

Test series	A	Test number	1
Filename	10062016	14 16 43	A01 A01 DRY RUN
Sensitivity (mV/g)	97.8	FSO	$\pm 10V$
Sample rate	400k	Samples to read	100k.
Cabling	Sensor-connector white 10-32	Connector-coupler 10m BNC	Coupler-DAQ 1m BNC
Gain	5		
Set-up notes	(Range 10V): 20.45 Tangent		
Material	6061 Al Sheet Annealed.		
Part description	25-50-75 1 Pass.		
Notes	Dry run no contact no coolant ON		

Test series	A	Test number	2
Filename			
Sensitivity (mV/g)	As BEFORE ^{FSO}		
Sample rate		Samples to read	
Cabling	Sensor-connector	Connector-coupler	Coupler-DAQ
Gain	5 → 15 after initially no signal.		
Set-up notes	Tangent.		
Material	6061		
Part description	25 - 50 - 75 single pass		
Notes	<p><u>Part formed</u></p> <p>Part broke at c. 14:30 hrs.</p> <p>Recording stopped soon after although program ran in full.</p>		

Test series	A	Test number	4
Filename			
Sensitivity (mV/g)		FSO	
Sample rate		Samples to read	
Cabling	Sensor-connector	Connector-coupler	Coupler-DAQ
Gain	10 15		
Set-up notes	Radial on bracket.		
Material	6061		
Part description			
Notes	<p>Start recording 15:20:28</p> <p>Start 15 23 48</p> <p>Break 27 45 @ 660 mils.</p> <p>Noise occurring circa mid-high perhaps related to tailstock not spinning @ full speed.</p>		

} As
for
A
series

3rd stage of deformation
 186.7s : 263.8s (in acoustic signal)

SINUCOM ?

or possibly just
 an unknown noise
 from X3 sliders or
 something.

Test series	A1	Test number	3
Filename	A3 & A3		
Sensitivity (mV/g)		FSO	
Sample rate		Samples to read	
Cabling	Sensor-connector	Connector-coupler	Coupler-DAQ
Gain	20		
Set-up notes	Tangent		
Material	0061 Al		
Part description	25-50-75		
Notes	Start recording @ 15:04:07 SINUCOM & SIG EXPR. Start @ Break @ 15:08:29. End @ 19:09:50 (roughly).		

} A kept for A series

SINUCOM

SAVED

