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

(DESCENT RATE 60 FPM—ASCENT RATE 30 FPM)

	Time							DEC	COME	PRES	SION	STO	PS (few)							Total
Bottom	to First					Stop	time				trav		•		first	stop					Ascent
Time (min)	Stop (M:S)	100	190	170	160	150	140	120	120	110	100	90	90	70	60	50	40	30	20	10	Time (M:S)
40 FS\		130	100	170	100	130	140	130	120	110	100	30	00	70	00	30	40	30	20	10	(141.3)
390	1:20																			0	1:20
000	1.20																			Ū	1.20
50 FS\	N																				
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
Exception		ıre																			00:40
260 270	1:20 1:20																			29	30:40
280	1:20																			33 37	34:40 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 FS\	۸/																				
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
Exception	al Exposu	ıre																			
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
250 260	1:40 1:40																			103109	105:00 111:00
270	1:40																		1	113	115:40
210	1.20																		1	113	113.40

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	Time to First Stop							es (m	in) in	clude	SION e trav	el tin	ne, ex		first	stop					Total Ascen Time
(min)	(M:S)			170	160	150	140	130	120	110	100	90	80	70	60	50	40	30	20	10	(M:S)
60 FSV	N Con	tinu	ıed																		
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	157:4
380	1:20																		46	113	160:4
390	1:20																		49	113	163:4
70 FSV																					
82	2:20																			0	2:2
85	2:00																			2	4:2
90	2:00																			6	8:2
95	2:00																			9	11:2
100	2:00																			12	14:2
110	2:00																			19	21:2
120	2:00																			35	37:20
130	2:00																			51	53:20
140	2:00																			65	67:20
Exception		re																			
150	2:00																			79	81:2
160	2:00																			92	94:2
170	2:00																		_	104	106:20
180	1:40																			109	118:0
190	1:40																			113	129:0
200	1:40																			113	139:0
210	1:40																			113	149:0
220	1:40																			113	158:00
230	1:40																			113	167:0
240	1:40																			113	175:0
250	1:40																			113	183:0
260	1:40																			113	190:0
270	1:40																		82	113	197:0

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)

	Time										SION										Total
Bottom Time	to First Stop							·	,		e trav			-	first	stop					Ascent Time
(min)	(M:S)	190	180	170	160	150	140	130	120	110	100	90	80	70	60	50	40	30	20	10	(M:S)
80 FS\	N																				
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																		0	36	38:40
100	2:00																		3	44	49:20
110	2:00																		9	58	69:20
120	2:00																		14	73	89:20
Exception 130		ire																	10	07	107:20
140	2:00 2:00																		18	87 100	124:20
150	2:00																			105	140:20
160	2:00																			111	156:20
170	2:00																		55	113	170:20
180	2:00																		69	113	184:20
190	2:00																			113	197:20
100	2.00																		0_	110	107.20
90 FS\	N																				
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
Exception	al Exposu	re																			
130	2:00																	11			161:20
140	2:00																	15		109	181:20
150	2:00																	19		113	
160	2:00																	22	81	113	218:20

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 to First					Stor	time				SION trav				first	ston					Total Ascent
Time (min)	Stop (M:S)	190	180	170	160												40	30	20	10	Time (M:S)
100 FS	. ,	150	100	170	100	100	140	100	120	110	100	50	00	70	00	50	70	50	20	.0	(141.0)
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
Exception	al Exposu	re																			
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 FS	SW																				
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
Exception	al Exposu	re																			
110	2:20																20	38	52	103	215:40
120	2:20																28	38	64	111	243:40
130	2:20																34	40	80		269:40
140	2:00															2	38	51	89	113	295:20

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)

	Time							DF	COMI	PRFS	SION	STO	PS (fsw)							Total
Bottom	to First					Stop	time				trav		•		first	stop					Ascent
Time (min)	Stop (M:S)	190	180	170	160	150	140	130	120	110	100	90	80	70	60	50	40	30	20	10	Time (M:S)
120 FS		130	100	170	100	100	170	100	120	110	100	30	00	70	00	50	70	50	20	.0	(141.0)
18	4:00																			0	4.00
20	3:40																			2	4:00 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
Exception		re																			104.00
90	2:20															4	24	37	38	95	200:40
100	2:20															7	32	38		104	233:40
110	2:20															12	37	38	65	112	266:40
120	2:20															20	38	41	83	113	297:40
130 FS	SW																				
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
Exception	al Exposu	ire																			
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

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	Time to First Stop					Stop	time				SION trav		•	,	first	stop					Total Ascent Time
(min)	(M:S)	190	180	170	160	150	140	130	120	110	100	90	80	70	60	50	40	30	20	10	(M:S)
140 FS	SW	'																			
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
Exception	nal Exposu	ıre																			
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 FS	SW																				
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
Exception	nal Exposu	ıre																			
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

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

(DESCENT RATE 60 FPM—ASCENT RATE 30 FPM)

	Time							DE	СОМІ	PRES	SION	STC	PS (f	sw)							Total
Bottom	to First					Stop	time				e trav		•	,	first	stop					Ascent
Time (min)	Stop (M:S)	100	180	170	160	150	140	120	120	110	100	90	90	70	60	50	40	30	20	10	Time (M:S)
` ,	` '	130	100	170	100	150	140	130	120	110	100	30	00	70	00	30	40	30	20	10	(141.3)
155 F																				0	5.40
9	5:10																			0	5:10
10 15	4:50																		3	1	6:10
20	4:30 4:10																	5	10	17	16:50 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	22	90:50
40	3:30															12	22	22	22	22	103:50
45	3:10														3	20	22	22	22	44	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		100	232:10
Exception	nal Exposu	ıre																			
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 F	SW																				
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	41:20
25	4:00																8	10	19	22	63:20
30	3:40															5	10	19	22	22	82:00
35	3:20														1	9	18	22	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
Exception	nal Exposu	ıre																			
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

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 to First					Stop	time				SION trave		•	,	first	stop					Total Ascent
Time (min)	Stop (M:S)	190	180	170	160	150	140	130	120	110	100	90	80	70	60	50	40	30	20	10	Time (M:S)
165 FS																					
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	22	104:50
40	3:30													1	8	19	22	22	22	39	135:50
45 50	3:10 3:10													5	16 22	22	22 22	22	22 24	66 92	174:30
Exception		ıro												- 5						92	212:30
55	3:10													13	22	22	22	22	34	108	246:30
60	3:10													20	22	22	22	27		113	277:30
70	2:50												10	22	22	22	28	38		113	337:10
80	2:50												18	22	22	28	38		105		387:10
170 FS	w																				
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
Exception	al Exposu	ire																			
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

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)

Time Stop		Time							DE	COMI	PRES	SION	STO	PS (f	sw)							Total
Miss 190 180 170 160 150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 Miss 175 FSW 7 5.50		to First					Stop	time								first	stop					Ascent
7 5:50 10 5:10 15 4:30 20 4:10 3 1 7 10 12 22 56:30 25 4:10 3 3:50 7 7 13 12 22 22 22 22 101:10 3 3:30 3 3:50 7 7 13 12 22 22 22 22 112:10 40 3:30 7 7 13 22 22 22 22 21 12:10 Exceptional Exposure 45 3:30 3 10 22 22 22 22 22 30 113 25:30 5 5 3:10 8 22 12 22 22 22 30 113 25:30 6 3:10 8 22 22 22 22 23 30 113 32:30 6 3:10 8 22 22 22 22 23 17 76 113 32:30 6 5 3:10 8 22 22 22 22 23 17 76 113 32:30 6 5 3:10 8 22 22 22 22 23 17 76 113 32:30 6 5 3:10 8 22 22 22 22 23 17 76 113 32:30 6 5 3:10 8 22 22 22 22 23 17 76 113 32:30 6 5 3:10 8 22 22 22 22 23 17 76 113 32:30 6 5 3:10 8 22 22 22 22 23 17 76 113 32:30 6 5 3:10 8 22 22 22 22 22 23 17 76 113 32:30 6 5 3:10 8 22 22 22 22 23 17 76 113 32:30 6 5 3:10 8 22 22 22 22 22 22 23 17 76 113 32:30 6 5 3:10 8 22 22 22 22 22 22 23 17 76 113 32:30 6 5 3:10 8 22 22 22 22 22 22 23 17 76 113 32:30 6 5 3:10 8 22 22 22 22 22 22 23 17 76 113 32:30 6 5 3:10 8 22 22 22 22 22 22 22 23 17 76 113 32:30 6 5 3:10 8 22 22 22 22 22 22 23 17 76 113 32:30 6 5 3:10 8 22 22 22 22 22 22 22 23 17 76 113 32:30 7 8:00 7 8:00 7 8:00 10 5:20 10 5:20 10 5:20 10 6:00 10 5:20 3 8 10 11 22 22 22 22 22 23 10:30 3 9 10 16 22 22 22 22 26 26:20 3 0 3:40 7 9 17 22 22 22 22 23 10:8:00 3 3 4 12:40 4 14 42 22 22 22 22 22 22 23 10:8:00 3 5 3:40 7 7 9 17 22 22 22 22 22 23 10:8:00 3 5 3:40 7 7 9 17 22 22 22 22 22 23 10:8:00 3 5 3:40 7 7 9 17 22 22 22 22 22 23 10:8:00 3 5 3:40 7 7 9 17 22 22 22 22 22 23 10:8:00 3 5 3:40 7 7 9 17 12 22 22 22 22 22 10:50 5 26:40 6 3:20 7 7 22 22 22 22 22 22 22 10:50 5 26:40 6 3:20 7 7 22 22 22 22 22 22 22 22 22 22 23 10:40 6 5 3:20 7 22 22 22 22 22 24 17 11:30 7 3 14:40 5 3:20 8 4 14 22 22 22 22 22 22 22 22 22 22 23 10:40 6 5 3:20 7 7 22 22 22 22 22 22 23 10:40 6 6 3:20 7 7 22 22 22 22 22 22 22 22 22 22 23 10:40 6 6 3:20 7 7 22 22 22 22 22 22 22 23 10:40 6 6 3:20 7 7 22 22 22 22 22 22 22 23 10:40 7 8 22 22 22 22 22 22 22 23 10:40 7 8 22 22 22 22 22 22 23 10:40 7 8 22 22 22 22 22 22 22 22 22 23 1			190	180	170	160	150	140	130	120	110	100	an	80	70	60	50	40	30	20	10	
7 5:50 5:50 0 5:10 2 4 11:30 15 4:30 1 4 8 10 2:75:50 2.0 4:10 1 1 4 8 10 2:75:50 2.0 4:10 1 7 10 12 2:2 56:30:30 3 9 15 2:2 2:2 2:2 10:11:10 35 3:30 3 9 15 2:2 2:2 2:2 10:11:10 35 3:30 3 9 15 2:2 2:2 2:2 17:55:50 10 3:3 9 15 2:2 2:2 2:2 17:55:50 10 3:3 9 15 2:2 2:2 2:2 17:55:50 10 3:10 2 19 2:2 2:2 2:2 2:2 17:55:50 55 3:10 8 2:2	` '	` '	130	100	170	100	100	170	100	120	110	100	30	00	10	00	50	40	50	20	.0	(141.0)
10 5:10 2 4 11:30 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 3:50 7 9 15 22 22 22 10:110 35 3:30 7 13 22 22 22 22 30 11:70 3:50 3:30 7 13 22 22 22 22 30 11:70 3:50 3:30 7 13 22 22 22 22 22 31 127:50 40 3:30 7 13 22 22 22 22 22 22 20 11:10 22 22 22 22 22 22 22																					0	E-E0
15																				2		
1																		1	1			
25																	1					
30 3:50																						
35 3.30 3 9 15 22 22 22 31 127:50																7						
No.															3	-						
Exceptional Exposure																-						
50 3:10 2 19 22 22 22 22 22 20 22 23 37 38 10 11 388:10 75 2:50 10 22 22 22 30 38 58 113 113 38:10 10 14 11 10 28 11 11 11 11 11 11 11 11 11 12 22 22 23 11 14 12 22 22 22 22 23 12 <td>Exception</td> <td>ial Exposu</td> <td>re</td> <td></td>	Exception	ial Exposu	re																			
55 3:10 8 22 22 22 22 28 113 292:30 60 3:10 16 22 22 22 22 22 21 21 22 22 22 22 22 21 31 76 113 327:30 70 2:50 6 22 22 22 22 22 34 38 106 113 388:10 75 2:50 10 22 22 22 23 27 37 45 113 113 415:10 80 2:50 14 22 22 22 36 38 58 113 113 415:10 180 FSW 7 6:00 22 22 22 36 38 58 113 113 441:10 180 FSW 7 6:00 20 20 20 38 4 12:40 15 4:40 3 4 9 11 32:40 <t< td=""><td>45</td><td>3:30</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>10</td><td>22</td><td>22</td><td>22</td><td>22</td><td>22</td><td>91</td><td>214:50</td></t<>	45	3:30													10	22	22	22	22	22	91	214:50
60 3:10 16 22 22 22 22 31 76 113 327:30 65 3:10 22 22 22 22 22 22 22 22 22 38 90 113 357:30 70 2:50 10 22 22 22 22 34 38 106 113 388:10 80 2:50 10 22 22 22 23 27 37 45 113 113 41:10 180 FSW 7 6:00 3 58 113 113 44:10 10 5:20 3 4 9 11 32:00 20 4:20 3 8 10 14 22 61:40 25 4:00 3 8 10 14 22 61:40 25 4:00 3 9 10 16 22 22 23 108:00 35 3:40 7 9 17 22 <t< td=""><td>50</td><td>3:10</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>2</td><td>19</td><td>22</td><td>22</td><td>22</td><td>22</td><td>30</td><td>113</td><td>255:30</td></t<>	50	3:10												2	19	22	22	22	22	30	113	255:30
65 3:10 22 22 22 22 22 23 38 90 113 357:30 70 2:50 6 22 22 22 22 24 38 106 113 388:10 75 2:50 10 22 22 22 23 27 37 45 113 113 415:10 180 FSW 7 6:00 3 4 25 22 22 23 38 58 113 113 441:10 10 5:20 3 4 9 11 32:00 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 28:20 30 108:00 35 3:40 7 9 17 22 22 22 23 108:00 40 3:20 1 10 </td <td>55</td> <td>3:10</td> <td></td> <td>8</td> <td>22</td> <td>22</td> <td>22</td> <td>22</td> <td>22</td> <td>58</td> <td>113</td> <td>292:30</td>	55	3:10												8	22	22	22	22	22	58	113	292:30
70 2:50 6 22 22 22 23 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 26 36 38 58 113 113 441:10 180 FSW 7 6:00 3 4 9 11 33 4 9 11 32:00 34 12:40 15 4:40 34 9 11 32:00 34 9 11 32:00 34 9 11 32:00 34 12:40 34 11 12 22 23 26:140 26 4:40 22 21 23 24 14:40 22 21 23 24 14:40 22 22 23 22 28:20 23 18:20 38:10 14 22 22 23 22 24 18:20 38:20 13:40 38:40 <td< td=""><td>60</td><td>3:10</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>16</td><td>22</td><td>22</td><td>22</td><td>22</td><td>31</td><td>76</td><td>113</td><td>327:30</td></td<>	60	3:10												16	22	22	22	22	31	76	113	327:30
75 2:50 10 22 22 23 27 37 45 113 113 415:10 80 2:50 14 22 22 22 22 36 38 58 113 113 415:10 180 FSW 7 6:00 3 3 4 9 11 32:00 10 5:20 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 22 23 108:00 35 3:40 7 9 17 22 22 22 23 11:40 Exceptional Exposure 4 14 22 22 22 22 22 22 22 22 22 22 22 22 22 22 22 22 22 <	65	3:10												22	22	22	22	25	38	90	113	357:30
180 FSW 7 6:00 8 8 9 11 12:40 15 4:40 3 4 9 11 32:00 20 4:20 3 8 10 14 22 6:20 30 3:40 3 9 10 16 22 22 28 6:20 30 3:40 1 10 9 17 22 22 23 108:00 35 3:40 7 9 17 22 22 23 108:00 40 3:20 1 10 16 22 22 22 23 108:00 40 3:20 1 10 16 22 22 22 23 11:40 Exceptional Exposure 4 14 22 </td <td>70</td> <td>2:50</td> <td></td> <td>6</td> <td>22</td> <td>22</td> <td>22</td> <td>22</td> <td>34</td> <td>38</td> <td>106</td> <td>113</td> <td>388:10</td>	70	2:50											6	22	22	22	22	34	38	106	113	388:10
180 FSW 7 6:00 0 6:00 10 5:20 3 4 12:40 15 4:40 3 8 10 14 22 61:40 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 22 22 24 14 145:00 40 3:20 1 10 16 22 22 22 73 191:40 Exceptional Exposure 45 3:20 4 14 22 </td <td>75</td> <td>2:50</td> <td></td> <td>10</td> <td>22</td> <td>22</td> <td>23</td> <td>27</td> <td>37</td> <td>45</td> <td>113</td> <td>113</td> <td>415:10</td>	75	2:50											10	22	22	23	27	37	45	113	113	415:10
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 22 23 108:00 35 3:40 7 9 17 22 22 22 21 145:00 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 22 24 41 13 277:40 55 3:20 7 22 22 22 22 24 70 113 314:40 60 3:00 3 22 22 22	80	2:50											14	22	22	22	36	38	58	113	113	441:10
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 22 23 108:00 35 3:40 7 9 17 22 22 22 21 41 145:00 40 3:20 1 10 16 22 22 22 22 22 73 191:40 Exceptional Exposure 45 3:20 4 14 22 22 22 22 22 22 22 24 41 13 277:40 55 3:20 16 22 22 22 22 24 70 113 314:40 60 3:00 3																						
10 5:20	180 FS	SW																				
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 22 286:20 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 22 22 22 22 22 22 22 22 22 22 24 41 13 277:40 55 3:20 7 22 22 22 22 24 70 113 314:40 60 3:00 3 22 22 22 22 22 23	7	6:00																			0	6:00
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 22 22 21 41 145:00 40 3:20 1 10 16 22 22 22 22 22 73 191:40 Exceptional Exposure 45 3:20 4 14 22 22 22 22 22 22 22 22 22 22 22 22 22 22 22 22 22 24 41 13 277:40 50 3:20 7 22 22 22 22 24 70 113 314:40 55 3:20 8 16 22 22 22 22 24 70 113 314:40	10	5:20																		3	4	12:40
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 22 73 191:40 Exceptional Exposure 45 3:20 4 14 22 22 22 22 22 22 22 20 236:40 50 3:20 7 22 22 22 22 24 41 11 277:40 55 3:20 16 22 22 22 22 24 70 113 314:40 60 3:00 3 22 22 22 22 23 33 90 113 352:20		4:40																3	4	9	11	32:00
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 24 41 113 277:40 55 3:20 16 22 22 22 22 24 70 113 314:40 60 3:00 3 22 22 22 22 23 30 90 113 352:20																						
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 24 4 113 277:40 55 3:20 16 22 22 22 22 24 70 113 314:40 60 3:00 3 22 22 22 22 23 30 90 113 352:20																						
40 3:20 1 10 16 22 22 22 22 73 191:40 Exceptional Exposure ————————————————————————————————————																						
Exceptional Exposure ————————————————————————————————————																						
45 3:20 4 14 22 22 22 22 22 105 236:40 50 3:20 7 22 22 22 22 22 24 4 113 277:40 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														1	10	16	22		22	22	73	191:40
50 3:20 7 22 22 22 22 22 24 113 277:40 55 3:20 16 22 22 22 22 24 70 113 314:40 60 3:00 3 22 22 22 22 23 39 113 352:20		·	ire												4.4	22			22		405	220:40
55 3:20 60 3:00 16 22 22 22 22 22 22 22 22 22 22 22 22 22 22 22 23 29 24 27 25 26 26 27 27 28 28 29 29 20 20 </td <td></td>																						
60 3:00 3 22 22 22 22 23 30 90 113 352:20														-								
													3									
5																						
70 3:00 15 22 22 22 22 37 45 113 113 414:20																						

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	Time to First Stop					Stop	time				SION e trav				first	stop					Total Ascent Time
(min)	(M:S)	190	180	170	160	150	140	130	120	110	100	90	80	70	60	50	40	30	20	10	(M:S)
185 FS	SW	1																		'	
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
Exception	al Exposu	re																			
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 FS	SW																				
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
Exception	al Exposu	re																			
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	27	38	76	113	113	469:20

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)

	Time							DE	СОМІ	PRES	SION	STO	PS (f	sw)							Total
Bottom Time	to First Stop					Stop	time	es (m	in) in	clude	trav	el tim	e, ex	cept	first	stop					Ascent Time
(min)	(M:S)	190	180	170	160	150	140	130	120	110	100	90	80	70	60	50	40	30	20	10	(M:S)
195 FS	SW	'																		'	, ,
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
Exception	al Exposu	ıre																			
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 FS	SW																				
6	6:40																			0	6:40
10	5:40																	4	4	6	20:00
15	4:40														1	4	4	8	10	17	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
	al Exposu	ıre																			
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		106	113	372:40
55 60	3:20 3:20										6	22	22 22	22	22 22	22	22 27		113 113	113	413:40
60	3.20										15	22	22	22	22	22	21	12	113	114	454:40
205 50	214/																				
205 FS																				•	0.50
5	6:50																			0	6:50
10	5:30														0	4	1	4	4	8	22:50
15	4:50													2	2	4	5	9	9	19	53:10
20	4:30												2	3	5	9	10	11	22	22	86:50
25 30	4:10 3:50											1	2 9	9	9	10 18	15 22	22 22	22 22	22 59	115:30 176:10
35	3:50											7	9	10	20	22	22	22		100	238:10
	3:50 eptional E	vnosii	ro									1	9	10	20	22	22	22	22	100	230.10
40	epuonai ⊑. 3:30	vhosn	ı C								2	10	9	21	 22	22	22	22		113	294:50
45	3:30										5	10	20	22	22	22	22	22		113	346:50
50	3:30										8	18	22	22	22	22	22		113		395:50
55	3:30										14	22	22	22	22	22	22		113		437:50
60	3:10									2	22	22	22	22	22	22	30		113		480:30

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	Time to First Stop					Stop	time				SION trav		•	,	first	stop					Tota Ascer
(min)	(M:S)	190	180	170	160	150	140	130	120	110	100	90	80	70	60	50	40	30	20	10	(M:S
210 FS	SW	1																			·
5	7:00																			0	7:0
10	5:40																2	4	4	9	25:0
15	5:00														4	3	6	10	9	20	57:2
20	4:20												1	4	6	10	9	13	22	22	91:4
25	4:20												5	9	9	10	17	22	22	26	124:4
30	4:00											4	10	9	9	21	22	23	22	68	192:2
35	3:40										1	10	9	11	22	22	22	22	22	112	257:0
Exception	al Exposu	re																			
40	3:40										6	9	12	22	22	22	22	22	61	113	315:0
45	3:40										9	11	22	23	22	22	22	22	100	113	370:0
50	3:20									2	10	22	22	22	22	22	22	45	113	113	418:
55	3:20									4	19	22	22	22	22	22	22	81	113	113	465:
60	3:20									10	22	22	22	22	22	22	32	103	113	113	506:
215 FS	SW																				
5	7:10																			0	7:
10	5:50																3	4	4	10	27:
15	4:50													1	4	4	7	9	10	22	62:
20	4:30												2	4	8	10	9	15	22	22	96:
25	4:10											1	7	10	9	9	20	22	22	36	140:
30	4:10											8	9	10	11	22	22	22	22	81	211:
Exception	al Exposu	ire																			
35	3:50										5	10	9	14	22	22	22	22	35	113	278:
40	3:30									1	9	10	15	22	22	22	22	22	77	113	338:
45	3:30									4	9	15	22	22	22	23	22	24	113	113	392:
50	3:30									6	14	22	22	22	22	22	22	62	113	114	444:
55	3:30									9	22	22	22	22	22	22	23	97	113	113	490:
60	3:30									19	22	22	22	22	22	22	41	112	113	113	533:
220 FS	SW																				
5	7:20																			0	7:
10	5:40															1	4	4	5	9	29:
15	5:00													3	3	4	9	9	11	22	66:
20	4:40												4	4	9	10	9	17	22	22	102:
25	4:20											3	8	10	9	10	22	22	22	45	155:
30	4:00										2	10	9	9	14	22	22	22	22	93	229:
	al Exposu	re																			
35	4:00										9	9	10	17	22	22	22	22		113	298:
40	3:40									5	9	9	19	22	22	22	22	22	92	113	361:
45	3:40									8	9	19	22	22	22	22	22	41	113	113	417:
50	3:20								1	10	17	22	22	22	22	22	22	80	113	113	469:
55	3:20								3	15	22	22	22	22	22	22	30	108	113	113	517:

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	Time to First Stop					Stop	o time	DE(es (m			SION trav		•	,	first	stop					Total Ascen Time
(min)	(M:S)	190	180	170	160	150	140	130	120	110	100	90	80	70	60	50	40	30	20	10	(M:S)
225 FS	SW																				
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	106:5
25	4:10										1	5	9	9	10	12	22	22	22	56	172:3
30	4:10										6	9	9	10	16	22	22	23	22	104	247:3
Exception	al Exposu	ıre																			
35	3:50									3	10	9	10	20	22	22	22	22	61	113	318:1
40	3:50									8	10	9	22	22	22	22	22	22	106	113	382:1
45	3:30								3	9	10	22	22	22	22	22	22	56	113	113	439:5
50	3:30								5	10	21	22	22	22	22	22	22	97	113	113	494:5
55	3:30								7	19	22	22	22	22	22	22	42	113	113	114	543:5
230 FS	SW																				
4	7:40																			0	7:4
5	7:20																			2	9:4
10	6:00															3	4	4	7	9	33:2
15	5:00												2	4	3	6	9	9	14	22	74:2
20	4:40											3	4	7	9	10	9	21	22	22	112:0
25	4:20										2	7	9	10	9	14	22	22	22	66	187:4
30	4:20										9	10	9	9	20	22	22	22	26	113	266:4
Exception	al Exposu	ıre																			
35	4:00									7	9	10	10	22	22	22	22	22	74	113	337:2
40	3:40								3	9	10	13	22	22	22	22	22	31	113		406:0
45	3:40								7	9	14	22	22	22	22	22	22		113		466:0
50	3:40								9	13	22	22	22	22	22	22	27		113		520:0
55	3:20							2	10	22	22	22	23	22	22	22	60	113	113	113	569:4
235 FS	SW																				
4	7:50																			0	7:5
5	7:30																			3	10:5
10	5:50														1	4	3	4	8	10	36:1
15	5:10												3	4	4	6	10	9	15	22	78:3
20	4:30										1	4	4	8	10	9	10	22	22	22	116:5
25	4:30										4	8	9	10	9	17	22	22	22	76	203:5
30	4:10									4	9	9	10	9	22	22	22	22	38	113	284:3
	al Exposu	ıre																			
35	3:50								2	9	9	10	13	22	22	23	22	22		113	359:1
40	3:50								7	9	10	16	22	22	22	22	22		113		428:1
45	3:30							1	10	9	17	23	22	22	22	22	22		113		489:5
50	3:30							4	9	17	22	22	22	22	22	22	40	113	113	113	544:5

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)

Time (min) (Mis) 190 180 170 160 150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 240 FSW 4 8.00 5 7.40 3 8 9 10 10 15 5.00 1 4 4 4 3 8 8 9 10 10 17 22 20 4.40 3 8 8 9 10 10 17 22 20 4.40 3 8 8 9 10 10 17 22 20 4.40 3 8 8 9 10 10 17 22 20 4.40 3 8 8 9 10 10 17 22 20 4.40 3 8 8 9 10 10 17 22 20 4.40 3 8 8 9 10 10 17 22 20 18 18 18 18 18 18 18 18 18 18 18 18 18	Total Ascent Time					stop	first	,	•		SION trav				time	Stop					Time to First	Bottom
A 8:00	(M:S)	10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	160	170	180	190	•	
S		'																		1	SW	240 FS
10	8:00	0																			8:00	4
15 5:00	11:00	3																			7:40	5
20	38:20	10	9	3	4	4	2														6:00	10
25 4:20	83:20	22	17	10	9	8	3	4	4	1											5:00	15
Secretional Exposure	132:00	32	22	22	12	9	10	9	5	3	3										4:40	20
30 4:20	220:40	87	22	22	22	19	10	9	9	10	4	2									4:20	25
35 4:00																				ıre	al Exposu	Exception
40 3:40	303:40	113	51	22	22	22	22	12	9	10	9	7									4:20	30
45 3:40 5 10 9 21 22 22 22 22 22 107 113 113 50 3:40 8 9 21 22 22 22 22 22 22 22 107 113 113 245 FSW 5 7:30 3 4 4 4 9 9 11 4 10 6:10 3 4 4 4 9 9 9 19 12 22 20 4:50 3 4 4 4 9 9 9 19 22 24 4 4 9 9 19 22 22 24 4 4 9 9 19 22 22 24 4 4 9 9 19 22 22 24 4 4 9 9 19 22 22 22 22 22 22 22 22 22 22 22 22 22 22 22<	381:20	113	104	22	22	22	22	22	16	10	9	10	5								4:00	35
245 FSW 5	449:00	113	113	60	22	22	22	22	22	19	10	9	10	1							3:40	40
245 FSW 5 7:30	514:00	113	113	107	22	22	22	22	22	22	21	9	10	5							3:40	45
5 7:30 1 4 10 6:10 3 4 4 9 11 15 5:10 2 4 4 9 9 9 19 22 24 4 4 9 9 19 22 24 14 4 9 9 9 19 22 24 14 4 9 9 9 19 22 24 41 22 22 22 41 22 22 22 24 41 22 22 22 24 41 41 4 9 9 10 9 10 9 10 9 11 22 </td <td>571:00</td> <td>113</td> <td>113</td> <td>113</td> <td>58</td> <td>22</td> <td>22</td> <td>22</td> <td>22</td> <td>22</td> <td>22</td> <td>21</td> <td>9</td> <td>8</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>3:40</td> <td>50</td>	571:00	113	113	113	58	22	22	22	22	22	22	21	9	8							3:40	50
5 7:30 1 4 4 9 11 4 10 6:10 2 2 4 4 4 9 9 19 12 20 4:50 2 4 4 6 9 10 9 10 9 10 9 10 9 10 9 10 9 10 9 10 9 10 9 10 9 10 9 10 9 11<																						
10 6:10																					SW	245 FS
15 5:10	12:50	4	1																		7:30	5
20 4:50	41:30	11	9	4	4	4	3														6:10	10
25 4:30 3 6 10 9 10 9 21 22 22 22 28 98 Exceptional Exposure 30 4:10 1 10 9 10 9 15 22 22 22 22 24 64 113 35 4:10 9 9 10 9 20 22 22 22 22 27 113 113 40 3:50 9 10 9 11 22 2	87:30	22	19	9	9	9	4	4	4	2											5:10	15
Exceptional Exposure 30 4:10 1 10 9 10 9 15 22 22 22 22 64 113 35 4:10 9 9 10 9 20 22 22 22 22 27 113 113 40 3:50 5 10 9 11 22 22 22 22 22 22 22 77 114 113 45 3:50 9 10 12 22 22 22 22 22 22 22 33 113 113 50 3:30 3 9 12 22 22 22 22 22 22 22 23 31 113 114 113 250 FSW 5 7:40 1 4 4 4 5 9 12	146:10	41	22	22	14	9	10	9	6	4	4										4:50	20
30 4:10 1 10 9 10 9 15 22 22 22 22 64 113 35 4:10 9 9 10 9 20 22 22 22 22 27 113 113 40 3:50 5 10 9 11 22 22 22 22 22 22 22 22 77 114 113 45 3:50 9 10 12 22 22 22 22 23 3 114 113 113 114 113 113 113 113 113 113 113 113 113 113 113 113 113 <	236:50	98	22	22	22	21	9	10	9	10	6	3									4:30	25
35 4:10 9 9 10 9 20 22 22 22 22 27 113 113 40 3:50 5 10 9 10 12 22 22 22 22 22 22 22 77 114 113 45 3:50 9 10 12 22 22 22 22 22 22 33 113 113 113 50 3:30 3 9 12 22 22 22 22 22 23 22 75 114 113 113 50 TSW 250 FSW 5 7:40																				ire		<u> </u>
40 3:50 5 10 9 11 22 22 22 22 22 22 22 77 114 113 45 3:50 9 10 12 22 22 22 22 22 23 31 113 113 50 3:30 3 9 12 22 22 22 22 22 23 22 75 113 114 113 50 FSW 5 7:40 5 7:40 7:40 7:40 7:40 7:40 7:40 7:40 7:40	323:30																					
45 3:50 9 10 12 22 22 22 22 22 22 33 113 113 113 50 3:30 3 9 12 22 22 22 22 22 22 23 22 75 113 114 113 250 FSW 5 7:40	402:30																					
50 3:30 3 9 12 22 22 22 22 23 22 75 113 114 113 250 FSW 5 7:40 10 6:20 1 1 6:20	475:10																					
250 FSW 5 7:40 10 6:20 1 4 4 5 9 12	539:10														0							
5 7:40	597:50	113	114	113	75	22	23	22	22	22	22	22	12	9	3						3:30	50
5 7:40																					-\A/	250 50
10 6:20 4 4 4 5 9 12	40.00	4	4																			
	13:00		-	F	4	4	4															
10 0.20 3 4 4 5 9 9 10 20 22	44:40						-	4	4	2												
20 4:40	91:40										4	2										
20 4:40 2 4 4 7 9 10 9 16 22 22 50 25 4:20 1 4 8 9 10 9 11 22 22 22 21 110	160:00 254:40												1									
Exceptional Exposure	204.40	110			22	22	11	9	10	9	0	4								ıre		
30 4:20 5 9 10 9 10 17 22 22 22 22 78 113	343:40	113	78	22	22	22	22	17	10	9	10	9	5									
35 4:00 4 9 9 10 10 22 22 22 22 22 41 113 114	424:20													Δ								
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 22 51 113 113 113	565:00														4							
50 3:40 7 9 16 22 22 22 22 22 22 22 95 113 113 113	624:00																					

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 to First					Stop	time				SION e trav		•	,	first	stop					Total Ascent
Time (min)	Stop (M:S)	190	180	170	160	150	140	130	120	110	100	90	80	70	60	50	40	30	20	10	Time (M:S)
255 FS	` '	.00												. •				•		. •	(
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
	nal Exposu	re																			
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 F	SW																				
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
	nal Exposu	re																			
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		468:20
40	4:00						8	9	9	10	20	22	22	23	22	22	34		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 F	sw																				
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
	nal Exposu	re																			
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		490:30
40	3:50					2	10	9	10	11	22	22	22	22	22	22		113		113	569:10
45	3:50					7	9	9	15	22	22	22	22	22	22	26	100	113	113	113	641:10

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	Time to First					Stop	time	DE0			SION trav		•	,	first	stop					Total Ascent Time
(min)	Stop (M:S)	190	180	170	160	150	140	130	120	110	100	90	80	70	60	50	40	30	20	10	(M:S)
270 FS	SW	1																			
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	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
Exception	nal Exposu	re																			
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	593:20
45	3:40				1	10	9	10	18	22	22	22	22	22	22	37	107	113	113	113	667:00
275 F	SW																				
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
	nal Exposu	re																			
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		443:50
35	4:10					4	9	9	10	9	13	22	22	22	22	22	32			113	534:30
40	3:50				1	9	10	9	9	19	22	22	22	22	22	22	86	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 FS																					
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
	nal Exposu	re								40		40		40						440	000.00
25	4:40					0	3	4	7	10	9	10	9	12	22	22	22	22		113	362:00
30	4:20					2	6	9	10	9	10	9	21	22	22	22	22	70	113		464:40
35	4:20				4	7	10	9	9	10	16 22	22	22	22	22	22	43		113		557:40
40	4:00				4	10	9	10	9	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

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)

	Time e							DE/	2014	DE0		CTO	DC /6								Total
Bottom	Time to First					Stor	time				SION trav		•	,	first	stop					Total Ascent
Time	Stop					·		•	•					·		·					Time
(min)	(M:S)	190	180	170	160	150	140	130	120	110	100	90	80	70	60	50	40	30	20	10	(M:S)
285 FS	SW																				
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
Exception	nal Exposu	ıre																			
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 FS	SW																				
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	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
Exception	nal Exposu	ıre																			
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 FS	SW																				
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
Exception	nal Exposu	ıre																			
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

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)

	Time										SION		•	,	_						Total
Bottom Time	to First Stop					Stop	time	es (mi	in) in	clude	trav	el tim	ie, ex	cept	first	stop					Ascent Time
(min)	(M:S)	190	180	170	160	150	140	130	120	110	100	90	80	70	60	50	40	30	20	10	(M:S)
300 F	SW																				
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
Exception	nal Exposu	re																			
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	649:4
40	4:00		1	10	9	10	9	10	22	22	22	22	22	22	22	83	113	113	113	113	742:2
310 FS	21//																				
	nal Exposu	ro																			
6	8:20														1	4	4	4	6	9	36:4
10	7:00										2	4	4	4	4	6	9	10	15	22	87:2
15	5:40						1	4	4	4	4	4	8	9	9	10	18	22	22	81	206:0
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	477:0
30	4:40			4	6	10	9	10	9	10	12	22	22	22	22	22	69	113		113	593:0
35	4:20		2	9	10	9	9	10	9	22	22	22	22	22	22	54	109	113		113	696:4
40	4:20		9	9	10	9	10	16	22	22	22	22	23	22	41	98			113		791:40
320 FS	SW																				
Exception	nal Exposu	re																			
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
	6:00						4	3	4	4	4	5	10	9	9	10	22	22	22	98	232:20
15	0.00																				
15 20	5:20				4	4	4	4	6	9	10	9	9	10	22	22	22	28	102	113	383:4
			1	4	4	4 4	4 9	4 10	6 9	9 10	10 9	9	9 19	10 22	22 22	22 22	22 34	28 96	102113	113 113	
20	5:20		1	4 5	-	-		-													383:40 516:00 637:00
20 25	5:20 4:40	1	-	-	4	4	9	10	9	10	9	10	19	22	22	22	34	96	113	113	516:0