

Hydraulic System (Orange)

ID	Actuator	Number
1	Nose Retract	1
2	Nose Steering	1
3	Flow Deflector	2
4	LE Flap	6
5	Main Retract	2
6	Brakes	4
7	MPRL Rotate	2
8	TE Flap	4
9	Aileron	4
10	Engine Driven Pump	4
11	APU Driven Pump	2
12	Horizontal	2
13	Rudder	4
14	Thrust Reverser	4

Electrical System (Blue)

ID	Component	Number
15	RADAR	1
16	Avionics	
17	Systems	1
18	Deicing Boot	2
19	PTO driven Generator	2
20	APU driven Generator	1

Fuel System (Red)

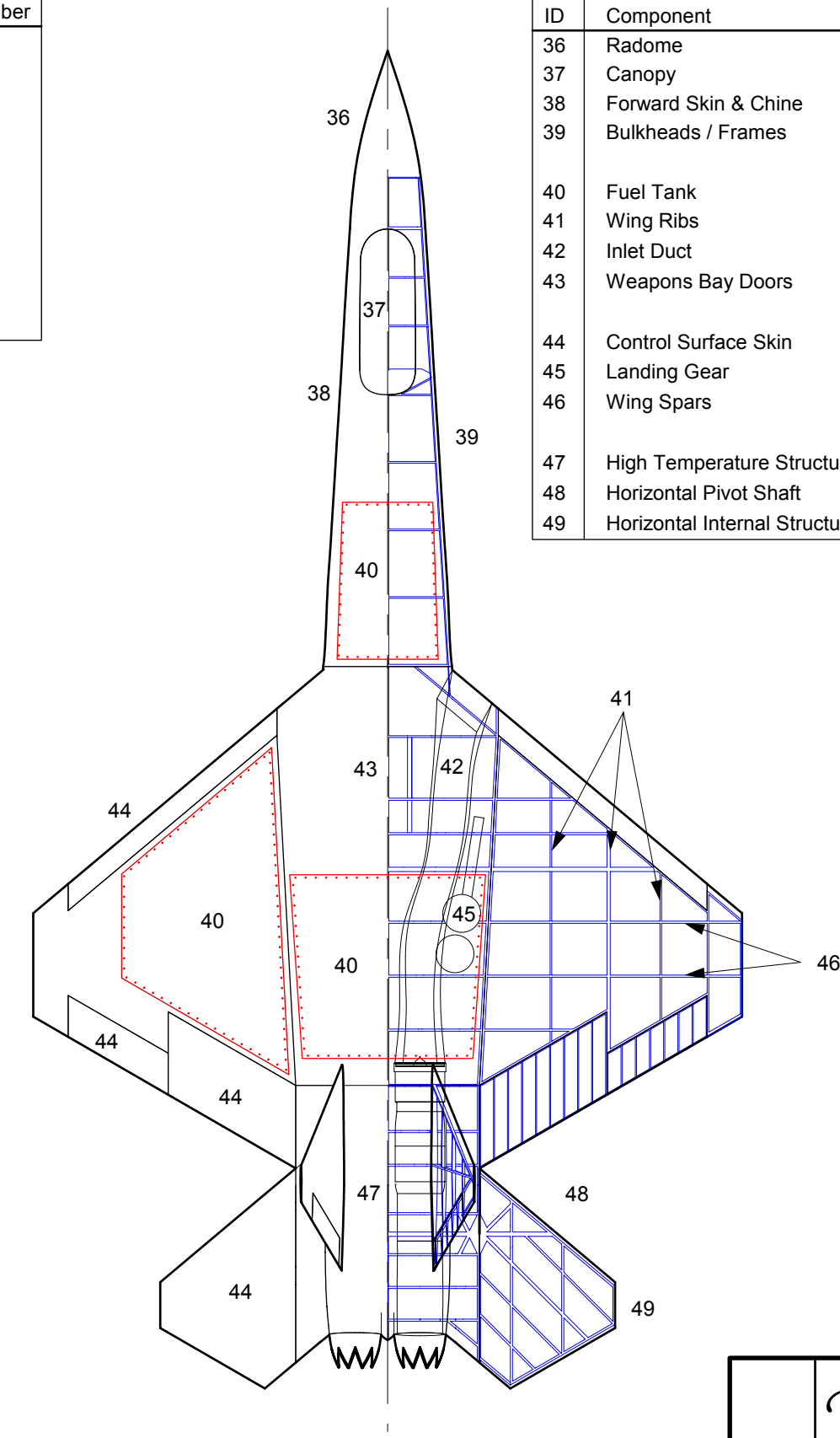
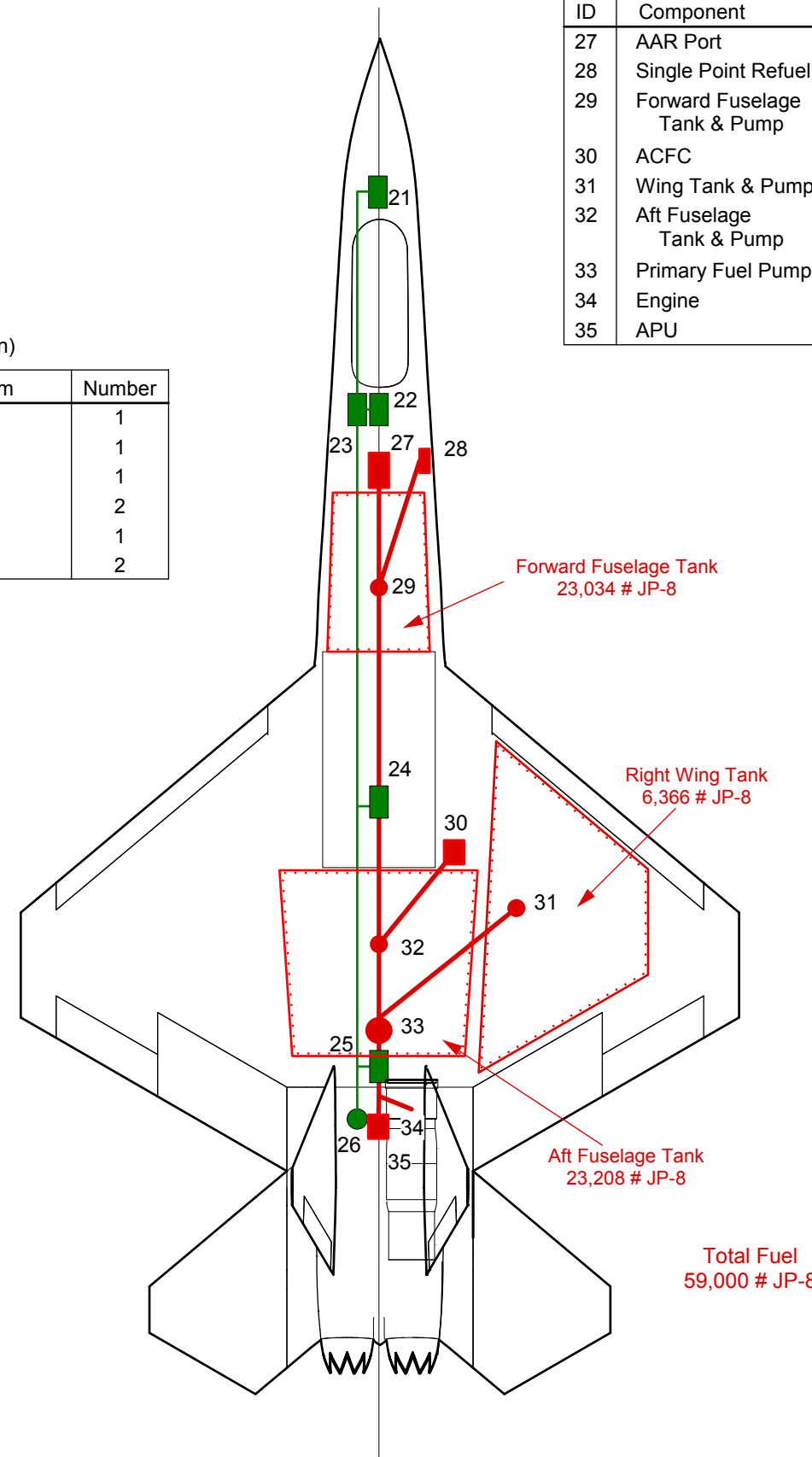
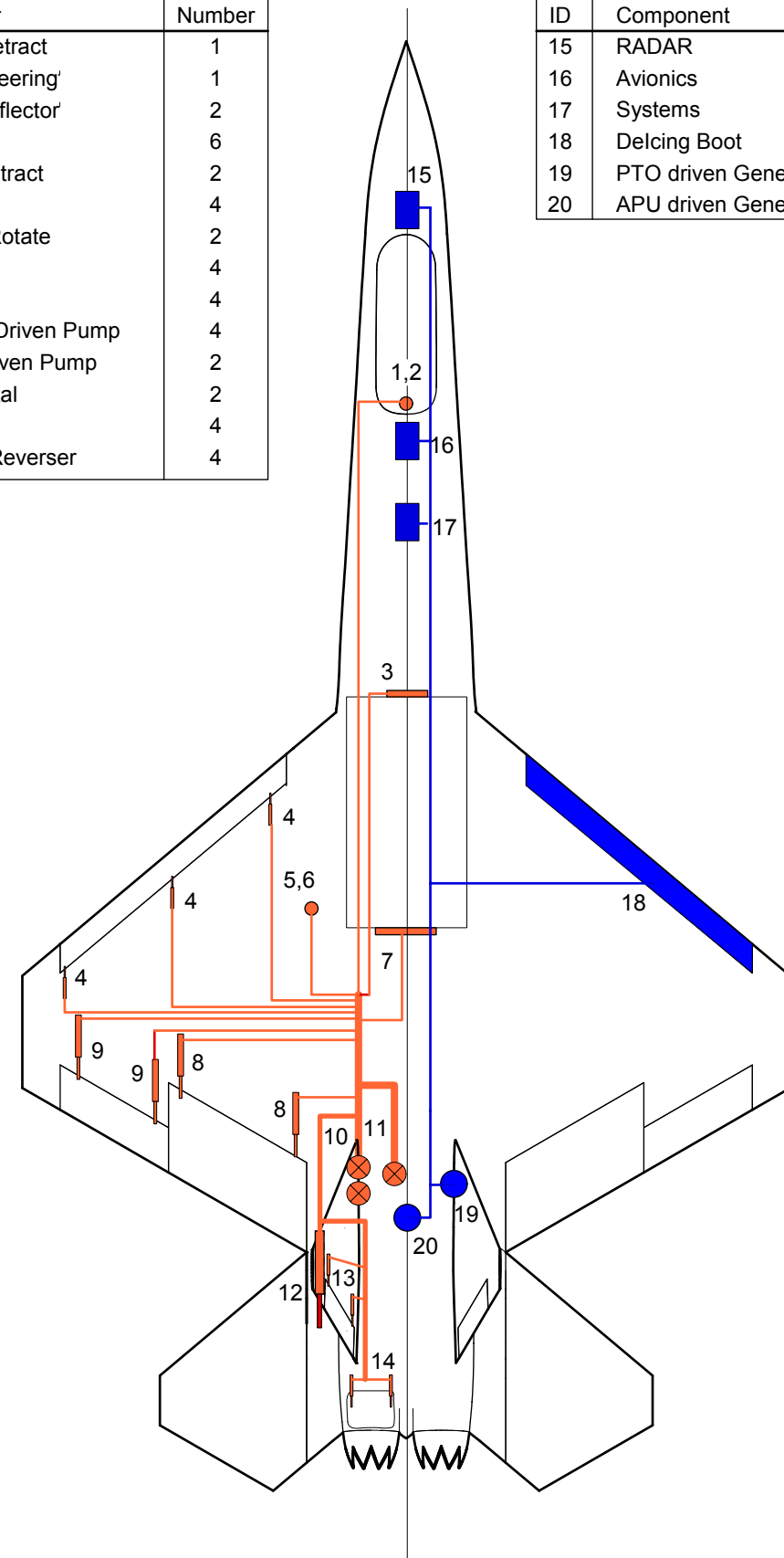
ID	Component	Number
27	AAR Port	1
28	Single Point Refueling	1
29	Forward Fuselage Tank & Pump	1
30	ACFC	2
31	Wing Tank & Pump	2
32	Aft Fuselage Tank & Pump	1
33	Primary Fuel Pump	2
34	Engine	2
35	APU	1

Pneumatic System (Green)

ID	Pneumatic System	Number
21	Avionics Cooling	1
22	OBIGGS	1
23	Pressurization	1
24	LAU-142A	2
25	PHX	1
26	Engine Bleed	2

Materials Selection

ID	Component	Material
36	Radome	Composite
37	Canopy	Polycarbonate
38	Forward Skin & Chine	Composite & Titanium
39	Bulkheads / Frames	Resin transfer, Molded Composite Aluminum, Titanium
40	Fuel Tank	Resin Transfer, Molded Composite
41	Wing Ribs	Resin Transfer, Molded Composite
42	Inlet Duct	Composite
43	Weapons Bay Doors	Thermoplastic Skin, Resin Transfer Molded Composite Stiffeners
44	Control Surface Skin	Composite
45	Landing Gear	Titanium, Steel Alloy
46	Wing Spars	Titanium, Resin Transfer Molded Composite
47	High Temperature Structure	Titanium
48	Horizontal Pivot Shaft	Carbon Composite
49	Horizontal Internal Structure	Aluminum



<h1 style="margin: 0;">Vendetta</h1>		Foldout 4 Systems and Material Selection	
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