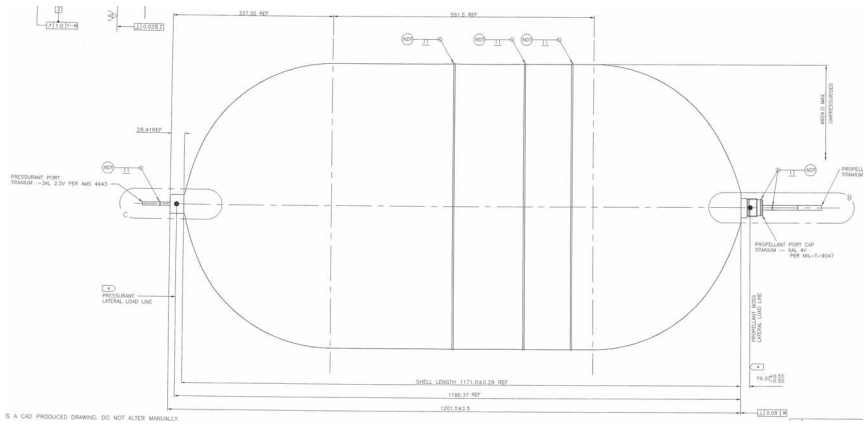
PTP-267

Bi-propellant PMD Tank - (Build-to-Print)
Airbus Full Design Authority

MT AEROSPACE
An OHB Company



Heritage		Eurostar 2000+ & 3000
Fluids		MMH, N_2O_4
Pressurant Gas		He
Propellant Management		PMD
Materials	**Shell**	Ti-6Al-4V
	Tube	Ti-3Al-2.5V
	PMD	Ti-6Al-4V
Mounting interface		polar

Total Volume	267 l	16.293 in³
Temperature Range	0 / +50 °C	+32 / +122 °F
Tank Dry Mass	13,5 kg	29,76 lbs
Diameter	604 mm	23,78 in
Length	1171 mm	46,10 in

MEOP*	20,0 bar	290 psi
Proof pressure (x 1,31)	26,2 bar	380 psi
Burst pressure (x 1,50)	30,0 bar	435 psi
Burst pressure tested (19°C)	40,5 bar	587 psi

*** Maximum Expected Operating Pressure**

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