



# Q2 2016 Results

**Conference Call with Investors and Analysts** 

7/26/2016 - Investor Relations



#### **Business Highlights Q2 2016**



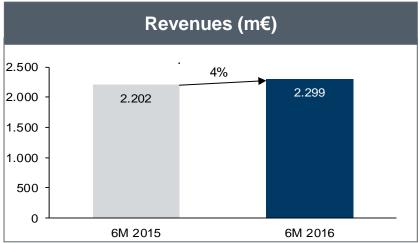


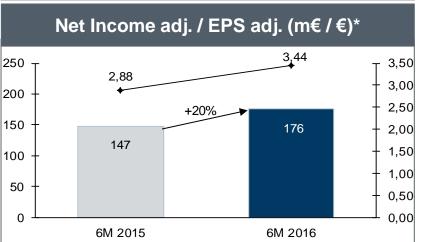


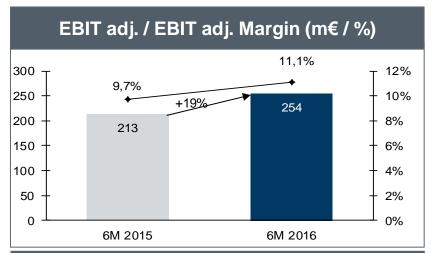
- Passenger traffic up 6.0 % ytd in May
- No direct impact from BREXIT expected
- Successful Farnborough Air Show
- Bombardier CS100 aircraft with PW1500G engines EIS on 15 July 2016
- Initial operations of A320neo equipped with PW1100G-JM highly successful
- New record MRO sales in the third consecutive quarter
- Convertible Bond of 500m€ issued in May 2016
- Record dividend paid
- Outlook for 2016 improved

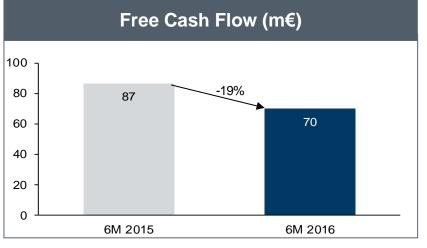


### Financial Highlights 2016 – MTU on track to achieve guidance









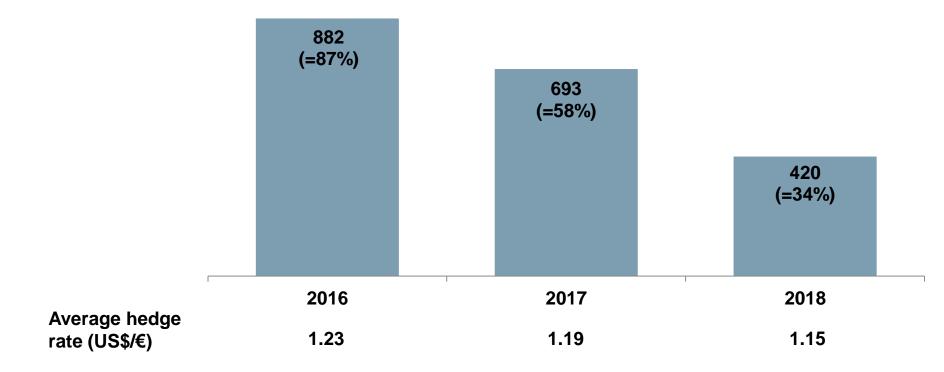
<sup>\*</sup> w/o market-to-market valuations of US\$, nickel and options and others



# **US\$ Exchange Rate / Hedge Portfolio**

Hedge book as of 26 July 2016 (% of net exposure)

(in m US\$)





# **Commercial OEM Business Highlights in Q2 2016**







- Over 1 bn US\$ order wins at Farnborough Air Show
- Swiss Air has the first Bombardier CS100 powered by PW1500G engines in operation
- Successful first flight of Embraer E190-E2 with PW1900G engines
- FAA certification for PW1400G received; Roll out of Irkut MS-21 in June 2016
- GoAir begins passenger flights with A320neo powered by GTF engines
- First modified PW1100G-JM engines delivered to AIRBUS
- Final assembly of PW1100G-JM engines started at MTU Munich



# Military Business Highlights in Q2 2016







- Enhancement of TP400 Propeller Gearbox approved by EASA
- Embraer KC-390 powered with V2500-E5 is making good progress with its test flights



# **OEM Segment**

Order book	31/12/2015	30/06/2016	Change
Order book (m€)	6,830.6	6,140.8	-10%
Commercial Business (mUS\$)	6,888.5	6,335.9	-8%
Military Business (m€)	503.3	433.8	-14%
(m€)	6M 2015	6M 2016	Change
Revenues	1,467.1	1,441.1	-2%
Commercial Business	1,251.8	1,200.9	-4%
Military Business	215.3	240.2	12%
EBIT adj.	139.2	169.5	22%
EBIT adj. Margin %	9.5%	11.8%	





- Farnborough Air Show order wins of US\$ 1 bn not included yet
- Underlying US\$ Commercial OEM revenues were slightly down
- 2016 Guidance for spare parts revenues slightly improved





# **Commercial MRO Business Highlights in Q2 2016**







- New contract wins of around US\$ 1 bn
- Garuda Indonesia signed exclusive MRO contract for their CF34 engine fleet
- New record sales in Q2 2016
- Continued high workload in all MRO shops



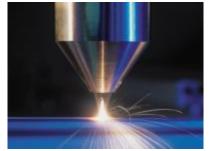
#### **Commercial MRO Business**

(mUS\$)	31/12/2015	30/06/2016	Change
Order book	6,165.4	5,999.3	-3%



(m€)	6M 2015	6M 2016	Change
Revenues	754.2	893.3	18%





- Recent campaign wins not included yet
- Organic revenues up in high teens
- Revenue expectation for 2016 increased





# Guidance 2016 Update – Improved Aftermarket leads to increase in earnings expectation

Military: Stable

 $\Rightarrow$ 

New engine Sales (Com. OE): Mid single digit



Spare parts Sales (Com. Spares): Mid single digit (ex low to mid)



Commercial MRO: ~ 10% (ex high single digit)



Revenues

~ 4.7 bn €

Tailwind from US\$ fx-rate due to improved Hedge book (based on avg. rate of 1.10)

Slight headwind from Com. OE mix and R&D (P&L)

EBIT adj.

~ 480 m €

Improved tax rate of 29%

Net Income adj.

~ 330 m €

**Free Cashflow** 

~ 70 m €



# **Appendix**



# Net Income adj.

(m€)	Q2 2015	Q2 2016	Change	6M 2015	6M 2016	Change
Revenues	1,102.5	1,201.3	9%	2,202.0	2,299.2	4%
EBIT adj.	115.1	122.8	7%	212.8	254.1	19%
Thereof P&L of companies accounted "at equity"	3.6	5.8	61%	13.1	14.1	8%
Interest Result	-0.2	-2.0	<-300%	-1.0	-3.7	-270%
Interests for pension provisions	-3.6	-4.1	-14%	-7.1	-8.2	-15%
Financial Result	-3.8	-6.1	-61%	-8.1	-11.9	-47%
EBT adj. *	111.3	116.7	5%	204.7	242.2	18%
Taxes**	-32.3	-32.1		-57.5	-66.1	
Tax rate normalized	30.0%	29.0%		30.0%	29.0%	
Net Income adj. **	79.0	84.6	7%	147.2	176.1	20%
EPS adj. **	1.55	1.65	7%	2.88	3.44	19%

<sup>\*)</sup> w/o market-to market valuations of US\$, Nickel , options and others

<sup>\*\*)</sup> at equity results excluded from taxation



#### **Profit & Loss**

(m€)	Q2 2015	Q2 2016	Change	6M 2015	6M 2016	Change
Revenues	1,102.5	1,201.3	9%	2,202.0	2,299.2	4%
Total Cost of Sales	-956.7	-1,037.1		-1,930.7	-1,965.3	
Gross Profit	145.8	164.2	13%	271.3	333.9	23%
Gross Profit Margin	13.2%	13.7%		12.3%	14.5%	
R&D according to IFRS	-8.7	-19.1		-24.3	-38.5	
SG&A	-41.2	-42.6		-79.3	-84.2	
Other operating income (expense)	1.7	1.2		4.3	2.9	
P&L of companies accounted "at equity and at cost"	3.7	6.6		13.2	14.9	
EBIT reported	101.3	110.3	9%	185.2	229.0	24%
Adjustment (PPA Depreciation & Amortization)	6.0	5.3		12.1	10.6	
Adjustment (IAE Upshare)	7.8	7.2		15.5	14.5	
EBIT adj.	115.1	122.8	7%	212.8	254.1	19%
EBIT adj.margin	10.4%	10.2%		9.7%	11.1%	
Financial Result	6.8	-13.5		-44.9	-12.4	
Profit before tax (EBT)	108.1	96.8	-10%	140.3	216.6	54%
Taxes	-25.1	-28.6		-36.3	-58.0	
Net Income reported	83.0	68.2	-18%	104.0	158.6	53%
Net Income adj.	79.0	84.6		147.2	176.1	
EPS reported	1.62	1.34		2.04	3.10	
EPS adj.	1.55	1.65		2.88	3.44	



# Segment Revenues and EBIT adj.

(m€)	Q2 2015	Q2 2016	Change	6M 2015	6M 2016	Change
Revenues Group	1,102.5	1,201.3	9%	2,202.0	2,299.2	4%
OEM Commercial	616.3	644.9	5%	1,251.8	1,200.9	-4%
OEM Military	124.1	115.7	-7%	215.3	240.2	12%
MRO	370.3	464.5	25%	754.2	893.3	18%
Consolidation	-8.2	-23.8		-19.3	-35.2	
EBIT adj. Group	115.1	122.8	7%	212.8	254.1	19%
OEM (Commercial / Military)	81.1	80.7	0%	139.2	169.5	22%
MRO	35.4	42.2	19%	73.5	84.5	15%
Consolidation	-1.4	-0.1		0.1	0.1	
EBIT margin adj. Group	10.4%	10.2%		9.7%	11.1%	
OEM (Commercial / Military)	11.0%	10.6%		9.5%	11.8%	
MRO	9.6%	9.1%		9.7%	9.5%	

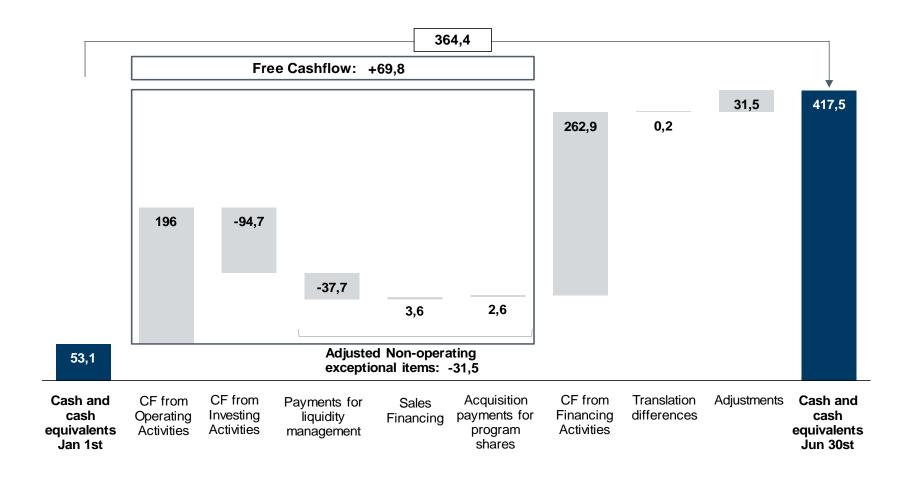


# **Research & Development**

(m€)	Q2 2015	Q2 2016	Change	6M 2015	6M 2016	Change
Total R&D	50.0	55.0	10%	102.0	113.6	11%
Customer funded R&D	14.2	14.3	1%	-22.9	-22.4	2%
Company expensed R&D	35.8	40.7	14%	79.1	91.2	15%
thereof OEM	34.4	39.0		76.7	88.3	
thereof MRO	1.4	1.7		2.4	2.9	
Capitalization of R&D	-27.1	-21.6		-54.8	-52.7	
thereof OEM	-27.1	-21.6		-54.8	-52.7	
thereof MRO	0.0	0.0		0.0	0.0	
R&D according to IFRS (P&L)	8.7	19.1	120%	24.3	38.5	58%
Amortisation (COGS)	0.6	2.3		1.1	4.4	
Total R&D impact P&L	9.2	21.4	133%	25.4	42.9	69%



#### MTU's Cash development January – June 2016





#### **Cash Flow**

(m€)	6M 2015	6M 2016	Change
Net Income IFRS	104.0	158.6	53%
Depreciation and amortization	78.1	86.4	
Change in provisions*	6.3	49.1	
Change in Working Capital	-29.4	-69.2	
Taxes	-17.4	-15.0	
Interest, derivatives, others	28.9	-13.9	
Cash Flow from operating activities	170.5	196.0	15%
Cash Flow from investing activities	-115.1	-94.7	18%
Adjustments	31.3	-31.5	
Free Cash Flow	86.7	69.8	-19%
Adjustments	-31.3	31.5	
Cash Flow from financing activities	-51.5	262.9	>300%
Effect of exchange rate on cash and cash equivalents	3.3	0.2	
Change in cash and cash equivalents	7.2	364.4	
Cash and cash equivalents at 30.06.	71.8	417.5	

<sup>\*</sup> includes pension provisions and other provisions



#### Net financial debt at 859 m€

(m€)	31/12/2015	30/06/2016	Change
Corporate bonds	353.2	820.2	
Financial liabilities to bank	149.2	30.1	
thereof Revolving Credit Facility	119.1	0.0	
thereof Note Purchase Agreement	30.1	30.1	
Loans from related companies	0.0	0.6	
Finance lease liabilities	12.9	12.2	
Financial liabilities arising from program participation	531.4	490.5	
thereof arising from IAE V2500 Upshare	419.6	393.8	
Gross financial debt	1,046.7	1,353.6	29%
Cash and cash equivalents	53.1	417.5	
Loans to third parties	60.7	59.9	
Loans to related companies	13.8	17.1	
Securities	37.9	0.0	
Financial assets	165.5	494.5	199%
Net financial debt	881.2	859.1	-3%



# **Working Capital**

(m€)	31/12/2015	30/06/2016	Change Change in %
Gross inventories	894.0	931.6	37.6
Prepayments	-373.8	-304.4	69.4
Receivables	1,065.8	1,091.1	25.3
Payables	-861.9	-925.0	-63.1
Working Capital	724.1	793.3	69.2 10%



# **PPA Depreciation / Amortization (in m€)**

(in m€)	Q2 2015	Q2 2016	6M 2015	6M 2016
Total depreciation / amortization				
OEM	32.8	34.4	65.0	67.9
MRO	8.1	8.6	16.1	16.9
MTU total	40.9	43.0	81.1	84.8
PPA depreciation / amortization				
PPA OEM	5.4	4.7	10.9	9.4
PPA MRO	0.6	0.6	1.2	1.2
IAE Upshare OEM	7.8	7.2	15.5	14.5
MTU total	13.8	12.5	27.6	25.1
Depreciation / amortization w/o PPA and w/o IAE Upshare				
OEM	19.6	22.5	38.6	44.0
MRO	7.5	8.0	14.9	15.7
MTU total	27.1	30.5	53.5	59.7



#### **Cautionary Note Regarding Forward-Looking Statements**

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