

STARSHIP DATABASE :

Data Update :

STAR FLEET REFERENCE: U.S.S. ARK ROYAL

(Adaptations for FASA's Star Trek Starship Combat Simulator Game.)
by Don W. Shanks

08

SHIP MODEL DATA:

Government: United Federation of Planets

Class Name: U.S.S. ARK ROYAL

Ship Class (size): IX

Hull Number Series: NCC-200

Ship Max Tonnage Range: 118,000 mt

Number Constructed: 40

Ship's Mission: Assault Frigate

Cost (Mcr): 482.60

HULL DATA:

Superstructure Points..... 38

Damage Chart..... C

Size:

Length..... 204.2 meters

Width..... 92.0 meters

Height..... 79.0 meters

Mass Displacement..... 88,527.5 mt

Cargo:

Cargo Units..... 200 SCU

Cargo Capacity..... 10,000 mt

Landing Capability..... None

EQUIPMENT DATA:

Control Computer Type..... M-1

Transporters:

Standard 6-person..... 2

Combat 20-person..... 1

Emergency 22-person..... 2

Cargo, Small..... 2

Cargo, Large..... 1

OTHER DATA:

Crew..... 203

Troops..... 10

Passengers..... 10

Shuttlecraft..... 2

ENGINES & POWER DATA:

Total Power Units Available..... 28

Movement Point Ratio..... 4 / 1

Warp Engine Type..... FWA - 2

Number..... 2

Power Units Available..... 8 each

Stress Chart..... J / M

Maximum Safe Cruising Speed..... Warp 6

Emergency Speed..... Warp 8

Impulse Engine Type..... FIF - 1

Power Units Available..... 12

Movement Point Ratio..... 2 / 1

WEAPONS & FIRING DATA:

Beam Weapon Type.....	FL - 6
Number.....	12 (12 banks of 1 each)
Firing Arcs.....	[2 F, 2 F/P, 2 F/S, 2 P, 2 S, 0 A/P, 0 A/S, 2 A.]
Firing Chart.....	H
Maximum Power.....	3
Range (Hexes).....	10
Damage Modifiers.....	[+2 (1-4), +1 (5-7)]
Missile Weapon Type.....	FAC - 3
Number.....	2
Firing Arcs.....	[0 F, 1 F/P, 1 F/S, 0 P, 0 S, 0 A/P, 0 A/S, 0 A.]
Firing Chart.....	G
Power to Arm.....	4
Damage.....	12
Range (Hexes).....	10

SHIELD DATA:

Deflector Shield Type.....	FSD
Shield Point Ratio.....	1 / 2
Maximum Shield Power.....	6

COMBAT EFFICIENCY:

WDF.....	20.8
D.....	103.34
CE.....	21.49

OTHER NOTES:

During a time of tight budgets, Star Fleet was forced to utilize *Daedalus* class cruisers as anything that could do the job. After the first contact with the Klingon Empire, Star Fleet went before the Federation Finance Committee asking for funds to build a new class of ships. For two years, the negotiations dragged on while occasional cross border raids were conducted by the Klingons. When a deal was struck to utilize at least fifty percent of the materials used in the construction of the *Daedalus* class, the new *Ark Royal* class of Assault Frigates was born.

The *Ark Royals* have lead a successful career in Starfleet service. It was the *U.S.S. Teruk* (NCC-213) that successfully defused a possible war between the Andorians and the Tellarites in 2198. In the year 2201, the *U.S.S. S'patu* (NCC-224) was the first Federation vessel to encounter the Tholians.

By the start of the Four Years War in 2242 with the Klingon Empire, fourteen *Ark Royals* would still be in Starfleet service. Seven would be lost as a result of combat in that conflict.

At Donatu V, the *U.S.S. Vanguard* & *U.S.S. La Fayette* (NCC- 203, 207 respectively), would be destroyed by six Klingon D-4 class cruisers. That action forced Starfleet to assigned the *Ark Royals* to convoy escort missions only. For the next three years, only five more would be destroyed. In the third year of the war, the *U.S.S. Ark Royal* (NCC-200) was reported to have disappeared into a wormhole. No other information as to her fate has ever been recorded.

The only two examples of this class are still around; located at the Fleet Museums of Memory Alpha, and at Luna. They are: the *U.S.S. Foch* (NCC-201) and the *U.S.S. Tripitz* (NCC- 232).

U.S.S. ARK ROYAL

Class: Frigate

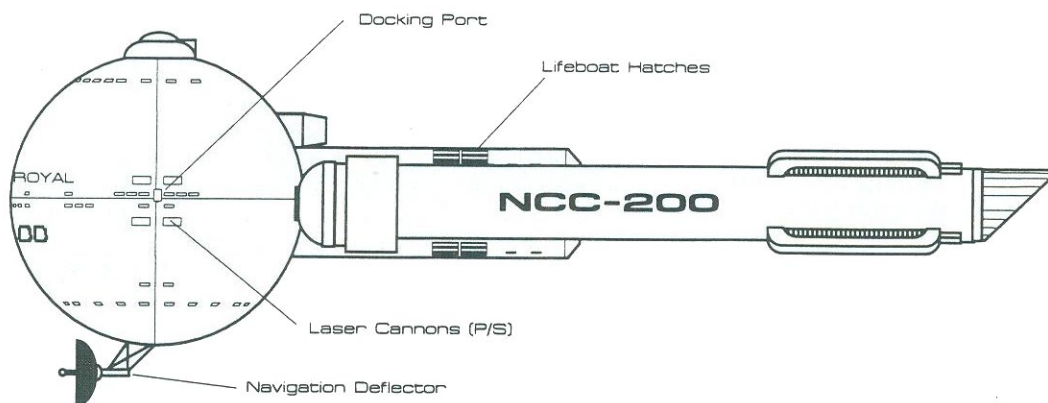
Meters

0

50

100

10

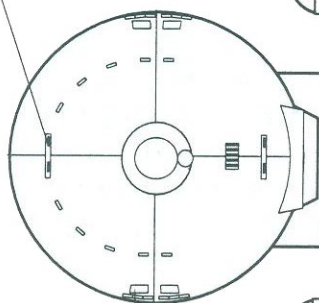


Side Profile

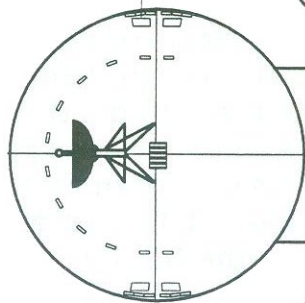
Top Profile

Length: 204.2 m
Width: 92.0 m
Height: 79.0 m

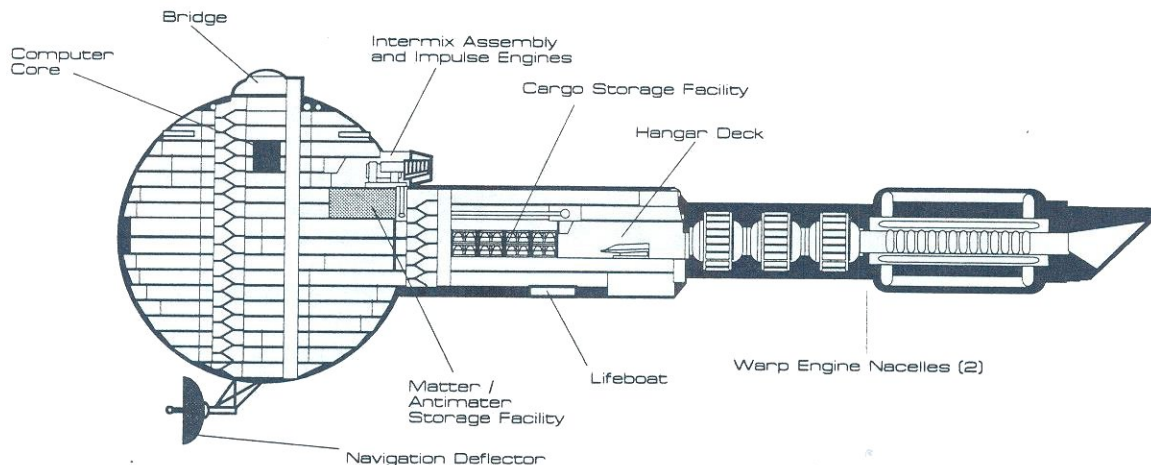
Missile Launchers



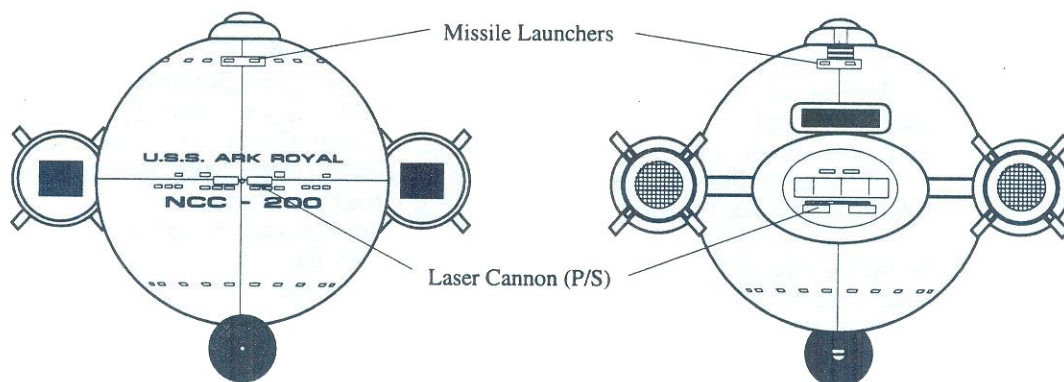
Laser Cannons (P/S)



Bottom Profile



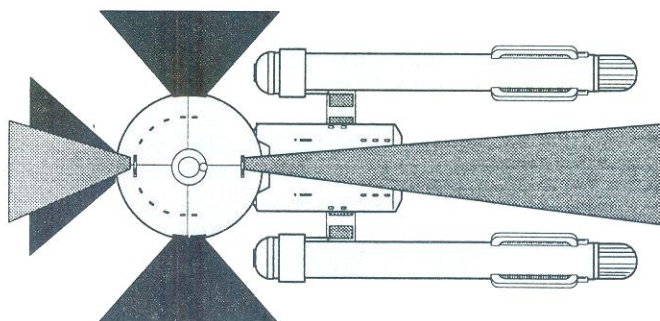
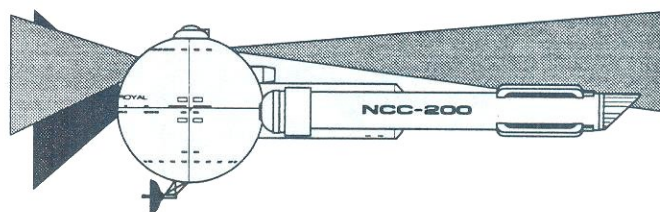
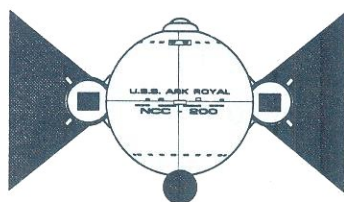
Cut--Away View



Bow Profile

Stern Profile

DISPLAY: Firing Arcs



■ Laser Cannon Firing Arcs.

▨ Missile Firing Arcs

Ship Statistics

Time Period: 4 Years War

Classification: Assault

Category: Frigate

Class: Ark Royal

Type: Class 1

Model: Mk-I

Naval Construction Contract:

200 - 240

Number Proposed: 40

Number Constructed: 40

Number In Service: 0

Number Lost: 8

Cost (MCr.): 482.6

Dimensions (Meters):

Overall Dimensions:

Length: 203.22 m

Width: 95.01 m

Height: 74.18 m

Displacement (Metric Tons):

Standard: 88,527.5

Full Load: 118,000

Performance:

Impulse Units: (2) SN Unified

Energy Field Units

Impulse Engine Output:

4.7×10^{11} w

Impulse Power Index: 1.46

Max Cruise: Speed of Light

Acceleration Rate:

0.00-0.25 Impulse: 0.167 sec.

0.25-0.50 Impulse: 0.239 sec.

0.50-0.75 Impulse: 0.312 sec.

0.75- Full Impulse: 0.384 sec.

Warp Units: (2) PB-18

Circumferential Warp

Drive Nacelle Units

Warp Engine Output:

$.9 \times 10^9$ w

[Old Speed Standard

Numerology]

Optimum Speed: Warp 4

Max. Safe Cruise: Warp 5

Emergency Speed: Warp 7

Max. Speed: Warp 7.6

Destructive Speed: Warp 8

Acceleration Times:

Onset - Warp 1: 1.393 sec.

Warp 1 - Warp 2: 0.161 sec.

Warp 2 - Warp 3: 0.247 sec.

Warp 3 - Warp 4: 0.323 sec.

Warp 4 - Warp 5: 0.469 sec.

Warp 5 - Warp 6: 0.503 sec.

Warp 6 - Warp 7: 0.647 sec.

Warp 7 - Warp 8: 0.783 sec.

Warp 8 - Warp 9: 0.000 sec.

Warp 9 - Warp 10: 0.000 sec.

Warp 10 - Warp 11: 0.000 sec.

Warp 12 - Warp 14: 0.000 sec.

Warp 14 - Warp 15: 0.000 sec.

Duration (Years):

Standard: 2 Years

Maximum: 4 Years

Std. Ships Complement: 203

Officers: 33

Crew: 170

Troops: 30

Passengers: 10

Emergency Condition: +243

Medical Facilities:

Doctors: 2

Nurses: 6

Operating Rooms: 2

Beds: 10

Laboratories: 4

Transporters Total: 8

6 Person: 2

12 Person: 1

22 Person: 2

Sm. Cargo: 2

Med. Cargo: 0

Large Cargo: 1

Brigs: 4

Tractor Beams: 1

Cargo Specification:

Std. Cargo Units: 200

Cargo Capacity: 10,000 mt

Shuttlecraft Specifications:

Docking Ports: 2

Shuttlecraft Bays Total: 1

Sm. Bay: 0

Med. Bay: 1

Lg Bay: 0

Super Bay: 0

Shuttlecraft Standard: 2

Work Pods: 0

Travel Pods: 0

Aquatic Shuttle: 0

Light Shuttle: 0

Std. Shuttle: 1

Hvy. Shuttle: 0

Cargo Shuttle: 0

Assault Shuttle: 1

Fighter: 0

Hvy. Fighter: 0

Lifeboats: 10

Cloaking Devices: 0

Sensor Index Values:

Planetary Survey: 0.820

Stellar Survey: 0.97

Short Range: 1.03

Long Range: 1.046

Navigation: 0.891

Special: 0.87

Computers: 1

Type: M-1

ECM Index: 1.12

Shield Rating:

Shield Index: 1.012

Holdoff Power: 4.34×10^9 w

Refresh Rate: 0.33×10^9 w

Breakdown Rate: 0.90×10^9 w

Shield Dimensions:

Length: 406.44 m

Width: 190.02 m

Height: 148.36 m

Weapons:

Energy Beam Wpn Index: 2.4

Missile Wpn Index: 2.0

Weapon Placement:

Total Beam Wpn: 12 banks of 1 each.

Output: 3.0×10^{10} wRange: 6.0×10^6 km

Rate of Fire: 10 ppm/ Cont.

Fwd Banks: 2

Aft Banks: 2

Port Banks: 4

Stbr. Banks: 4

Dorsal Banks: 0

Ventral Banks: 0

Total Missile Wpn: 2 banks of 2 each.

Stock: 40

Range: 6.0×10^6 km

Output: 5 to 30 Megatons

Rate of Fire: 6 per minute

Fwd Banks: 1

Aft Banks: 1

Port Banks: 0

Stbr. Banks: 0

Dorsal Banks: 0

Ventral Banks: 0

Ship Names & NCC Numbers

ALL NAMES PROCEEDED WITH THE PREFIX U.S.S.

For: Ark Royal class.

Ark Royal	NCC - 200	Lost	Oriskany	NCC - 220	
Foch	NCC - 201	Museum	Garibaldi	NCC - 221	
Ajax	NCC - 202		Buran	NCC - 222	Lost
Vanguard	NCC - 203	Lost	Energina	NCC - 223	
Leyte	NCC - 204		S'patu	NCC - 224	
Atlantis	NCC - 205		Suy-tuki	NCC - 225	
Akagi	NCC - 206		Kitty Hawk	NCC - 226	
La Fayette	NCC - 207	Lost	Zuorestal	NCC - 227	
Shangri-La	NCC - 208		Sagittaire	NCC - 228	Lost
Clemenceau	NCC - 209		Thor	NCC - 229	
Midway	NCC - 210		Hancock	NCC - 230	
Hatsuyuki	NCC - 211	Lost	Wasp	NCC - 231	
Saratoga	NCC - 212		Triptiz	NCC - 232	Museum
Teruk	NCC - 213		Normandy	NCC - 233	
Massnitz	NCC - 214		Kraburi	NCC - 234	
Shikishima	NCC - 215		Perth	NCC - 235	Lost
Chishio	NCC - 216		Halifax	NCC - 236	
Nimitz	NCC - 217		Brandenburg	NCC - 237	
Roosevelt	NCC - 218		Oowoomba	NCC - 238	Lost
Bergen	NCC - 219		Vincennes	NCC - 239	

Cancelled means hull was never built. Name and number reassigned.

Blank means ship was scrapped.