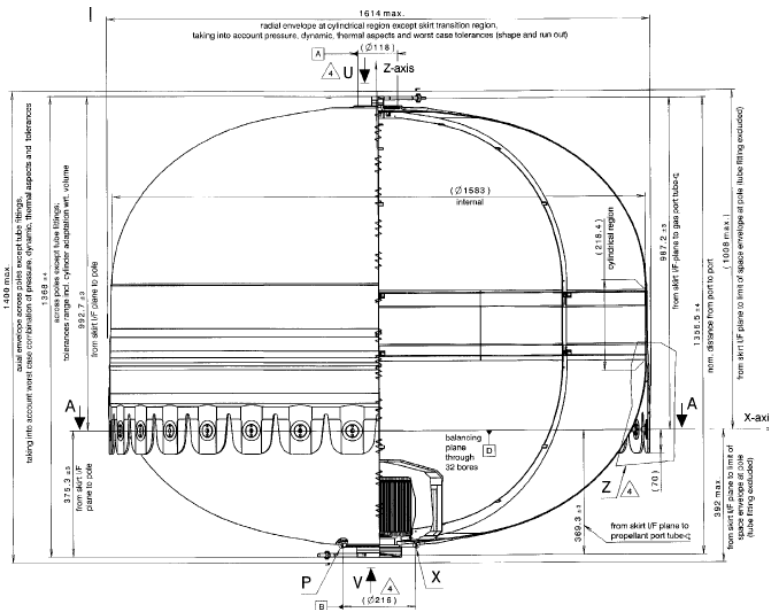


# PTP-1910

## Bi-propellant PMD Tank - PMD Airbus Design (Heritage – not for sale)



\* Maximum Expected Operating Pressure

Heritage		Alphabus
<b>Fluids</b>		MMH / MON
<b>Pressurant Gas</b>		He
<b>Propellant Management</b>		PMD
<b>Materials</b>	<b>Shell</b>	Ti-6Al-4V / Ti-15-3-3-3
	<b>Tube</b>	Ti-3Al-2.5V
	<b>PMD</b>	Ti-6Al-4V
<b>Overwrap</b>		Epoxy-based CFRP / T800
<b>Mounting interface</b>		equatorial skirt
<b>Total Volume</b>	1.910 l	116.555 in <sup>3</sup>
<b>Temperature Range</b>	-40 / + 65°C	-6,2 / +149 °F
<b>Tank Dry Mass</b>	85,0 kg	187,4 lbs
<b>Diameter</b>	1.610,0 mm	63,39 in
<b>Length</b>	1.368,0 mm	53,86 in
<b>MEOP*</b>	24,5 bar	355 psi
<b>Proof pressure (x 1,25)</b>	30,6 bar	444 psi
<b>Burst pressure (x 1,50)</b>	36,8 bar	533 psi
<b>Burst pressure tested</b>	bar	psi

