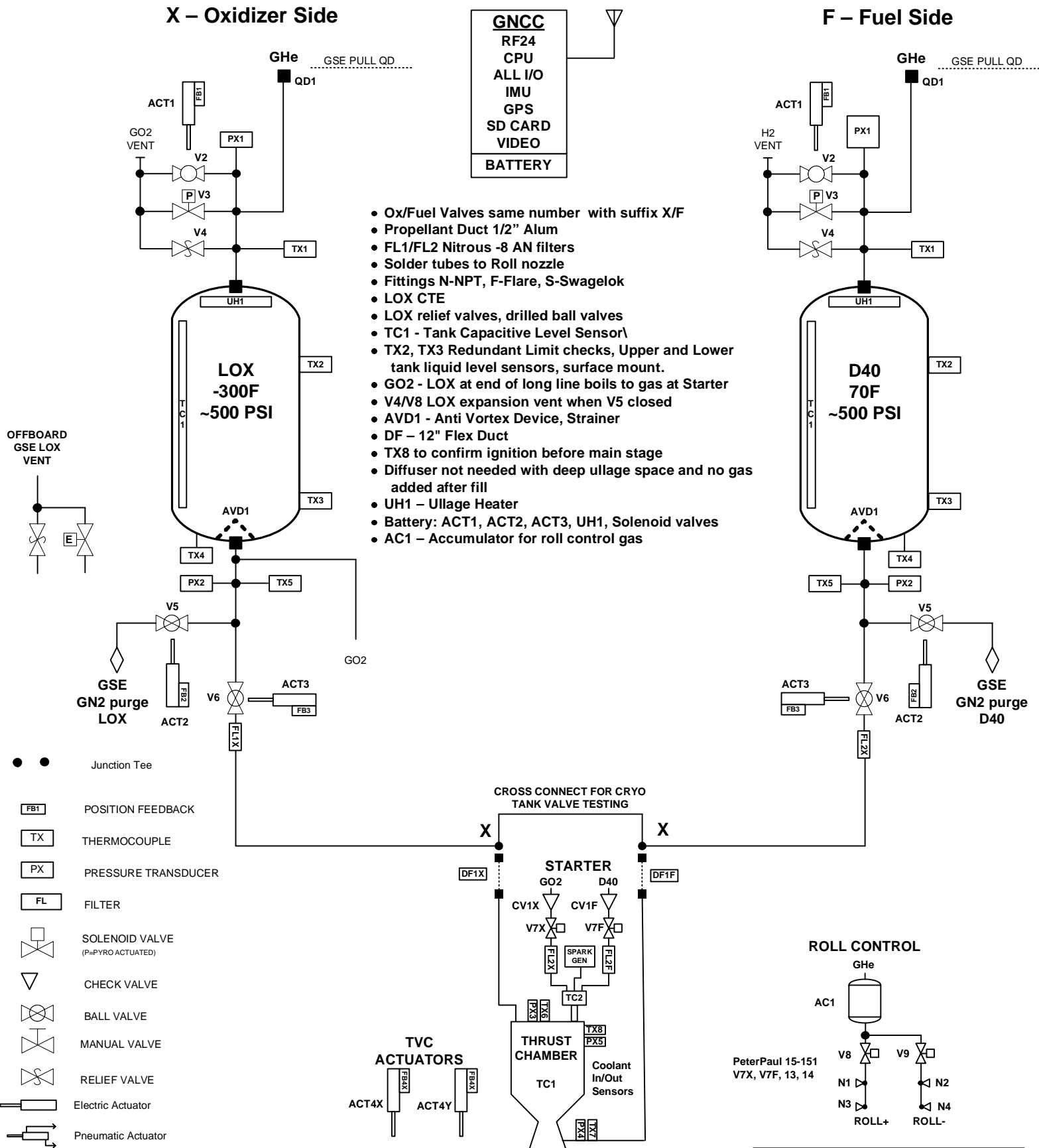


PEAK - ROCKET TO SPACE

X - Oxidizer Side

F - Fuel Side



- Ox/Fuel Valves same number with suffix X/F
- Propellant Duct 1/2" Alum
- FL1/FL2 Nitrous -8 AN filters
- Solder tubes to Roll nozzle
- Fittings N-NPT, F-Flare, S-Swagelok
- LOX CTE
- LOX relief valves, drilled ball valves
- TC1 - Tank Capacitive Level Sensor\
- TX2, TX3 Redundant Limit checks, Upper and Lower tank liquid level sensors, surface mount.
- GO2 - LOX at end of long line boils to gas at Starter
- V4/V8 LOX expansion vent when V5 closed
- AVD1 - Anti Vortex Device, Strainer
- DF - 12" Flex Duct
- TX8 to confirm ignition before main stage
- Diffuser not needed with deep ullage space and no gas added after fill
- UH1 - Ullage Heater
- Battery: ACT1, ACT2, ACT3, UH1, Solenoid valves
- AC1 - Accumulator for roll control gas

TVC ACTUATORS

ROLL CONTROL

PEAK BLOW DOWN

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