MOOG Q4 2021 Supplemental Data

(USD in millions except for per share data)

			Q4 2021		Q4 2020	Change Q4 2021 vs 2020		FY 2022 F		FY 2021 A		FY 2020 A	Change FY 2022F vs 2021	Change FY 2021 vs 2020
	Non-GAAP results exclude FY 2020 charges related t	o the		-19 p			sior	-	ıt	202171	_	202071		10 2020
	Sales	\$	724.3	\$	706.9	2%	\$	3,035.0		2,852.0	\$	2,884.6	6%	(1%)
	Net Earnings		34.6		26.5	31%		177.8		157.2		156.6	13%	0%
	Net Earnings Per Share ¹	\$	1.07	\$	0.81	32%	\$	5.50 *	\$	4.87	\$	4.81	13%	1%
	Segment Sales													
ts	Aircraft Controls	\$	298.0	\$	275.0	8%	\$	1,245.0	\$	1,161.2	\$	1,205.8	7%	(4%)
results	Space and Defense Controls		200.0		207.0	(3%)		880.0		799.2		770.1	10%	4%
res	Industrial Systems		226.3		224.9	1%		910.0		891.5		908.7	2%	(2%)
3		\$	724.3	\$	706.9	2%	\$	3,035.0	\$	2,852.0	\$	2,884.6	6%	(1%)
2021	Operating Profit													
-≺	Aircraft Controls	\$	26.2	\$	7.5	248%	\$	126.0	\$	96.7	\$	91.7	30%	5%
ĺЦ О	Space and Defense Controls ¹		17.3		29.4	(41%)		101.2		88.3		102.2	15%	(14%)
Ā	Industrial Systems ¹		19.2		21.7	(12%)		86.1		85.9		93.7	0%	(8%)
Non-GAAP		\$	62.7	\$	58.7	7%	\$	313.3	\$	271.0	\$	287.6	16%	(6%)
Ļ	Operating Margin													
Ŷ	Aircraft Controls		8.8%		2.7%			10.1%		8.3%		7.6%		
	Space and Defense Controls ¹		8.6%		14.2%			11.5%		11.1%		13.3%		
	Industrial Systems ¹		8.5%		9.7%			9.5%		9.6%		10.3%		
			8.7%		8.3%			10.3%		9.5%		10.0%		
	Effective Tax Rate		19.0%		28.3%			25.5%		22.8%		20.9%		

* FY 2022F Net Earnings Per Share is forecasted to be within a range of \$5.30 and \$5.70.

¹ Adjusted results due to charges: Q4 and full year 2021 include charges totaling \$6.9 million resulting in the following adjusted results:

Space and Defense Controls adjusted Operating Margin for Q4 2021 = 9.9%; full year 2021 = 11.4%

Industrial Systems adjusted Operating Margin for Q4 2021 = 10.4%; full year 2021 = 10.1%

Total Company adjusted Operating Margin for Q4 2021 = 9.6%; full year 2021 = 9.7%; contributing \$0.18 in EPS to Q4 and full year 2021.

	GAAP results								
	Sales	\$ 724.3	\$ 706.9	2%	\$ 3,035.0	\$ 2,852.0	\$ 2,884.6	6%	(1%)
	Net Earnings (Loss)	34.6	(78.0)	(144%)	177.8	157.2	9.2	13%	1608%
	Net Earnings (Loss) Per Share	\$ 1.07	\$ (2.40)	(145%)	\$ 5.50 *	\$ 4.87	\$ 0.28	13%	1668%
	Segment Sales								
	Aircraft Controls	\$ 298.0	\$ 275.0	8%	\$ 1,245.0	\$ 1,161.2	\$ 1,205.8	7%	(4%)
	Space and Defense Controls	200.0	207.0	(3%)	880.0	799.2	770.1	10%	4%
S	Industrial Systems	226.3	224.9	1%	910.0	891.5	908.7	2%	(2%)
results		\$ 724.3	\$ 706.9	2%	\$ 3,035.0	\$ 2,852.0	\$ 2,884.6	6%	(1%)
es	Operating Profit								
<u> </u>	Aircraft Controls	\$ 26.2	\$ 3.4	664%	\$ 126.0	\$ 96.7	\$ 34.7	30%	179%
GAA	Space and Defense Controls	17.3	29.4	(41%)	101.2	88.3	101.7	15%	(13%)
ชิ	Industrial Systems	 19.2	 10.5	82%	 86.1	 85.9	 80.0	0%	7%
		\$ 62.7	\$ 43.4	44%	\$ 313.3	\$ 271.0	\$ 216.4	16%	25%
	Operating Margins								
	Aircraft Controls	8.8%	1.2%		10.1%	8.3%	2.9%		
	Space and Defense Controls	8.6%	14.2%		11.5%	11.1%	13.2%		
	Industrial Systems	8.5%	4.7%		9.5%	9.6%	8.8%		
		 8.7%	 6.1%		 10.3%	 9.5%	 7.5%		
	Effective Tax Rate	19.0%	21.8%		25.5%	22.8%	(69.9%)		
			4.00						

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(USD in millions except for per share data)

			Q4 2021	Q4 2020	Change Q4 2021 vs 2020	FY 2022 F	FY 2021 A	FY 2020 A	Change FY 2022F vs 2021	Change FY 2021 vs 2020
	Sales by Program									
	Military OEM	\$	144.1	\$ 128.7	12%	\$ 580.0	\$ 573.8	\$ 469.7	1%	22%
	Military Aftermarket		54.7	 65.4	(16%)	 220.0	 208.1	 251.4	6%	(17%)
	Military Aircraft		198.8	194.1	2%	800.0	781.9	721.0	2%	8%
	Commercial OEM		70.0	57.5	22%	325.0	273.7	371.0	19%	(26%)
	Commercial Aftermarket		29.2	 23.4	25%	 120.0	 105.6	 113.7	14%	(7%)
lts	Commercial Aircraft		99.2	 80.9	23%	 445.0	 379.3	 484.7	17%	(22%)
results	Aircraft Controls	\$	298.0	\$ 275.0	8%	\$ 1,245.0	\$ 1,161.2	\$ 1,205.8	7%	(4%)
GAAP	Space	\$	81.3	\$ 83.6	(3%)	\$ 350.0	\$ 333.0	\$ 294.3	5%	13%
A B	Defense		118.8	123.3	(4%)	530.0	466.3	475.9	14%	(2%)
Ŭ	Space and Defense Controls	\$	200.0	\$ 207.0	(3%)	\$ 880.0	\$ 799.2	\$ 770.1	10%	4%
	Energy	\$	32.3	\$ 29.4	10%	\$ 120.0	\$ 120.2	\$ 127.7	(0%)	(6%)
	Industrial Automation		108.4	97.8	11%	425.0	427.1	405.3	(0%)	5%
	Simulation and Test		24.9	24.3	3%	95.0	89.5	102.6	6%	(13%)
	Medical		60.6	 73.5	(17%)	 270.0	 254.8	 273.1	6%	(7%)
	Industrial Systems	\$	226.3	\$ 224.9	1%	\$ 910.0	\$ 891.5	\$ 908.7	2%	(2%)
	Sales by Market									
GAAP results	Defense	\$	317.5	\$ 317.4	0%	\$ 1,330.0	\$ 1,248.2	\$ 1,196.9	7%	4%
esu	Industrial		165.7	151.5	9%	640.0	636.7	635.6	1%	0%
2	Commercial Aircraft		99.2	80.9	23%	445.0	379.3	484.7	17%	(22%)
₹	Space		81.3	83.6	(3%)	350.0	333.0	294.3	5%	13%
3	Medical		60.6	73.5	(17%)	270.0	 254.8	 273.1	6%	(7%)
	Total Sales by Market	\$	724.3	\$ 706.9	2%	\$ 3,035.0	\$ 2,852.0	\$ 2,884.6	6%	(1%)
	Q4 2021 Trailing Twelve Month Sales by M	arket (%	total)							
	Defense				44%					
	Industrial	2	2%							

Industrial22%Commercial Aircraft:
OEM | Aftermarket9%4%Space12%Medical9%

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(USD in millions except for per share data)

			Q4 2021		Q4 2020	Change Q4 2021 vs 2020		FY 2022 F		FY 2021 A		FY 2020 A	Change FY 2022F vs 2021	Change FY 2021 vs 2020
	Cash Flow from Operations	\$	63	\$	91		\$	338	\$	293	\$	279		
	Capital Expenditures		(40)		(18)			(160)		(129)		(88)		
S.	Free Cash Flow	\$	22	\$	73		\$	178	\$	164	\$	191		
Ē	Share buybacks		(5)		(37)			-		(30)		(215)		
results	Acquisitions		-		0			-		(78)		(54)		
Ē	Payment of dividends		(8)		(8)			(32)		(32)		(25)		
GAAP	Other items	_	13	_	9		_	(2)	_	18	_	(1)		
0 I	Decrease (Increase) in Net Debt	\$	23	\$	37		\$	143	\$	42	\$	(105)		
	Net Debt to Total Capitalization		36.4%		40.5%			29.8%		36.4%		40.5%		
	Depreciation and Amortization	\$	23	\$	21		\$	96	\$	90	\$	87		
	Difference between GAAP and Non-GAAP FY 2020 rd	esults	6											
	Operating Profit													
Ļ	Aircraft Controls	\$	-	\$	(4.1)		\$	-	\$	-	\$	(57.1)		
Non	Space and Defense Controls		-		-			-		-		(0.5)		
σ	Industrial Systems		-		(11.2)			-		-		(13.7)		
and Its		\$	-	\$	(15.3)		\$	-	\$	-	\$	(71.2)	-	
P Su	Operating Margins													
Ν Σ Σ	Aircraft Controls		-		(1.5%)			-		-		(4.7%)		
5 C	Space and Defense Controls		-		0.0%			-		-		(0.1%)		
20 je	Industrial Systems		-		(5.0%)			-		-		(1.5%)	_	
tween GAAP an FY 2020 results			-		(2.2%)			-		-		(2.5%)		
AP	Non-GAAP Net Earnings adjustment for Charges		-		(104.5)			-		-		(147.4)		
nce l GAA	Net Earnings	\$	-	\$	(104.5)		\$	_	\$	-	\$	(147.4)	-	
S S	Ŭ	Ψ			```		Ψ		¥		Ψ	. ,		
ere	Non-GAAP Net Earnings Per Share adjustment for Charges	\$	-	\$	(3.21)		\$	-	\$	-	\$	(4.53)	_	
Difference between GAAP GAAP FY 2020 resu	Net Earnings Per Share	\$	-	\$	(3.21)		\$	-	\$	-	\$	(4.53)		
	Effective Tax Rate		-		6.5%			-		-		90.8%		

Note - numbers may not add to totals due to rounding

Non-GAAP financial measures

We present Non-GAAP adjusted Operating Profit and Margins, Effective Tax Rate, Net Earnings and Net Earnings Per Share which are reconciled in the table above. We also present Free Cash Flow, which is defined as Cash Flow from Operations less Capital Expenditures. Management believes this non-GAAP financial measure provides investors important insight into the Company's ongoing operational performance. The Company does not intend for this information to be considered in isolation, or as a substitute, to the most closely related GAAP measure.

Cautionary Statement Regarding Forward Looking Information

The forecasts, projections and estimates contained in these materials, which can be identified by the use of forward looking terms, such as "project," "estimate," "2022F", or variations thereon or comparable terminology, are forward looking statements made pursuant to the Safe Harbor provisions of the Private Securities Litigation Reform Act of 1995.