AA284 Team A - LOx/LCH4 Rocket

Propellant Feed System P&ID

Flow Controls

HV	Hand Valve (Tank Valve)
BV	Ball Valve
NV	Needle Valve
CK	Check Valve
OR	Orifice/Venturi
PR	Pressure Relief Valve
RG	Pressure Regulator

Instruments

TT	Temperature Transducer
PT	Pressure Transducer
SC	Scale

Flowpaths

▬▬	Flex Hose (Fuel color)
▬▬	0.5"-0.035" Tube (Ox color)

Diagram labels:

PRO1, HVO1, O_2 Run, SC, $O_2(L)$, PRO2, CKN1, Main Injector, BVO1, TT O1, PT O1, ORO1, PT O2, BVO2, CKO1, Main Combustion Chamber

HVF1, Manifold, PRF1, ORF1, CKN4, BVF1, TT F1, PT F1, PT F2, BVF2, CKF1, HVF2, NVF1, BVF3, CKF2, Igniter, HVF3

HVO2, RGO1, TT O2, NVO1, BV03, CKO2, PT CC, PT O3, CKN2, CKN3, CKN5

$CH_4(G)$, $CH_4(G)$, $CH_4(G)$, $O_2(G)$, HVN1, RGN1, BVN1, BVN2, $N_2(G)$

No	Date	Class Rev	Description	DWN	VER	CHKD	SUB	APP

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