

Closed-Circuit Mixed-Gas UBA Decompression Table Using 0.75 ata Constant Partial Pressure Oxygen in Helium

Table 15-17. Closed-Circuit Mixed-Gas UBA Decompression Table Using 0.75 ata Constant Partial Pressure Oxygen in Helium.

(DESCENT RATE 60 FPM—ASCENT RATE 30 FPM)

Bottom Time (min)	Time to First Stop (M:S)	DECOMPRESSION STOPS (fsw)																		Total Ascent Time (M:S)	
		Stop times (min) include travel time, except first stop																			
		190	180	170	160	150	140	130	120	110	100	90	80	70	60	50	40	30	20	10	
40 FSW																					
390	1:20																			0	1:20
50 FSW																					
205	1:40																			0	1:40
210	1:20																			3	4:40
220	1:20																			9	10:40
230	1:20																			14	15:40
240	1:20																			20	21:40
250	1:20																			24	25:40
Exceptional Exposure -----																					
260	1:20																			29	30:40
270	1:20																			33	34:40
280	1:20																			37	38:40
290	1:20																			41	42:40
300	1:20																			45	46:40
310	1:20																			48	49:40
320	1:20																			52	53:40
330	1:20																			55	56:40
340	1:20																			58	59:40
350	1:20																			60	61:40
360	1:20																			63	64:40
370	1:20																			65	66:40
380	1:20																			68	69:40
390	1:20																			70	71:40
60 FSW																					
133	2:00																			0	2:00
140	1:40																			8	10:00
150	1:40																			20	22:00
160	1:40																			30	32:00
170	1:40																			40	42:00
Exceptional Exposure -----																					
180	1:40																			50	52:00
190	1:40																			59	61:00
200	1:40																			67	69:00
210	1:40																			75	77:00
220	1:40																			82	84:00
230	1:40																			90	92:00
240	1:40																			96	98:00
250	1:40																			103	105:00
260	1:40																			109	111:00
270	1:20																		1	113	115:40

Closed-Circuit Mixed-Gas UBA Decompression Table Using 0.75 ata Constant Partial Pressure Oxygen in Helium

Table 15-17. Closed-Circuit Mixed-Gas UBA Decompression Table Using 0.75 ata Constant Partial Pressure Oxygen in Helium (Continued).
(DESCENT RATE 60 FPM—ASCENT RATE 30 FPM)

Bottom Time (min)	Time to First Stop (M:S)	DECOMPRESSION STOPS (fsw)																		Total Ascent Time (M:S)	
		Stop times (min) include travel time, except first stop																			
		190	180	170	160	150	140	130	120	110	100	90	80	70	60	50	40	30	20	10	
60 FSW Continued																					
280	1:20																		7	113	121:40
290	1:20																		12	113	126:40
300	1:20																		16	114	131:40
310	1:20																		21	113	135:40
320	1:20																		25	113	139:40
330	1:20																		29	113	143:40
340	1:20																		33	113	147:40
350	1:20																		36	113	150:40
360	1:20																		40	113	154:40
370	1:20																		43	113	157:40
380	1:20																		46	113	160:40
390	1:20																		49	113	163:40
70 FSW																					
82	2:20																		0	2:20	
85	2:00																		2	4:20	
90	2:00																		6	8:20	
95	2:00																		9	11:20	
100	2:00																		12	14:20	
110	2:00																		19	21:20	
120	2:00																		35	37:20	
130	2:00																		51	53:20	
140	2:00																		65	67:20	
Exceptional Exposure -----																					
150	2:00																		79	81:20	
160	2:00																		92	94:20	
170	2:00																		104	106:20	
180	1:40																		7	109	118:00
190	1:40																		14	113	129:00
200	1:40																		24	113	139:00
210	1:40																		34	113	149:00
220	1:40																		43	113	158:00
230	1:40																		52	113	167:00
240	1:40																		60	113	175:00
250	1:40																		68	113	183:00
260	1:40																		75	113	190:00
270	1:40																		82	113	197:00

Closed-Circuit Mixed-Gas UBA Decompression Table Using 0.75 ata Constant Partial Pressure Oxygen in Helium

Table 15-17. Closed-Circuit Mixed-Gas UBA Decompression Table Using 0.75 ata Constant Partial Pressure Oxygen in Helium (Continued).
(DESCENT RATE 60 FPM—ASCENT RATE 30 FPM)

Bottom Time (min)	Time to First Stop (M:S)	DECOMPRESSION STOPS (fsw)																		Total Ascent Time (M:S)		
		Stop times (min) include travel time, except first stop																				
		190	180	170	160	150	140	130	120	110	100	90	80	70	60	50	40	30	20	10		
80 FSW																						
52	2:40																			0	2:40	
55	2:20																			2	4:40	
60	2:20																			5	7:40	
65	2:20																			8	10:40	
70	2:20																			14	16:40	
75	2:20																			19	21:40	
80	2:20																			24	26:40	
85	2:20																			29	31:40	
90	2:20																			33	35:40	
95	2:20																			36	38:40	
100	2:00																		3	44	49:20	
110	2:00																		9	58	69:20	
120	2:00																		14	73	89:20	
Exceptional Exposure -----																						
130	2:00																		18	87	107:20	
140	2:00																		22	100	124:20	
150	2:00																		33	105	140:20	
160	2:00																		43	111	156:20	
170	2:00																		55	113	170:20	
180	2:00																		69	113	184:20	
190	2:00																		82	113	197:20	
90 FSW																						
37	3:00																			0	3:00	
40	2:40																			4	7:00	
45	2:40																			10	13:00	
50	2:40																			15	18:00	
55	2:40																			19	22:00	
60	2:20																		1	23	26:40	
65	2:20																		4	27	33:40	
70	2:20																		6	32	40:40	
75	2:20																		8	36	46:40	
80	2:20																		12	38	52:40	
85	2:20																		17	38	57:40	
90	2:20																		22	44	68:40	
95	2:20																		26	53	81:40	
100	2:20																		30	61	93:40	
110	2:20																		38	77	117:40	
120	2:00																		6	38	94	140:20
Exceptional Exposure -----																						
130	2:00																		11	46	102	161:20
140	2:00																		15	55	109	181:20
150	2:00																		19	66	113	200:20
160	2:00																		22	81	113	218:20

Closed-Circuit Mixed-Gas UBA Decompression Table Using 0.75 ata Constant Partial Pressure Oxygen in Helium

Table 15-17. Closed-Circuit Mixed-Gas UBA Decompression Table Using 0.75 ata Constant Partial Pressure Oxygen in Helium (Continued).
(DESCENT RATE 60 FPM—ASCENT RATE 30 FPM)

Bottom Time (min)	Time to First Stop (M:S)	DECOMPRESSION STOPS (fsw)																			Total Ascent Time (M:S)		
		Stop times (min) include travel time, except first stop																					
		190	180	170	160	150	140	130	120	110	100	90	80	70	60	50	40	30	20	10			
100 FSW																							
29	3:20																			0	3:20		
30	3:00																			1	4:20		
35	3:00																			11	14:20		
40	3:00																			19	22:20		
50	2:40																		9	22	34:00		
60	2:40																		18	27	48:00		
70	2:20																	2	22	38	64:40		
80	2:20																	7	31	41	81:40		
90	2:20																	11	38	59	110:40		
100	2:20																	21	38	78	139:40		
Exceptional Exposure -----																							
110	2:20																	29	39	96	166:40		
120	2:20																	36	50	103	191:40		
130	2:00																4	38	61	111	216:20		
140	2:00																9	38	76	113	238:20		
110 FSW																							
23	3:40																			0	3:40		
25	3:20																			2	5:40		
30	3:20																			14	17:40		
35	3:00																		3	22	28:20		
40	3:00																		11	22	36:20		
50	2:40																	3	22	22	50:00		
60	2:40																	13	22	33	71:00		
70	2:40																	20	28	37	88:00		
80	2:20																	3	23	37	55	120:40	
90	2:20																	7	31	38	76	154:40	
100	2:20																	11	38	39	96	186:40	
Exceptional Exposure -----																							
110	2:20																	20	38	52	103	215:40	
120	2:20																	28	38	64	111	243:40	
130	2:20																	34	40	80	113	269:40	
140	2:00																	2	38	51	89	113	295:20

Closed-Circuit Mixed-Gas UBA Decompression Table Using 0.75 ata Constant Partial Pressure Oxygen in Helium

Table 15-17. Closed-Circuit Mixed-Gas UBA Decompression Table Using 0.75 ata Constant Partial Pressure Oxygen in Helium (Continued).
(DESCENT RATE 60 FPM—ASCENT RATE 30 FPM)

Bottom Time (min)	Time to First Stop (M:S)	DECOMPRESSION STOPS (fsw)																		Total Ascent Time (M:S)	
		Stop times (min) include travel time, except first stop																			
		190	180	170	160	150	140	130	120	110	100	90	80	70	60	50	40	30	20	10	
120 FSW																					
18	4:00																			0	4:00
20	3:40																			2	6:00
25	3:40																			13	17:00
30	3:20																		5	22	30:40
35	3:20																		16	22	41:40
40	3:00																	4	22	22	51:20
50	3:00																	19	23	24	69:20
60	2:40																9	22	22	37	93:00
70	2:40																16	22	34	52	127:00
80	2:40																22	29	38	72	164:00
Exceptional Exposure -----																					
90	2:20															4	24	37	38	95	200:40
100	2:20															7	32	38	50	104	233:40
110	2:20															12	37	38	65	112	266:40
120	2:20															20	38	41	83	113	297:40
130 FSW																					
15	4:20																			0	4:20
20	4:00																			8	12:20
25	3:40																		6	18	28:00
30	3:20																	2	16	22	43:40
35	3:20																	8	22	22	55:40
40	3:20																	19	22	22	66:40
50	3:00																14	22	22	28	89:20
60	2:40															4	22	22	26	48	125:00
70	2:40															12	22	24	38	70	169:00
Exceptional Exposure -----																					
80	2:40															18	22	36	38	93	210:00
90	2:20														1	22	32	37	46	107	247:40
100	2:20														4	26	38	37	64	113	284:40
110	2:20														6	35	38	40	84	113	318:40
120	2:20														12	38	38	55	93	113	351:40

Closed-Circuit Mixed-Gas UBA Decompression Table Using 0.75 ata Constant Partial Pressure Oxygen in Helium

Table 15-17. Closed-Circuit Mixed-Gas UBA Decompression Table Using 0.75 ata Constant Partial Pressure Oxygen in Helium (Continued).
(DESCENT RATE 60 FPM—ASCENT RATE 30 FPM)

Bottom Time (min)	Time to First Stop (M:S)	DECOMPRESSION STOPS (fsw)																		Total Ascent Time (M:S)		
		Stop times (min) include travel time, except first stop																				
		190	180	170	160	150	140	130	120	110	100	90	80	70	60	50	40	30	20	10		
140 FSW																						
12	4:40																			0	4:40	
15	4:20																			4	8:40	
20	4:00																		5	12	21:20	
25	3:40																	4	10	22	40:00	
30	3:40																	10	20	22	56:00	
35	3:20																4	18	22	22	69:40	
40	3:20																12	22	22	22	81:40	
50	3:00															8	22	22	22	35	112:20	
60	3:00															21	22	22	31	66	165:20	
70	2:40															9	22	22	29	38	93	216:00
Exceptional Exposure -----																						
80	2:40														15	22	27	38	40	113	258:00	
90	2:40														20	23	38	38	63	113	298:00	
100	2:20													1	22	35	38	37	88	113	336:40	
150 FSW																						
10	5:00																			0	5:00	
15	4:20																		2	7	13:40	
20	4:00																	2	10	15	31:20	
25	3:40																2	9	15	22	52:00	
30	3:40																7	14	22	22	69:00	
35	3:20															3	11	22	22	22	83:40	
40	3:20															6	21	22	22	22	96:40	
45	3:20															15	22	22	22	33	117:40	
50	3:00															2	23	22	22	22	56	150:20
55	3:00															10	22	22	22	27	74	180:20
60	3:00															16	22	23	22	35	88	209:20
Exceptional Exposure -----																						
70	2:40													5	22	22	22	35	40	113	262:00	
80	2:40													12	22	22	34	38	65	113	309:00	
90	2:40													17	22	31	38	38	90	113	352:00	

Closed-Circuit Mixed-Gas UBA Decompression Table Using 0.75 ata Constant Partial Pressure Oxygen in Helium

Table 15-17. Closed-Circuit Mixed-Gas UBA Decompression Table Using 0.75 ata Constant Partial Pressure Oxygen in Helium (Continued).
(DESCENT RATE 60 FPM—ASCENT RATE 30 FPM)

Bottom Time (min)	Time to First Stop (M:S)	DECOMPRESSION STOPS (fsw)																		Total Ascent Time (M:S)		
		Stop times (min) include travel time, except first stop																				
		190	180	170	160	150	140	130	120	110	100	90	80	70	60	50	40	30	20	10		
155 FSW																						
9	5:10																			0	5:10	
10	4:50																			1	6:10	
15	4:30																		3	9	16:50	
20	4:10																	5	10	17	36:30	
25	3:50																5	9	17	22	57:10	
30	3:30															2	9	17	22	22	75:50	
35	3:30																6	15	22	22	90:50	
40	3:30																12	22	22	22	103:50	
45	3:10																3	20	22	22	136:30	
50	3:10														10	23	22	22	22	68	170:30	
55	3:10															18	22	22	22	30	84	201:30
60	2:50														3	22	22	22	22	38	100	232:10
Exceptional Exposure -----																						
70	2:50													14	22	22	22	38	52	113	286:10	
80	2:50													21	22	22	38	37	77	113	333:10	
90	2:30												5	22	22	35	38	37	103	113	377:50	
160 FSW																						
9	5:20																			0	5:20	
10	5:00																			2	7:20	
15	4:20																	1	4	10	19:40	
20	4:00															1	8	9	19	19	41:20	
25	4:00																8	10	19	22	63:20	
30	3:40														5	10	19	22	22	22	82:00	
35	3:20															1	9	18	22	22	97:40	
40	3:20															4	15	22	22	23	27	116:40
45	3:20															9	22	22	22	22	55	155:40
50	3:20															18	22	23	22	22	79	189:40
Exceptional Exposure -----																						
55	3:00													5	22	22	22	22	31	97	224:20	
60	3:00													12	22	22	22	24	38	113	256:20	
70	2:40												1	22	22	22	25	38	64	113	310:00	
80	2:40												8	22	23	25	37	38	91	113	360:00	
90	2:40												14	22	24	37	38	43	111	113	405:00	

Closed-Circuit Mixed-Gas UBA Decompression Table Using 0.75 ata Constant Partial Pressure Oxygen in Helium

Table 15-17. Closed-Circuit Mixed-Gas UBA Decompression Table Using 0.75 ata Constant Partial Pressure Oxygen in Helium (Continued).
(DESCENT RATE 60 FPM—ASCENT RATE 30 FPM)

Bottom Time (min)	Time to First Stop (M:S)	DECOMPRESSION STOPS (fsw)																			Total Ascent Time (M:S)
		Stop times (min) include travel time, except first stop																			
		190	180	170	160	150	140	130	120	110	100	90	80	70	60	50	40	30	20	10	
165 FSW																					
8	5:30																			0	5:30
10	5:10																			3	8:30
15	4:30																	2	6	9	21:50
20	4:10																2	10	9	21	46:30
25	3:50															2	10	9	22	22	69:10
30	3:50															9	9	22	22	22	88:10
35	3:30															5	9	21	22	22	104:50
40	3:30															8	19	22	22	22	135:50
45	3:10													1	16	22	22	22	22	66	174:30
50	3:10													5	22	22	22	22	24	92	212:30
Exceptional Exposure -----																					
55	3:10													13	22	22	22	22	34	108	246:30
60	3:10													20	22	22	22	27	48	113	277:30
70	2:50												10	22	22	22	28	38	79	113	337:10
80	2:50												18	22	22	28	38	38	105	113	387:10
170 FSW																					
8	5:40																			0	5:40
10	5:00																		1	3	9:20
15	4:40																	4	7	9	25:00
20	4:20															5	10	10	22		51:40
25	4:00															6	9	11	22	22	74:20
30	3:40														3	10	12	22	22	22	95:00
35	3:40														8	12	22	22	22	22	112:00
40	3:20													3	9	22	22	22	22	50	153:40
45	3:20													5	19	22	23	22	22	78	194:40
50	3:20													13	22	22	22	22	26	104	234:40
Exceptional Exposure -----																					
55	3:20													21	23	22	22	22	42	113	268:40
60	3:00												7	22	22	22	22	29	62	113	302:20
70	3:00												19	22	22	22	31	38	92	113	362:20
80	2:40											5	22	22	22	32	38	43	113	113	413:00

Closed-Circuit Mixed-Gas UBA Decompression Table Using 0.75 ata Constant Partial Pressure Oxygen in Helium

Table 15-17. Closed-Circuit Mixed-Gas UBA Decompression Table Using 0.75 ata Constant Partial Pressure Oxygen in Helium (Continued).
(DESCENT RATE 60 FPM—ASCENT RATE 30 FPM)

Bottom Time (min)	Time to First Stop (M:S)	DECOMPRESSION STOPS (fsw)																		Total Ascent Time (M:S)	
		Stop times (min) include travel time, except first stop																			
		190	180	170	160	150	140	130	120	110	100	90	80	70	60	50	40	30	20	10	
175 FSW																					
7	5:50																			0	5:50
10	5:10																		2	4	11:30
15	4:30																1	4	8	10	27:50
20	4:10															1	7	10	12	22	56:30
25	4:10															9	9	14	22	22	80:30
30	3:50														7	9	15	22	22	22	101:10
35	3:30													3	9	15	22	22	22	31	127:50
40	3:30													7	13	22	22	22	22	62	173:50
Exceptional Exposure -----																					
45	3:30													10	22	22	22	22	22	91	214:50
50	3:10												2	19	22	22	22	22	30	113	255:30
55	3:10												8	22	22	22	22	22	58	113	292:30
60	3:10												16	22	22	22	22	31	76	113	327:30
65	3:10												22	22	22	22	25	38	90	113	357:30
70	2:50											6	22	22	22	22	34	38	106	113	388:10
75	2:50											10	22	22	23	27	37	45	113	113	415:10
80	2:50											14	22	22	22	36	38	58	113	113	441:10
180 FSW																					
7	6:00																			0	6:00
10	5:20																		3	4	12:40
15	4:40																3	4	9	11	32:00
20	4:20															3	8	10	14	22	61:40
25	4:00														3	9	10	16	22	22	86:20
30	3:40													1	10	9	17	22	22	23	108:00
35	3:40													7	9	17	22	23	22	41	145:00
40	3:20												1	10	16	22	22	22	22	73	191:40
Exceptional Exposure -----																					
45	3:20												4	14	22	22	22	22	22	105	236:40
50	3:20												7	22	22	22	22	22	44	113	277:40
55	3:20												16	22	22	22	22	24	70	113	314:40
60	3:00											3	22	22	22	22	22	33	90	113	352:20
65	3:00											9	22	22	22	22	28	38	105	113	384:20
70	3:00											15	22	22	22	22	37	45	113	113	414:20

Closed-Circuit Mixed-Gas UBA Decompression Table Using 0.75 ata Constant Partial Pressure Oxygen in Helium

Table 15-17. Closed-Circuit Mixed-Gas UBA Decompression Table Using 0.75 ata Constant Partial Pressure Oxygen in Helium (Continued).
(DESCENT RATE 60 FPM—ASCENT RATE 30 FPM)

Bottom Time (min)	Time to First Stop (M:S)	DECOMPRESSION STOPS (fsw)																		Total Ascent Time (M:S)	
		Stop times (min) include travel time, except first stop																			
		190	180	170	160	150	140	130	120	110	100	90	80	70	60	50	40	30	20	10	
185 FSW																					
6	6:10																			0	6:10
10	5:30																		4	4	13:50
15	4:50																4	5	10	12	36:10
20	4:10														1	4	10	9	16	22	66:30
25	4:10														6	10	9	19	22	22	92:30
30	3:50													5	9	10	20	22	22	22	114:10
35	3:30												1	10	9	21	22	22	22	52	162:50
40	3:30												5	10	19	22	22	22	22	86	211:50
Exceptional Exposure -----																					
45	3:30												8	18	22	22	22	22	28	113	258:50
50	3:10											1	14	22	22	22	22	22	58	113	299:30
55	3:10											3	22	22	22	22	22	26	84	113	339:30
60	3:10											11	22	22	22	22	22	36	103	113	376:30
65	3:10											18	22	22	22	22	30	44	113	113	409:30
70	2:50										2	22	22	22	22	24	38	60	113	113	441:10
190 FSW																					
6	6:20																			0	6:20
10	5:20																	1	4	5	15:40
15	4:40															2	4	6	9	15	41:00
20	4:20														2	6	10	9	18	22	71:40
25	4:00													1	9	9	10	20	23	22	98:20
30	4:00													8	10	10	22	22	22	27	125:20
35	3:40												5	9	11	22	22	22	22	63	180:00
40	3:40												9	11	22	22	22	22	22	99	233:00
Exceptional Exposure -----																					
45	3:20											3	9	22	22	22	22	22	41	113	279:40
50	3:20											5	18	22	22	22	22	22	73	113	322:40
55	3:20											11	22	22	22	22	22	28	99	113	364:40
60	3:20											20	22	22	22	22	22	42	114	113	402:40
65	3:00										5	22	22	22	22	22	33	59	113	113	436:20
70	3:00									11	22	22	22	22	22	27	38	76	113	113	469:20

Closed-Circuit Mixed-Gas UBA Decompression Table Using 0.75 ata Constant Partial Pressure Oxygen in Helium

Table 15-17. Closed-Circuit Mixed-Gas UBA Decompression Table Using 0.75 ata Constant Partial Pressure Oxygen in Helium (Continued).

(DESCENT RATE 60 FPM—ASCENT RATE 30 FPM)

Bottom Time (min)	Time to First Stop (M:S)	DECOMPRESSION STOPS (fsw)																		Total Ascent Time (M:S)		
		Stop times (min) include travel time, except first stop																				
		190	180	170	160	150	140	130	120	110	100	90	80	70	60	50	40	30	20	10		
195 FSW																						
6	6:30																			0	6:30	
10	5:30																	3	3	6	17:50	
15	4:50															3	4	8	9	16	45:10	
20	4:30														4	7	10	9	20	22	76:50	
25	4:10													4	9	10	10	22	22	22	103:30	
30	3:50												3	9	10	12	22	23	22	37	142:10	
35	3:50												9	9	14	22	22	22	22	75	199:10	
40	3:30											4	9	14	22	22	22	22	22	112	252:50	
Exceptional Exposure -----																						
45	3:30											7	12	22	22	22	22	22	55	113	300:50	
50	3:30											9	22	22	22	22	22	22	88	113	345:50	
55	3:10										1	19	22	22	22	22	22	30	113	113	389:30	
60	3:10										6	22	22	22	22	22	26	55	113	113	426:30	
200 FSW																						
6	6:40																			0	6:40	
10	5:40																	4	4	6	20:00	
15	4:40															1	4	4	8	10	49:00	
20	4:20													2	4	9	9	9	22	22	81:40	
25	4:20													7	10	9	13	22	22	22	109:40	
30	4:00												6	10	9	16	22	22	22	48	159:20	
35	3:40											3	10	9	17	22	22	22	22	87	218:00	
Exceptional Exposure -----																						
40	3:40											7	10	17	22	22	22	22	34	113	273:00	
45	3:20										1	10	16	22	22	22	22	22	70	113	323:40	
50	3:20										4	14	22	22	22	22	22	22	106	113	372:40	
55	3:20										6	22	22	22	22	22	22	46	113	113	413:40	
60	3:20										15	22	22	22	22	22	27	72	113	114	454:40	
205 FSW																						
5	6:50																			0	6:50	
10	5:30																	1	4	4	8	22:50
15	4:50															2	4	5	9	9	19	53:10
20	4:30													3	5	9	10	11	22	22	86:50	
25	4:10												2	9	9	10	15	22	22	22	115:30	
30	3:50											1	9	10	9	18	22	22	22	59	176:10	
35	3:50											7	9	10	20	22	22	22	22	100	238:10	
Exceptional Exposure -----																						
40	3:30										2	10	9	21	22	22	22	22	48	113	294:50	
45	3:30										5	10	20	22	22	22	22	22	85	113	346:50	
50	3:30										8	18	22	22	22	22	22	30	113	113	395:50	
55	3:30										14	22	22	22	22	22	22	62	113	113	437:50	
60	3:10									2	22	22	22	22	22	22	30	87	113	113	480:30	

Closed-Circuit Mixed-Gas UBA Decompression Table Using 0.75 ata Constant Partial Pressure Oxygen in Helium

Table 15-17. Closed-Circuit Mixed-Gas UBA Decompression Table Using 0.75 ata Constant Partial Pressure Oxygen in Helium (Continued).
(DESCENT RATE 60 FPM—ASCENT RATE 30 FPM)

Bottom Time (min)	Time to First Stop (M:S)	DECOMPRESSION STOPS (fsw)																		Total Ascent Time (M:S)		
		Stop times (min) include travel time, except first stop																				
		190	180	170	160	150	140	130	120	110	100	90	80	70	60	50	40	30	20	10		
210 FSW																						
5	7:00																			0	7:00	
10	5:40																2	4	4	9	25:00	
15	5:00														4	3	6	10	9	20	57:20	
20	4:20												1	4	6	10	9	13	22	22	91:40	
25	4:20												5	9	9	10	17	22	22	26	124:40	
30	4:00											4	10	9	9	21	22	23	22	68	192:20	
35	3:40									1	10	9	11	22	22	22	22	22	22	112	257:00	
Exceptional Exposure -----																						
40	3:40									6	9	12	22	22	22	22	22	22	61	113	315:00	
45	3:40									9	11	22	23	22	22	22	22	22	100	113	370:00	
50	3:20								2	10	22	22	22	22	22	22	22	45	113	113	418:40	
55	3:20								4	19	22	22	22	22	22	22	22	81	113	113	465:40	
60	3:20								10	22	22	22	22	22	22	22	32	103	113	113	506:40	
215 FSW																						
5	7:10																			0	7:10	
10	5:50																3	4	4	10	27:10	
15	4:50													1	4	4	7	9	10	22	62:10	
20	4:30												2	4	8	10	9	15	22	22	96:50	
25	4:10											1	7	10	9	9	20	22	22	36	140:30	
30	4:10											8	9	10	11	22	22	22	22	81	211:30	
Exceptional Exposure -----																						
35	3:50									5	10	9	14	22	22	22	22	22	35	113	278:10	
40	3:30								1	9	10	15	22	22	22	22	22	22	77	113	338:50	
45	3:30								4	9	15	22	22	22	23	22	24	113	113		392:50	
50	3:30								6	14	22	22	22	22	22	22	22	62	113	114	444:50	
55	3:30								9	22	22	22	22	22	22	22	23	97	113	113	490:50	
60	3:30								19	22	22	22	22	22	22	22	41	112	113	113	533:50	
220 FSW																						
5	7:20																			0	7:20	
10	5:40															1	4	4	5	9	29:00	
15	5:00														3	3	4	9	9	11	22	66:20
20	4:40												4	4	9	10	9	17	22	22	102:00	
25	4:20											3	8	10	9	10	22	22	22	45	155:40	
30	4:00									2	10	9	9	14	22	22	22	22	22	93	229:20	
Exceptional Exposure -----																						
35	4:00									9	9	10	17	22	22	22	22	48	113		298:20	
40	3:40								5	9	9	19	22	22	22	22	22	92	113		361:00	
45	3:40								8	9	19	22	22	22	22	22	41	113	113		417:00	
50	3:20								1	10	17	22	22	22	22	22	80	113	113		469:40	
55	3:20								3	15	22	22	22	22	22	22	30	108	113	113	517:40	

Closed-Circuit Mixed-Gas UBA Decompression Table Using 0.75 ata Constant Partial Pressure Oxygen in Helium

Table 15-17. Closed-Circuit Mixed-Gas UBA Decompression Table Using 0.75 ata Constant Partial Pressure Oxygen in Helium (Continued).
(DESCENT RATE 60 FPM—ASCENT RATE 30 FPM)

Bottom Time (min)	Time to First Stop (M:S)	DECOMPRESSION STOPS (fsw)																			Total Ascent Time (M:S)	
		Stop times (min) include travel time, except first stop																				
		190	180	170	160	150	140	130	120	110	100	90	80	70	60	50	40	30	20	10		
225 FSW																						
4	7:30																			0	7:30	
5	7:10																			1	8:30	
10	5:50															2	4	4	6	9	31:10	
15	5:10													4	4	4	9	10	12	22	70:30	
20	4:30											2	4	5	10	9	9	19	22	22	106:50	
25	4:10										1	5	9	9	10	12	22	22	22	56	172:30	
30	4:10										6	9	9	10	16	22	22	23	22	104	247:30	
Exceptional Exposure -----																						
35	3:50									3	10	9	10	20	22	22	22	22	61	113	318:10	
40	3:50									8	10	9	22	22	22	22	22	22	106	113	382:10	
45	3:30								3	9	10	22	22	22	22	22	22	56	113	113	439:50	
50	3:30								5	10	21	22	22	22	22	22	22	97	113	113	494:50	
55	3:30								7	19	22	22	22	22	22	22	42	113	113	114	543:50	
230 FSW																						
4	7:40																			0	7:40	
5	7:20																			2	9:40	
10	6:00															3	4	4	7	9	33:20	
15	5:00												2	4	3	6	9	9	14	22	74:20	
20	4:40											3	4	7	9	10	9	21	22	22	112:00	
25	4:20										2	7	9	10	9	14	22	22	22	66	187:40	
30	4:20										9	10	9	9	20	22	22	22	26	113	266:40	
Exceptional Exposure -----																						
35	4:00									7	9	10	10	22	22	22	22	22	74	113	337:20	
40	3:40								3	9	10	13	22	22	22	22	22	31	113	113	406:00	
45	3:40								7	9	14	22	22	22	22	22	22	74	113	113	466:00	
50	3:40								9	13	22	22	22	22	22	22	27	109	113	113	520:00	
55	3:20								2	10	22	22	22	23	22	22	60	113	113	113	569:40	
235 FSW																						
4	7:50																			0	7:50	
5	7:30																			3	10:50	
10	5:50															1	4	3	4	8	36:10	
15	5:10												3	4	4	6	10	9	15	22	78:30	
20	4:30										1	4	4	8	10	9	10	22	22	22	116:50	
25	4:30										4	8	9	10	9	17	22	22	22	76	203:50	
30	4:10										4	9	9	10	9	22	22	22	38	113	284:30	
Exceptional Exposure -----																						
35	3:50									2	9	9	10	13	22	22	23	22	22	88	113	359:10
40	3:50									7	9	10	16	22	22	22	22	22	46	113	113	428:10
45	3:30								1	10	9	17	23	22	22	22	22	22	90	113	113	489:50
50	3:30								4	9	17	22	22	22	22	22	22	40	113	113	113	544:50

Closed-Circuit Mixed-Gas UBA Decompression Table Using 0.75 ata Constant Partial Pressure Oxygen in Helium

Table 15-17. Closed-Circuit Mixed-Gas UBA Decompression Table Using 0.75 ata Constant Partial Pressure Oxygen in Helium (Continued).
(DESCENT RATE 60 FPM—ASCENT RATE 30 FPM)

Bottom Time (min)	Time to First Stop (M:S)	DECOMPRESSION STOPS (fsw)																		Total Ascent Time (M:S)	
		Stop times (min) include travel time, except first stop																			
		190	180	170	160	150	140	130	120	110	100	90	80	70	60	50	40	30	20	10	
240 FSW																					
4	8:00																			0	8:00
5	7:40																			3	11:00
10	6:00														2	4	4	3	9	10	38:20
15	5:00											1	4	4	3	8	9	10	17	22	83:20
20	4:40										3	3	5	9	10	9	12	22	22	32	132:00
25	4:20									2	4	10	9	9	10	19	22	22	22	87	220:40
Exceptional Exposure -----																					
30	4:20									7	9	10	9	12	22	22	22	22	51	113	303:40
35	4:00								5	10	9	10	16	22	22	22	22	22	104	113	381:20
40	3:40							1	10	9	10	19	22	22	22	22	22	60	113	113	449:00
45	3:40							5	10	9	21	22	22	22	22	22	22	107	113	113	514:00
50	3:40							8	9	21	22	22	22	22	22	22	58	113	113	113	571:00
245 FSW																					
5	7:30																		1	4	12:50
10	6:10														3	4	4	4	9	11	41:30
15	5:10											2	4	4	4	9	9	9	19	22	87:30
20	4:50										4	4	6	9	10	9	14	22	22	41	146:10
25	4:30									3	6	10	9	10	9	21	22	22	22	98	236:50
Exceptional Exposure -----																					
30	4:10								1	10	9	10	9	15	22	22	22	22	64	113	323:30
35	4:10								9	9	10	9	20	22	22	22	22	27	113	113	402:30
40	3:50							5	10	9	11	22	22	22	22	22	22	77	114	113	475:10
45	3:50							9	10	12	22	22	22	22	22	22	33	113	113	113	539:10
50	3:30							3	9	12	22	22	22	22	23	22	75	113	114	113	597:50
250 FSW																					
5	7:40																		1	4	13:00
10	6:20														4	4	4	5	9	12	44:40
15	5:20											3	4	4	5	9	9	10	20	22	91:40
20	4:40									2	4	4	7	9	10	9	16	22	22	50	160:00
25	4:20									1	4	8	9	10	9	11	22	22	22	110	254:40
Exceptional Exposure -----																					
30	4:20								5	9	10	9	10	17	22	22	22	22	78	113	343:40
35	4:00							4	9	9	10	10	22	22	22	22	22	41	113	114	424:20
40	4:00							9	9	10	14	22	22	22	22	22	22	94	113	113	498:20
45	3:40							4	9	10	16	22	22	22	22	22	51	113	113	113	565:00
50	3:40							7	9	16	22	22	22	22	22	22	95	113	113	113	624:00

Closed-Circuit Mixed-Gas UBA Decompression Table Using 0.75 ata Constant Partial Pressure Oxygen in Helium

Table 15-17. Closed-Circuit Mixed-Gas UBA Decompression Table Using 0.75 ata Constant Partial Pressure Oxygen in Helium (Continued).
(DESCENT RATE 60 FPM—ASCENT RATE 30 FPM)

Bottom Time (min)	Time to First Stop (M:S)	DECOMPRESSION STOPS (fsw)																			Total Ascent Time (M:S)	
		Stop times (min) include travel time, except first stop																				
		190	180	170	160	150	140	130	120	110	100	90	80	70	60	50	40	30	20	10		
255 FSW																						
5	7:50																		2	4	14:10	
10	6:10													1	4	4	4	6	10	12	47:30	
15	5:10									1	4	4	4	5	10	9	10	22	22		96:30	
20	4:50								3	4	4	9	9	10	9	18	22	22	59		174:10	
25	4:30								3	4	9	10	9	10	13	22	22	22	31	113	272:50	
Exceptional Exposure -----																						
30	4:10							1	8	9	10	9	9	21	22	22	22	22	91	113	363:30	
35	4:10							7	10	9	9	14	22	22	22	22	22	56	113	113	445:30	
40	3:50						4	9	10	9	17	22	22	22	22	22	25	107	113	113	521:10	
45	3:50						8	9	10	19	22	22	22	22	22	22	68	113	113	113	589:10	
50	3:30					2	9	10	20	22	22	22	22	22	22	32	104	113	113	113	651:50	
260 FSW																						
5	8:00																		3	4	15:20	
10	6:20													2	4	4	4	7	10	14	51:40	
15	5:20									2	4	4	4	7	9	10	11	22	22		100:40	
20	4:40								1	4	4	5	9	10	9	9	20	22	22	69	189:00	
25	4:20								1	4	5	10	9	10	9	16	22	22	22	43	113	290:40
Exceptional Exposure -----																						
30	4:20								3	9	10	9	9	11	22	22	22	22	22	105	113	383:40
35	4:00						2	9	10	9	9	17	22	22	22	22	22	72	113	113	468:20	
40	4:00						8	9	9	10	20	22	22	23	22	22	34	113	113	113	544:20	
45	3:40					3	9	9	11	22	22	22	22	22	22	22	86	113	113	113	615:00	
265 FSW																						
5	8:10																		4	4	16:30	
10	6:30													4	3	4	4	8	10	15	54:50	
15	5:30										4	4	3	4	9	9	9	13	22	22	104:50	
20	4:50								3	4	3	7	9	10	9	9	22	22	22	78	203:10	
25	4:30								2	4	8	9	10	9	9	18	22	22	22	55	113	307:50
Exceptional Exposure -----																						
30	4:30								6	10	9	9	10	13	22	22	22	22	27	113	113	402:50
35	4:10						5	10	9	10	9	19	22	23	22	22	22	87	113	113	490:30	
40	3:50					2	10	9	10	11	22	22	22	22	22	22	52	113	113	113	569:10	
45	3:50					7	9	9	15	22	22	22	22	22	22	26	100	113	113	113	641:10	

Closed-Circuit Mixed-Gas UBA Decompression Table Using 0.75 ata Constant Partial Pressure Oxygen in Helium

Table 15-17. Closed-Circuit Mixed-Gas UBA Decompression Table Using 0.75 ata Constant Partial Pressure Oxygen in Helium (Continued).
(DESCENT RATE 60 FPM—ASCENT RATE 30 FPM)

Bottom Time (min)	Time to First Stop (M:S)	DECOMPRESSION STOPS (fsw)																		Total Ascent Time (M:S)	
		Stop times (min) include travel time, except first stop																			
		190	180	170	160	150	140	130	120	110	100	90	80	70	60	50	40	30	20	10	
270 FSW																					
5	8:00																	1	4	4	17:20
10	6:20												1	4	4	4	4	9	9	16	57:40
15	5:20								1	4	4	4	4	4	9	10	9	15	22	22	109:40
20	5:00								4	4	4	8	9	9	10	11	22	22	22	88	218:20
25	4:40							4	4	9	9	10	9	10	20	22	22	22	66	113	325:00
Exceptional Exposure -----																					
30	4:20						2	8	9	10	9	10	16	22	22	22	22	41	113	113	423:40
35	4:20						9	9	10	9	10	22	22	22	22	22	22	102	113	113	511:40
40	4:00					6	9	10	9	15	22	22	22	22	22	22	69	113	113	113	593:20
45	3:40				1	10	9	10	18	22	22	22	22	22	22	37	107	113	113	113	667:00
275 FSW																					
5	8:10																	2	4	4	18:30
10	6:30												2	4	4	4	4	10	9	18	61:50
15	5:30								3	4	3	4	5	10	9	10	16	22	24		115:50
20	4:50							2	4	4	4	9	9	10	9	14	22	22	22	99	235:10
Exceptional Exposure -----																					
25	4:30						2	4	5	9	10	9	10	10	22	22	22	22	79	113	343:50
30	4:30						4	9	10	9	10	9	19	22	22	22	22	55	113	113	443:50
35	4:10					4	9	9	10	9	13	22	22	22	22	22	32	108	113	113	534:30
40	3:50				1	9	10	9	9	19	22	22	22	22	22	22	86	113	113	114	619:10
45	3:50				5	10	9	9	22	22	22	22	22	22	22	48	113	113	113	113	691:10
280 FSW																					
5	8:20																	3	4	3	18:40
10	6:40												3	4	4	4	5	10	9	19	65:00
15	5:40									4	4	4	4	6	9	10	9	18	22	32	128:00
20	5:00							3	4	4	5	10	9	10	9	15	23	22	22	109	250:20
Exceptional Exposure -----																					
25	4:40						3	4	7	10	9	10	9	12	22	22	22	22	92	113	362:00
30	4:20					2	6	9	10	9	10	9	21	22	22	22	22	70	113	113	464:40
35	4:20					7	10	9	9	10	16	22	22	22	22	22	43	113	113	113	557:40
40	4:00				4	10	9	10	9	22	22	22	22	22	22	26	99	113	113	113	642:20
45	4:00				9	9	10	13	22	22	22	22	22	22	22	68	113	113	113	113	719:20

Closed-Circuit Mixed-Gas UBA Decompression Table Using 0.75 ata Constant Partial Pressure Oxygen in Helium

Table 15-17. Closed-Circuit Mixed-Gas UBA Decompression Table Using 0.75 ata Constant Partial Pressure Oxygen in Helium (Continued).
(DESCENT RATE 60 FPM—ASCENT RATE 30 FPM)

Bottom Time (min)	Time to First Stop (M:S)	DECOMPRESSION STOPS (fsw)																			Total Ascent Time (M:S)
		Stop times (min) include travel time, except first stop																			
		190	180	170	160	150	140	130	120	110	100	90	80	70	60	50	40	30	20	10	
285 FSW																					
5	8:30																	3	4	4	19:50
10	6:30											1	4	4	3	4	7	9	10	20	68:50
15	5:30							2	4	4	3	4	8	9	10	9	21	22	40	141:50	
20	4:50					1	4	4	4	7	9	9	10	9	18	22	22	29	113	266:10	
Exceptional Exposure -----																					
25	4:30				1	4	4	9	9	10	9	10	14	22	22	22	23	104	113	380:50	
30	4:30				3	8	10	9	10	9	11	22	22	22	22	22	84	113	113	484:50	
35	4:10			2	9	10	9	9	10	19	22	22	22	22	22	59	113	113	113	580:30	
40	4:10			8	10	9	10	12	22	22	22	22	22	22	38	104	113	113	113	666:30	
45	3:50		4	9	10	9	17	22	22	22	22	22	22	22	87	113	113	113	113	746:10	
290 FSW																					
5	8:20															1	4	3	5	21:40	
10	6:40										2	4	4	4	3	8	9	10	22	73:00	
15	5:40						3	4	4	4	4	4	8	10	9	10	22	22	48	154:00	
20	5:00				3	4	3	4	9	9	9	10	9	20	22	22	40	113	282:20		
Exceptional Exposure -----																					
25	4:40				3	4	5	9	9	10	9	10	17	22	22	22	31	109	113	400:00	
30	4:20			1	5	9	10	9	9	10	14	22	22	22	22	23	99	113	113	507:40	
35	4:20			5	10	9	10	9	10	22	22	22	22	22	22	76	113	113	113	604:40	
40	4:00		3	9	10	9	10	15	22	23	22	22	22	22	49	111	113	113	113	692:20	
45	4:00		8	9	10	9	20	22	22	22	22	22	22	31	95	113	113	113	113	770:20	
295 FSW																					
5	8:30															1	4	4	5	22:50	
10	6:50										3	4	4	4	3	9	9	11	22	76:10	
15	5:30						1	4	4	3	4	5	9	10	9	12	22	22	56	166:50	
20	4:50				1	3	4	4	4	10	9	10	9	10	22	22	22	50	113	298:10	
Exceptional Exposure -----																					
25	4:30				1	4	4	6	10	9	9	10	9	20	22	22	22	41	112	113	418:50
30	4:30				3	6	10	9	9	10	9	17	22	22	22	22	33	103	113	113	527:50
35	4:30				9	9	10	9	10	12	22	22	22	22	22	23	91	113	113	113	626:50
40	4:10			7	9	10	9	9	20	22	22	22	22	22	22	66	113	113	113	113	718:30
45	3:50		2	10	9	10	11	22	22	22	22	22	22	22	43	102	113	113	113	113	797:10

Closed-Circuit Mixed-Gas UBA Decompression Table Using 0.75 ata Constant Partial Pressure Oxygen in Helium

Table 15-17. Closed-Circuit Mixed-Gas UBA Decompression Table Using 0.75 ata Constant Partial Pressure Oxygen in Helium (Continued).
(DESCENT RATE 60 FPM—ASCENT RATE 30 FPM)

Bottom Time (min)	Time to First Stop (M:S)	DECOMPRESSION STOPS (fsw)																			Total Ascent Time (M:S)
		Stop times (min) include travel time, except first stop																			
		190	180	170	160	150	140	130	120	110	100	90	80	70	60	50	40	30	20	10	
300 FSW																					
5	8:40																2	4	4	6	25:00
10	7:00											4	4	4	4	4	9	9	12	22	79:20
15	5:40							2	4	4	4	4	5	10	9	10	14	22	22	64	180:00
20	5:00					2	4	4	4	5	10	9	10	9	12	22	22	22	62	113	315:20
Exceptional Exposure -----																					
25	4:40				2	4	4	8	10	9	10	9	9	22	22	23	22	51	113	113	436:00
30	4:20			1	4	8	9	10	9	10	9	20	22	22	22	22	43	108	113	113	549:40
35	4:20			4	9	9	10	9	10	15	22	22	22	22	23	32	97	113	113	113	649:40
40	4:00		1	10	9	10	9	10	22	22	22	22	22	22	22	83	113	113	113	113	742:20
310 FSW																					
Exceptional Exposure -----																					
6	8:20														1	4	4	4	6	9	36:40
10	7:00										2	4	4	4	4	6	9	10	15	22	87:20
15	5:40						1	4	4	4	4	4	8	9	9	10	18	22	22	81	206:00
20	5:00				1	4	4	4	4	8	10	9	10	9	17	22	22	22	85	113	349:20
25	4:40			2	4	3	7	9	10	9	9	10	14	22	22	22	22	81	113	113	477:00
30	4:40			4	6	10	9	10	9	10	12	22	22	22	22	22	69	113	113	113	593:00
35	4:20		2	9	10	9	9	10	9	22	22	22	22	22	22	54	109	113	113	113	696:40
40	4:20		9	9	10	9	10	16	22	22	22	22	23	22	41	98	113	113	113	113	791:40
320 FSW																					
Exceptional Exposure -----																					
6	8:40														3	4	4	4	7	10	41:00
10	7:00									1	4	4	4	4	4	7	10	9	19	22	95:20
15	6:00						4	3	4	4	4	5	10	9	9	10	22	22	22	98	232:20
20	5:20				4	4	4	4	6	9	10	9	9	10	22	22	22	28	102	113	383:40
25	4:40		1	4	4	4	9	10	9	10	9	10	19	22	22	22	34	96	113	113	516:00
30	4:40		3	5	10	9	9	10	9	10	18	22	22	22	22	31	91	113	113	113	637:00
35	4:20	1	8	10	9	10	9	9	16	22	22	22	22	22	24	84	113	113	113	113	746:40
40	4:20	7	10	9	10	9	11	22	22	22	22	22	22	22	66	112	113	113	113	113	844:40