

WR Total		29 03.46		Important! now to edit table your email must be added (give to ribot or request by logging in here to your google account)		
Lev	Min Sec Rider	Best rek	Lev	Min Sec Rider	Best rek	Comments:
A1 - Straight Sample	0 20 30 Xghias		C1 - Calcechle	0 57 25 Xghias		this table has been supplied by ribot
A2 - Rotation	0 30 30 Xghias		C2 - Hicidole	0 50 25 Xghias		the names of the Avon have been done by Agorria
A3 - Voltage	0 33 02 Xghias		C3 - Shigphed	0 37 20 Xghias		helmet times in in another lab, see Red Hat at bottom
A4 - Slip Surface	0 34 00 Xghias		C4 - The Crusher	0 46 40 Xghias		you can also create a word button, see lab at bottom
A5 - Fortress	0 36 00 Xghias		C5 - Fast and Accurate	0 22 73 Xghias		http://chocolate.mercurio2004.com/CS/227223ac
A6 - Wastelands	0 32 34 Xghias		C6 - Agnes in the Air	0 30 50 Ono		improved don't touch buttons a bit - Lata
A7 - One Last	0 24 20 Xghias		C7 - Iron Valley	1 27 17 Xghias		http://chocolate.mercurio2004.com/CS/227223ac
A8 - Cateway	0 35 40 Xghias		C8 - Tongue Twister	1 05 40 Tak		*improved by - Lata good improvement, golden apple award
Total	4 05 13		Total	6 08 45		
Internal times are automatically compared to CS times and coloured blue if faster!						
Lev	Min Sec Rider	Best rek	Lev	Min Sec Rider	Best rek	Comments:
B1 - Ten Phons	0 20 70 Xghias	http://chocolate.mercurio2004.com/CS/227223ac	D1 - Bannet	1 00 70 Xghias		maybe format total times like Min Sec also to do some automatic order lab? maybe have separate lab for totals? - vessey
B2 - Time Control	0 47 35 Ribot		D2 - Three Subways	0 51 20 Xghias		the separation for min and sec is for easily counting totals, but for sorting totals the sorting function is enough - ribot
B3 - Spang's Nest	0 13 30 Xghias		D3 - Hicidole	1 15 37 Azarek		WR Count added!
B4 - Felling Down	0 56 40 Ono		D4 - Hidden Taps	1 22 20 Ribot		WR Count added!
B5 - Jumpy Area	0 51 70 Xghias		D5 - Double Lock	1 31 58 Ribot		someone keeping any backups of this? pro-tip: save as pdf
B6 - Show	0 21 20 Xghias		D6 - Factory	1 12 20 Ono		Removed unnecessary empty rows and columns
B7 - Dark Prison	0 58 71 Xghias		D7 - Lost Temple	0 57 73 vessey		Shewawa not in separate lab because might need more space when new code is done
B8 - Cycle Adventure	1 26 51 Xghias		D8 - Elevator	3 03 45 Ribot		heap 37.25.45 12.37.60
Total	8 14 46		Total	11 24 24		Azarek 33.35.95 12.17.01
WIP? While minutes under Min and seconds under Sec.						
Totals			Total time minute breakers			
see separate tab			15/12/2017	39 vessey	no	Time
			16/12/2017	38 Ono	1 Xghias	29.37.45
			16/12/2017	38 Ono	2 Ribot	31.59.43
			16/12/2017	37 Tak	3 Ono	33.44.28
			16/12/2017	38 Ono	4 Azarek	35.39.66
			16/12/2017	39 Ono	5 Tak	38.21.52
			16/12/2017	34 Ribot	6 vessey	37.12.38
			16/12/2017	33 Ribot		
			16/12/2017	32 Ribot		
			27/12/2017	31 Xghias		
			06/01/2018	30 Xghias		

23.47.81

What's possible in elma 2?									
Achievement	Discoverer				Vanity	Vanitizer			
Bugline in lev	ribot				beat ipod time	jon	see a7 a8 time		
Brutal volt driving horizontally					have world domination in pak	jon			
Bounce	Arzenik	http://kopasite.net/up/h93f5cudnoy3417/A5bounce.rec			find location of state.dat	jon			
Wheel in ground	jon	http://kopasite.net/up/b493m9q3iv9f162/a5jvtf.rec			have same wr on ios and pc	ribot			
Supervolt	jon				11 wrs in same table	ribot			
Alovolt	sunl				33 mins club	ribot			
Polygons with partial solid partial nonsolid edges	sunl	http://kopasite.net/up/0/polywow.lev			wr count code	Xiphias	good code i can see u have done ur code homework		
Polygons with multiple textures	sunl	http://kopasite.net/up/0/polywow.lev			Alovolt ahk	sunl			
Minimap-only polygons	sunl	http://kopasite.net/up/0/polywow.lev			polygon cheat sheet	sunl			
Secret objects	sunl	http://kopasite.net/up/0/l_ugrat.lev			Uncorrupting image files from elma2	sunl			
Bug Bounce	Xiphias	http://kopasite.net/up/0/A5XiBugbounce.rec			wr record in every pak	Orcc			
Make elman fart	Xiphias	https://www.dropbox.com/s/x3sydrk4kg4dngc/beans.mov			Original level names	sunl, iCS	http://kopasite.net/up/0/image_1.jpg		
Across start bug with teleports	sunl	http://kopasite.net/up/0/acrossbug.rec			All bonus helmet finishes	Arzenik	see table		
					First WR in Steam version	Arzenik	C2 helmet time	(beta advantage heh)	

WR Total					27 47.46					Post new WR: http://mopolauta.moposite.com/viewtopic.php?f=2&t=9128&start=500 At Mopolauta				
Lev	Min	Sec	Rider	Best Rek	Lev	Min	Sec	Rider	Best Rek	ASPIRINKA style	By ASPIRINKA			
										Viper.CZ styles: https://www.youtube.com/channel/UCPT87faTKdZz-O_RXWFn31g				
A1 - Straight San	0	29.30	Xiphias	https://www.youtube.com/watch?v=C1-Catapulte	C1 - Catapulte	0	57.24	ASPIRINKA	https://www.youtube.com/watch?v=P6aEWOwpcQ					
A2 - Rotación	0	37.57	ASPIRINKA	https://www.youtube.com/watch?v=C2-Holeride	C2 - Holeride	0	47.33	ASPIRINKA	https://www.youtube.com/watch?v=1BT18HIE9g					
A3 - Voltage	0	32.78	ASPIRINKA	https://www.youtube.com/watch?v=C3-Bridgehead	C3 - Bridgehead	0	36.88	ASPIRINKA	https://www.youtube.com/watch?v=xkoRqM5eG8Y					
A4 - Slip Surface	0	33.81	ASPIRINKA	https://www.youtube.com/watch?v=C4-TheCrusher	C4 - The Crusher	0	44.73	ASPIRINKA	https://www.youtube.com/watch?v=TOKZtUxmQM					
A5 - Fortress	0	38.58	ASPIRINKA	https://www.youtube.com/watch?v=C5-FastandAc	C5 - Fast and Ac	0	22.73	Xiphias	https://www.youtube.com/watch?v=opdJLw-1Mo					
A6 - Wastelands	0	32.18	ASPIRINKA	https://www.youtube.com/watch?v=C6-Applesinth	C6 - Apples in th	0	50.03	ASPIRINKA	https://www.youtube.com/watch?v=6XKHGcJpGg					
A7 - One Lap	0	24.82	Xiphias	https://www.youtube.com/watch?v=C7-IronValley	C7 - Iron Valley	1	21.56	ASPIRINKA	https://www.youtube.com/watch?v=N7F4e10XMMk					
A8 - Cableway	0	33.48	Xiphias	https://www.youtube.com/watch?v=C8-TongueTun	C8 - Tongue Tun	1	01.40	ASPIRINKA	https://www.youtube.com/watch?v=Xw6zjzA1oeU					
Total	4	22.52			Total	6	41.90							
Lev	Min	Sec	Rider	Best Rek	Lev	Min	Sec	Rider	Best Rek					
B1 - Two Floors	0	39.70	Xiphias	https://www.youtube.com/watch?v=D1-Sawmill	D1 - Sawmill	1	06.51	ASPIRINKA	https://www.youtube.com/watch?v=73_sl8x7Gyo					
B2 - Time Contro	0	45.79	ASPIRINKA	https://www.youtube.com/watch?v=D2-ThreeSub	D2 - Three Sub	0	51.93	Xiphias	https://www.youtube.com/watch?v=2OidakwF_Ck					
B3 - Sparrow's N	0	13.92	Xiphias	https://www.youtube.com/watch?v=D3-Hiliclimb	D3 - Hiliclimb	1	08.99	ASPIRINKA	https://www.youtube.com/watch?v=K4_BWmSsSk					
B4 - Falling Dowi	0	54.00	ASPIRINKA	https://www.youtube.com/watch?v=D4-HiddenTrap	D4 - Hidden Trap	1	10.80	ASPIRINKA	https://www.youtube.com/watch?v=O_FAYqgcZl					
B5 - Jumpy Area	0	49.44	ASPIRINKA	https://www.youtube.com/watch?v=D5-DoubleLock	D5 - Double Lock	1	28.43	ASPIRINKA	https://www.youtube.com/watch?v=9b1VpKhSCA					
B6 - Shoe	0	20.58	ASPIRINKA	https://www.youtube.com/watch?v=D6-Factory	D6 - Factory	1	08.73	ASPIRINKA	https://www.youtube.com/watch?v=26mkYRxAw5Q					
B7 - Dark Prison	0	56.98	ASPIRINKA	https://www.youtube.com/watch?v=D7-LostTemple	D7 - Lost Temple	0	53.75	ASPIRINKA	https://www.youtube.com/watch?v=Btn_Of1K-AM					
B8 - Cycle Adver	1	23.56	ASPIRINKA	https://www.youtube.com/watch?v=D8-Elevator	D8 - Elevator	2	49.93	ASPIRINKA						
Total	6	03.97			Total	10	39.07							
Totals			Device					Minute Breaker						
ASPIRINKA			iPhone 5s	28:11.60				ASPIRINKA	29					
Viper.CZ			iPad Mini	29:59.40				ASPIRINKA	30					
Ribot			iPhone 5	30:41.69				ASPIRINKA	31					
Jembawls				31:48.46				ASPIRINKA	32					
frgr			iPad mini 2	31:59.90				Kestas	33					
Kestas				32:49.92										
Xiphias				37:32.70										

This data is imported from the iOS WRs spreadsheet and cannot be edited. Cell A1 contains the url to the iOS wr sheet.

Polygon Style Cheat Sheet:	http://kopasite.net/up/2/StyleCheatSheet.pdf	by sunl				
See Alovolt and Hacks to open locked levels						
Published level list:	http://wiki.elmaonline.net/Elma_2/Levels					
Extended Polygons Program:	https://drive.google.com/open?id=199HfGtckfOBg8RuBTNKHpvnArE9quJOM					by sunl
	Premade examples include extendedpolygons.lev and conveyertest.lev from Elma_2/Levels					

sunl's hex hacks			Comments	Signature
			Center cam and real alovolt! The game feels totally different. Amazing!	Xiph
1) Download exepatch and suncodes suncodes (version 3)	http://kopasite.net/up/1/suncodes2.txt	Last updated 2018/1/9	Thanks for comment, wouldn't have noticed teh centered cam otherwise. Also big up to sunl!	Orcc
exepatch (version 1.01)	https://drive.google.com/open?id=1gYnoBbDqDrWnnJwZ467ntU_DZkEdvBcP	Last updated 2018/1/5	Avast sent exepatch101 to their investigations so it'll take me a while to be able to use it. Gadame	Orcc
2) Open suncodes and modify if you want to enable/disable features. If you put a comma, the line will be skipped. You can do this to select which patches you want to apply				
Available patches to enable/disable:				
Enable renaming Elasto_Mania_II_registered.exe file				
Enable opening locked levels	Disabled by default - crashes internal levels			
Alovolt*				
Centered camera				
Change map dimensions				
Disable object bobble				
Instant turn animation	Disabled by default - makes the lines in the editor look weird			
Overwrite old replay files	Disabled by default			
3) Run exepatch, and select elma2.exe and suncodes.txt and patch your exe file to enable the desired features. A backup will automatically be saved				
4) Test to make sure the exe was successfully patched. The default alovolt key is "x"				
5) Alovolt: In order to change the alovolt key, you can use the file on the right to find the key that you want to use and edit suncodes file at the indicated spot with the code. Then, run exepatch again to change the alovolt key	http://kopasite.net/up/0/AloVoltKeys.pdf			
5b) If your key is missing, you will have to find the code manually. First, enter elma in the options menu and change the "Thrust" key to the desired alovolt key (e.g. change Thrust to Left Ctrl)				
5c) Exit the options menu and choose the state.dat file with exepatch.exe. Process the state.dat and it will display for you a code for "Thrust"				
5d) Edit suncodes.txt at the line in alovolt where it tells you to place your keyboard code				
5e) Run exepatch again to change the alovolt key from "x" to "Left Ctrl"				
Other hacks:	Instructions			
Show fps	Just create a player named "ShowFrameRate" as a new player			
Force Graphics GDI mode	Put a file called "force_gdi.txt" in an elma-related folder-just not sure which folder :P			
Debug topology check file	topol_file.txt - not sure where it has to be put			

List any bugs or issues found here:	Comments	Version	Date
No death stars in external levels. When you die in an internal level small yellow stars appear around your head but not in externals.	sunl: This happens because the game engine for internals is separate from the game engine for externals, and I guess Balazs forgot to copy the feature over	1.01	
Game starts at 0.5 seconds when entering level		1.01	
Creating a level with one teleport crashes the game. Same error happens when adding two teleports of same type 2x (A)	Topology check fails to catch this error. The game crashes with the error: "Sorry, internal error! <ukyjutthtrtdrdr>"	1.01	
Sometimes pressing esc quits to the level selection menu and not to the pause screen.	Using Wine on macOS Sierra	1.01 with Sunl patches	30 Dec 2017
When pausing a game it says "You failed to finish" even if you are not dead.		1.01	
Duplicate warning messages in the editor: 2x the same message in the top and 2x the same in the bottom of the screen		1.01	
Would appreciate if also updated	http://wiki.elmaonline.net/Elma_2/Internal_error		