

**Title** 300 Series Frames

**DWG #** 9300000

**Material** Mainly 6061-T6 Aluminum

**Size** Varies

**Scale** 1:16

**DRAWN** NAME MRB DATE 2008.11.21

**simcraft**<sup>TM</sup>

UNLESS OTHERWISE SPECIFIED  
DIMENSIONS ARE IN INCHES  
Tolerances on:  
2 Decimals 0.010 3Decimals 0.005 Angles 5deg  
Surface finish 63/ or better  
remove burrs and break sharp edges

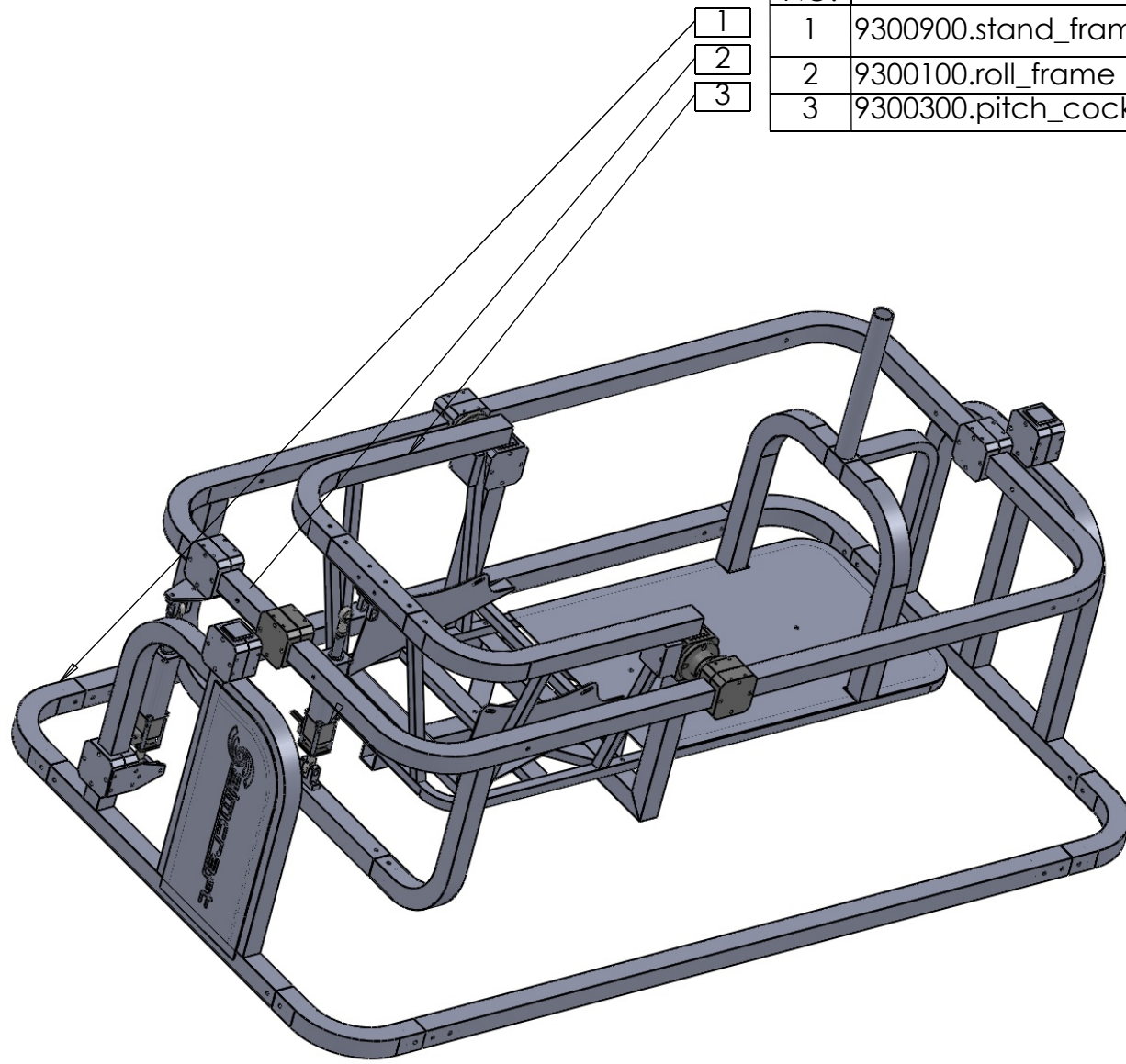
**1705 Enterprise Way  
Suite 102  
Marietta, GA 30067**

877.SimCraft (746.2723)  
[www.SimCraft.com](http://www.SimCraft.com)



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ITEM NO.	PART NUMBER	DESCRIPTION	Default/ QTY.
1	9300900.stand_frame	Base Stand Frame ASSY	1
2	9300100.roll_frame	Roll Frame ASSY	1
3	9300300.pitch_cockpit	Pitch Cockpit ASSY	1



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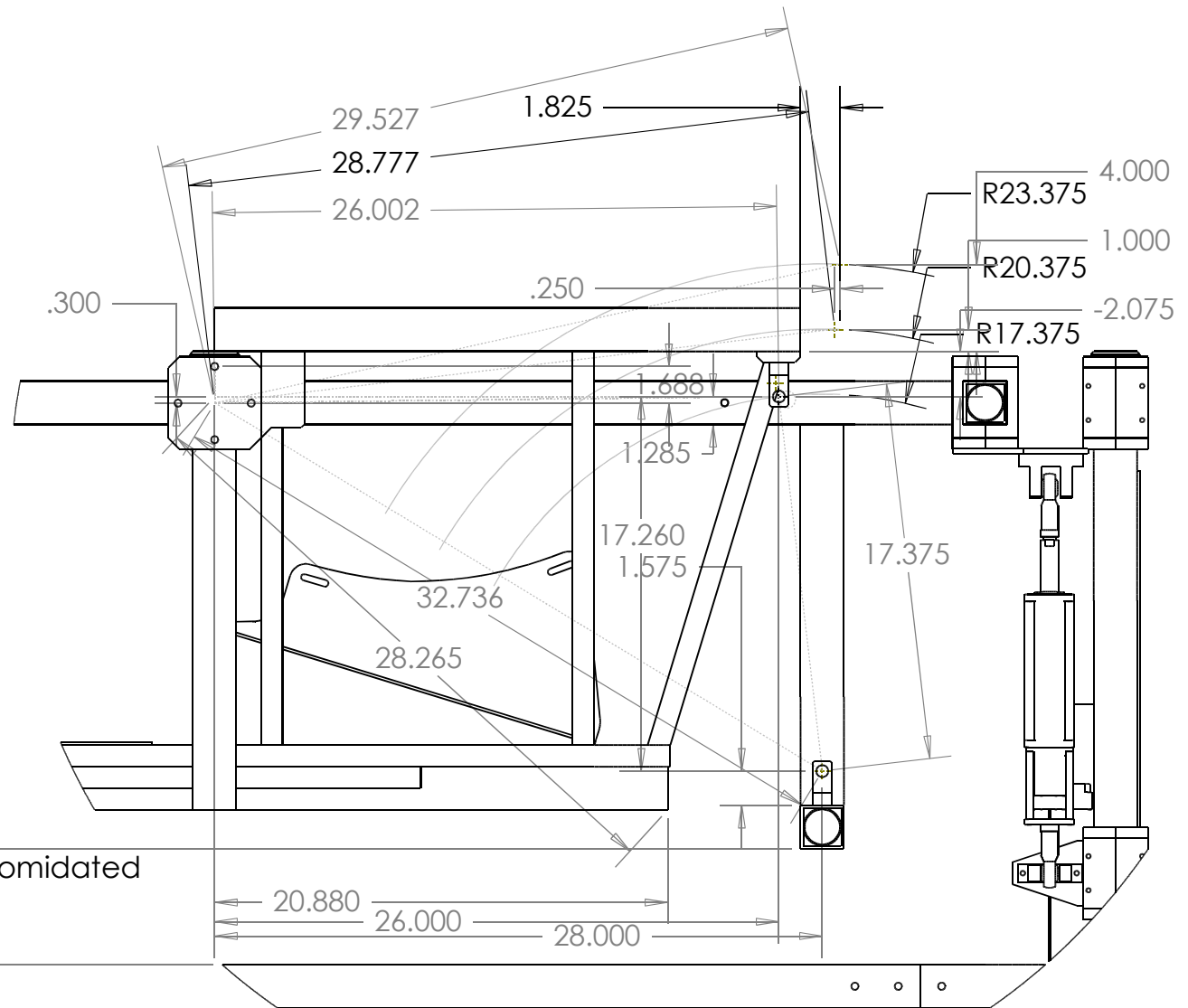
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# Pitch Analysis

ACT #	Stroke Length	Radius	Pitch Range	$ATan(\frac{\text{stroke}}{\text{radius}})$
2	100mm 3.92"	660mm 26.002"	9	8.651°
3	150mm 5.88"	730mm 28.777"	12	11.611°
4	200mm 7.84"	750mm 29.527"	15	14.931°



**Title** 300 Series Frames

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Scale 1:8

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