

# Quindos Measuring Report



3D-Application Center

Description	SUPPORT, FLIGHT TUB	Customer	R. ATKINSON
Drawing Number	PF-391-228-21 R0	Serial Number	001
Remarks		Article Number	
Supplier	MFD	Delivery Date	
Delivery Note		Delivery Volume	
Lot Number		Lot Size	
Test Schedule		Sample Size	
Production Machine		Production Tool	
Production Date		Production Time	
Order	24402-20	Department	MET. QUALITY INSPEC
Inspector	kcaban	Inspection Date	17-FEB-2009, 09:12:00
Measuring Device	PMM 12 10 6 #496	Measuring Program	Quindos7 - V 7.1.9005-R-
User Name	kcaban	WKP Name	PF39122821

Text	Eval.	Actual	Nominal	Up.To1.	Low.To1.	Act-Nom	Graphic
DAT\$PLA_A		PLA					
FORM		0.00178	0.00000	0.00200	0.00000	0.00178	
DAT\$CIR_B		CIR					
DM		5.04126	5.04000	0.00500	0.00000	0.00126	
DAT\$CIR_B(1)		CIR					
DM		0.31440	0.31300	0.00500	-0.00500	0.00140	
DIA_4P830		CIR					
DM		4.82966	4.83000	0.00500	-0.00500	-0.00034	
POS_4P830		POI					
POSITN		0.00035	0.00000	0.00200	0.00000	0.00035	
DIA_8P125		CIR					
DM		8.12325	8.12500	0.00500	-0.00500	-0.00175	
DIST_P80		AXI					
DX		0.80009	0.80000	0.02000	-0.02000	0.00009	
DIST_3P35		AXI					
DXYZ		3.35099	3.35000	0.02000	-0.02000	0.00099	
POS_P313		POI					
POSITN		0.00127	0.00000	0.01500	0.00000	0.00127	
CBORE_P550		CIR					
DM		0.54917	0.55000	0.00500	-0.00500	-0.00083	
POS_256(1)		POI					
POSITN		0.00158	0.00000	0.00900	0.00000	0.00158	
POS_256(2)		POI					
POSITN		0.00292	0.00000	0.00900	0.00000	0.00292	
POS_1032		POI					
POSITN		0.00289	0.00000	0.01300	0.00000	0.00289	

Text	Eval.	Actual	Nominal	Up.To1.	Low.To1.	Act-Nom	Graphic
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Date: 17-Feb-09, 09:12:21			PF39122821			Page 2 of 2	
Text	Eval.	Actual	Nominal	Up.Tol.	Low.Tol.	Act-Nom	Graphic
<b>DEPTH_P125</b>		<b>POI</b>					
Z		-0.12693	0.12500	0.00500	-0.00500	0.00193	
<b>DEPTH_P075</b>		<b>POI</b>					
Z		-0.07533	0.07500	0.00500	-0.00500	0.00033	
<b>DIST_P280</b>		<b>POI</b>					
Z		-0.28488	0.28000	0.00500	-0.00500	0.00488	
<b>THRD_256A</b>		<b>CIR</b>					
X		-1.67653	1.67600	0.00500	-0.00500	0.00053	
Y		0.12519	0.12500	0.00500	-0.00500	0.00019	
<b>ANGLE</b>		<b>ANG</b>					
ANG		80.00465	80.00000			0.00465	

MANUAL MEASUREMENTS			
DIMENSION	TOLERANCE	ACTUAL	ACCEPTABLE/REJECT
12X 2-56 UNC-2B	-----	GO	ACCEPTABLE
6X 2-56 UNC-2B	-----	GO	ACCEPTABLE
PARALLELISM	0.002	0.0013	ACCEPTABLE
3X 10-32 UNC-2B	-----	GO	ACCEPTABLE
12X 2-56 UNC-2B	-----	GO	ACCEPTABLE

Text	Eval.	Actual	Nominal	Up.Tol.	Low.Tol.	Act-Nom	Graphic
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# Quindos Measuring Report



3D-Application Center

Description	SUPPORT, FLIGHT TUB	Customer	R. ATKINSON
Drawing Number	PF-391-228-21 R0	Serial Number	002
Remarks		Article Number	
Supplier	MFD	Delivery Date	
Delivery Note		Delivery Volume	
Lot Number		Lot Size	
Test Schedule		Sample Size	
Production Machine		Production Tool	
Production Date		Production Time	
Order	24402-20	Department	MET. QUALITY INSPEC
Inspector	kcaban	Inspection Date	17-FEB-2009, 12:43:31
Measuring Device	PMM 12 10 6 #496	Measuring Program	Quindos7 - V 7.1.9005-R-
User Name	kcaban	WKP Name	PF39122821

Text	Eval.	Actual	Nominal	Up.To1.	Low.To1.	Act-Nom	Graphic
<b>DAT\$PLA_A</b>		<b>PLA</b>					
FORM		0.00091	0.00000	0.00200	0.00000	0.00091	
<b>DAT\$CIR_B</b>		<b>CIR</b>					
DM		5.04142	5.04000	0.00500	0.00000	0.00142	
<b>DAT\$CIR_B(1)</b>		<b>CIR</b>					
DM		0.31430	0.31300	0.00500	-0.00500	0.00130	
<b>DIA_4P830</b>		<b>CIR</b>					
DM		4.82928	4.83000	0.00500	-0.00500	-0.00072	
<b>POS_4P830</b>		<b>POI</b>					
POSITN		0.00065	0.00000	0.00200	0.00000	0.00065	
<b>DIA_8P125</b>		<b>CIR</b>					
DM		8.12176	8.12500	0.00500	-0.00500	-0.00324	
<b>ANGLE</b>		<b>ANG</b>					
ANG		80.00584	80.00000			0.00584	
<b>DIST_P80</b>		<b>AXI</b>					
DX		0.79921	0.80000	0.02000	-0.02000	-0.00079	
<b>DIST_3P35</b>		<b>AXI</b>					
DXYZ		3.35084	3.35000	0.02000	-0.02000	0.00084	
<b>POS_P313</b>		<b>POI</b>					
POSITN		0.00166	0.00000	0.01500	0.00000	0.00166	
<b>CBORE_P550</b>		<b>CIR</b>					
DM		0.54870	0.55000	0.00500	-0.00500	-0.00130	
<b>POS_256(1)</b>		<b>POI</b>					
POSITN		0.00102	0.00000	0.00900	0.00000	0.00102	
<b>POS_256(2)</b>		<b>POI</b>					
POSITN		0.00445	0.00000	0.00900	0.00000	0.00445	

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Text	Eval.	Actual	Nominal	Up.Tol.	Low.Tol.	Act-Nom	Graphic
<b>POS_1032</b>			<b>POI</b>				
	POSITN	0.00266	0.00000	0.01300	0.00000	0.00266	
<b>DEPTH_P125</b>			<b>POI</b>				
	Z	-0.12585	0.12500	0.00500	-0.00500	0.00085	
<b>DEPTH_P075</b>			<b>POI</b>				
	Z	-0.07378	0.07500	0.00500	-0.00500	-0.00122	
<b>DIST_P280</b>			<b>POI</b>				
	Z	-0.28379	0.28000	0.00500	-0.00500	0.00379	
<b>THRD_256A</b>			<b>CIR</b>				
	X	-1.67521	1.67600	0.00500	-0.00500	-0.00079	
	Y	0.12372	0.12500	0.00500	-0.00500	-0.00128	

MANUAL MEASUREMENTS			
DIMENSION	TOLERANCE	ACTUAL	ACCEPTABLE/REJECT
! 12X 2-56 UNC-2B	-----	GO	ACCEPTABLE
! 6X 2-56 UNC-2B	-----	GO	ACCEPTABLE
! PARALLELISM	0.002	0.0013	ACCEPTABLE
! 3X 10-32 UNC-2B	-----	GO	ACCEPTABLE
! 12X 2-56 UNC-2B	-----	GO	ACCEPTABLE

Text	Eval.	Actual	Nominal	Up.Tol.	Low.Tol.	Act-Nom	Graphic
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# Quindos Measuring Report



3D-Application Center

Description	SUPPORT, FLIGHT TUB	Customer	R. ATKINSON
Drawing Number	PF-391-228-21 R0	Serial Number	003
Remarks		Article Number	
Supplier	MFD	Delivery Date	
Delivery Note		Delivery Volume	
Lot Number		Lot Size	
Test Schedule		Sample Size	
Production Machine		Production Tool	
Production Date		Production Time	
Order	24402-20	Department	MET. QUALITY INSPEC
Inspector	kcaban	Inspection Date	17-FEB-2009, 12:53:14
Measuring Device	PMM 12 10 6 #496	Measuring Program	Quindos7 - V 7.1.9005-R-
User Name	kcaban	WKP Name	PF39122821

Text	Eval.	Actual	Nominal	Up.To1.	Low.To1.	Act-Nom	Graphic
<b>DAT\$PLA_A</b>		<b>PLA</b>					
FORM		0.00080	0.00000	0.00200	0.00000	0.00080	
<b>DAT\$CIR_B</b>		<b>CIR</b>					
DM		5.04144	5.04000	0.00500	0.00000	0.00144	
<b>DAT\$CIR_B(1)</b>		<b>CIR</b>					
DM		0.31450	0.31300	0.00500	-0.00500	0.00150	
<b>DIA_4P830</b>		<b>CIR</b>					
DM		4.82936	4.83000	0.00500	-0.00500	-0.00064	
<b>POS_4P830</b>		<b>POI</b>					
POSITN		0.00047	0.00000	0.00200	0.00000	0.00047	
<b>DIA_8P125</b>		<b>CIR</b>					
DM		8.12130	8.12500	0.00500	-0.00500	-0.00370	
<b>ANGLE</b>		<b>ANG</b>					
ANG		79.97827	80.00000			-0.02173	
<b>DIST_P80</b>		<b>AXI</b>					
DX		0.79917	0.80000	0.02000	-0.02000	-0.00083	
<b>DIST_3P35</b>		<b>AXI</b>					
DXYZ		3.35033	3.35000	0.02000	-0.02000	0.00033	
<b>POS_P313</b>		<b>POI</b>					
POSITN		0.00071	0.00000	0.01500	0.00000	0.00071	
<b>CBORE_P550</b>		<b>CIR</b>					
DM		0.54896	0.55000	0.00500	-0.00500	-0.00104	
<b>POS_256(1)</b>		<b>POI</b>					
POSITN		0.00200	0.00000	0.00900	0.00000	0.00200	
<b>POS_256(2)</b>		<b>POI</b>					
POSITN		0.00135	0.00000	0.00900	0.00000	0.00135	

Text	Eval.	Actual	Nominal	Up.To1.	Low.To1.	Act-Nom	Graphic
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Date: 17-Feb-09, 12:53:15			PF39122821			Page 2 of 2	
Text	Eval.	Actual	Nominal	Up.Tol.	Low.Tol.	Act-Nom	Graphic
<b>POS_1032</b>		<b>POI</b>					
	POSITN	0.00199	0.00000	0.01300	0.00000	0.00199	
<b>DEPTH_P125</b>		<b>POI</b>					
	Z	-0.12839	0.12500	0.00500	-0.00500	0.00339	
<b>DEPTH_P075</b>		<b>POI</b>					
	Z	-0.07541	0.07500	0.00500	-0.00500	0.00041	
<b>DIST_P280</b>		<b>POI</b>					
	Z	-0.28515	0.28000	0.00500	-0.00500	0.00515	<b>0.00015</b> ◀
<b>THRD_256A</b>		<b>CIR</b>					
	X	-1.67651	1.67600	0.00500	-0.00500	0.00051	
	Y	0.12538	0.12500	0.00500	-0.00500	0.00038	

MANUAL MEASUREMENTS			
DIMENSION	TOLERANCE	ACTUAL	ACCEPTABLE/REJECT
! 12X 2-56 UNC-2B	-----	GO	ACCEPTABLE
! 6X 2-56 UNC-2B	-----	GO	ACCEPTABLE
! PARALLELISM	0.002	0.0013	ACCEPTABLE
! 3X 10-32 UNC-2B	-----	GO	ACCEPTABLE
! 12X 2-56 UNC-2B	-----	GO	ACCEPTABLE

Text	Eval.	Actual	Nominal	Up.Tol.	Low.Tol.	Act-Nom	Graphic
Date: 17-Feb-09, 12:53:15			PF39122821			Page 2 of 2	