

ROMULAN STAR EMPIRE

(Version 1.0)

This document is for designing Romulan starships for use in the *FASA Star Trek Starship Tactical Combat Simulator Game*. Presented in this document is the statistics and game data for the warp engines, impulse engines, ship's computer, shields, hulls, and the superstructure requirements for the Romulan starships of the Star Trek universe. All information compiled from various editions of the *Ship Construction Manual* from FASA, and other FASA game materials.

CONTROL COMPUTER SYSTEM TYPES						
Control Computer Type	System Mass (mt)	Appropriate Ship Classes	SS Requirement	Maximum WDF Allowed	Availability	Cost (MCr)
R1M	60	I-III	0.1	3	LLL/43	6
R2M	680	II-IX	0.5	8	LLL/39	24
R3M	1950	II-X	0.8	25	LLL/32	34
R4M	3170	III-XII	1.0	50	LLL/28	70
R5M	5250	VI-XV	1.8	75	LLL/14	100
R6M	8100	X-XIX	2.1	105	LLL/05	230
R6M-1	9200	X-XVIII	2.2	140	None	N/A

Cloaking Device Type						
Cloaking Device Type	Appropriate Ship Classes	Power to Energize	Control Computer Requirement	SS Requirement	Availability	Cost (MCr)
RCA	II-III	8	R2M	None	III/05	12,000
RCB	IV-V	10	R3M	None	III/04	20,000
RCC	VI-IX	15	R4M	None	III/02	45,000
RCD	X-XI	22	R5M	None	III/01	70,000
RCE	XII	38	R5M	None	III/01	90,000

WARP ENGINE TYPES

Single Engine Use

Warp Engine Type	Total Mass (mt)	Power Units Available	Control Computer Required	Stress Column (Eng/SS)	SS Requirement	Availability	Cost (MCr)
RWA-1	3,000	6	R1M	K/M	0.2	RRR/48	4.2
RWA-2	2,800	8	R1M	J/L	0.2	RRR/44	5
RWB-1	8,000	10	R2M	K/O	0.6	RRR/44	7.2
RWB-2	8,200	9	R2M	L/O	0.6	RRR/40	8.5
RWC-1	20,000	12	R2M	K/O	1.6	RRR/39	49
RWC-2	20,000	14	R2M	L/P	1.6	RRR/35	50
RWD-1	30,000	15	R2M	N/O	2.4	RRR/32	145
RWD-2	30,000	18	R3M	O/Q	2.4	RRR/28	192
RWE-1	40,000	12	R2M	H/J	3.2	RRR/26	206
RWF-1	50,000	16	R3M	F/K	4.0	RRR/21	312
RWF-2	50,000	18	R3M	F/L	4.0	RRR/18	322
RWG-1	70,000	22	R4M	D/F	5.6	RRR/15	497

Tandem Engine Use

Warp Engine Type	Total Mass (mt)	Power Units Available	Control Computer Required	Stress Column (Eng/SS)	SS Requirement	Availability	Cost (MCr)
RWA-1	6,000	6ea	R2M	M/O	0.4	RRR/48	9.6
RWA-2	5,600	9ea	R3M	J/M	0.4	RRR/44	11
RWB-1	16,000	10ea	R3M	M/P	1.2	RRR/44	15.4
RWB-2	16,400	11ea	R4M	N/P	1.2	RRR/40	18.7
RWC-1	40,000	12ea	R4M	M/P	3.2	RRR/39	107
RWC-2	40,000	15ea	R4M	N/Q	3.3	RRR/35	110
RWD-1	60,000	16ea	R4M	O/O	4.8	RRR/32	319
RWD-2	60,000	20ea	R5M	O/Q	4.8	RRR/28	422
RWE-1	80,000	13ea	R4M	I/L	6.4	RRR/26	453
RWF-1	100,000	18ea	R4M	G/L	8.0	RRR/21	686
RWF-2	100,000	20ea	R5M	G/M	8.0	RRR/18	708
RWG-1	140,000	24ea	R5M	G/L	11.2	RRR/15	1,095

MOVEMENT POINT RATIO TABLE: SINGLE WARP ENGINES

Movement Point Ratios

Ship Class	1/3	1/2	1/1	2/1	3/1	4/1	5/1	6/1		
I	RWA-1 25.5 7/8 RWA-2 34 7/8	RWA-2 23 7/8	RWA-2 11.5 7/8							
II		RWA-1 17 7/8	RWA-2 11.5 7/8 RWB-1 14 6/7 RWB-2 13 6/7							
III			RWA-1 8.5 6/7	RWA-1 4 5/6 RWA-2 5.5 6/7 RWB-1 7 5/6	RWB-2 6.5 6/7 RWC-1 8.5 6/8 RWC-2 10 6/8					
IV				RWC-1 8.5 6/8 RWC-2 10 6/8	RWD-1 11 7/8 RWD-2 13 7/8	RWC-1 5.5 5/7				
V				RWD-1 11 7/8 RWD-2 13 7/8		RWC-2 6.5 5/7 RWE-1 6 7/8	RWF-1 7.5 7/9 RWF-2 8.5 7/9			
VI				RWD-1 11 7/8 RWD-2 13 7/8		RWD-1 7 6/7 RWD-2 8.5 6/7 RWE-1 6 7/8	RWF-1 7.5 7/9 RWF-2 8.5 7/9			
VII						RWD-1 7 6/7 RWD-2 8.5 6/7 RWE-1 6 7/8	RWF-1 7.5 7/9 RWF-2 8.5 7/9	RWD-1 5 5/6 RWD-2 6 5/6		
VIII						RWE-1 6 7/8 RWF-1 7.5 7/9	RWF-2 8.5 7/8	RWD-1 5 5/6 RWD-2 6 5/6	RWG-1 7.5 7/9	
IX						RWE-1 6 7/8 RWF-1 7.5 7/9 RWF-2 8.5 7/8	RWD-1 5 5/6 RWD-2 6 5/6 RWE-1 4 6/7	RWF-1 6 6/8 RWF-2 6 6/7 RWG-1 7.5 7/9	RWG-1 6 6/8	
X						RWE-1 4 6/7 RWF-1 6 6/8	RWF-2 6 6/7	RWD-2 5 4/5 RWG-1 6 6/8		
XI						RWE-1 4 6/7	RWF-1 6 6/8	RWG-1 6 6/8		
XII						RWE-1 4 6/7	RWF-1 6 6/8	RWF-1 4.5 5/7	RWG-1 6 6/8	
XIII								RWE-1 3 5/6	RWF-1 4.5 5/7	RWG-1 5 5/7
XIV								RWE-1 3 5/6	RWF-1 4.5 5/7	RWG-1 5 5/7
XV								RWE-1 3 5/6	RWF-1 4.5 5/7	RWG-1 5 5/7

MOVEMENT POINT RATIO TABLE: TANDEM WARP ENGINES

Movement Point Ratios

Ship Class	1/1	2/1	3/1	4/1		5/1	6/1	7/1	
II	RWA-1 34 7/8	RWA-1 17 6/7 RWA-2 25.5 6/7							
III	RWA-2 25.5 6/7 RWB-1 28.5 6/7 RWB-2 31.5 6/7	RWA-1 8.5 5/6 RWB-1 14 6/7							
IV		RWA-2 13 5/6 RWB-1 14 6/7 RWB-2 15.5 6/7	RWA-1 5.5 4/5 RWB-1 9.5 5/6 RWB-2 10.5 5/6						
V		RWC-1 17 5/7 RWC-2 21.5 6/8 RWD-1 23 7/8	RWB-2 10.5 5/6 RWC-1 11.5 4/6 RWC-2 14 6/7						
VI		RWD-1 23 7/8	RWD-1 15.5 6/7 RWD-2 19 7/8	RWD-2 19 7/8 RWC-2 11 4/6					
VII			RWD-1 15.5 7/8	RWE-1 12 7/8	RWD-2 11 4/6				
VIII			RWD-1 15.5 7/8 RWE-1 12 7/8		RWD-2 14 6/7 RWF-1 13 7/9	RWF-2 14 7/8			
IX			RWD-1 15.5 6/7		RWD-2 14 6/7 RWF-1 9 6/7	RWF-2 13 7/8 RWF-1 14 7/8			
X			RWD-1 15.5 6/7		RWD-1 11.5 5/6 RWD-2 14 6/7 RWE-1 9 6/7	RWF-1 13 7/8 RWF-2 14 7/8 RWG-1 17 7/9	RWD-2 11.5 5/6		
XI					RWD-1 11.5 5/6 RWE-1 9 6/7 RWF-1 13 7/9	RWF-2 14 7/8 RWG-1 17 7/9	RWD-2 11.5 5/6		
XII					RWD-1 11.5 5/6 RWE-1 9 6/7 RWF-1 13 7/9	RWF-2 14 7/8 RWG-1 17 7/9	RWD-2 11.5 5/6 RWE-1 7 5/6 RWF-1 10 6/8	RWF-2 11.5 6/7	
XIII					RWG-1 17 7/9		RWD-1 9 4/5 RWE-1 7 5/6 RWF-1 10 6/8	RWF-2 11.5 6/7 RWG-1 13.5 6/8	RWD-2 9.5 4/5
XIV							RWD-1 4/5 RWE-1 7 5/6 RWF-1 10 6/8	RWF-2 11.5 6/7 RWG-1 13.5 6/8	RWD-2 4/5
XV							RWD-1 9 4/5	RWD-2 9.5 4/5 RWE-1 7 5/6	RWF-1 8.5 5/7 RWG-1 11 5/7
XVI							RWD-1 9 4/5	RWD-2 9.5 4/5 RWE-1 6 4/5	RWF-1 8.5 5/7
XVII							RWD-1 9 4/5	RWD-2 8 3/4 RWF-1 7 4/6	RWG-1 9.5 4/6
XVIII								RWD-2 8 3/4 RWF-1 7 4/6	RWG-1 9.5 4/6
XIX								RWD-2 8 3/4	RWF-1 7 4/6

IMPULSE ENGINE TYPES

Engine Type	Total Mass (mt)	Power Units Available	Control Computer Required	Ship Classes Powered	SS Requirement	Availability	Cost (MCr)
RIA-1	188	1	R1M	I	0.1	RRR/44	10
RIA-2	188	2	R1M	I-II	0.1	RRR/42	17
RIA-3	188	3	R1M	I-II	0.1	RRR/40	26
RIB-1	263	2	R1M	II-VII	0.1	RRR/40	20
RIB-2	263	3	R1M	III-IX	0.1	RRR/37	30
RIB-3	263	5	R1M	IV-IX	0.1	RRR/34	48
RIC-1	505	1	R1M	II-V	0.1	RRR/35	21
RIC-2	505	4	R1M	IV-VIII	0.1	RRR/32	31
RIC-3	505	5	R1M	VIII-X	0.1	RRR/29	50
RIC-4	505	6	R1M	X-XIII	0.1	RRR/23	60
RID-1	700	4	R1M	VII-XIII	0.1	RRR/29	34
RID-2	700	8	R2M	VIII-XIII	0.1	RRR/26	62
RID-3	700	12	R2M	V-XIII	0.1	RRR/21	117
RIE-1	788	10	R2M	V-XIV	0.1	RRR/22	104
RIE-2	788	15	R3M	VII-XVII	0.1	RRR/18	151
RIE-3	788	20	R3M	X-XVIII	0.1	RRR/14	178
RIF-1	900	12	R3M	XII-XIX	0.1	RRI/12	122
RIF-2	900	18	R3M	XII-XIX	0.1	RRI/10	202
RIF-3	900	28	R4M	XIII-XIX	0.1	RRI/04	306

MOVEMENT POINT RATIO TABLE: IMPULSE ENGINES

Movement Point Ratios

Ship Class	1/3	1/2	1/1	2/1	3/1	4/1	5/1	6/1	7/1					
I	RIA-1 4 RIA-2 8.5	RIA-1 3 RIA-2 6 RIA-3 8.5	RIA-1 1.5 RIA-2 3 RIA-3 4											
II		RIA-2 6 RIA-3 8.5	RIA-2 3 RIA-3 4 RIB-1 3 RIC-1 1.5											
III			RIB-1 3 RIB-2 4 RIC-1 1.5	RIB-1 1.5 RIB-2 2 RIB-3 3.5 RIC-1 1										
IV				RIB-1 1.5 RIB-2 2 RIB-3 3.5	RIB-3 3.5 RIC-1 1	RIB-1 1 RIC-1 1								
V				RIB-1 1.5 RIB-2 2 RIB-3 3.5	RIC-2 2 RID-3 8.5	RIB-1 1 RIC-1 1 RIB-2 1.5 RIB-3 2.5	RIC-1 0.5 RIC-2 1.5 RIB-1 4.5							
VI				RIB-1 1.5 RIB-2 2 RIB-3 3.5	RIC-2 1 RID-3 8.5	RIB-1 1 RIB-2 1.5 RIB-3 2.5	RIC-2 1.5 RIB-1 4.5	RIB-1 0.5 RIB-3 2 RIC-2 1						
VII				RIB-1 1.5 RIB-2 2 RIC-2 2	RID-3 8.5	RIB-1 1 RIB-2 1.5 RIB-3 2.5	RIC-2 1.5 RID-1 4.5	RIB-1 0.5 RIB-3 2 RIC-2 1	RIE-1 3.5					
VIII						RIB-2 1.5 RIC-3 2.5 RID-1 2	RID-3 5.5	RIB-3 2 RIC-2 1 RIC-3 2	RIE-1 3.5 RIE-2 5					
IX						RIB-2 1.5 RIC-3 2.5 RID-1 2	RID-2 3.5 RID-3 5.5	RIC-3 1.5 RIE-1 3						
X						RIC-3 2.5 RIC-4 3 RID-2 3.5 RID-3 5.5	RID-3 4 RIE-1 3.5 RIE-2 6	RIC-3 1.5 RIC-4 4 RIB-1 1.5 RIE-1 3	RIE-2 4					
XI								RIC-4 1.5 RID-1 4 RID-2 2 RID-3 3.5	RIE-1 3 RIE-2 4 RIE-3 5.5					
XII								RIC-4 1.5 RID-1 1 RID-2 2 RID-3 3.5	RIE-1 3 RIE-2 4 RIE-3 5.5					
XIII								RIF-1 3.5 RIF-2 5 RIF-3 8	RID-2 2 RID-3 3.5 RIF-3 8	RIE-2 3.5 RIF-3 1 RID-2 2 RIF-1 3 RIF-2 2.5 RIF-3 4	RIC-4 1.5 RID-1 1 RIF-1 3 RIF-2 4			
XIV								RIF-1 3.5 RIF-2 5 RIF-3 8	RIF-1 1.5 RID-2 3	RIE-1 2.5 RIF-1 3 RIF-2 4	RIF-1 2.5 RIF-2 3.5 RIF-3 5.5			
XV								RIF-1 3.5 RIF-2 5 RIF-3 8	RIF-1 1.5 RID-2 3	RIE-2 3.5 RIF-3 5 RIF-1 3	RIF-2 4 RIF-3 6			
XVI										RIE-2 3 RIE-3 4 RIF-1 3	RIF-2 4 RIF-3 6	RIE-2 3 RIF-3 5.5		
XVII												RIE-2 3 RIE-3 4 RIF-1 2.5	RIF-2 3.5 RIF-3 5.5	
XVIII													RIF-1 2.5 RIF-2 3.5 RIF-3 5.5	RIF-3 5.5
XIX													RIF-1 2.5 RIF-2 3.5	RIF-3 5.5

SHIELD GENERATOR TYPES						
Shield Generator Type	Total Mass (mt)	Control Computer Requirement	Shield Efficiency Rating	SS Requirement	Availability	Cost (MCr)
RSA	105	R1M	1	0.2	LRL/35	3
RSB	145	R1M	1	0.3	LRL/33	5
RSC	205	R2M	2	0.9	LRL/22	10
RSD	170	R2M	1	0.5	LRL/32	6
RSE	235	R3M	2	1.1	LRL/21	15
RSF	330	R4M	3	1.9	LRL/15	19
RSG	230	R2M	1	0.7	LRL/29	8
RSH	320	R4M	2	1.4	LRL/20	18
RSI	450	R5M	3	2.0	LRL/12	25
RSJ	270	R3M	1	0.8	LRL/28	10
RSK	380	R4M	2	1.9	LRL/17	21
RSL	530	R6M	3	2.1	LRL/11	29
RSM	315	R3M	1	0.9	LRL/27	11
RSN	440	R5M	2	2.0	LRL/16	24
RSO	615	R6M	3	2.4	LRL/10	35

MAXIMUM SHIELD POWER															
Shield Types/Shield Point Ratios															
Ship Class	1/1						1/2					1/3			
	RSA	RSB	RSD	RSG	RSJ	RSM	RSC	RSE	RSH	RSK	RSN	RSF	RSI	RSL	RSO
I	5 7	9 13	12 17	15 21.5	15 21.5	15 21.5	12 8.5	14 10	15 10.5	15 10.5	15 10.5	15 7	15 7	15 7	15 7
II	5 7	8 11.5	10 14.5	14 20	15 21.5	15 21.5	10 7	13 9.5	15 10.5	15 10.5	15 10.5	15 7	15 7	15 7	15 7
III	5 7	7 10	9 13	14 20	15 21.5	15 21.5	8 5.5	12 8.5	14 10	15 10.5	15 10.5	13 6	15 7	15 7	15 7
IV	4 5.5	7 10	8 11.5	14 20	15 21.5	15 21.5	7 5	10 7	13 9.5	15 10.5	15 10.5	10 5	15 7	15 7	15 7
V	4 5.5	6 8.5	8 11.5	13 18.5	14 20	15 21.5	6 4	8 5.5	11 8	14 10	15 10.5	8 4	14 6.5	15 7	15 7
VI	3 4.5	5 7	7 10	13 18.5	14 20	15 21.5	5 3.5	8 5.5	11 8	14 10	15 10.5	8 4	14 6.5	15 7	15 7
VII	3 4.5	4 5.5	7 10	12 17	14 20	15 21.5	5 3.5	7 5	10 7	14 10	15 10.5	7 3.5	12 5.5	15 7	15 7
VIII	2 3	3 4.5	7 10	11 15.5	13 18.5	15 21.5	5 3.5	6 4	8 5.5	13 9.5	15 10.5	7 3.5	11 5	15 7	15 7
IX	1 1.5	2 3	6 8.5	10 14.5	13 18.5	15 21.5	4 3	5 3.5	6 4	13 9.5	15 10.5	6 3	11 5	14 6.5	15 7
X	1 1.5	1 1.5	6 8.5	9 13	13 18.5	15 21.5	3 2	5 3.5	6 4	12 8.5	15 10.5	6 3	10 5	14 6.5	15 7
XI	- -	1 1.5	5 7	7 10	12 17	13 18.5	2 1.5	4 3	5 3.5	12 8.5	15 10.5	5 2.5	8 4	13 6	15 7
XII	- -	- -	4 5.5	5 7	10 14.5	11 15.5	2 1.5	3 2	5 3.5	11 8	15 10.5	5 2.5	7 3.5	13 6	15 7
XIII	- -	- -	2 3	3 4.5	8 11.5	9 13	1 0.5	2 1.5	4 3	10 7	15 10.5	4 2	6 3	12 5.5	15 7
XIV	- -	- -	1 1.5	2 3	6 8.5	7 10	- -	1 0.5	3 2	8 5.5	13 9.5	4 2	5 2.5	11 5	15 7
XV	- -	- -	- -	1 1.5	3 4.5	5 7	- -	- -	3 2	7 5	10 7	4 2	5 2.5	10 5	15 7

BEAM WEAPON TYPE

Beam Weapon Type	Total Mass (mt)	Maximum Beam Power	Damage Modifiers			Maximum Range (hex)	Firing Chart	Weapon Damage Factor	SS Requirement (single/bank)	Availability	Cost (MCr)
			+3	+2	+1						
RB-1	200	2	N/A	N/A	N/A	10	G	0.5/0.8	0.5/0.8	RRI/46	45
RB-2	225	2	N/A	N/A	N/A	15	K	0.8/1.2	0.6/0.9	RRI/44	51
RB-2a	400	3	(1-4)	(5-9)	(10-14)	15	K	2.1/3.2	0.8/1.2	III/30	120
RB-3	600	6	N/A	N/A	(1-4)	4	A	0.8/1.2	0.3/0.5	RRI/40	135
RB-3a	750	6	(1-3)	(4-8)	(9-12)	12	L	3.7/5.6	0.7/1.0	III/38	165
RB-4	650	6	(1-2)	(3-6)	(7-10)	10	J	3.2/4.8	0.6/0.9	III/34	142
RB-5	750	5	(1-10)	(11-16)	(17-21)	21	V	4.7/7.1	1.5/2.3	III/18	168
RB-6	650	6	N/A	(1-18)	N/A	18	T	5.1/7.7	1.3/1.9	III/28	146
RB-7	500	4	N/A	(1-6)	(7-10)	10	J	2.3/3.5	0.6/0.9	III/35	100
RB-7a	675	4	(1-3)	(4-9)	(10-14)	14	M	3.0/4.5	0.9/1.2	III/18	150
RB-8	600	6	(1-4)	(5-9)	(10-13)	13	N	4.1/6.2	1.0/1.5	III/31	140
RB-9	700	6	(1-8)	(9-16)	(17-20)	20	W	6.5/9.8	1.5/2.3	III/24	162
RB-10	750	8	(1-8)	(9-16)	(17-20)	20	U	6.9/10.4	1.6/2.4	III/22	183
RB-11	850	9	(1-10)	(11-16)	(17-21)	21	V	7.9/11.9	1.8/2.8	III/16	210

MISSILE WEAPON TYPE

Missile Weapon Type	Total Mass (mt)	Power To Arm	Damage	Maximum Range (hex)	Firing Chart	Weapon Damage Factor	SS Requirement	Availability	Cost (MCr)
RP-1	135	1	6	8	F	1.5/2.3	0.8	III/36	34
RP-2	180	1	8	10	H	2.4/3.6	1.0	III/32	45
RP-3	225	1	10	14	Q	5.5/8.3	1.2	III/28	55

PLASMA WEAPON TYPE

Plasma Weapon Type	Total Mass (mt)	Power To Arm	Weapon Damage Chart	Maximum Range (hex)	Firing Chart	Weapon Damage Factor	SS Requirement	Availability	Cost (MCr)
RPL-1	120	10	RL-1	8	E	3.9/5.8	2.1	III/28	270
RPL-2	180	15	RL-2	14	M	11.1/16.6	3.4	III/24	500
RPL-3	150	8	RL-3	18	T	13.7/20.5	2.5	III/31	325