intervals Table and CAF Air Diving Table 4B, No-Decompression Repetitive Diving Table) and the Depth Corrections for Diving at Altitude Table (CAF Air Diving Table 5) as included herein are approved for use with all forms of compressed air apparatus.

5. Figure 3-1 shows the Normal Air Diving Range and the Exceptional Exposure Range for these tables.

6. All depths are measured in meters of seawater (msw) refer to Chapter 3, Annex A, Canadian Armed Forces Air Diving Tables (METERS).

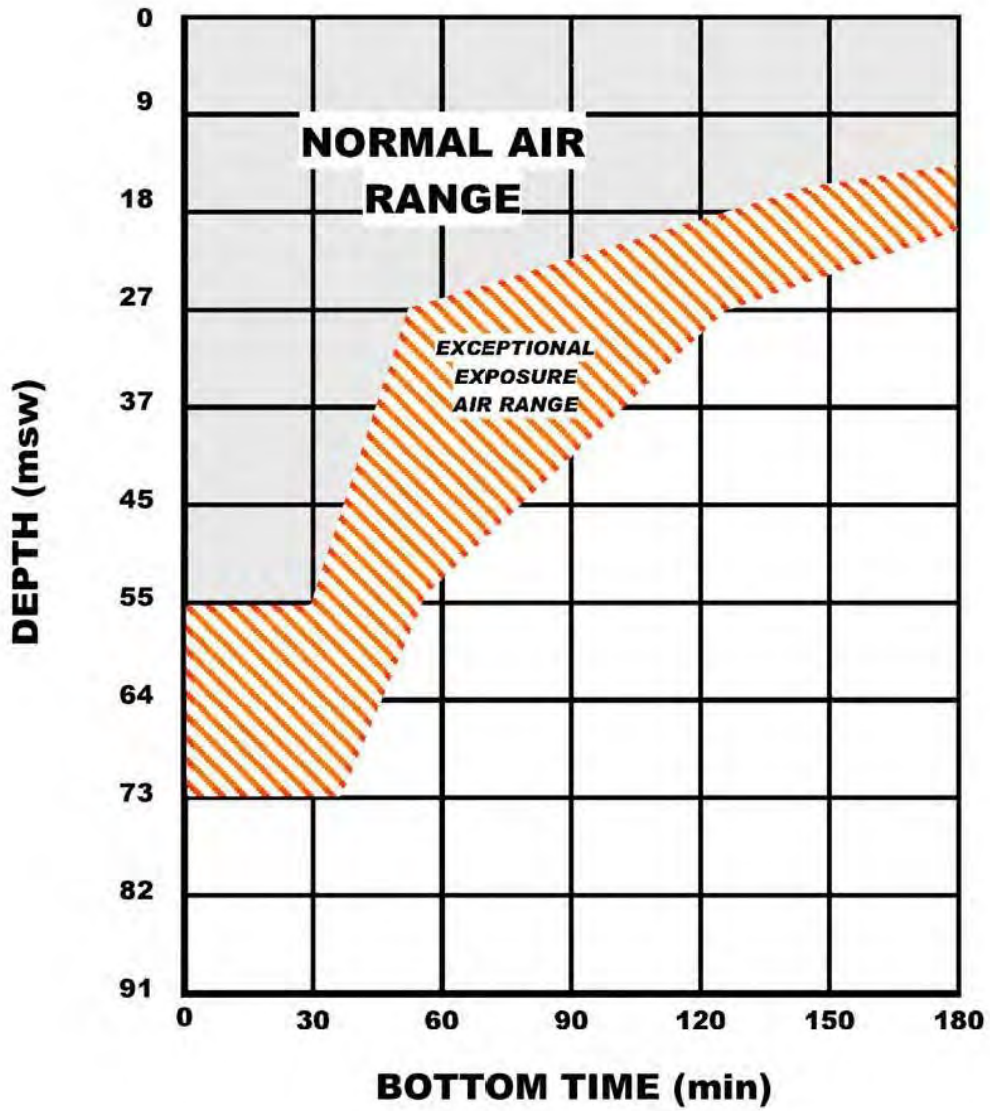
### **303. AIR DECOMPRESSION TABLES APPROVED FOR USE WITH COMPRESSED AIR BREATHING APPARATUS (CABA)**

1. Canadian Armed Forces Air Diving Tables (METERS)

a. Refer to Chapter 3, Annex A:

- (1) CAF Air Diving Table 1 (METERS) Standard Air Decompression Table (Excerpt. Covers only depths to 51 msw [45 msw + 13%]).
- (2) CAF Air Diving Table 1S (METERS) Short Standard Air Decompression Table.
- (3) CAF Air Diving Table 4 (METERS) Repetitive Diving:
  - (i) CAF Air Diving Table 4A (METERS) Repetitive Factors/Surface Intervals Table.
  - (ii) CAF Air Diving Table 4B (METERS) No-Decompression Repetitive Diving Table.
- (4) CAF Air Diving Table 5 (METERS) Depth Corrections for Diving at Altitude Table.

2. These tables cover only bottom times to the limit of the Normal Air Diving Range as shown in Figure 3-1.



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Figure 3-1 Air Diving Limits

### 304. DEFINITION OF TERMS

#### 1. Allowable No-D Limit

Maximum bottom time allowing a direct ascent to the surface without requiring decompression stops.

#### 2. Ascent rate

Specified rate of travel that the diver must maintain up to and between decompression stops: 18 ± 3 mpm.

#### 3. Bottom time (BT)

Total elapsed time in minutes, beginning when the diver leaves the surface to when (rounded to the next whole minute) the diver leaves bottom.

#### 4. Decompression schedule

Specified decompression procedure for a given combination of depth/bottom time as listed in a decompression table, IAW descent and travel rates (Depth/BT).

#### 5. Decompression stop

Specified length of time which a diver must spend at a specified depth to allow for the elimination of sufficient inert gas from the body to allow safe ascent to the next decompression stop or the surface.

#### 6. Delay

A delay has been incurred when the travel rate is less than 15 mpm or the diver stops during the period of ascent which results in a revised schedule that includes decompression stop(s).

#### 7. Depth

Maximum depth attained, measured in msw.

#### 8. Descent rate

Rate of descent to the bottom: 18 mpm or slower.

#### 9. Effective bottom time (EBT)

Calculated BT for decompression purposes taking into consideration residual nitrogen from a previous dive (repetitive diving).

#### 10. Effective depth (ED)

Depth of an equivalent dive at sea level (altitude diving).

#### 11. No-decompression limit

Maximum bottom time allowing a direct ascent to the surface without requiring decompression stops.

**12. Omitted decompression**

Time omitted from in-water decompression calculated from the appropriate CAF Decompression Table.

**13. Repetitive dive**

Any dive that has a RF greater than 1.0.

**14. Repetitive factor (RF)**

The Repetitive Factor (RF) is two-digit number (1.0 – 2.0) relating directly to the RG and to the length of the surface interval after a dive and is only required when repetitive diving is conducted.

**15. Repetitive group (RG)**

A letter (A – O) relating to the amount of residual nitrogen in the diver upon surfacing after a dive.

**16. Residual nitrogen**

Excess nitrogen still dissolved in a diver's tissues after the surface has been reached.

**17. Single dive**

A dive measured from the time the diver leaves the surface to the time the diver reaches the surface. If the diver remains on the surface for less than 15 minutes ( $SI < 15$ ) and then continues to dive, or repetitive factor is greater than 2 ( $RF > 2$ ) the combined bottom times are considered a single dive.

**18. Surface interval (SI):**

Time a diver has spent on the surface following a dive, beginning as soon as the diver surfaces and ending as soon as the diver starts the descent of the next dive.

**19. Total time of dive (TT)**

Time measured from the diver's leaving the surface to the diver's reaching the surface. Includes bottom time, ascent time, decompression stops and any delay(s) on ascent.

**305. DIVE RECORDING**

1. Every CAF dive must be recorded. Worksheets for no-decompression dives (Figure 1-14, Diving Supervisor's No-D Log / Worksheet) or planned decompression dives (Figure 3-4, Dive Record Chart (METERS)) must be completed and retained on file for five (5) years by the Unit conducting the dive. These worksheets are a convenient means of collecting the dive data that must also be entered into the CF 849 and CAFDITS CF 850.

**306. IN-WATER DECOMPRESSION**

1. Only personnel qualified IAW Figure 1-1 may conduct planned decompression diving. Dives in CABA should normally be planned to terminate before there is a need to decompress. If

decompression is required, preparations must be made before the dive commences. This includes:

- a. Briefing of personnel;
  - b. Preparation of equipment;
  - c. Checking decompression tables; and
  - d. Consideration of emergency procedures.
2. Only a worked-up and confident diver supported by an experienced diving team should conduct in-water decompression. Refer to Article 515, Lazy Shot Diving Procedures.
  3. The availability of a recompression chamber must be considered when planning dives involving in-water decompression. Refer to Article 502, Dive Planning - General and Article 503, Dive Task Planning and Emergency Assistance.
  4. In rough seas, when the Supervisor determines that the diver's stop depth cannot be adequately controlled, in-water decompression dives shall not be attempted.

### **307. FAILURE TO DECOMPRESS IN-WATER**

1. If for any reason a diver is unable to carry out in-water decompression procedures the diver is to be treated for omitted decompression IAW Article 228.

### **INSTRUCTIONS FOR THE USE OF CAF AIR DECOMPRESSION TABLES**

#### **308. STANDARD AIR DECOMPRESSION TABLE (CAF AIR DIVING TABLE 1) (EXCERPT)**

1. The Standard Air Decompression Table is set out in rows by depth in meters and in columns by bottom time (BT), with stop times, total decompression time and Repetitive Group (RG) designator set out for each depth and bottom time.
2. All depths are measured in meters of seawater (msw). Refer to CAF Air Diving Table 1 (Meters), *Standard Air Decompression Table*, Chapter 3, Annex A.
3. No-Decompression Limits. No-decompression limits in CAF Air Diving Tables 1 and 1S are for first dives only.
4. Descent Rate. Descend at 18 mpm or slower.
5. Ascent Rate, Stops, Stop Times and Travel Time. Ascend at  $18 \pm 3$  mpm to the indicated stops and remain at each stop for the required stop time. Stop time for each stop includes travel time to that stop at  $18 \pm 3$  mpm.

**6. Variations in Rate of Ascent.**

- a. Ascent Rate Too Slow ... (less than 15 mpm): A delay has been incurred when the travel rate is less than 15 mpm or the diver stops during the period of ascent which results in a revised schedule that includes decompression stop(s):

**The Supervisor shall:**

- (1) Adjust schedule to include the travel and time of delay;
- (2) New decompression schedule shall be IAW new bottom time and max depth;  
and
- (3) Regardless of depth in water column, the revised dive schedule must be followed.

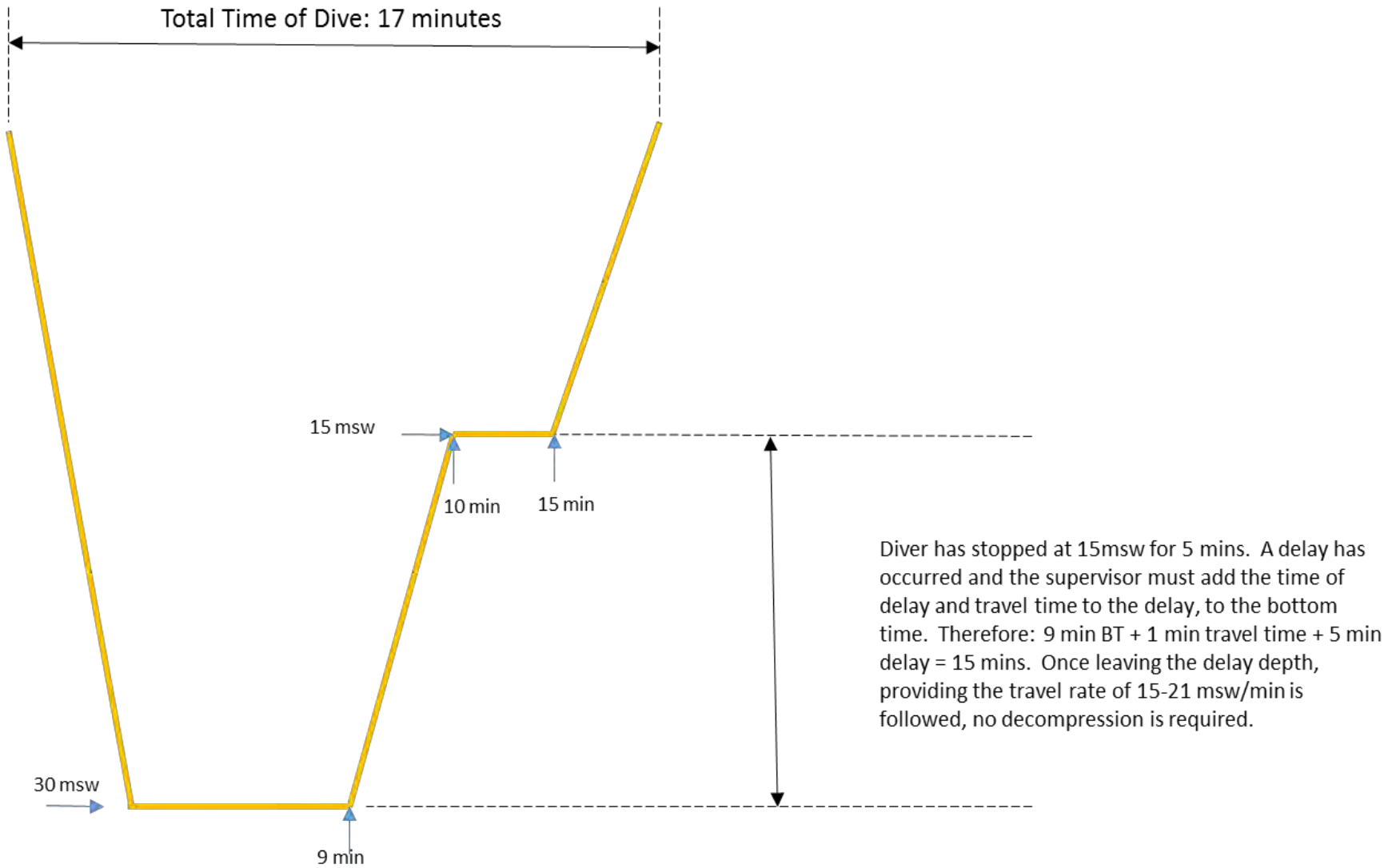
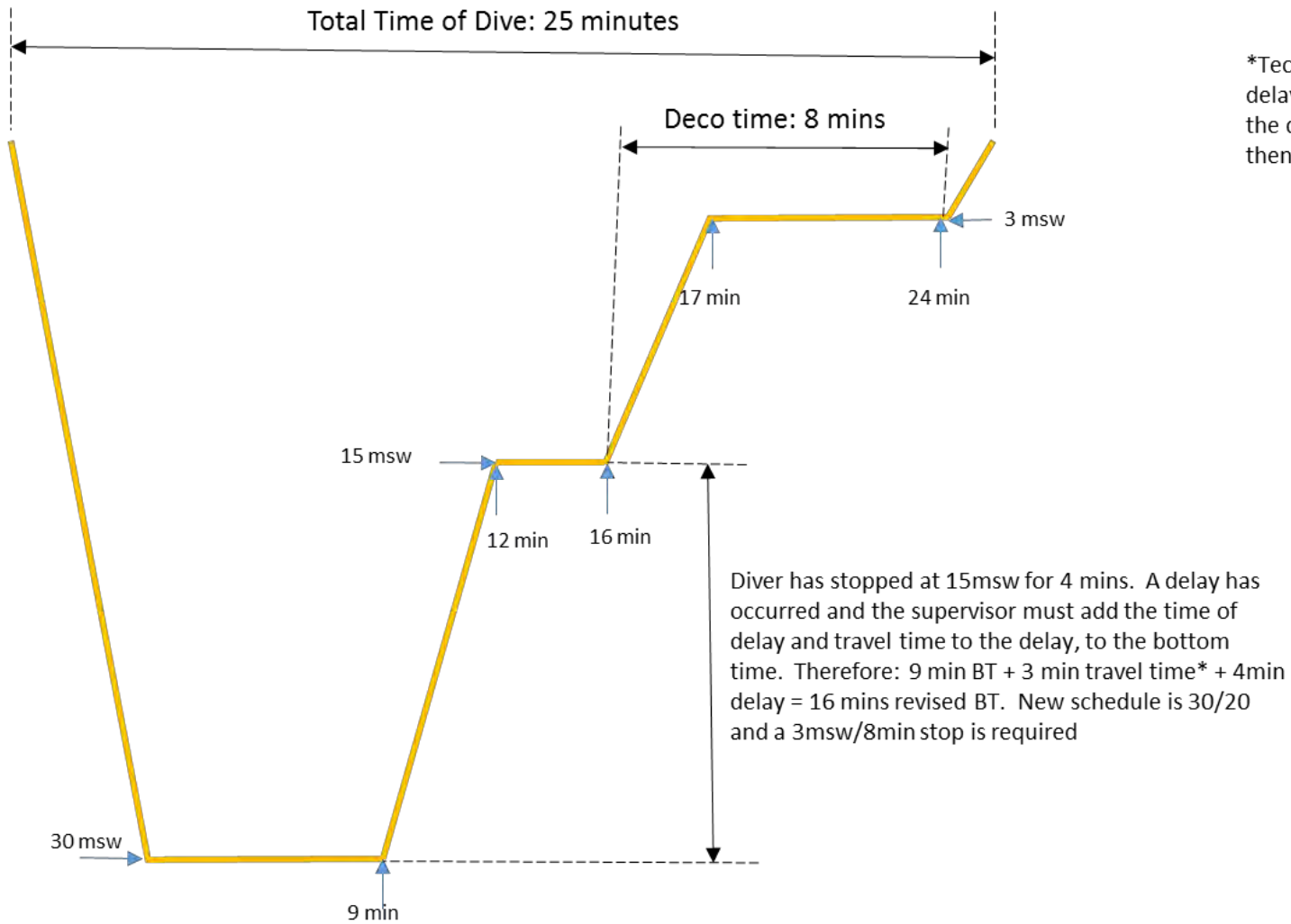


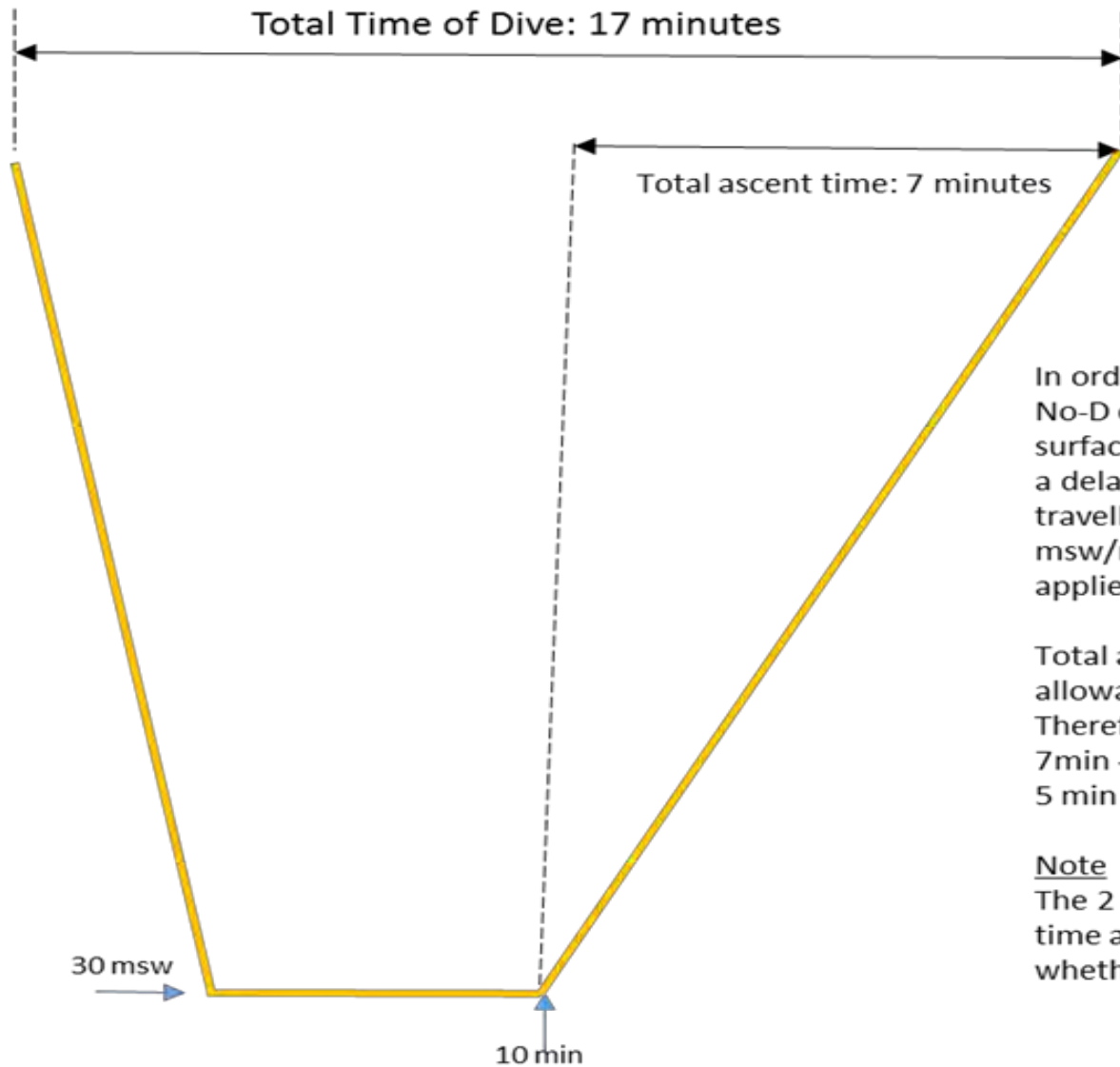
Figure 3-2 Delay Incurred No Decompression





\*Technically, there is a 2 min delay in the travel time because the diver is travelling slower than 15 msw/min

Figure 3-3 Delay Occurred Decompression Required



In order for this dive to remain a No-D dive the diver must be on the surface at :17. In this case there is a delay because the diver is travelling slower than 15 msw/min. Here is how the rule is applied.

Total ascent time is 7 min and total allowable ascent time is 2 min.  
Therefore:  
 $7\text{min} - 2\text{min} = 5\text{ min delay}$   
 $5\text{ min} + 10\text{ min} = 15\text{ min BT}$

Note  
The 2 min ascent time is valid deco time and is separated from BT whether it is a deco or No-D dive.

:  
*Figure 3-4 Slow Ascent*

- b. Ascent Rate Too Fast: > 21 mpm
  - (1) To First Stop. No correction is required (time at stop includes travel time to the stop); and
  - (2) No Stops Required. Observe diver for at least one (1) hour after surfacing.

7. Omitted Decompression. Failure to comply with planned decompression procedures may result in omitted decompression. This is a significant hazard to the diver and must be dealt with immediately. Refer to Article 228, Omitted Decompression.

8. Using CAF Air Diving Table 1

- a. EXAMPLE 1 (Figure 3-5)

**NOTE**

Determine the decompression schedule required for a dive to 31 msw with a bottom time of 22 minutes using CAF Air Diving Table 1.

- (1) Enter CAF Air Diving Table 1 at the left-hand depth column at the depth equal to or next greater than 31 msw.

Select "33"

- (2) Using the 33 msw schedule proceed to the bottom time column and find the bottom time equal to or next greater than 22 minutes.

Select "25"

- (3) Proceed horizontally across the table on the 33 msw / 25-min row to find the decompression stop depths, decompression stop times and the Repetitive Group (RG) designator of this dive.

- (4) Decompression schedule for a dive to 31 msw, BT of 22 minutes from CAF Air Diving Table 1:       3-11

33 msw / 25 min RG = G

6 msw stop for 6-minutes Includes travel time from 31 msw. Travel time to 6 msw is 1.4 minutes. Actual 6 msw stop time is therefore 4.6 minutes (6 - 1.4 = 4.6).

3 msw stop for 10-minutes Includes ascent time from 6 msw.

(Art. 308, EXAMPLE 1)

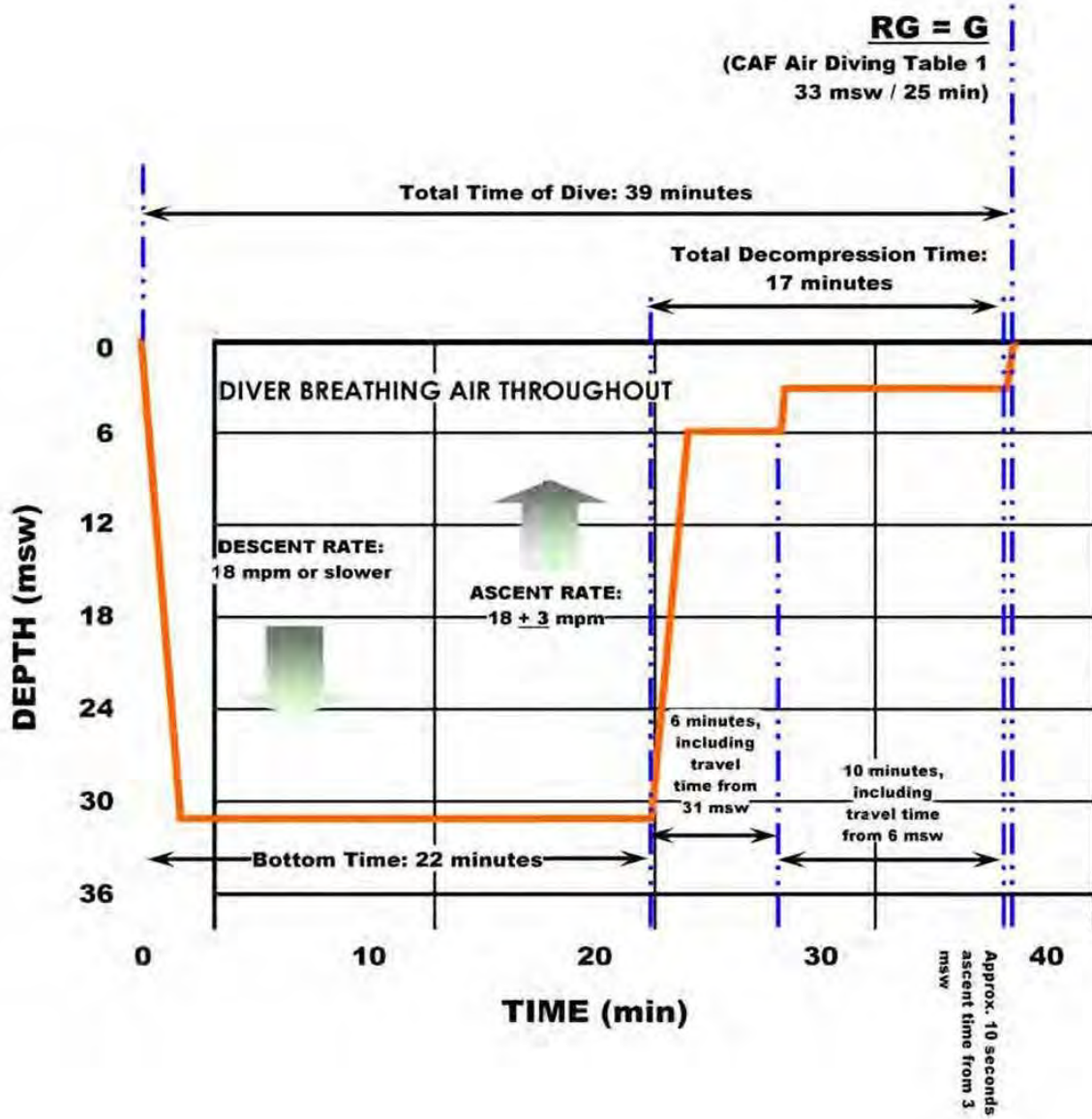
CANADIAN ARMED FORCES AIR DIVING TABLE 1 STANDARD AIR DECOMPRESSION TABLE											
Depth (msw)	Bottom Time (min)	Stop Time (min) at Depth (msw)								Decom. Time (min)	RG
		24	21	18	15	12	9	6	3		
33	25	-	-	-	-	-	-	6	10	16	G

The diagram shows the table with several callouts:
 

- 'Depth equal to or next greater than 33 msw' points to the depth value 33.
- 'BT equal to or next greater than 22 minutes' points to the bottom time value 25.
- 'Decompression stop depths' points to the 6 and 3 stop time columns.
- 'Decompression stop times' points to the 6 and 10 stop time values in the 33m row.
- 'RG designator upon surfacing' points to the 'G' designator.


Figure 3-5 Table 1 Example

- (5) A dive profile and chart for this example are set out in Figure 3-6 and 3-7, respectively.



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Figure 3-6 Standard Air Decompression, 31 msw/22 min (Art 308, para 8)

DIVER <b>LUNN, M.</b>	Rank <b>P2</b>	Tender <b>FONTAINE, G.</b>	Rank <b>LS</b>	DATE <b>21 Nov 10</b>			
DIVER <b>WILLIAMSON, G.</b>	Rank <b>P2</b>	Tender <b>DOCHERTY, J</b>	Rank <b>LS</b>	Table Used <b>CF 1</b>			
SUPERVISOR <b>WALSH, P.</b>	Rank <b>P1</b>	Schedule Used <b>33 / 25</b>	O <sub>2</sub> % <b>AIR</b>	Depth (m) <b>31</b>	Bottom time <b>:22</b>		
Left Surface (Clock Time) <b>1430</b>	Left Bottom (Clock) <b>1452</b>	Max Time to 1 <sup>st</sup> Stop 	Reached Surface (Clock Time) <b>1509</b>				
Total Decompression Time <b>:17</b>	Total Time of Dive <b>:39</b>	Repet Group (RG) <b>G</b>	CHARTMAN (Print) <b>NOSEWORTHY, D.</b>		Rank <b>LS</b>		
REMARKS	STOPS (metres)	STAND AIR TABLE	Decompression Time		EMERG AIR	:39 Event Time	
			Water	Chamber		Water	Chamber
	<b>3</b>		<b>10</b>			L <b>:38</b>	
						S	
	<b>6</b>		<b>6</b>			L <b>:28</b>	
						S	
	<b>9</b>					L	
						S	
	<b>12</b>					L	
						S	
	<b>15</b>					L	
						S	
	<b>18</b>					L	
						S	
	<b>21</b>					L	
						S	
	<b>24</b>					L	
						S	
	<b>27</b>					L	
						S	
REACHED BOTTOM :02	<b>31</b>					L <b>:22</b>	
						S	
	<b>33</b>					L	
						S	
	<b>36</b>					L	
						S	
	<b>39</b>					L	
						S	
	<b>42</b>					L	
						S	
	<b>45</b>					L	
						S	
	<b>48</b>					L	
						S	
	<b>51</b>					L	
						S	
Purpose of Dive		Supervisor (Signature)		Chartman (Signature)			
Location of Dive		Name / Rank of Standby Diver		Divers (Signatures)			

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Figure 3-7 Dive Record Chart (Meters): Standard Air Decompression Dive, 31 msw/22 min (Art 308 para 8)

DIVER	Rank	Tender	Rank	DATE			
DIVER	Rank	Tender	Rank	Table Used			
SUPERVISOR	Rank	Schedule Used	O <sub>2</sub> %	Depth (m)	Bottom time		
Left Surface (Clock Time)	Left Bottom (Clock)	Max Time to 1 <sup>st</sup> Stop	Reached Surface (Clock Time)				
Total Decompression Time	Total Time of Dive	Repet Group (RG)	CHARTMAN (Print)		Rank		
REMARKS	STOPS (metres)	STAND AIR TABLE	Decompression Time		EMERG AIR	Event Time	
			Water	Chamber		Water	Chamber
	3					L	
						S	
	6					L	
						S	
	9					L	
						S	
	12					L	
						S	
	15					L	
						S	
	18					L	
						S	
	21					L	
						S	
	24					L	
						S	
	27					L	
						S	
	30					L	
						S	
	33					L	
						S	
	36					L	
						S	
	39					L	
						S	
	42					L	
						S	
	45					L	
						S	
	48					L	
						S	
	51					L	
						S	
Purpose of Dive		Supervisor (Signature)		Chartman (Signature)			
Location of Dive		Name / Rank of Standby Diver		Divers (Signatures)			

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Figure 3-8 Dive Record Chart

### 309. SHORT STANDARD AIR DECOMPRESSION TABLE (CAF AIR DIVING TABLE 1S)

1. The Short Standard Air Decompression Table is essentially a simplified one-page version of CAF Air Diving Table 1 limited to 45 msw. It is divided into three columns:

- a. **Depth (msw) Column.** All depths are measured in meters of seawater (msw). Refer to CAF Air Diving Table 1S, Short Standard Air Decompression Table, Chapter 3, Annex A3, Figure 3A-2;
- b. **A "No-decompression" Column to the Left of the Broad Vertical Line.** No-D Bottom Time (min) and a Repetitive Group (RG) designator for that depth and BT are set out in rows according to depth;
- c. **A "decompression-required" Column to the Right of the Broad Vertical Line:**
  - (1) Bottom Time (min) and where applicable, a Repetitive Group (RG) designator for that depth and BT are set out in rows according to depth;
  - (2) For dive depths to 18 msw or shallower:
    - (i) Decompression stops are taken at 3 msw only; and
    - (ii) Decompression stop times (min) at 3 msw are set out below the 18 msw row.
  - (3) For dive depths deeper than 18 msw down to 45 msw:
    - (i) Decompression stops are taken at 6 msw and at 3 msw; and
    - (ii) Decompression stop times (min) at 6 msw and at 3 msw are set out below the 45 msw row.

2. **Bottom Times without a RG.** In CAF Air Diving Table 1S where bottom times appear without a RG, repetitive diving is NOT ALLOWED.

3. **No-Decompression Limits.** No-decompression limits in CAF Air Diving Tables 1 and 1S are for first dive or single/combined dives.

4. **Stop Times, Travel Time and Ascent Rate.** Stop times are given in increments of 5 minutes and include the travel time to the stop at an ascent rate of  $18 \pm 3$  mpm.

5. **Using CAF Air Diving Table 1S:**

- a. **EXAMPLE 1:**



**NOTE**

Determine the decompression schedule for a dive to 31 msw with a bottom time of 22 minutes using CAF Air Diving Table 1S.

- (1) Enter CAF Air Diving Table 1S at the left-hand depth column at the depth equal to or next greater than 31 msw;

**Select "33"**

- (2) Using the 33 msw schedule, proceed horizontally across the row and find the listed bottom time equal to or next greater than 22 minutes, together with (where applicable) its RG designator;

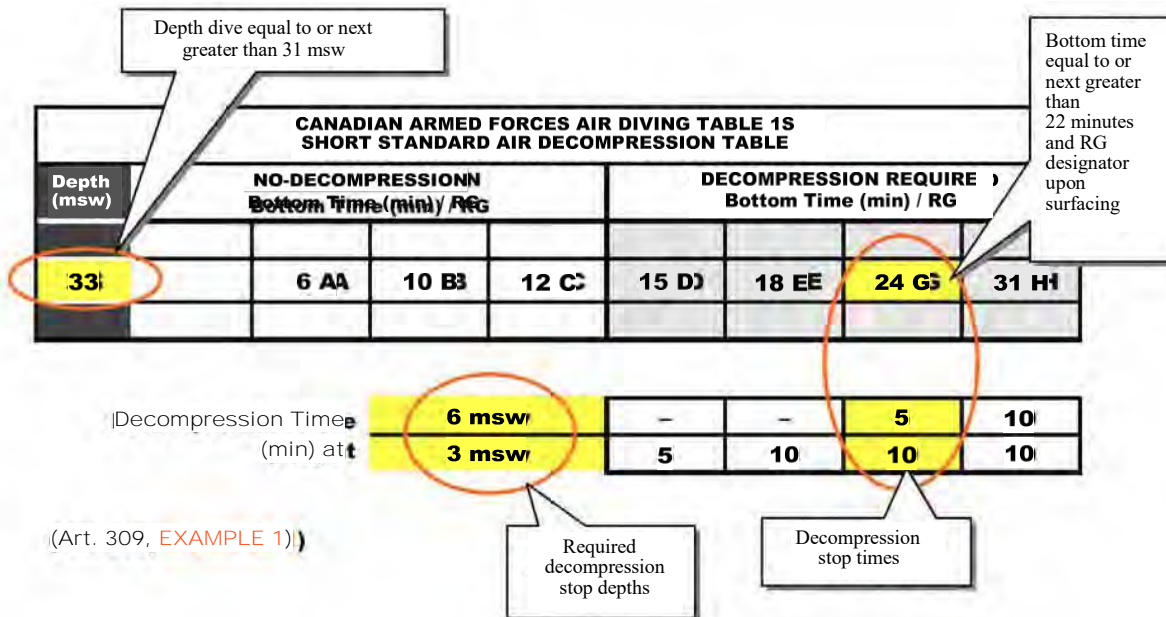
**Select "24 G"** (listed BT equal to or next greater than 22 minutes and RG designator upon surfacing);

- (3) Follow the bottom time column downward to the listed decompression stop times, i.e. **6 msw** for 5 minutes and **3 msw** for 10 minutes;
- (4) Decompression schedule for a dive to 31 msw with a bottom time of 22 minutes from CAF Air Diving Table 1S:

**33 msw / 24 min RG = G**

**6 msw stop for 5-minutes** includes travel time from 31 msw

**3 msw stop for 10-minutes** includes travel time from 6 msw



**310. REPETITIVE DIVING TABLE (CAF AIR DIVING TABLES 4A AND 4B)**

1. There is a quantity of residual nitrogen that remains in a diver's body after every air dive. The Repetitive Group (RG) letter assigned to the respective dive profile by either CAF Air Diving Table 1 or CAF Air Diving Table 1S expresses this quantity. This residual nitrogen will gradually reduce to a normal level over a period of eighteen (18) hours. If the diver is to make a repetitive dive within this period, the residual nitrogen level must be considered when planning for repetitive diving. Repetitive Air Diving Tables have been developed to protect the diver from the effects of residual nitrogen.

2. CAF Air Diving Table 4, Repetitive Diving Table, consists of two parts: CAF Air Diving Table 4A, Repetitive Factors/Surface Intervals Table, and CAF Air Diving Table 4B, No-Decompression Repetitive Diving Table. These tables permit repetitive diving only within the range of the NORMAL AIR DIVING LIMIT as outlined in Figure 3-1.

a. All depths are measured in meters of seawater (msw):

- (1) CAF Air Diving Table 4A, Repetitive Factors / Surface Intervals Table, Chapter 3, Annex A3, Figure 3A-3, and
- (2) CAF Air Diving Table 4B, No-Decompression Repetitive Diving Table, Chapter 3, Annex A3, Figure 3A-3.

3. In CAF Air Diving Table 4A a Repetitive Factor (RF) (a two-digit number from 1.0 to 2.0) is given for each Repetitive Group (RG) letter (from A to O) at selected Surface Intervals (SI) from 15 minutes to 18 hours. As the SI increases, the RF diminishes until it becomes 1.0.

- a. A dive is considered a repetitive dive if it is conducted while the RF of the previous dive is greater than 1.0. For example, any dive within 18 hours after surfacing with a RG of H or higher, the dive would be considered a repetitive dive.
- b. The RFs in CAF Table 4A have been cut off at 2.0. It is considered that after a strenuous first dive, the SI should be sufficient in length to reduce the residual nitrogen level of the diver to that degree.
- c. If it is necessary to conduct a repetitive dive where the RF is greater than 2.0, the procedure to determine the decompression schedule is the same as when the SI is less than 15 minutes or, as described in paragraph 12.

4. The RF is used to calculate the Effective Bottom Time (EBT) for the repetitive dive. The EBT is determined by multiplying the actual bottom time of the repetitive dive by the RF. It is the total of the actual bottom time plus the time considered to have been already spent at that depth (because of the residual nitrogen remaining in the body from the previous dive). The EBT is used to determine the decompression requirements for the repetitive dive.

5. In CAF Air Diving Table 4B, No-Decompression Repetitive Diving, the allowable no-decompression ("No-D") limits for repetitive dives are shown for different depths as a function of the RF. These No-D limits are actual bottom times and not EBTs.
  - a. The BTs of these repetitive allowable No-D limits are less than those No-D limits given in CAF Air Diving Tables 1 and 1S that are for first dives only.
6. For any repetitive diving, consult CAF Air Diving Table 4B to determine whether the planned dive is a no-decompression dive or whether de-compression will be required.
7. Determining the Allowable No-D Limit (min), EBT (min) and RG of a Repetitive Dive:
  - a. Determine the RG of the First Dive. Enter CAF Air Diving Table 1 or 1S in depth column at depth equal to or greater than the depth of the first dive. Select bottom time equal to or greater than the actual bottom time. Select appropriate RG designator.
  - b. Determine the RF of the First Dive. Enter CAF Air Diving Table 4A. Where the RG designator of first dive and appropriate SI intersect, obtain the first dive Repetitive Factor (RF).
  - c. Determine the Repetitive Dive Allowable No-D Limit (min). Enter CAF Air Diving Table 4B in depth column at listed depth equal to or greater than the depth of the repetitive dive. The allowable No-D limit of the repetitive dive is found at the intersection of the depth row and RF column. This is actual bottom time and not EBT.
  - d. Determine the EBT of the Repetitive Dive. The effective bottom time (min) of a repetitive dive equals the actual bottom time of the repetitive dive multiplied by the RF of the previous dive (from CAF Air Diving Table 4A):

$$\mathbf{EBT = BT \times RF}$$

- e. Determine the RG of the Repetitive Dive. Enter CAF Air Diving Table 1 or 1S in the depth column at the depth equal to or greater than the depth of the repetitive dive and proceed horizontally to the bottom time equal to or next greater than the EBT. Note the repetitive dive RG designator.

#### **NOTE**

If repetitive diving is planned, refer to paragraph 13. Repetitive Group (RG) Adjustments for Repetitive Dives.

8. A worksheet to aid in the calculation of decompression requirements for repetitive dives is provided at Figure 3-9 (Repetitive Diving Worksheet).

9. No-Decompression Repetitive Dives:

- a. If the actual bottom time of the repetitive dive is less than or equal to the allowable No-D limit found in CAF Air Diving Table 4B, the repetitive dive is a No-D dive.
- b. EXAMPLE 1

**NOTE**

Determine the allowable No-D limit, EBT and RG for a repetitive dive to 15 msw with a bottom time of 30 minutes, following a first dive to 18 msw with a bottom time of 30 minutes and a Surface Interval (SI) of 1 hour.

- (1) Enter CAF Air Diving Table 1 or 1S in depth column at depth next greater than or equal to the depth of the first dive to obtain first dive RG designator. Given: Depth (Dive 1) = 18 msw, BT (Dive 1) = 30 min, then using CAF Table 1S:

**RG (Dive 1) = D**

CANADIAN ARMED FORCES AIR DIVING TABLE 1 STANDARD AIR DECOMPRESSION TABLE										
Depth (msw)	Bottom Time (min)	Stop Time (min) at Depth (msw)							Decom. Time (min)	RG
		24	21	18	15	12	9	6		
18	30	-	-	-	-	-	-	-	1	D

Depth equal to or next greater than depths of first dive

BT equal to or next greater than BT of first dive

(Art. 310, part EXAMPLE 1)

Repetitive group (RG) designator upon surfacing from first dive

- (2) Enter CAF Air Diving Table 4A at repetitive group designator of first dive to obtain first dive repetitive factor. Given: RG(Dive 1) = D, SI = 1 hr, then using CAF Table 4A:

**RF (Dive 1) = 1.4**

CANADIAN ARMED FORCES AIR DIVING TABLE 4 REPETITIVE DIVING TABLE											
A. REPETITIVE FACTORS / SURFACE INTERVALS TABLE											
RG	Repetitive Factors (RF) for Surface Intervals (SI) (hr : min)										
	0:15 - 0:29	0:30 - 0:59	1:00 - 1:29	1:30 - 1:59	2:00 - 2:59	3:00 - 3:59	4:00 - 5:59	6:00 - 8:59	9:00 - 11:59	12:00 - 14:59	15:00 - 18:00
D	1.8	1.5	1.4	1.3	1.3	1.2	1.2	1.1	1.1	1.0	1.0

SI = 1 hr

Repetitive group (RG) designator of first dive from CF Air Diving Table 1

Repetitive factor (RF) of first dive

(Art. 310, part EXAMPLE 1)

- (3) Enter CAF Air Diving Table 4B in depth column at depth equal to or greater than or depth of the repetitive dive. The allowable No-D limit of the repetitive dive is found at the intersection of the depth row and RF column. This is actual bottom time and not EBT. Given: Depth(Dive 2) = 15 msw, RF (Dive 1) = 1.4, then using CAF Table 4B:

**Allowable No-D Limit (Dive 2) = 45 minutes**

- (4) The actual bottom time of the repetitive dive (30 minutes) is less than or equal to the allowable No-D limit (45 minutes) found in CAF Air Diving Table 4B. Therefore, the repetitive dive is a no-decompression dive.

CANADIAN ARMED FORCES AIR DIVING TABLE 4 (METERS) REPETITIVE DIVING TABLE										
B. NO-DECOMPRESSION REPETITIVE DIVING TABLE										
Depth (msw)	Allowable No-D Limits (min) for Repetitive Factors (RF)									
	1.1	1.2	1.3	1.4	1.5	1.6	1.7	1.8	1.9	2.0
15	60	55	50	45	41	38	36	34	32	31

(Art. 310, part EXAMPLE 1)

Depth equal to or next greater than depth of repetitive dive

Allowable No-D limit (min) of repetitive dive (actual bottom time, not EBT)

- (5) EBT is determined by multiplying the actual bottom time of the repetitive dive by the RF of the previous dive (obtained from CAF Air Diving Table 4A).

**EBT = BT (Dive 2) x RF (Dive 1) = 30 minutes x 1.4**

**EBT (Dive 2) = 42 minutes**

- (6) Enter CAF Air Diving Table 1S in the depth column at the depth equal to or next greater than the depth of the repetitive dive and proceed horizontally to the bottom time equal to or next greater than the EBT. Note the repetitive dive RG designator. Given: Depth(Dive 2) = 15 msw, BT next ≥ 42 min = 50 min, then using CAF Table 1S:

**RG (Dive 2) = E**

CANADIAN ARMED FORCES AIR DIVING TABLE 1S SHORT STANDARD AIR DECOMPRESSION TABLE								
Depth (msw)	NO-DECOMPRESSION Bottom Time (min) / RG				DECOMPRESSION REQUIRED Bottom Time (min) / RG			
	15	18 A	30 C	50 E	75 G	90 H	110 J	128 L
	25 B	40 F	60 F		100 I	120 K		

Bottom time equal to or next greater than the 42-min EBT

RG designator upon surfacing from repetitive dive

(Art. 310, part EXAMPLE 1)

c. Minimum Surface Interval (SI) for a No-D Repetitive Dive. EXAMPLE 2:

**NOTE**

Determine the minimum SI (min) required following a first dive to 24 msw with a bottom time of 25 minutes, with a repetitive dive to 15 msw with a planned bottom time of 50 minutes.

- Enter CAF Air Diving Table 4B in depth column at depth equal to or greater than the depth of the repetitive dive and proceed horizontally to the bottom time equal to or greater than the intended bottom time. Proceed upward in the column to find the RF for the repetitive dive. Given: Depth(Dive 2) = 15 msw, BT(Dive 2) = 50 min), then using CAF Table 4B:

**RF (Dive 2) = 1.3**

CANADIAN ARMED FORCES AIR DIVING TABLE 4 REPETITIVE DIVING TABLE										
B. NO-DECOMPRESSION REPETITIVE DIVING TABLE										
Depth (msw)	Allowable No-D Limits (min) for Repetitive Factors (RF)									
	1.1	1.2	1.3				1.7	1.8	1.9	2.0
15	60	55	50	45	41	38	36	34	32	31

Depth equal to or greater than the depth of the repetitive dive

BT equal to or greater than the bottom time of the repetitive dive

RF of repetitive dive

(Art. 310, part EXAMPLE 2)

- Enter CAF Air Diving Table 4A at the RG of the previous dive.
- RG (Dive 1) = E (from CAF Air Diving Table 1 or 1S);**


- (4) Proceed horizontally to the required RF.
- (5) **RF (Dive 2) = 1.3 (from CAF Air Diving Table 4B);**
- (6) Proceed upward in the column to determine the minimum SI required:

**Minimum SI = 2 hours**

CANADIAN ARMED FORCES AIR DIVING TABLE 4 REPETITIVE DIVING TABLE											
A. REPETITIVE FACTORS / SURFACE INTERVALS TABLE											
RG	Repetitive Factors (RF) for Surface Intervals (SI) (hr : min)										
	0:15 → 0:29	0:30 → 0:59	1:00 → 1:29	1:30 → 1:59	2:00 → 2:59	3:00 → 3:59	4:00 → 5:59	6:00 → 8:59	9:00 → 11:59	12:00 → 14:59	15:00 → 18:00
<b>E</b>	1.9	1.6	1.5	1.4	1.3	1.3	1.2	1.2	1.1	1.1	1.0

Minimum SI = 2 hrs/5

(Art. 310, part EXAMPLE 2)



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## CANADIAN ARMED FORCES AIR DIVING TABLES REPETITIVE DIVING WORKSHEET (METRES)

### FIRST DIVE

\_\_\_\_\_ msw \_\_\_\_\_ min    Table Used \_\_\_\_\_

1<sup>st</sup> Dive Repetitive Group    RG \_\_\_\_\_ (CF Table 1 or 1S)

### SECOND DIVE

SI \_\_\_\_\_ hr \_\_\_\_\_ min    RF \_\_\_\_\_ (CF Table 4A)

Depth \_\_\_\_\_ msw    Table Used \_\_\_\_\_

Allowable No-D Limit \_\_\_\_\_ min (CF Table 4B)

Bottom Time (BT) \_\_\_\_\_ min

Decompression Required?    YES    NO \_\_\_\_\_

RF \_\_\_\_\_ x BT \_\_\_\_\_ = \_\_\_\_\_ min EBT

### DECOMPRESSION SCHEDULE

_____ msw	_____ min
_____ msw	_____ min
_____ msw	_____ min
_____ msw	_____ min
_____ msw	_____ min

Repetitive Dive    RG \_\_\_\_\_ (from Table Used)

Adjusted Repetitive Dive    RG \_\_\_\_\_

#### NOTES

1)    If the BT exceeds the allowable No-D limit in Table 4B but the EBT is less than the No-D limit in CF Air Diving Tables 1, 1S, 2, 2S or 3, then a 3 msw for 5-minute air decompression stop is required.

2)    The RG shall be adjusted to the same as that of the decompression schedule requiring the 3 msw for 5-minute stop.

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Figure 3-9 Repetitive Diving Worksheet (Meters)



10. Repetitive Dives Requiring Decompression

- a. If the actual bottom time of the repetitive dive is greater than the allowable No-D limit shown in CAF Air Diving Table 4B, the repetitive dive requires decompression.
- b. EXAMPLE 3

**NOTE**

Is decompression required for a repetitive dive to 33 msw with a bottom time of 10 minutes, following a previous dive to 33 msw with a bottom time of 15 minutes, SI of 40 minutes?

- (1) Obtain the RG of the previous dive from CAF Air Diving Table 1 or 1S.  
Given: Depth(Dive 1) = 33, BT(Dive1) = bottom time equal to or next greater than 15 minutes, then using CAF Table 1:

**RG (Dive 1) = D**

CANADIAN ARMED FORCES AIR DIVING TABLE 1 STANDARD AIR DECOMPRESSION TABLE										
Depth (msw)	Bottom Time (min)	Stop Time (min) at Depth (msw)							Decom. Time (min)	RG
		24	21	18	15	12	9	6		
33	15	-	-	-	-	-	-	5	5	D

(Art. 310, part EXAMPLE 3)

- (2) Enter CAF Air Diving Table 4A at the RG designator of the previous dive to obtain the RF using the given: RG(Dive 1) = D, SI = 40 min, then using CAF Table 4A:

RF (Dive 1) = 1.5

CANADIAN ARMED FORCES AIR DIVING TABLE 4 REPETITIVE DIVING TABLE											
A. REPETITIVE FACTORS / SURFACE INTERVALS TABLE											
RG	Repetitive Factors (RF) for Surface Intervals (SI) (hr : min)										
	0:15 - 0:29	0:30 - 0:59	1:00 - 1:29	1:30 - 1:59	2:00 - 2:59	3:00 - 3:59	4:00 - 5:59	6:00 - 8:59	9:00 - 11:59	12:00 - 14:59	15:00 - 18:00
D	1.8	1.5	1.4	1.3	1.3	1.2	1.2	1.1	1.1	1.0	1.0

RF of previous dive

(Art. 310, part EXAMPLE 3)

- (3) Per CAF Air Diving Table 4B, for a repetitive dive to 33 msw when RF (Dive 1) = 1.5, the allowable No-D limit is 7 minutes.

Allowable No-D limit of repetitive dive = 7 minutes

CANADIAN ARMED FORCES AIR DIVING TABLE 4 REPETITIVE DIVING TABLE										
B. NO-DECOMPRESSION REPETITIVE DIVING TABLE										
Depth (msw)	Allowable No-D Limits (min) for Repetitive Factors (RF)									
	1.1	1.2	1.3	1.4	1.5	1.6	1.7	1.8	1.9	2.0
33	10	9	8	8	7	7	6	6	6	6

Allowable No-D limit of repetitive dive

(Art. 310, part EXAMPLE 3)

- (4) Bottom time of the repetitive dive (10 minutes) is greater than the allowable No-D limit shown in CAF Air Diving Table 4B (7 minutes). Therefore, the repetitive dive requires decompression.
- (5) Determine the EBT by multiplying the bottom time of the repetitive dive by the RF of the previous dive.

EBT = BT (Dive 2) x RF (Dive 1) = 10 minutes x 1.5

EBT = 15 minutes

- (6) Enter CAF Air Diving Table 1S. Determine the decompression schedule using the repetitive dive depth and the EBT.

33 msw / 15 min

(7) Determine decompression stop required for this repetitive dive.

**3 msw stop for 5-minutes**

CANADIAN ARMED FORCES AIR DIVING TABLE 1 STANDARD AIR DECOMPRESSION TABLE											
Depth (msw)	Bottom Time (min)	Stop Time (min) at Depth (msw)								Decom. Time (min)	RG
		24	21	18	15	12	9	6	3		
3	15	-	-	-	-	-	-	-	5	5	D

(Art. 310, part EXAMPLE 3)

11. Repetitive Bottom Times exceeding the Allowable No-D Limits in CAF Air Diving Table 4B but with EBTs less than the No-D Limits in CAF Air Diving Tables 1 and 1S.

- a. For repetitive bottom times exceeding the Allowable No-D limits in CAF Air Diving Table 4B but with EBTs less than the No-Decompression Limits in CAF Air Diving Tables 1 and 1S a **3 msw decompression stop** for 5-minute is **mandatory**.
- b. The No-D limits in CAF Air Diving Tables 1 and 1S are for **first dives only**.
- c. The repetitive group (RG) shall be adjusted to the same as that of the decompression schedule requiring the 3 msw stop for 5 min.
- d. EXAMPLE 4

**NOTE**

Is decompression required for a repetitive dive to 18 msw with a bottom time of 30 minutes, following a previous dive to 18 msw with a bottom time of 50 minutes, SI of 1 hour 45 minutes?

(1) Obtain the RG of the previous dive from CAF Air Diving Table 1 or 1S.

RG (Dive 1) = F

**CANADIAN ARMED FORCES AIR DIVING TABLE 1S  
SHORT STANDARD AIR DECOMPRESSION TABLE**

Depth (msw)	NO-DECOMPRESSION Bottom Time (min) / RG				DECOMPRESSION REQUIRED Bottom Time (min) / RG			
18	14 A 20 B	25 C 30 D	40 E	50 F	60 G	70 H 80 I	88 JJ	95 K

(Art. 310, part EXAMPLE 4))

Bottom time equal to or next greater than previous dive 50-min

RG designator of previous dive

- (2) Enter CAF Air Diving Table 4A at the RG designator of the previous dive to obtain the RF using the given: RG(Dive 1) = F, SI = 1 hour 45 minutes, then using CAF Table 4A:

RF (Dive 1) = 1.5

**CANADIAN ARMED FORCES AIR DIVING TABLE 4  
REPETITIVE DIVING TABLE**

**REPETITIVE FACTORS / SURFACE INTERVALS TABLE**

RG	Repetitive Factors (RF) for Surface Intervals (SI) (hr : min)										
	0:15 → 0:29	0:30 → 0:59	1:00 → 1:29	1:30 → 1:59	2:00 → 2:59	3:00 → 3:59	4:00 → 5:59	6:00 → 8:59	9:00 → 11:59	12:00 → 14:59	15:00 → 18:00
F	2.0	1.7	1.6	1.5	1.4	1.3	1.3	1.2	1.1	1.1	1.0

(Art. 310, part EXAMPLE 4))

RG of previous dive

SI = 1:45

RF of previous dive

- (3) Per CAF Air Diving Table 4B, for a repetitive dive to a depth of 18 msw when RF (Dive 1) = 1.5, the allowable No-D limit of this dive = 27 minutes.

Allowable No-D limit = 27 minutes

**CANADIAN ARMED FORCES AIR DIVING TABLE 4  
REPETITIVE DIVING TABLE**

**B. NO-DECOMPRESSION REPETITIVE DIVING TABLE**

Depth (msw)	Allowable No-D Limits (min) for Repetitive Factors (RF)									
	1.1	1.2	1.3	1.4	1.5	1.6	1.7	1.8	1.9	2.0
18	40	35	31	29	27	26	24	23	22	21

(Art. 310, part EXAMPLE 4))

Allowable No-D limit of the repetitive dive

- (4) Bottom time of the repetitive dive (30 minutes) is greater than the allowable No-D limit shown in CAF Air Diving Table 4B (27 minutes). Therefore, the repetitive dive re-quires decompression.
- (5) Determine EBT by multiplying the bottom time of the repetitive dive by the RF of the previous dive.

EBT = BT (min) (Dive 2) x RF (Dive 1)  
 EBT = 30 minutes x 1.5  
**EBT = 45 minutes**

- (6) EBT (45 minutes) is less than the No-Decompression Limit (50 minutes) shown in CAF Air Diving Table 1S.
  - (i) A 3 msw decompression stop for 5 minutes is mandatory.
  - (ii) The No-D limits in CAF Air Diving Tables 1 and 1S are for first dives only.

CANADIAN ARMED FORCES AIR DIVING TABLE 1S SHORT STANDARD AIR DECOMPRESSION TABLE								
Depth (msw)	NO-DECOMPRESSION Bottom Time (min) / RG				DECOMPRESSION REQUIRED Bottom Time (min) / RG			
	18	14 A 20 B	25 C 30 D	40 E	50 F	60 G	70 H 80 I	88 J

(Art. 130, part EXAMPLE 4)

No-D limit (minutes) equal to or next greater than EBT

RG adjusted to the same as that of the deco schedule requiring 3 msw stop for 5 min

**12. Surface Intervals Less than 15 Minutes:**

- a. The procedure to determine the decompression schedule when the SI is less than 15 minutes between dives is as follows:
  - (1) Take the deepest depth of the dives;
  - (2) Add the bottom times together to obtain the EBT; and
  - (3) Determine the decompression schedule by using the deepest depth and combined bottom times.
- b. EXAMPLE 5:

**NOTE**

Determine the decompression schedule for a dive to 18 msw with a bottom time of 20 minutes, surface interval of 10 minutes, followed by a dive to 15 msw with a bottom time of 25 minutes.

- (1) Deepest depth achieved during both dives = 18 msw
- (2) SI = 10 minutes. SI < 15, therefore EBT(Dive 2) = BT (Dive 1) + BT (Dive 2) = 20 minutes + 25 minutes = 45 minutes

**EBT = 45 minutes**

Decompression schedule from CAF Air Diving Table 1S:  
 18 msw / 50 min RG = F  
 No Decompression Required

CANADIAN ARMED FORCES AIR DIVING TABLE 1S SHORT STANDARD AIR DECOMPRESSION TABLE								
Depth (msw)	NO-DECOMPRESSION Bottom Time (min) / RG				DECOMPRESSION REQUIRED Bottom Time (min) / RG			
	18	14 A 20 B	25 C 30 D	40 E	50 F	60 G	70 H 80 I	88 J

(Art. 310, part EXAMPLE 5)

13. Repetitive Group (RG) Adjustments:

- a. Repetitive dive tables have fixed limits and cannot take into account every possible diving situation. Repetitive Group adjustments may be required in some cases after a repetitive dive. These adjustments are necessary to eliminate the potential for decompression related ailments (DCS, omitted D and flying after diving).
- b. If a series of similar no-decompression repetitive dives are conducted (i.e. similar depth/bottom time/surface interval) it is possible to get locked into a loop resulting in the same RG and RF after each dive. Because decompression will eventually be required it is necessary to adjust the RG to break out of this loop. Similarly, if a short duration dive follows a dive with a longer bottom time, the RG calculated for the second dive will be too small and will not take into account the influence of the longer first dive. The second dive RG must be adjusted.
- c. Whenever repetitive dives are conducted, determine the RG that corresponds to the depth and EBT of the just-completed repetitive dive using the appropriate decompression table (CAF Air Diving Table 1 or 1S).

d. If an RG adjustment is required, it must be recorded on the Repetitive Dive Worksheet as the Adjusted Repetitive Group. This adjusted RG shall be used for subsequent planning. i.e. Repetitive diving and flying after diving etc.

e. Making Repetitive Group (RG) Adjustments:

- (1) If the RG of the just completed dive is greater than the RG of the previous dive, no adjustment is necessary. For example:

Previous dive's RG = D

Just-completed dive's RG = E  $E > D$

**NO RG ADJUSTMENT REQUIRED.**

If the RG of the just completed dive is lower than or equal to the RG of the previous dive and the surface interval is less than six hours, adjust the just-completed dive's RG by one letter greater than the previous dives RG. This is now the adjusted RG. For example:

Previous dive's RG = D

Just-completed dive's RG = B  $SI < 6 \text{ hrs}$

$B \leq D$

**RG ADJUSTMENT IS REQUIRED.** The Adjusted RG of the just-completed dive is now "E" (i.e. D + 1 letter).

- (2) If the RG of the just completed dive is lower than or equal to the RG of the previous dive and the surface interval is more than six hours, adjust the RG of the just-completed dive upward by one letter. This is now the adjusted RG for the just-completed dive. For example:

Previous dive's RG = D

Just-completed dive's RG = B  $SI > 6 \text{ hrs}$

$B \leq D$

**RG ADJUSTMENT IS REQUIRED.** The Adjusted RG of the just-completed dive is now "C" (i.e. B + 1 letter).

14. Refer to Figure 3-10, CAF Air Diving Tables Repetitive Diving Flowchart, for aid in the use of repetitive diving procedures.

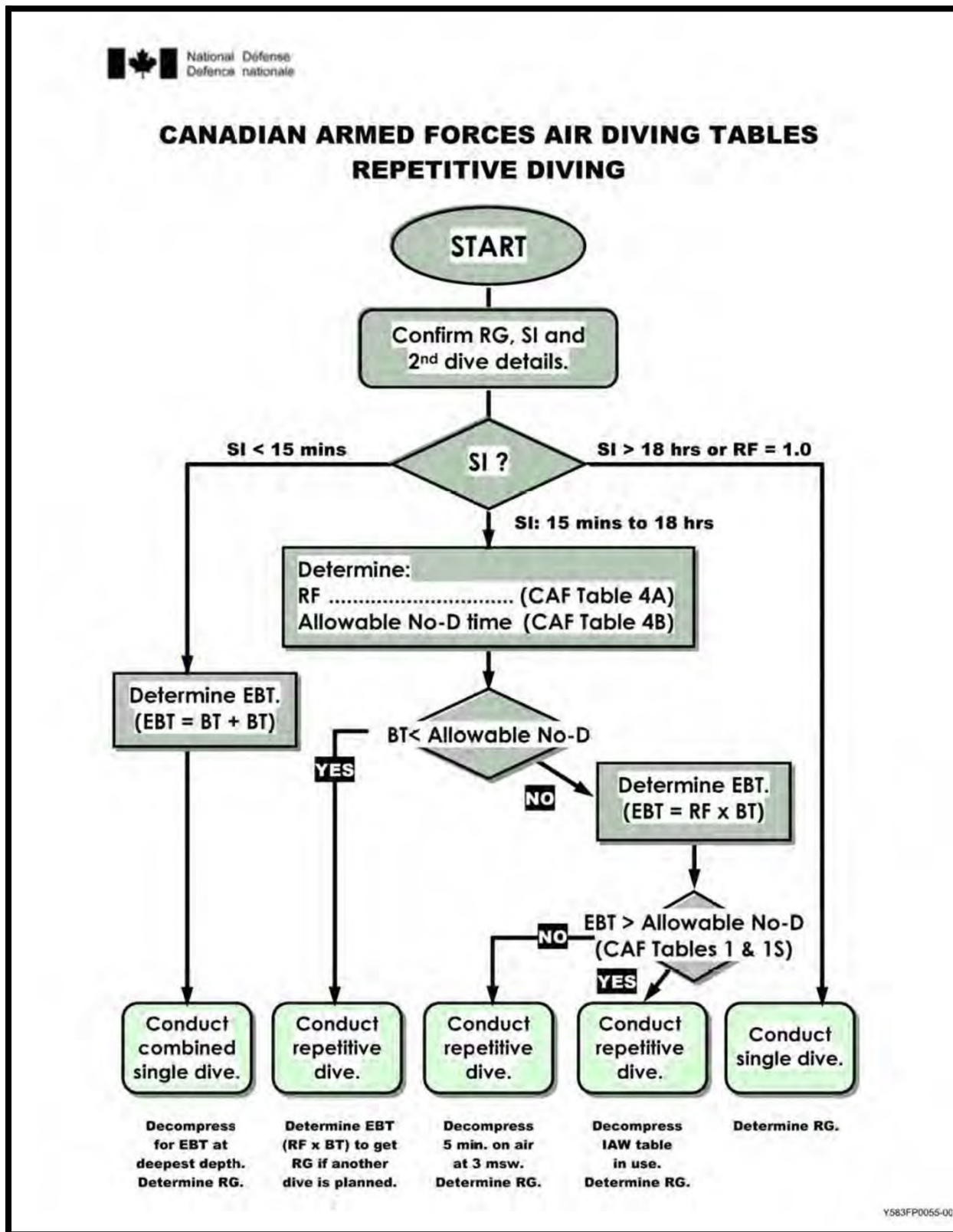


Figure 3-10 CAF Air Diving Tables Repetitive Diving Flowchart



### **311. DEPTH CORRECTIONS FOR DIVING AT ALTITUDE TABLE (CAF AIR DIVING TABLE 5)**

1. CAF Air Diving Table 5, Depth Corrections for Diving at Altitude Table, provides tabulated depth corrections for determining decompression profiles and decompression stop depths when diving in elevated areas above sea level. These corrections are necessary because the surface pressure and the underwater absolute pressure are less at altitude. Of particular significance is that diving tables and decompression techniques are designed to return a diver safely to a sea level pressure and not to a lesser pressure as found at altitude. This reduced atmospheric pressure at the surface makes the dive at altitude equivalent to a deeper dive at sea level.
2. The Depth Corrections for Diving at Altitude Table has been developed accordingly to resolve these differences by providing depth corrections for selected altitudes up to 3000 meters. These depth corrections are added to the actual depth to determine the dive profile to be used for decompression purposes. In addition, the table sets out the actual stop depths to be used in place of the standard decompression stops.

#### **NOTE**

Divers are cautioned that diver's depth gauges may not read "actual" water depth at altitudes. The diver's digital depth gauge measures the diving depth independently of air pressure and is therefore much more precise. Shot lines or hand held depth sounders should be used to sound the depth.

3. All depths are measured in meters of seawater (msw). Refer to CAF Air Diving Table 5 (METERS), Depth Corrections for Diving at Altitude, Chapter 3, Annex A3, Figure 3A-4.
4. Using CAF Air Diving Table 5
  - a. Establish the altitude of the dive site in meters.
  - b. Determine the actual maximum water depth of the dive in meters.
  - c. Determine acclimatization factor, if any.
    - (1) Due to acclimatization effect, if diving at altitude is conducted within 24 hours after arrival at the dive site, then apply an additional 3 meters to the actual maximum depth of the dive. Use the adjusted depth to obtain the depth correction from CAF Air Diving Table 5.
    - (2) Once past the 24-hour acclimatization period, the 3 meters addition is not required.

- d. Find the correction for the actual depth according to the altitude from CAF Air Diving Table 5 and add this correction to the actual depth to obtain the effective depth (ED).
- e. Determine the decompression schedule from the appropriate decompression table by applying the ED and the actual planned bottom time.
- f. Replace the decompression stop depths from the normal decompression table with the stop depths shown under Actual Decompression Stop Depth at Altitude, CAF Air Diving Table 5. The stop times are not changed.
- g. Decompress on this altitude schedule IAW normal procedures using regular travel rates.
- h. Worksheets to assist in the calculation of decompression requirements for diving at altitude are provided at Figure 3-11, Altitude Diving Worksheet (meters)
- i. EXAMPLE 1

#### NOTE

Determine the decompression schedule for a dive to 30 msw with a bottom time of 20 minutes at an altitude of 2180 meters. The diver is acclimatized.

- (1) Establish the altitude of the dive site (meters): 2180 m.
- (2) Determine actual maximum water depth of the dive: 30 msw.
- (3) Determine the acclimatization factor, if any: NIL.
  - (a) Diver is acclimatized, i.e. diver has been at dive site altitude longer than the 24-hour acclimatization period. The 3-meters acclimatization factor is therefore not required.
- (4) Find dive depth correction according to depth/altitude from CAF Air Diving Table 5.
  - (a) Dive depth correction, 30 msw dive at 2180 m: +9 msw.

CANADIAN ARMED FORCES AIR DIVING TABLE 5 DEPTH CORRECTIONS FOR DIVING AT ALTITUDE TABLE									
Depth (msw)	Depth Correction at Altitude								
	100 → 299	300 → 599	600 → 899	900 → 1199	1200 → 1499	1500 → 1799	1800 → 2099	2100 → 2399	2400 → 3000
30	+0	+3	+3	+6	+6	+9	+9	+9	+12

(Art. 311, part EXAMPLE 1)

(5) Determine effective depth (ED):

$$ED = \text{Actual depth of dive} + \text{acclimatization factor, if any} + \text{dive depth correction} =$$

$$30 \text{ msw} + (\text{NIL}) + 9 \text{ msw}$$

$$ED = 39 \text{ msw}$$

(6) Determine the decompression schedule from CAF Air Diving Table 1 or 1S for the repetitive dive ED and bottom time (20 minutes). Dive profile ED/BT = 39 msw / 20 min. Decompression schedule required (from CAF Air Diving Table 1S):

**39 msw / 21 min**

CANADIAN ARMED FORCES AIR DIVING TABLE 1S (METRES) SHORT STANDARD AIR DECOMPRESSION TABLE								
Depth (msw)	NO-DECOMPRESSION Bottom Time (min) / RG				DECOMPRESSION REQUIRED Bottom Time (min) / RG			
	39			5 A	8 B	10 C	13 D	17 F

(Art. 311, part EXAMPLE 1)

- (7) Replace the decompression stop depths from the normal decompression table with the stop depths shown under "Actual Decompression Stop Depth at Altitude", CAF Air Diving Table 5. The stop times are not changed.

CANADIAN ARMED FORCES AIR DIVING TABLE 5 DEPTH CORRECTIONS FOR DIVING AT ALTITUDE TABLE									
Sea Level Stop Depth (msw)	Actual Decompression Stop Depth at Altitude								
	100 → 299	300 → 599	600 → 899	900 → 1199	1200 → 1499	1500 → 1799	1800 → 2099	2100 → 2399	2400 → 3000
3	3.0	3.0	3.0	3.0	2.5	2.5	2.5	2.5	2.5
6	6.0	6.0	6.0	5.5	5.5	5.0	5.0	5.0	4.5
9	9.0	9.0	8.5	8.0	7.5	7.5	7.0	7.0	7.0

(Art. 311, part **EXAMPLE 1**)

Altitude of dive site

Adjusted stop depths

CANADIAN ARMED FORCES AIR DIVING TABLE 1S (METRES) SHORT STANDARD AIR DECOMPRESSION TABLE								
Depth (msw)	NO-DECOMPRESSION Bottom Time (min) / RG				DECOMPRESSION REQUIRED Bottom Time (min) / RG			
			5 A	8 B	10 C	13 D	17 F	21 G
39								
Decompression Time (min) at			6 msw		-	-	5	10
			3 msw		5	10	10	10

(Art. 311, part **EXAMPLE 1**)

- (8) Decompress on this altitude schedule IAW normal procedures using standard rates of travel.

5. The example below illustrates the completion of a sample Altitude Diving Worksheet when the diver is acclimatized, i.e. the diver has been at dive site altitude longer than the 24-hour acclimatization period. The 3-metre acclimatization factor is therefore NOT REQUIRED.

**DIVER IS ACCLIMATIZED**

<b>CANADIAN ARMED FORCES AIR DIVING TABLES ALTITUDE DIVING WORKSHEET</b>	
<b>Altitude of dive site</b>	<u>2180</u> metres
<b>Actual depth of dive</b>	(A) <u>30</u> msw
<b>Acclimatization factor (+3 msw if &lt; 24 hrs)</b>	(B) <u>NIL</u> msw
<b>A + B = C (Depth for CAF Table 5)</b>	(C) <u>30</u> msw
<b>Dive depth correction* (CAF Air Diving Table 5)</b>	(D) <u>9</u> msw
<b>Effective depth (ED) (C + D)</b>	<u>39</u> msw
<b>Bottom time (BT)</b>	<u>20</u> min
<b>Dive Profile (ED / BT)</b>	<u>39</u> msw <u>20</u> min
<b>Decompression Schedule from CAF Air Diving Table <u>15</u></b>	<u>39</u> msw <u>21</u> min

<b>ALTITUDE DIVE DECOMPRESSION STOPS</b>		
Sea Level Stop Depth (msw)	Actual Stop Depth (msw)	Stop Time (min)
<b>12</b>	msw	min
<b>9</b>	msw	min
<b>6</b>	<u>5.0</u> msw	<u>10</u> min
<b>3</b>	<u>2.5</u> msw	<u>10</u> min
<b>Oxygen</b>	msw	min
<b>Repetitive Group (RG) = <u>G</u></b>		

\* If the diver has been at the altitude of the dive site for less than 24 hours, find the dive depth correction by first adding the acclimatization factor to the actual depth of the dive. Enter CAF Air Diving Table 5 at that depth to obtain depth correction.

6. The example below illustrates the completion of a sample Altitude Diving Worksheet when the diver is NOT acclimatized, i.e. the diver has been at dive site altitude less than the 24-hour acclimatization period. The 3-metre acclimatization factor is therefore REQUIRED.

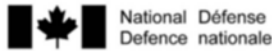
***DIVER IS NOT ACCLIMATIZED***

CANADIAN ARMED FORCES AIR DIVING TABLES ALTITUDE DIVING WORKSHEET	
Altitude of dive site	<u>2180</u> metres
Actual depth of dive	(A) <u>30</u> msw
Acclimatization factor (+3 msw if < 24 hrs)	(B) <u>3</u> msw
A + B = C (Depth for CAF Table 5)	(C) <u>33</u> msw
Dive depth correction* (CAF Air Diving Table 5)	(D) <u>12</u> msw
Effective depth (ED) (C + D)	<u>45</u> msw
Bottom time (BT)	<u>23</u> min
Dive Profile (ED / BT)	<u>45</u> msw <u>15</u> min
Decompression Schedule from CAF Air Diving Table <u>15</u>	<u>45</u> msw <u>16</u> min

Diver NOT acclimatized: 3-metre acclimatization factor is REQUIRED.

ALTITUDE DIVE DECOMPRESSION STOPS		
Sea Level Stop Depth (msw)	Actual Stop Depth (msw)	Stop Time (min)
12	<u>9.5</u> msw	min
9	<u>7.0</u> msw	min
6	<u>5.0</u> msw	<u>10</u> min
3	<u>2.5</u> msw	<u>10</u> min
Oxygen	msw	min
Repetitive Group (RG) = <u>6</u>		

\* If the diver has been at the altitude of the dive site for less than 24 hours, find the dive depth correction by first adding the acclimatization factor to the actual depth of the dive. Enter CAF Air Diving Table 5 at that depth to obtain depth correction.



<b>CANADIAN ARMED FORCES AIR DIVING TABLES ALTITUDE DIVING WORKSHEET (METRES)</b>	
<b>Altitude of dive site</b>	_____ metres
<b>Actual depth of dive</b>	<b>(A)</b> _____ msw
<b>Acclimatization factor (+3 msw if &lt; 24 hrs)</b>	<b>(B)</b> _____ msw
<b>A + B = C (Depth for CAF Table 5)</b>	<b>(C)</b> _____ msw
<b>Dive depth correction* (CAF Air Diving Table 5 (METRES))</b>	<b>(D)</b> _____ msw
<b>Effective depth (ED) (C + D)</b>	_____ msw
<b>Bottom time (BT)</b>	_____ min
<b>Dive Profile (ED / BT)</b>	_____ msw _____ min
<b>Decompression Schedule from CAF Air Diving Table _____</b>	_____ msw _____ min

<b>ALTITUDE DIVE DECOMPRESSION STOPS</b>		
<b>Sea Level Stop Depth (msw)</b>	<b>Actual Stop Depth (msw)</b>	<b>Stop Time (min)</b>
<b>12</b>	msw	<b>min</b>
<b>9</b>	msw	<b>min</b>
<b>6</b>	msw	<b>min</b>
<b>3</b>	msw	<b>min</b>
<b>Oxygen</b>	msw	<b>min</b>
<b>Repetitive Group (RG) =</b>		

\* If the diver has been at the altitude of the dive site for less than 24 hours, find the dive depth correction by first adding the acclimatization factor to the actual depth of the dive. Enter CAF Air Diving Table 5 at that depth to obtain depth correction.

Figure 3-11 Altitude Diving Worksheet (Metres)

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### 312. DIVING AND SNORTING SUBMARINES

1. For no-decompression dives to 15 msw or less, if it is intended to snort within 2 hours of the diver returning to the surface, the instructions in Article 310 for an acclimatized diver should be used. Thus, no-decompression dives should be considered as if they were being conducted at a depth 3 msw deeper than the actual depth of the dive (depth correction for altitudes from 600 - 899 meters in CAF Air Diving Table 5).

- a. For example, a dive to 15 msw would be conducted as if it were at 18 msw. If the surface interval between the completion of the dive and the submarine shutdown or snorting is greater than two hours, no depth correction need be applied.

2. For decompression dives and dives deeper than 15 msw, the instructions for non-acclimatized divers (refer to Article 310) should be applied because of the greater gas uptake. This imposes an additional 3-metre correction to that in CAF Air Diving Table 5. Thus the dive should be considered as being conducted at a depth 6 msw deeper than the actual depth. The surface interval as discussed in paragraph 1 shall not be applied in this situation.

### 313. FLYING AFTER DIVING

1. Before flying after a No-D dive allow enough surface interval time, based on the highest RG achieved and applied after the last dive, for the RF to diminish to 1.0. For example:

- a. The diver completes three No-D repetitive dives with RGs of E, F and B respectively.
- b. The diver commences surface interval time from the just completed dive at 0800 hrs.
- c. The diver's time to fly will be based on the highest RG achieved (i.e. "F") with the surface interval (SI) starting at 0800 hrs (time when surfaced from last dive).
- d. The diver will be clear to fly (i.e. RF = 1.0) in 15 hours (2300 hrs clock time).

CANADIAN ARMED FORCES AIR DIVING TABLE 4 REPETITIVE DIVING TABLE											
A. REPETITIVE FACTORS / SURFACE INTERVALS TABLE:											
RG	Repetitive Factors (RF) for Surface Interbals (SI) in hr : min										
	0:15 - 0:29	0:30 - 0:59	1:00 - 1:29	1:30 - 1:59	2:00 - 2:59	3:00 - 3:59	4:00 - 5:59	6:00 - 8:59	9:00 - 11:59	12:00 - 14:59	15:00 - 18:00
<b>F</b>			1.6	1.5	1.4	1.3	1.3	1.2	1.1	1.1	1.0

Highest RG achieved



2. After No-D dives to a maximum depth of 15 msw for search and rescue operations or training, flying immediately after diving is permitted to a maximum altitude of 600 meters MSL.
  - a. The aircraft that will transport the divers must carry oxygen in case of DCI. The quantity of oxygen should be sufficient to allow oxygen breathing for all divers throughout the flight.
3. After a decompression dive a minimum SI of 24 hours is required before flying.

#### **314. HYPOBARIC CHAMBER DUTIES**

1. Hypobaric chamber inside duties will not be performed within 48 hours of the completion of any dive.



**ANNEX A CANADIAN ARMED FORCES AIR DIVING TABLES (METRES)****NOTE**

These tables cover only bottom times to the limit of the Normal Air Diving Range as shown in Figure 3-1. Exceptional exposure depth ranges and bottom times are excluded.

Depth (msw)	Bottom Time (min)	Stop Times (min) at Different Depths (msw)								Decom. Time (min)	Repet. Group
		24	21	18	15	12	9	6	3		
6	30	-	-	-	-	-	-	-	-	1	A
	60	-	-	-	-	-	-	-	-	1	B
	90	-	-	-	-	-	-	-	-	1	C
	120	-	-	-	-	-	-	-	-	1	D
	150	-	-	-	-	-	-	-	-	1	E
	180	-	-	-	-	-	-	-	-	1	F
	240	-	-	-	-	-	-	-	-	1	G
	300	-	-	-	-	-	-	-	-	1	H
	360	-	-	-	-	-	-	-	-	1	I
	420	-	-	-	-	-	-	-	-	1	J
	480	-	-	-	-	-	-	-	-	1	K
600	-	-	-	-	-	-	-	-	1	L	
720	-	-	-	-	-	-	-	-	1	M	
9	30	-	-	-	-	-	-	-	-	1	A
	45	-	-	-	-	-	-	-	-	1	B
	60	-	-	-	-	-	-	-	-	1	C
	90	-	-	-	-	-	-	-	-	1	D
	100	-	-	-	-	-	-	-	-	1	E
	120	-	-	-	-	-	-	-	-	1	F
	150	-	-	-	-	-	-	-	-	1	G
	180	-	-	-	-	-	-	-	-	1	H
	190	-	-	-	-	-	-	-	-	1	I
	210	-	-	-	-	-	-	-	-	1	J
	240	-	-	-	-	-	-	-	-	1	K
	270	-	-	-	-	-	-	-	-	1	L
	300	-	-	-	-	-	-	-	-	1	M
	330	-	-	-	-	-	-	-	3	3	N
	360	-	-	-	-	-	-	-	5	5	O
<b>400</b>	-	-	-	-	-	-	-	<b>7</b>	<b>7</b>		
<b>420</b>	-	-	-	-	-	-	-	<b>10</b>	<b>10</b>		
<b>450</b>	-	-	-	-	-	-	-	<b>15</b>	<b>15</b>		
<b>480</b>	-	-	-	-	-	-	-	<b>20</b>	<b>20</b>		

Figure 3A-1 (Sheet 1 of 15) CAF Air Diving Table 1 (Meters) - Standard Air Decompression

Depth (msw)	Bottom Time (min)	Stop Times (min) at Different Depths (msw)								Decom. Time (min)	Repet. Group
		24	21	18	15	12	9	6	3		
12	20	-	-	-	-	-	-	-	-	1	A
	30	-	-	-	-	-	-	-	-	1	B
	40	-	-	-	-	-	-	-	-	1	C
	60	-	-	-	-	-	-	-	-	1	D
	70	-	-	-	-	-	-	-	-	1	E
	80	-	-	-	-	-	-	-	-	1	F
	90	-	-	-	-	-	-	-	-	1	G
	120	-	-	-	-	-	-	-	-	1	H
	130	-	-	-	-	-	-	-	-	1	I
	150	-	-	-	-	-	-	-	-	1	J
	160	-	-	-	-	-	-	-	3	3	K
	170	-	-	-	-	-	-	-	4	4	L
	180	-	-	-	-	-	-	-	5	5	M
	200	-	-	-	-	-	-	-	10	10	
	210	-	-	-	-	-	-	-	15	15	
	220	-	-	-	-	-	-	-	19	19	
	240	-	-	-	-	-	-	-	26	26	
	270	-	-	-	-	-	-	-	35	35	
	300	-	-	-	-	-	-	-	44	44	
330	-	-	-	-	-	-	-	53	53		
360	-	-	-	-	-	-	-	62	62		

Figure 3A-1 (Sheet 2 of 15) CAF Air Diving Table 1 (Meters) - Standard Air Decompression

Depth (msw)	Bottom Time (min)	Stop Times (min) at Different Depths (msw)								Decom. Time (min)	Repet. Group
		24	21	18	15	12	9	6	3		
15	10	-	-	-	-	-	-	-	-	1	A
	20	-	-	-	-	-	-	-	-	1	B
	30	-	-	-	-	-	-	-	-	1	C
	40	-	-	-	-	-	-	-	-	1	D
	50	-	-	-	-	-	-	-	-	1	E
	60	-	-	-	-	-	-	-	-	1	F
	75	-	-	-	-	-	-	-	-	1	G
	90	-	-	-	-	-	-	-	3	3	H
	100	-	-	-	-	-	-	-	5	5	I
	110	-	-	-	-	-	-	-	8	8	J
	120	-	-	-	-	-	-	-	10	10	K
	130	-	-	-	-	-	-	-	16	16	L
	140	-	-	-	-	-	-	-	21	21	M
	150	-	-	-	-	-	-	-	26	26	
	160	-	-	-	-	-	-	-	31	31	
	170	-	-	-	-	-	-	-	35	35	
	180	-	-	-	-	-	-	-	40	40	
	200	-	-	-	-	-	-	-	50	50	
	220	-	-	-	-	-	-	-	59	59	
240	-	-	-	-	-	-	-	70	70		
260	-	-	-	-	-	-	-	81	81		
280	-	-	-	-	-	-	-	91	91		

Figure 3A-1 (Sheet 3 of 15) CAF Air Diving Table 1 (Meters) - Standard Air Decompression

Depth (msw)	Bottom Time (min)	Stop Times (min) at Different Depths (msw)								Decom. Time (min)	Repet. Group
		24	21	18	15	12	9	6	3		
18	10	-	-	-	-	-	-	-	-	1	A
	20	-	-	-	-	-	-	-	-	1	B
	25	-	-	-	-	-	-	-	-	1	C
	30	-	-	-	-	-	-	-	-	1	D
	40	-	-	-	-	-	-	-	-	1	E
	50	-	-	-	-	-	-	-	-	1	F
	60	-	-	-	-	-	-	-	5	5	G
	70	-	-	-	-	-	-	-	8	8	H
	80	-	-	-	-	-	-	-	10	10	I
	90	-	-	-	-	-	-	-	16	16	J
	100	-	-	-	-	-	-	-	24	24	K
	110	-	-	-	-	-	-	-	30	30	L
	120	-	-	-	-	-	-	-	36	36	M
	130	-	-	-	-	-	-	2	40	42	
	140	-	-	-	-	-	-	2	46	48	
	150	-	-	-	-	-	-	3	52	55	
	160	-	-	-	-	-	-	3	59	62	
	170	-	-	-	-	-	-	4	65	69	
	180	-	-	-	-	-	-	4	73	77	
	190	-	-	-	-	-	-	5	80	85	
200	-	-	-	-	-	-	7	87	94		
210	-	-	-	-	-	-	13	91	104		
220	-	-	-	-	-	-	17	97	114		
230	-	-	-	-	-	-	21	103	124		
240	-	-	-	-	-	-	24	109	133		

Figure 3A-1 (Sheet 4 of 15) CAF Air Diving Table 1 (Meters) - Standard Air Decompression

Depth (msw)	Bottom Time (min)	Stop Times (min) at Different Depths (msw)								Decom. Time (min)	Repet. Group
		24	21	18	15	12	9	6	3		
21	10	-	-	-	-	-	-	-	-	2	A
	15	-	-	-	-	-	-	-	-	2	B
	20	-	-	-	-	-	-	-	-	2	C
	25	-	-	-	-	-	-	-	-	2	D
	30	-	-	-	-	-	-	-	-	2	D
	35	-	-	-	-	-	-	-	-	2	E
	40	-	-	-	-	-	-	-	5	5	F
	50	-	-	-	-	-	-	-	10	10	G
	60	-	-	-	-	-	-	-	12	12	H
	65	-	-	-	-	-	-	2	12	14	I
	70	-	-	-	-	-	-	3	17	20	J
	80	-	-	-	-	-	-	4	25	29	K
	90	-	-	-	-	-	-	5	32	37	M
	100	-	-	-	-	-	-	6	39	45	N
	110	-	-	-	-	-	-	7	46	53	
	120	-	-	-	-	-	-	7	54	61	
	130	-	-	-	-	-	-	8	62	70	
	140	-	-	-	-	-	-	9	71	80	
	150	-	-	-	-	-	-	15	77	92	
	160	-	-	-	-	-	-	20	85	105	
170	-	-	-	-	-	-	25	93	118		
180	-	-	-	-	-	-	29	101	130		
190	-	-	-	-	-	-	34	109	143		
200	-	-	-	-	-	-	38	117	155		

Figure 3A-1 (Sheet 5 of 15) CAF Air Diving Table 1 (Meters) - Standard Air Decompression



Depth (msw)	Bottom Time (min)	Stop Times (min) at Different Depths (msw)								Decom. Time (min)	Repet. Group
		24	21	18	15	12	9	6	3		
24	10	-	-	-	-	-	-	-	-	2	A
	13	-	-	-	-	-	-	-	-	2	B
	15	-	-	-	-	-	-	-	-	2	C
	20	-	-	-	-	-	-	-	-	2	D
	25	-	-	-	-	-	-	-	-	2	E
	30	-	-	-	-	-	-	-	5	5	F
	35	-	-	-	-	-	-	-	9	9	G
	40	-	-	-	-	-	-	-	11	11	G
	45	-	-	-	-	-	-	3	10	13	H
	50	-	-	-	-	-	-	4	11	15	H
	55	-	-	-	-	-	-	5	15	20	I
	60	-	-	-	-	-	-	6	21	27	J
	65	-	-	-	-	-	-	7	25	32	J
	70	-	-	-	-	-	-	7	30	37	K
	75	-	-	-	-	-	-	8	34	42	L
	80	-	-	-	-	-	-	9	37	46	M
	85	-	-	-	-	-	-	9	42	51	
	90	-	-	-	-	-	-	10	46	56	
	95	-	-	-	-	-	-	11	50	61	
	100	-	-	-	-	-	-	11	55	66	
110	-	-	-	-	-	2	12	64	78		
120	-	-	-	-	-	3	18	72	93		
130	-	-	-	-	-	4	23	82	109		
140	-	-	-	-	-	4	28	93	125		
150	-	-	-	-	-	5	33	104	142		
160	-	-	-	-	-	5	39	114	158		

Figure 3A-1 (Sheet 6 of 15) CAF Air Diving Table 1 (Meters) - Standard Air Decompression

Depth (msw)	Bottom Time (min)	Stop Times (min) at Different Depths (msw)								Decom. Time (min)	Repet. Group
		24	21	18	15	12	9	6	3		
27	5	-	-	-	-	-	-	-	-	2	A
	10	-	-	-	-	-	-	-	-	2	B
	15	-	-	-	-	-	-	-	-	2	C
	20	-	-	-	-	-	-	-	-	2	D
	25	-	-	-	-	-	-	-	7	7	E
	30	-	-	-	-	-	-	2	9	11	F
	35	-	-	-	-	-	-	4	10	14	G
	40	-	-	-	-	-	-	6	10	16	H
	45	-	-	-	-	-	-	7	14	21	I
	50	-	-	-	-	-	-	8	20	28	J
	55	-	-	-	-	-	-	9	26	35	K
	60	-	-	-	-	-	2	8	31	41	L
	65	-	-	-	-	-	3	8	36	47	
	70	-	-	-	-	-	3	9	40	52	
	75	-	-	-	-	-	4	9	46	59	
	80	-	-	-	-	-	4	10	51	65	
	85	-	-	-	-	-	5	10	56	71	
	90	-	-	-	-	-	5	14	60	79	
	95	-	-	-	-	-	6	17	64	87	
	100	-	-	-	-	-	6	20	70	96	
110	-	-	-	-	-	7	26	82	115		
120	-	-	-	-	-	8	31	95	134		

Figure 3A-1 (Sheet 7 of 15) CAF Air Diving Table 1 (Meters) - Standard Air Decompression

Depth (msw)	Bottom Time (min)	Stop Times (min) at Different Depths (msw)								Decom. Time (min)	Repet. Group
		24	21	18	15	12	9	6	3		
30	5	-	-	-	-	-	-	-	-	2	A
	10	-	-	-	-	-	-	-	-	2	B
	12	-	-	-	-	-	-	-	-	2	C
	15	-	-	-	-	-	-	-	-	2	D
	20	-	-	-	-	-	-	-	8	8	E
	25	-	-	-	-	-	-	3	9	12	F
	30	-	-	-	-	-	-	5	10	15	G
	35	-	-	-	-	-	-	7	11	18	H
	40	-	-	-	-	-	-	9	16	25	I
	45	-	-	-	-	-	3	8	23	34	J
	50	-	-	-	-	-	4	8	29	41	K
	55	-	-	-	-	-	5	9	34	48	L
	60	-	-	-	-	-	6	9	40	55	
	65	-	-	-	-	-	6	10	46	62	
	70	-	-	-	-	-	7	10	52	69	
	75	-	-	-	-	-	8	14	56	78	
	80	-	-	-	-	-	8	18	61	87	
	85	-	-	-	-	-	9	21	67	97	
	90	-	-	-	-	2	8	24	75	109	
	95	-	-	-	-	3	8	27	82	120	
100	-	-	-	-	3	8	31	90	132		
105	-	-	-	-	3	9	34	98	144		
110	-	-	-	-	4	8	38	106	156		

Figure 3A-1 (Sheet 8 of 15) CAF Air Diving Table 1 (Meters) - Standard Air Decompression

Depth (msw)	Bottom Time (min)	Stop Times (min) at Different Depths (msw)								Decom. Time (min)	Repet. Group
		24	21	18	15	12	9	6	3		
33	5	-	-	-	-	-	-	-	-	2	A
	10	-	-	-	-	-	-	-	-	2	B
	12	-	-	-	-	-	-	-	-	2	C
	15	-	-	-	-	-	-	-	5	5	D
	20	-	-	-	-	-	-	3	9	12	F
	25	-	-	-	-	-	-	6	10	16	G
	30	-	-	-	-	-	-	9	10	19	H
	35	-	-	-	-	-	3	8	16	27	I
	40	-	-	-	-	-	5	8	24	37	J
	45	-	-	-	-	-	6	9	31	46	K
	50	-	-	-	-	-	7	9	38	54	M
	55	-	-	-	-	-	8	10	44	62	N
	60	-	-	-	-	2	7	10	51	70	
	65	-	-	-	-	3	7	15	55	80	
	70	-	-	-	-	4	7	19	62	92	
	75	-	-	-	-	4	8	23	68	103	
	80	-	-	-	-	5	8	26	77	116	
	85	-	-	-	-	5	9	30	86	130	
	90	-	-	-	-	6	9	34	95	144	
	95	-	-	-	-	6	9	38	105	158	
100	-	-	-	-	7	9	42	114	172		
105	-	-	-	-	7	12	45	123	187		
110	-	-	-	-	8	15	48	130	201		

Figure 3A-1 (Sheet 9 of 15) CAF Air Diving Table 1 (Meters) - Standard Air Decompression

Depth (msw)	Bottom Time (min)	Stop Times (min) at Different Depths (msw)								Decom. Time (min)	Repet. Group
		24	21	18	15	12	9	6	3		
36	5	-	-	-	-	-	-	-	-	2	A
	8	-	-	-	-	-	-	-	-	2	B
	10	-	-	-	-	-	-	-	-	2	C
	15	-	-	-	-	-	-	-	10	10	E
	20	-	-	-	-	-	-	5	10	15	F
	25	-	-	-	-	-	-	9	10	19	G
	30	-	-	-	-	-	4	8	14	26	I
	35	-	-	-	-	-	6	8	24	38	J
	40	-	-	-	-	-	8	8	32	48	K
	45	-	-	-	-	3	6	10	38	57	M
	50	-	-	-	-	4	7	10	46	67	N
	55	-	-	-	-	5	7	13	53	78	
	60	-	-	-	-	6	7	18	59	90	
	65	-	-	-	-	6	8	22	66	102	
	70	-	-	-	-	7	8	27	75	117	
	75	-	-	-	-	8	8	31	86	133	
	80	-	-	-	2	6	9	35	97	149	
	85	-	-	-	3	6	10	40	107	166	
	90	-	-	-	3	7	13	42	118	183	
	95	-	-	-	4	6	16	46	128	200	
100	-	-	-	4	7	19	50	136	216		

Figure 3A-1 (Sheet 10 of 15) CAF Air Diving Table 1 (Meters) - Standard Air Decompression

Depth (msw)	Bottom Time (min)	Stop Times (min) at Different Depths (msw)								Decom. Time (min)	Repet. Group
		24	21	18	15	12	9	6	3		
39	5	-	-	-	-	-	-	-	-	3	A
	8	-	-	-	-	-	-	-	-	3	B
	10	-	-	-	-	-	-	-	5	5	C
	15	-	-	-	-	-	-	4	8	12	E
	20	-	-	-	-	-	-	8	10	18	G
	25	-	-	-	-	-	5	7	11	23	H
	30	-	-	-	-	-	7	8	22	37	J
	35	-	-	-	-	3	6	9	30	48	K
	40	-	-	-	-	4	7	9	39	59	M
	45	-	-	-	-	6	7	10	47	70	N
	50	-	-	-	-	7	7	15	53	82	
	55	-	-	-	2	6	8	20	61	97	
	60	-	-	-	3	6	8	25	70	112	
	65	-	-	-	4	6	8	30	82	130	
	70	-	-	-	4	7	9	34	94	148	
75	-	-	-	5	6	11	39	106	167		
80	-	-	-	5	7	14	42	118	186		
85	-	-	-	6	7	17	47	129	206		
90	-	-	-	6	8	20	52	138	224		
42	5	-	-	-	-	-	-	-	-	3	A
	7	-	-	-	-	-	-	-	-	3	B
	10	-	-	-	-	-	-	-	7	7	D
	15	-	-	-	-	-	-	6	9	15	F
	20	-	-	-	-	-	4	7	10	21	G
	25	-	-	-	-	-	7	8	17	32	I
	30	-	-	-	-	4	6	8	28	46	K
	35	-	-	-	-	5	7	9	37	58	L
	40	-	-	-	-	7	7	10	46	70	N
	45	-	-	-	3	5	8	16	53	85	O
	50	-	-	-	4	6	8	21	62	101	
	55	-	-	-	5	6	8	27	73	119	
	60	-	-	-	6	6	9	32	86	139	
	65	-	-	-	6	7	10	37	99	159	
	70	-	-	-	7	7	14	40	114	182	
75	-	-	3	5	7	18	45	126	204		
80	-	-	3	6	7	21	51	137	225		
85	-	-	4	5	8	25	57	146	245		
90	-	-	4	6	8	28	65	152	263		

Figure 3A-1 (Sheet 11 of 15) CAF Air Diving Table 1 (Meters) - Standard Air Decompression

Depth (msw)	Bottom Time (min)	Stop Times (min) at Different Depths (msw)								Decom. Time (min)	Repet. Group
		24	21	18	15	12	9	6	3		
45	4	-	-	-	-	-	-	-	-	3	A
	7	-	-	-	-	-	-	-	-	3	B
	10	-	-	-	-	-	-	-	9	9	D
	15	-	-	-	-	-	-	8	9	17	F
	20	-	-	-	-	-	6	7	11	24	H
	25	-	-	-	-	4	5	8	23	40	J
	30	-	-	-	-	6	6	9	34	55	K
	35	-	-	-	3	5	7	10	44	69	M
	40	-	-	-	4	6	7	15	52	84	O
	45	-	-	-	5	6	8	21	61	101	
	50	-	-	-	6	7	8	27	73	121	
	55	-	-	3	5	6	9	33	88	144	
	60	-	-	3	5	7	12	38	103	168	
	65	-	-	4	5	8	16	42	119	194	
	70	-	-	5	5	8	20	48	132	218	
75	-	-	5	6	8	24	55	142	240		
80	-	-	6	6	8	28	63	150	261		
48	6	-	-	-	-	-	-	-	-	3	B
	10	-	-	-	-	-	-	-	11	11	D
	15	-	-	-	-	-	4	6	10	20	G
	20	-	-	-	-	-	8	8	14	30	H
	25	-	-	-	-	6	6	8	29	49	K
	30	-	-	-	3	5	7	9	40	64	M
	35	-	-	-	5	5	8	13	49	80	N
	40	-	-	-	6	6	8	20	59	99	
	45	-	-	3	5	6	9	26	72	121	
	50	-	-	4	5	7	9	33	88	146	
	55	-	-	5	5	7	13	38	105	173	
	60	-	-	6	5	8	17	43	122	201	
	65	-	-	7	5	8	22	50	135	227	
70	-	3	4	6	8	26	58	146	251		

Figure 3A-1 (Sheet 12 of 15) CAF Air Diving Table 1 (Meters) - Standard Air Decompression

Depth (msw)	Bottom Time (min)	Stop Times (min) at Different Depths (msw)								Decom. Time (min)	Repet. Group
		24	21	18	15	12	9	6	3		
51	6	-	-	-	-	-	-	-	-	3	B
	10	-	-	-	-	-	-	5	8	13	D
	15	-	-	-	-	-	5	7	10	22	G
	20	-	-	-	-	5	5	8	20	38	I
	25	-	-	-	3	5	6	9	33	56	K
	30	-	-	-	5	5	7	10	46	73	M
	35	-	-	3	4	6	8	18	55	94	O
	40	-	-	4	5	6	8	26	68	117	
	45	-	-	5	5	7	9	32	85	143	
	50	-	-	6	6	7	13	37	105	174	
	55	-	3	4	6	7	18	44	122	204	
	60	-	4	4	6	8	23	51	137	233	
	65	-	5	4	6	9	27	61	148	260	
70	-	5	5	6	12	30	72	155	285		
54	5	-	-	-	-	-	-	-	-	3	B
	10	-	-	-	-	-	-	6	9	15	E
	15	-	-	-	-	-	7	7	11	25	H
	20	-	-	-	-	6	6	8	25	45	J
	25	-	-	-	5	5	7	9	39	65	M
	30	-	-	3	4	6	7	15	50	85	O
	35	-	-	5	4	6	8	23	62	108	
	40	-	-	6	5	7	9	30	80	137	
	45	-	4	4	5	7	13	36	101	170	
	50	-	4	5	5	8	18	42	121	203	
	55	-	5	5	6	8	23	51	137	235	
	60	-	6	5	6	9	28	61	149	264	

Figure 3A-1 (Sheet 13 of 15) CAF Air Diving Table 1 (Meters) - Standard Air Decompression



Depth (msw)	Bottom Time (min)	Stop Times (min) at Different Depths (msw)										Decom. Time (min)	
		30	27	24	21	18	15	12	9	6	3		
57	5	-	-	-	-	-	-	-	-	-	-	-	4
	10	-	-	-	-	-	-	-	-	-	8	9	17
	15	-	-	-	-	-	-	4	5	7	11	11	27
	20	-	-	-	-	-	4	4	6	9	29	29	52
	25	-	-	-	-	-	7	5	7	10	44	44	73
	30	-	-	-	-	5	4	6	8	19	55	55	97
	35	-	-	-	3	4	5	6	9	27	72	72	126
	40	-	-	-	4	4	5	7	11	35	93	93	159
	45	-	-	-	5	5	5	8	17	41	116	116	197
	50	-	-	3	3	5	6	8	22	50	135	135	232
55	-	-	4	3	5	7	9	27	61	149	149	265	
60	5	-	-	-	-	-	-	-	-	-	-	-	4
	10	-	-	-	-	-	-	-	-	10	9	9	19
	15	-	-	-	-	-	-	5	6	8	16	16	35
	20	-	-	-	-	-	5	5	6	10	33	33	59
	25	-	-	-	-	5	4	5	7	14	48	48	83
	30	-	-	-	3	4	4	6	9	23	62	62	111
	35	-	-	-	5	4	5	6	10	32	84	84	146
	40	-	-	-	6	4	6	7	15	38	109	109	185
	45	-	-	4	3	5	6	8	21	47	131	131	225
	50	-	-	5	4	4	7	9	27	58	147	147	261
63	5	-	-	-	-	-	-	-	-	-	5	5	5
	10	-	-	-	-	-	-	-	5	6	10	10	21
	15	-	-	-	-	-	-	7	6	8	20	20	41
	20	-	-	-	-	-	7	5	7	9	39	39	67
	25	-	-	-	-	6	4	6	8	17	52	52	93
	30	-	-	-	5	4	4	7	8	28	71	71	127
	35	-	-	3	3	4	6	7	12	35	97	97	167
	40	-	-	4	4	4	6	8	19	43	123	123	211
	45	-	-	5	4	5	6	9	25	54	142	142	250
	50	-	3	3	4	6	6	13	29	70	154	154	288

Figure 3A-1 (Sheet 14 of 15) CAF Air Diving Table 1 (Meters) - Standard Air Decompression

Depth (msw)	Bottom Time (min)	Stop Times (min) at Different Depths (msw)										Decom. Time (min)
		30	27	24	21	18	15	12	9	6	3	
66	5	-	-	-	-	-	-	-	-	-	7	7
	10	-	-	-	-	-	-	-	7	6	10	23
	15	-	-	-	-	-	4	5	5	9	24	47
	20	-	-	-	-	5	4	5	7	10	43	74
	25	-	-	-	4	4	4	6	8	21	58	105
	30	-	-	3	3	4	5	7	9	32	81	144
	35	-	-	5	3	4	6	7	16	39	110	190
	45	-	3	3	4	4	7	8	23	49	135	236
69	5	-	-	-	-	-	-	-	-	-	8	8
	10	-	-	-	-	-	-	-	8	7	10	25
	15	-	-	-	-	-	6	4	6	9	28	53
	20	-	-	-	-	6	4	6	7	12	47	82
	25	-	-	-	6	3	5	6	9	24	65	118
	30	-	-	5	3	4	5	7	12	35	93	164
	35	-	3	3	4	4	6	8	19	44	123	214
	40	-	5	3	4	5	6	9	27	57	146	262
72	5	-	-	-	-	-	-	-	-	-	9	9
	10	-	-	-	-	-	-	4	5	7	11	27
	15	-	-	-	-	-	7	5	6	9	32	59
	20	-	-	-	4	4	4	5	8	16	50	91
	25	-	-	4	3	4	5	6	9	28	73	132
	30	-	-	6	3	5	5	8	15	37	106	185
	35	-	5	3	4	4	6	9	23	49	135	238
	40	3	3	3	4	6	6	13	28	67	153	286

Figure 3A-1 (Sheet 15 of 15) CAF Air Diving Table 1 (Meters) - Standard Air Decompression

<b>CANADIAN ARMED FORCES AIR DIVING TABLE 1S (METRES)</b>								
<b>SHORT STANDARD AIR DECOMPRESSION TABLE</b>								
Depth (msw)	NO-DECOMPRESSION Bottom Time (min) / RG				DECOMPRESSION REQUIRED Bottom Time (min) / RG			
<b>6</b>	30 A	150 E	360 I	720 M ∞				
	60 B	180 F	420 J					
	90 C	240 G	480 K					
	120 D	300 H	600 L					
<b>9</b>	30 A	100 E	190 I	300 M	330 N	400	420	480
	45 B	120 F	210 J		360 O			
	60 C	150 G	240 K					
	90 D	180 H	270 L					
<b>12</b>	22 A	60 D	90 G	150 J	160 K	200	210	220
	30 B	70 E	120 H		170 L			
	40 C	80 F	130 I		180 M			
<b>15</b>	18 A	30 C	50 E	75 G	90 H	110 J	128 L	137 M
	25 B	40 D	60 F		100 I	120 K		
<b>18</b>	14 A	25 C	40 E	50 F	60 G	70 H	88 J	95 K
	20 B	30 D			80 I			
<b>Decompression Time (min) at 3 msw</b>					<b>5</b>	<b>10</b>	<b>15</b>	<b>20</b>
Depth (msw)	NO-DECOMPRESSION Bottom Time (min) / RG				DECOMPRESSION REQUIRED Bottom Time (min) / RG			
<b>21</b>	12 A	20 C	25 D	35 E	40 F	53 H	65 I	68 J
	15 B							
<b>24</b>	10 A	15 C	20 D	25 E	30 F	37 G	50 H	54 I
	13 B							
<b>27</b>	9 A	12 B	15 C	20 D	24 E	28 F	35 G	44 I
<b>30</b>	7 A	10 B	12 C	15 D	18 D	22 F	30 G	37 H
<b>33</b>		6 A	10 B	12 C	15 D	18 E	24 G	31 H
<b>36</b>		6 A	8 B	10 C	12 D	15 E	19 F	25 G
<b>39</b>			5 A	8 B	10 C	13 D	17 F	21 G
<b>42</b>			5 A	7 B	9 C	12 D	14 F	18 G
<b>45</b>			4 A	7 B	8 C	10 D	13 E	16 G
<b>Decompression Time (min) at</b>					<b>6 msw</b>	<b>5</b>	<b>10</b>	<b>10</b>
					<b>3 msw</b>	<b>5</b>	<b>10</b>	<b>10</b>

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Figure 3A-2 CAF Air Diving Table 1S (Meters) – Short Standard Air Decompression Table

**CANADIAN ARMED FORCES AIR DIVING TABLE 4 (METRES)  
REPETITIVE DIVING TABLE**

<b>A. REPETITIVE FACTORS / SURFACE INTERVALS TABLE</b>											
<b>RG</b>	<b>Repetitive Factors (RF) for Surface Intervals (SI) (hr : min)</b>										
	<b>0:15</b>	<b>0:30</b>	<b>1:00</b>	<b>1:30</b>	<b>2:00</b>	<b>3:00</b>	<b>4:00</b>	<b>6:00</b>	<b>9:00</b>	<b>12:00</b>	<b>15:00</b>
	<b>→ 0:29</b>	<b>→ 0:59</b>	<b>→ 1:29</b>	<b>→ 1:59</b>	<b>→ 2:59</b>	<b>→ 3:59</b>	<b>→ 5:59</b>	<b>→ 8:59</b>	<b>→ 11:59</b>	<b>→ 14:59</b>	<b>→ 18:00</b>
<b>A</b>	1.4	1.2	1.1	1.1	1.1	1.1	1.1	1.1	1.0	1.0	1.0
<b>B</b>	1.5	1.3	1.2	1.2	1.2	1.1	1.1	1.1	1.1	1.0	1.0
<b>C</b>	1.6	1.4	1.3	1.2	1.2	1.2	1.1	1.1	1.1	1.0	1.0
<b>D</b>	1.8	1.5	1.4	1.3	1.3	1.2	1.2	1.1	1.1	1.0	1.0
<b>E</b>	1.9	1.6	1.5	1.4	1.3	1.3	1.2	1.2	1.1	1.1	1.0
<b>F</b>	2.0	1.7	1.6	1.5	1.4	1.3	1.3	1.2	1.1	1.1	1.0
<b>G</b>	-	1.9	1.7	1.6	1.5	1.4	1.3	1.2	1.1	1.1	1.0
<b>H</b>	-	-	1.9	1.7	1.6	1.5	1.4	1.3	1.1	1.1	1.1
<b>I</b>	-	-	2.0	1.8	1.7	1.5	1.4	1.3	1.1	1.1	1.1
<b>J</b>	-	-	-	1.9	1.8	1.6	1.5	1.3	1.2	1.1	1.1
<b>K</b>	-	-	-	2.0	1.9	1.7	1.5	1.3	1.2	1.1	1.1
<b>L</b>	-	-	-	-	2.0	1.7	1.6	1.4	1.2	1.1	1.1
<b>M</b>	-	-	-	-	-	1.8	1.6	1.4	1.2	1.1	1.1
<b>N</b>	-	-	-	-	-	1.9	1.7	1.4	1.2	1.1	1.1
<b>O</b>	-	-	-	-	-	2.0	1.7	1.4	1.2	1.1	1.1

<b>B. NO-DECOMPRESSION REPETITIVE DIVING TABLE</b>										
<b>Depth (msw)</b>	<b>Allowable No-D Limits (min) for Repetitive Factors (RF)</b>									
	<b>1.1</b>	<b>1.2</b>	<b>1.3</b>	<b>1.4</b>	<b>1.5</b>	<b>1.6</b>	<b>1.7</b>	<b>1.8</b>	<b>1.9</b>	<b>2.0</b>
<b>9</b>	272	250	230	214	200	187	176	166	157	150
<b>12</b>	136	125	115	107	100	93	88	83	78	75
<b>15</b>	60	55	50	45	41	38	36	34	32	31
<b>18</b>	40	35	31	29	27	26	24	23	22	21
<b>21</b>	30	25	21	19	18	17	16	15	14	13
<b>24</b>	20	18	16	15	14	13	12	12	11	11
<b>27</b>	16	14	12	11	11	10	9	9	8	8
<b>30</b>	13	11	10	9	9	8	8	7	7	7
<b>33</b>	10	9	8	8	7	7	6	6	6	6
<b>36</b>	8	7	7	6	6	6	5	5	5	5
<b>39</b>	7	6	6	5	5	5	4	4	4	4
<b>42</b>	6	5	5	5	4	4	4	3	3	3
<b>45</b>	5	5	4	4	4	3	3	3	3	3

Figure 3A-3 CAF Air Diving Table 4 (Meters) – Repetitive Diving Table

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<b>CANADIAN ARMED FORCES AIR DIVING TABLE 5 (METRES)</b>									
<b>DEPTH CORRECTIONS FOR DIVING AT ALTITUDE TABLE</b>									
<b>Depth (metres)</b>	<b>Depth Correction at Altitude (METRES)</b>								
	<b>100 -- 299</b>	<b>300 -- 599</b>	<b>600 -- 899</b>	<b>900 -- 1199</b>	<b>1200 -- 1499</b>	<b>1500 -- 1799</b>	<b>1800 -- 2099</b>	<b>2100 -- 2399</b>	<b>2400 -- 3000</b>
<b>9</b>	<b>+0</b>	<b>+3</b>	<b>+3</b>	<b>+3</b>	<b>+3</b>	<b>+3</b>	<b>+3</b>	<b>+6</b>	<b>+6</b>
<b>12</b>	<b>+0</b>	<b>+3</b>	<b>+3</b>	<b>+3</b>	<b>+3</b>	<b>+3</b>	<b>+6</b>	<b>+6</b>	<b>+6</b>
<b>15</b>	<b>+0</b>	<b>+3</b>	<b>+3</b>	<b>+3</b>	<b>+3</b>	<b>+6</b>	<b>+6</b>	<b>+6</b>	<b>+6</b>
<b>18</b>	<b>+0</b>	<b>+3</b>	<b>+3</b>	<b>+3</b>	<b>+6</b>	<b>+6</b>	<b>+6</b>	<b>+6</b>	<b>+9</b>
<b>21</b>	<b>+0</b>	<b>+3</b>	<b>+3</b>	<b>+3</b>	<b>+6</b>	<b>+6</b>	<b>+6</b>	<b>+9</b>	<b>+9</b>
<b>24</b>	<b>+0</b>	<b>+3</b>	<b>+3</b>	<b>+6</b>	<b>+6</b>	<b>+6</b>	<b>+9</b>	<b>+9</b>	<b>+12</b>
<b>27</b>	<b>+0</b>	<b>+3</b>	<b>+3</b>	<b>+6</b>	<b>+6</b>	<b>+6</b>	<b>+9</b>	<b>+9</b>	<b>+12</b>
<b>30</b>	<b>+0</b>	<b>+3</b>	<b>+3</b>	<b>+6</b>	<b>+6</b>	<b>+9</b>	<b>+9</b>	<b>+9</b>	<b>+12</b>
<b>33</b>	<b>+0</b>	<b>+3</b>	<b>+6</b>	<b>+6</b>	<b>+6</b>	<b>+9</b>	<b>+9</b>	<b>+12</b>	<b>+15</b>
<b>36</b>	<b>+0</b>	<b>+3</b>	<b>+6</b>	<b>+6</b>	<b>+6</b>	<b>+9</b>	<b>+9</b>	<b>+12</b>	<b>+15</b>
<b>39</b>	<b>+0</b>	<b>+3</b>	<b>+6</b>	<b>+6</b>	<b>+9</b>	<b>+9</b>	<b>+12</b>	<b>+12</b>	<b>+15</b>
<b>42</b>	<b>+0</b>	<b>+3</b>	<b>+6</b>	<b>+6</b>	<b>+9</b>	<b>+9</b>	<b>+12</b>	<b>+12</b>	<b>+18</b>
<b>45</b>	<b>+3</b>	<b>+3</b>	<b>+6</b>	<b>+6</b>	<b>+9</b>	<b>+9</b>	<b>+12</b>	<b>+15</b>	<b>+18</b>
<b>48</b>	<b>+3</b>	<b>+6</b>	<b>+6</b>	<b>+9</b>	<b>+9</b>	<b>+12</b>	<b>+12</b>	<b>+15</b>	<b>+18</b>
<b>51</b>	<b>+3</b>	<b>+6</b>	<b>+6</b>	<b>+9</b>	<b>+9</b>	<b>+12</b>	<b>+15</b>	<b>+15</b>	<b>+21</b>
<b>54</b>	<b>+3</b>	<b>+6</b>	<b>+6</b>	<b>+9</b>	<b>+9</b>	<b>+12</b>	<b>+15</b>	<b>+15</b>	
<b>57</b>	<b>+3</b>	<b>+6</b>	<b>+6</b>	<b>+9</b>	<b>+12</b>	<b>+12</b>	<b>+15</b>		
<b>60</b>	<b>+3</b>	<b>+6</b>	<b>+6</b>	<b>+9</b>	<b>+12</b>	<b>+12</b>			
<b>63</b>	<b>+3</b>	<b>+6</b>	<b>+6</b>	<b>+9</b>					
<b>66</b>	<b>+3</b>	<b>+6</b>							
<b>69</b>	<b>+3</b>								

<b>Sea Level Stop Depth (metres)</b>	<b>Actual Decompression Stop Depth at Altitude (METRES)</b>								
	<b>100 -- 299</b>	<b>300 -- 599</b>	<b>600 -- 899</b>	<b>900 -- 1199</b>	<b>1200 -- 1499</b>	<b>1500 -- 1799</b>	<b>1800 -- 2099</b>	<b>2100 -- 2399</b>	<b>2400 -- 3000</b>
<b>3</b>	<b>3.0</b>	<b>3.0</b>	<b>3.0</b>	<b>3.0</b>	<b>3.0</b>	<b>2.5</b>	<b>2.5</b>	<b>2.5</b>	<b>2.5</b>
<b>6</b>	<b>6.0</b>	<b>6.0</b>	<b>6.0</b>	<b>5.5</b>	<b>5.5</b>	<b>5.0</b>	<b>5.0</b>	<b>5.0</b>	<b>4.5</b>
<b>9</b>	<b>9.0</b>	<b>9.0</b>	<b>8.5</b>	<b>8.5</b>	<b>8.0</b>	<b>7.5</b>	<b>7.5</b>	<b>7.0</b>	<b>7.0</b>
<b>12</b>	<b>12.0</b>	<b>12.0</b>	<b>11.5</b>	<b>11.0</b>	<b>10.5</b>	<b>10.0</b>	<b>10.0</b>	<b>9.5</b>	<b>9.0</b>
<b>15</b>	<b>15.0</b>	<b>14.5</b>	<b>14.0</b>	<b>13.5</b>	<b>13.0</b>	<b>12.5</b>	<b>12.0</b>	<b>12.0</b>	<b>11.5</b>
<b>18</b>	<b>18.0</b>	<b>17.5</b>	<b>17.0</b>	<b>16.5</b>	<b>16.0</b>	<b>15.0</b>	<b>14.5</b>	<b>14.0</b>	<b>13.5</b>
<b>21</b>	<b>21.0</b>	<b>20.5</b>	<b>20.0</b>	<b>19.0</b>	<b>18.5</b>	<b>17.5</b>	<b>17.0</b>	<b>16.5</b>	<b>16.0</b>
<b>24</b>	<b>24.0</b>	<b>23.5</b>	<b>22.5</b>	<b>21.5</b>	<b>21.0</b>	<b>20.0</b>	<b>19.5</b>	<b>19.0</b>	<b>18.0</b>
<b>27</b>	<b>27.0</b>	<b>26.0</b>	<b>25.5</b>	<b>24.5</b>	<b>23.5</b>	<b>22.5</b>	<b>22.0</b>	<b>21.0</b>	<b>20.0</b>

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Figure 3A-4 CAF Air Diving Table 5 (Meters) – Depth Corrections for Diving at Altitude Table