

VERTICAL LIFT: MANUFACTURER'S PERSPECTIVES

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PRESENTATION'S CONTENT



1 Market Overview

2 Certification and Validation of Rotorcraft Products

3 New Technologies for Safety & Sustainability Enhancement

MARKET OVERVIEW: ANNUAL DATA

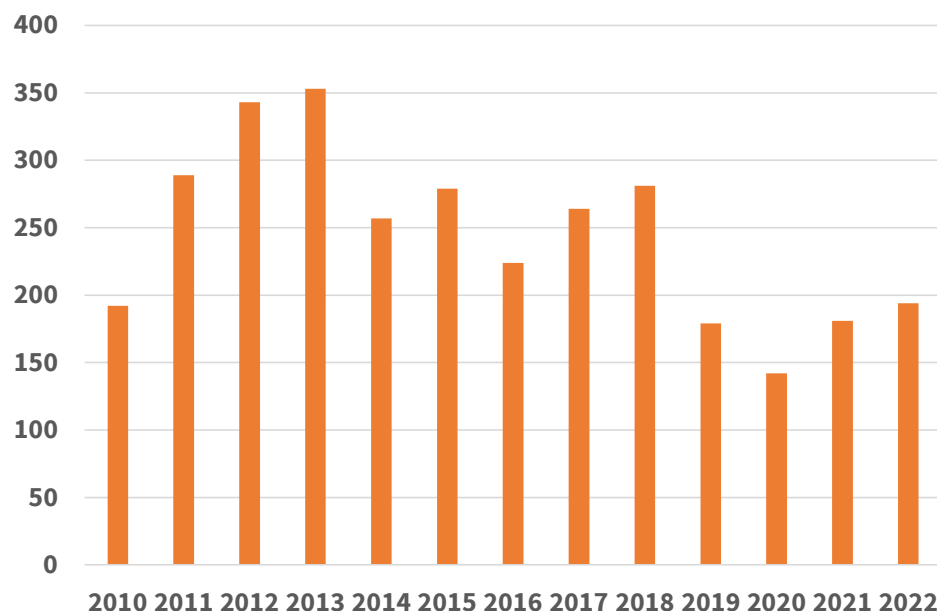


Piston Helicopters



2022 Unit Shipments: 194; +7.2%

Billings: \$88.3 Million; +9.9%

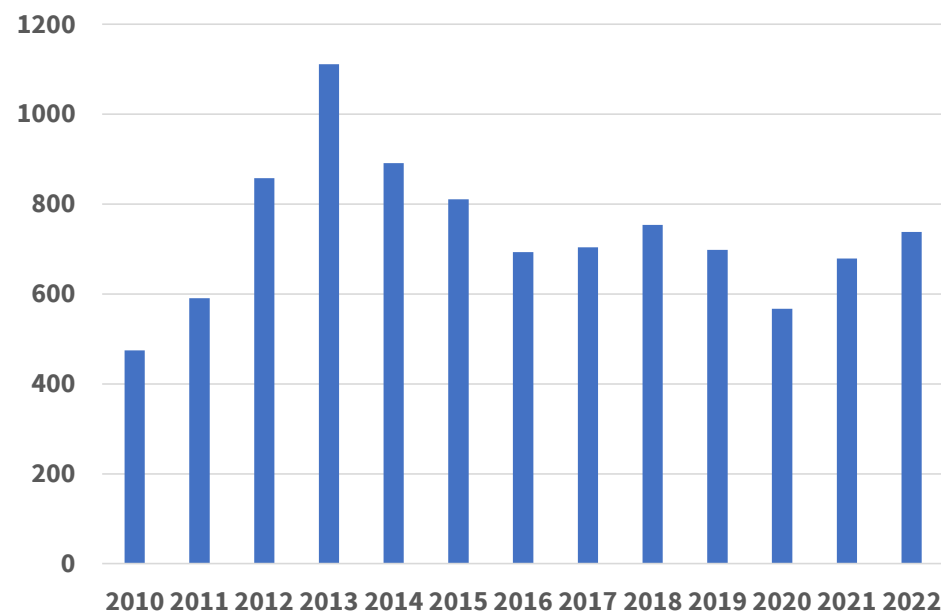


Turbine Helicopters



2022 Unit Shipments: 738; +11.5%

Billings: \$4.4 US Billions; +4.5%





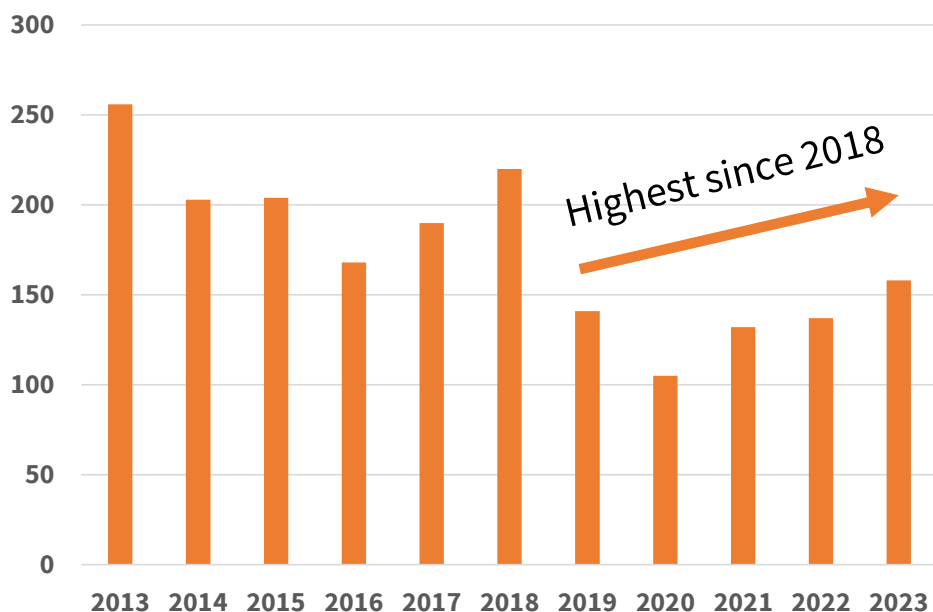
MARKET OVERVIEW: 9-MONTH YoY



Piston Helicopters

2023 9-month

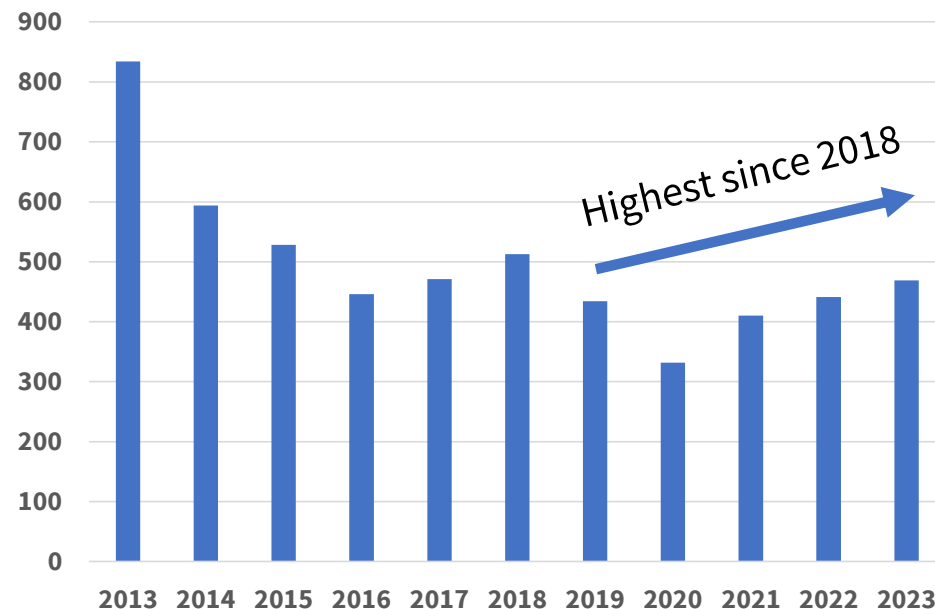
Unit Shipments: 158; +15,3% YoY



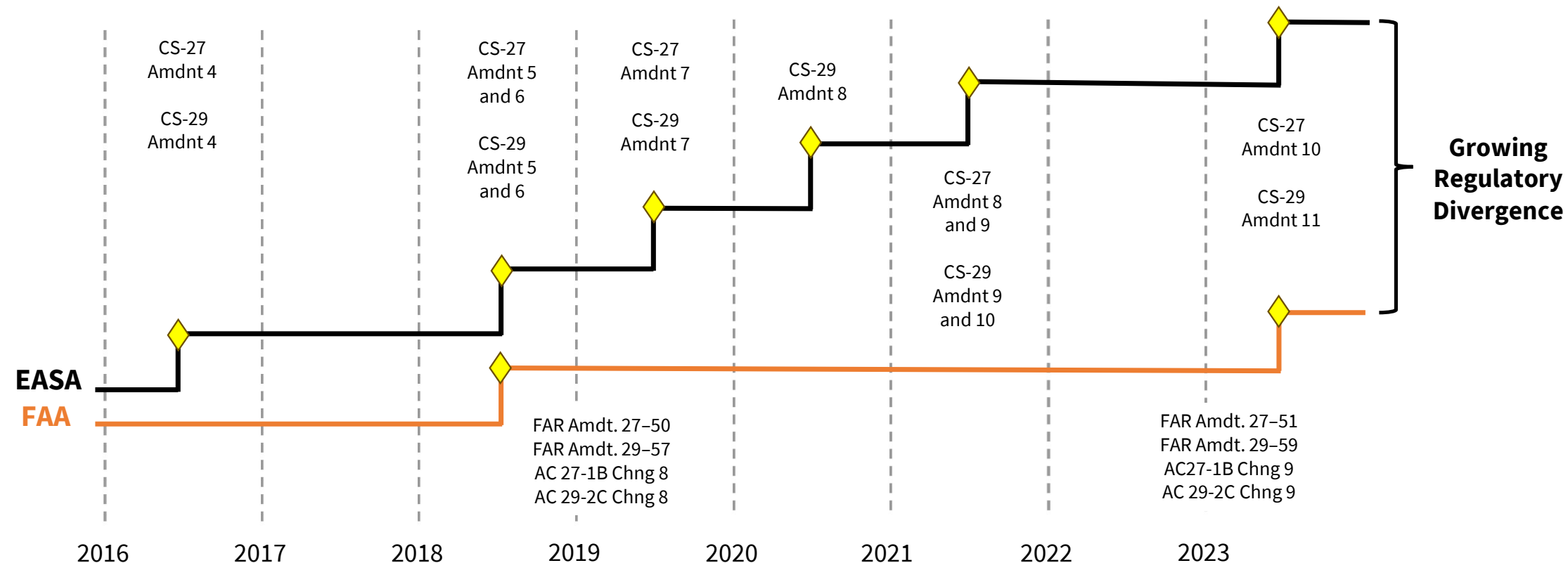
Turbine Helicopters

2023 9-Month

Unit Shipments: 469; +6,3% YoY



CERTIFICATION/VALIDATION OF ROTORCRAFT PRODUCTS: INTL. CONVERGENCE IS NEEDED



NEW TECHNOLOGIES FOR SAFETY & SUSTAINABILITY ENHANCEMENT



**Sustainable
Aviation Fuels
(SAF)**



**Electric, Hybrid,
Hydrogen
Propulsion
Technologies**



**New design
opportunities
such as eVTOL
aircraft**



**Autonomy and
simplified vehicle
operations**

Coordination between industry and regulators is critical to bring these new technologies to market