

<b>TANK TYPE</b> WRAP	<b>MOUNT</b> POLAR	<b>LOCATION</b>	<b>PMD DEVICE</b> NONE
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Part Number 80410-1

SIZE:

	<b>Stress</b>	<b>Fracture</b>
Analysis	o	o

**ISO 9001 (1994) REGISTERED**

APPLICABLE DOCUMENTS	
Traceability	60-000042
Powder Blast	65-000030
Ti Compatible Shop Materials	65-000048
Fusion Welding, TIG	90-000003
Radiographic Acceptance STD	90-000004
Radiographic Inspection	90-000006
Pre-Weld Cleaning	90-000022
Identification	90-000047
Electrochemical Etch	90-000049
Heat Treat	90-000082
Closed Die Forging	90-000083
Penetrant Insp, F/C	90-000086
Pre-Penetrant Etch, F/C	90-000088
Radiographic, F/C	90-000103
Weld, EB	AMS 2681
Ultrasonic Insp, Class AA	MIL-STD-2154
Acceptance Test	
Configuration Management Plan	
Contamination Control Plan	
Fracture Control Plan	
Manufacturing Flow Plan	
QA Program Plan	
Weld Qual Procedure	
Weld Qual Report	
Cleaning	CPP

TANK CHARACTERISTICS			
Operating Pressure, psig	_____	Total Volume, ci	_____
Proof Pressure, psig	_____	Prop Volume, ci	_____
Cryo Proof, psig	NA	Max Design Wt, lbs	_____
Burst Pressure, psig	_____	Minimum Wall, inch	_____

ACCEPTANCE ENVIRONMENTAL TESTS	

PROGRAM INFORMATION	
Program	KISTLER
Customer	Aerojet
Customer P/N	
Original Job No.	
Customer Installed Device	No
Customer Controlled Design	Yes

FORGINGS		
<b>FORGINGS P/N</b>	<b>SUPPLIER</b>	<b>Die No</b>
80-410061-1	ARCTURUS	3815
<b>RING FORGING</b>	<b>RING SIZE, (Rough Machined)</b>	

TUBE TYPE AND SIZE	
<b>TRANSITION</b>	<b>SIZE</b>

COMPOSITE MATERIAL		
<b>WRAP</b>	<b>LINER</b>	
NA	Aluminum	o
	Steel	o
	Titanium	x

