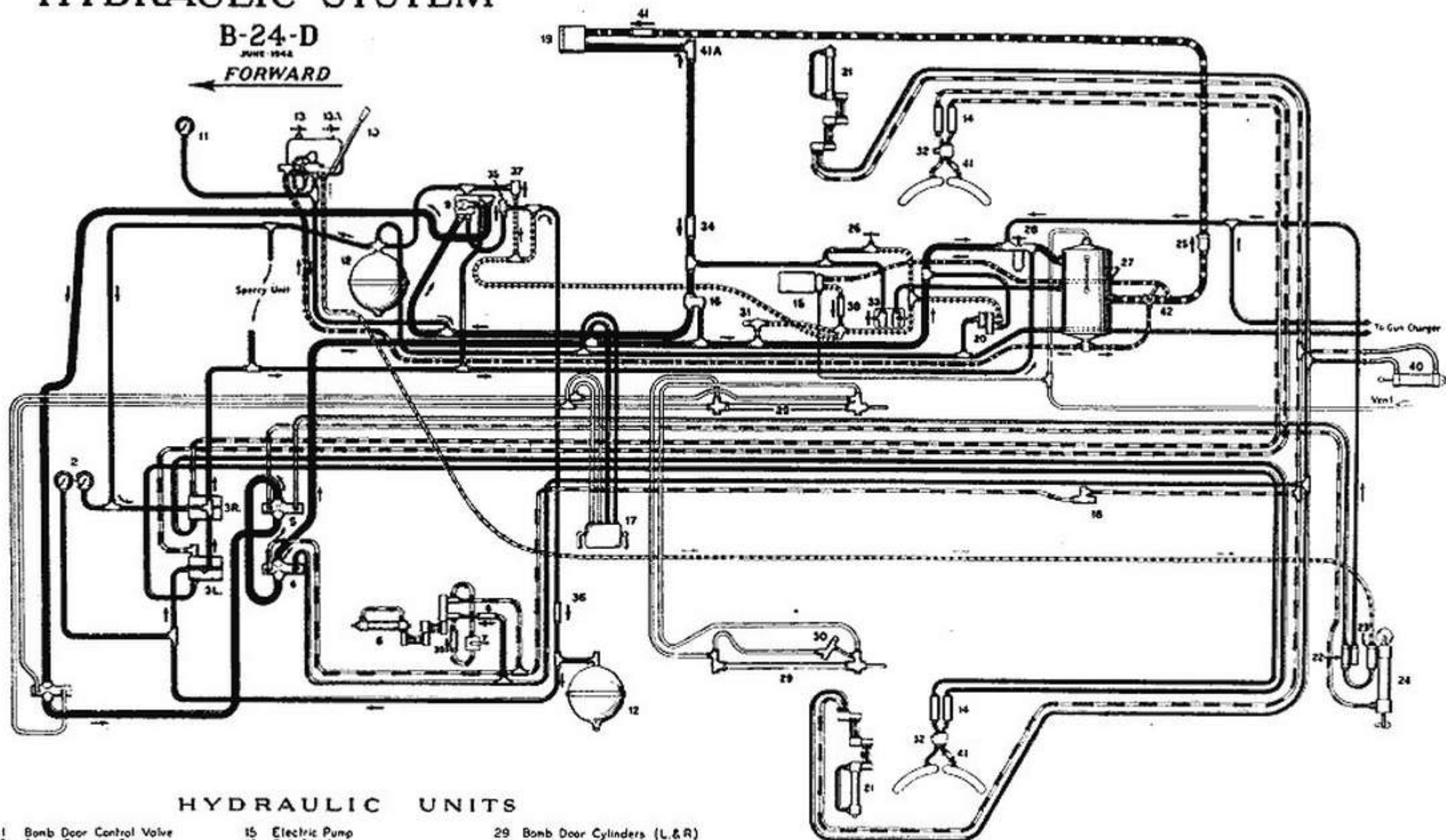


HYDRAULIC SYSTEM

B-24-D

JUNE 1944

← FORWARD



HYDRAULIC UNITS

- | | | |
|--------------------------------|--|---------------------------------|
| 1 Bomb Door Control Valve | 15 Electric Pump | 29 Bomb Door Cylinders (L.&R) |
| 2 Brake Pressure Gages | 16 Relief Valve | 30 Relief Valve |
| 3 Brake Control Valves (L.&R.) | 17 Bomb Door Emergency & Utility Control Valve | 31 Relief Valve |
| 4 Landing Gear Control Valve | 18 Main Landing Gear Restrictor | 32 Brake Bleeder Valve |
| 5 Flap Control Valve | 19 Engine Driven Pump | 33 Test Stand |
| 6 Nose Wheel Cylinder | 20 Pressure Switch | 34 Engine Pump Check Valve |
| 7 Nose Wheel Dump Valve | 21 Landing Gear Cylinder (L.&R) | 35 Check Valve |
| 8 Nose Wheel Restrictor | 22 Relief Valve | 36 L. Accumulator Check Valve |
| 9 Unloading Valve | 23 Shuttle Valve | 37 R. Accumulator Check Valve |
| 10 Hand Pump | 24 Flap Cylinder | 38 Auxiliary Pump Check Valve |
| 11 Hydraulic Pressure G | 25 Suction Line Check Valve | 39 Nose Wheel Cylinder |
| 12 Accumulators (L.&R) | 26 Emergency Shut Off Valve | 40 Tail Skid Operating Cylinder |
| 13 Emergency Pump Valve | 27 Fluid Reservoir | 41 Automatic Seal Coupling |
| 13A Emergency Flap Valve | 28 Filter | 41A Automatic Seal Coupling |
| 14 Brake Deboosters (L.&R) | | 42 Suction Valve |

LEGEND

- | | |
|--------------------|---------------------|
| MAIN PRESSURE | LANDING GEAR DOWN |
| AUXILIARY PRESSURE | LANDING GEAR UP |
| EMERGENCY PRESSURE | FLAP DOWN |
| RETURN | FLAP EMERGENCY DOWN |
| SUCTION | FLAP UP |
| SUCTION | BRAKES LEFT |
| BOMB DOOR OPEN | BRAKES RIGHT |
| BOMB DOOR CLOSED | |

