







# 3 Details by Segment -Aerospace systems-

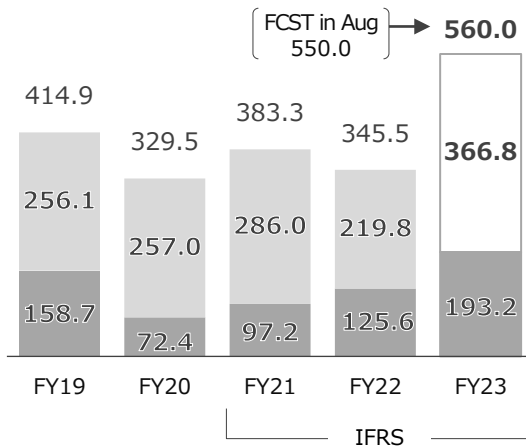
## FY2023.Q2 (vs. FY2022.Q2)

- Orders received**  Increase due to increase in sales to MOD and Boeing, despite the loss (reduction in orders) related to PW1100G-JM engines  
+¥67.5 bil.
- Revenue**  Decrease due to loss on PW1100G-JM engine (reduction in sales revenue), despite increase for MOD & Boeing, and commercial aero engines  
-¥15.7 bil.
- Business profit**  Deteriorated due to losses related to PW1100G-JM engines despite increase in income due to revenue increase  
-¥49.7 bil.

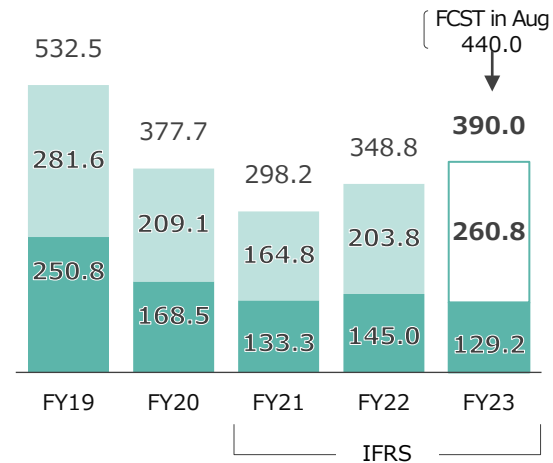
## FY2023 forecast (vs. Forecast in August)

- Orders received**  Revised up due to increase in orders to MOD and Boeing, despite the loss (reduction in orders) related to PW1100G-JM engines  
+¥10.0 bil.
- Revenue**  Revised down despite the change in foreign exchange assumptions, due to the loss related to PW1100G-JM engines (reduction in sales revenue)  
-¥50.0 bil.
- Business profit**  Same as above  
-¥48.0 bil.

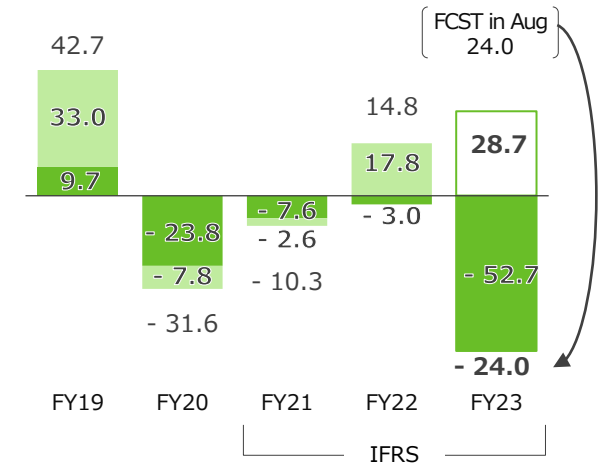
Orders received (billion yen)



Net Sales or Revenue (billion yen)



Operating Profit or Business Profit (billion yen)

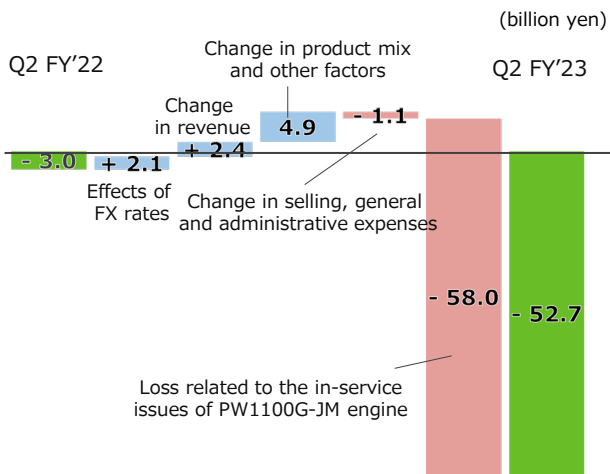


# Details by Segment -Aerospace systems-

(Billion Yen)

	FY2022	FY2023		FY2022	FY2023 Forecast				
	Q2 Actual	Q2 Actual	Change	Actual	Old FCST	New FCST	Chg. Vs. FY22	Chg. Vs. Old FCST	Q3-4 FCST
Orders Received	125.6	193.2	+ 67.5	345.5	550.0	<b>560.0</b>	+ 214.5	+ 10.0	<b>366.8</b>
<i>Aerospace</i>	92.4	202.5	+ 110.1	253.9	415.0	<b>475.0</b>	+ 221.1	+ 60.0	<b>272.5</b>
<i>Aero Engine</i>	33.2	- 9.3	- 42.5	91.5	135.0	<b>85.0</b>	- 6.5	- 50.0	<b>94.3</b>
Revenue	145.0	129.2	- 15.7	348.8	440.0	<b>390.0</b>	+ 41.2	- 50.0	<b>260.8</b>
<i>Aerospace</i>	102.3	132.2	+ 29.8	249.3	320.0	<b>320.0</b>	+ 70.7	-	<b>187.8</b>
<i>Aero Engine</i>	42.6	- 2.9	- 45.6	99.5	120.0	<b>70.0</b>	- 29.5	- 50.0	<b>72.9</b>
Business Profit (Loss)	- 3.0	- 52.7	- 49.7	14.8	24.0	<b>- 24.0</b>	- 38.8	- 48.0	<b>28.7</b>
<i>[Margin]</i>	<i>[- 2.1%]</i>	<i>[- 40.8%]</i>	<i>[- 38.7pt]</i>	<i>[4.3%]</i>	<i>[5.5%]</i>	<i>[- 6.2%]</i>	<i>[- 10.4pt]</i>	<i>[- 11.6pt]</i>	<i>[11.0%]</i>

## Details of change in Business Profit(Loss)



## Appendix

### Number of aircraft component parts sold to Boeing

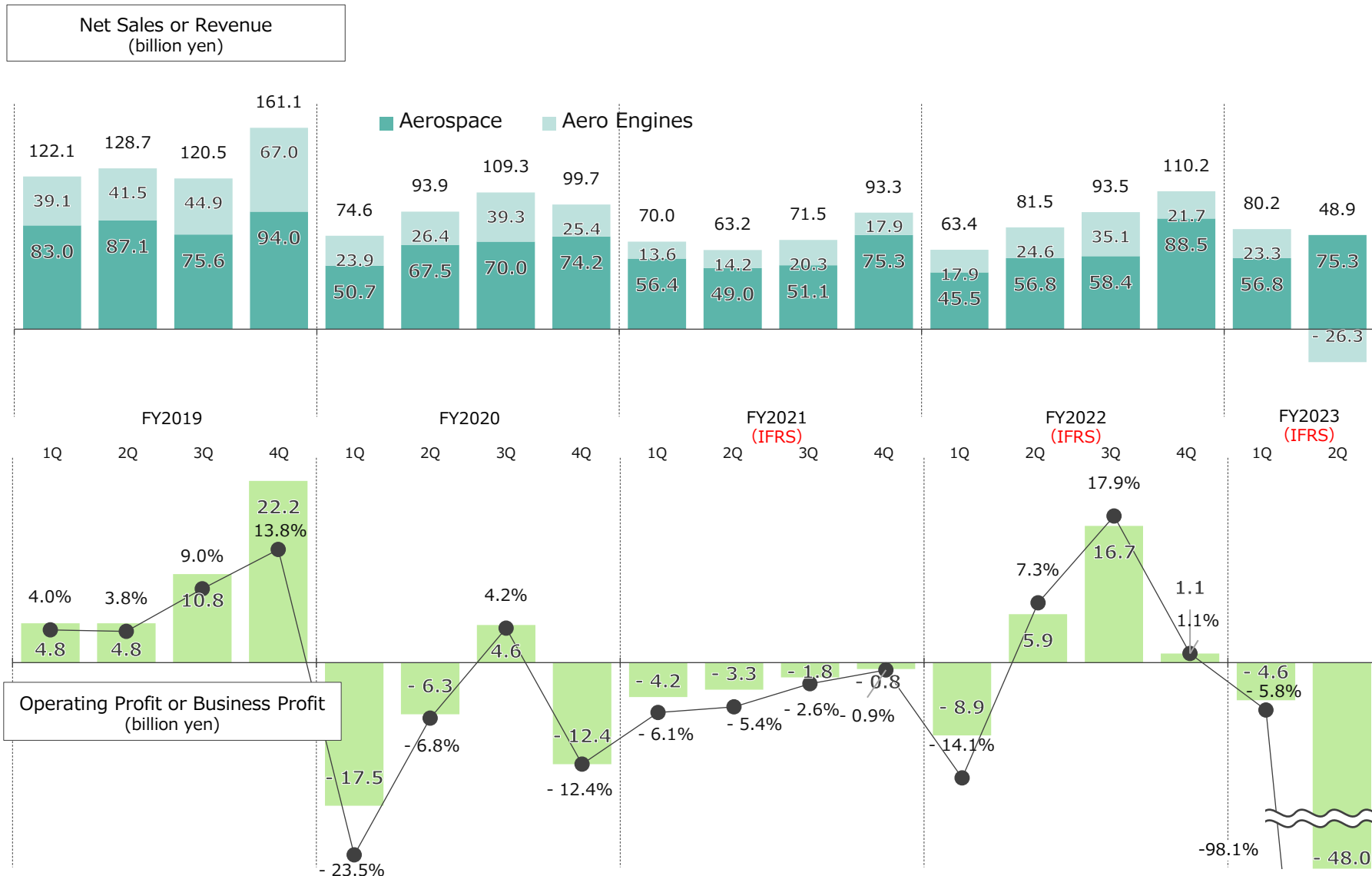
	FY'22		FY'23	Change
	Q2	Q1-4	Q2	
767	16	31	16	-
777	14	28	16	+ 2
777X	0	0	0	-
787	0	20	11	+ 11

### Number of jet engine component parts sold

	FY'22		FY'23	Change
	Q2	Q1-4	Q2	
V2500	9	20	4	- 5
PW1100G	283	564	326	+ 43

※Number of jet engine component parts sold to Rolls-Royce is not disclosed

# Details by Segment -Aerospace systems-



### Market Overview

- Commercial business
  - Air passenger demand is almost back to pre-COVID-19 levels
  - Higher production rates of Boeing 787 are expected
- MOD business
  - Demand growth and profitability improvement are expected due to Japan's defense reinforcement policy

About the PW1100G-JM Engine Program which we participate through IAE\*

- ✦ The engines have been experiencing significant operational issues and a number of engines are expected to be removed from the aircraft (A320neo) for inspection and maintenance over the next few years to resolve the issue.
- ✦ Many aircraft are parked on the ground because it takes 250 to 300 days to unload and install the engines.
- ✦ Our press release about this matter  
[https://global.kawasaki.com/news\\_230913-1e.pdf](https://global.kawasaki.com/news_230913-1e.pdf)  
[https://global.kawasaki.com/en/corp/ir/library/pdf/etc\\_231026-1e.pdf](https://global.kawasaki.com/en/corp/ir/library/pdf/etc_231026-1e.pdf)

\* International Aero Engines, LLC

### Specific Efforts

#### ✓ Securing stable revenue in core business

- Cost reductions in existing orders of aircrafts for Boeing and commercial aircrafts jet engines
- Arranging supply chain and production system to prepare for increased production
- Steady promotion of existing projects of development and mass production for MOD aircrafts and helicopters



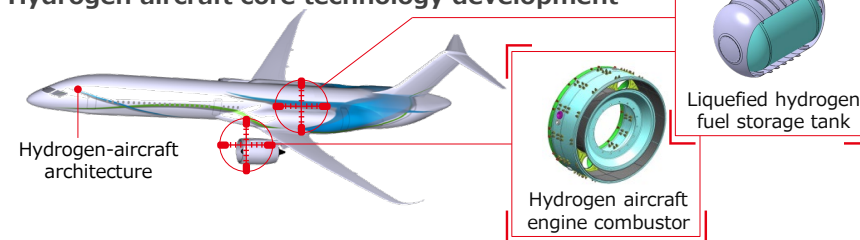
RC-2

(ELINT- electronic intelligence)

#### ✓ Technology strategy in accordance with the change in market trends

- R&D, including the use of civilian technology in defense fields
- Utilization of *Green Innovation fund* of government for development of carbon-free technology

#### ✈ Hydrogen aircraft core technology development



#### ✓ Improving financial foundation

- Review of fixed cost structure
- Reduction of inventories through production innovation activities