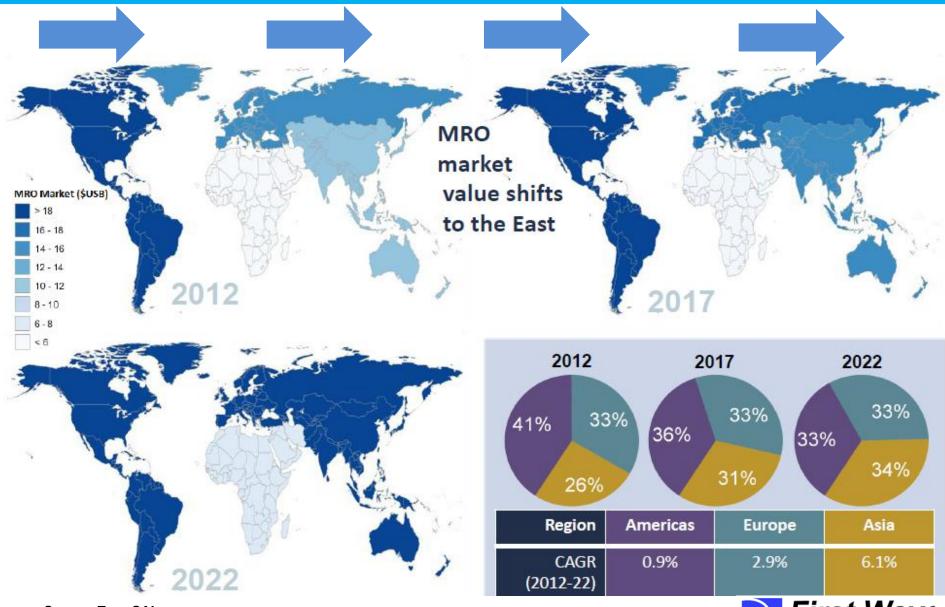
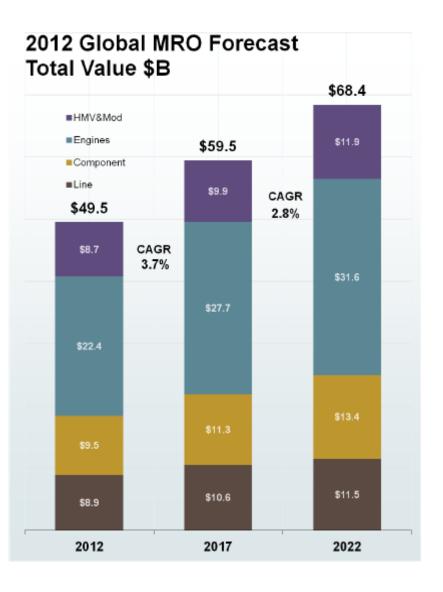
# 10 Year Global MRO Growth Market Forecast



Source: TeamSAI



### 10 Year Global MRO Forecast In Billions



- Global growth is expected to maintain a 3.3% CAGR through 2022
- \$49.5B industry will grow to \$68.4B over
  10-year forecast period
  - 2012 up 5.7% from 2011
  - But 2022 is down from the 2021 forecast due to the lower average fleet age
- Engine remains the largest segment with the highest growth rate
  - Component expected to grow as fast as engines MRO in the latter half of the forecast

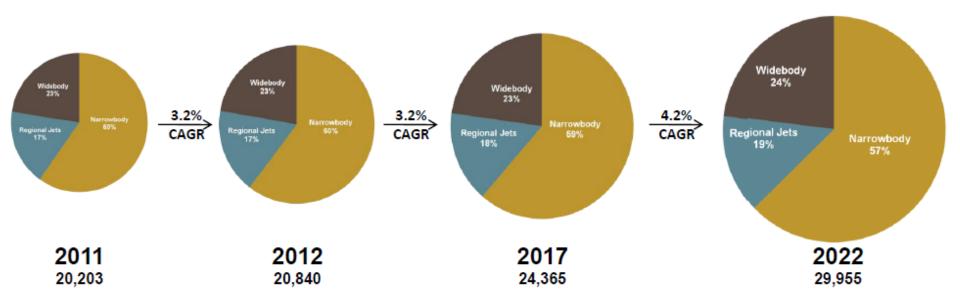
HMV: Heavy Maintenance Visit

GAGR: Compound Annual Growth Rate

Source: TeamSAI



## Global Long Term Commercial Fleet Growth



- Fleet growth forecast at 3.7% CAGR to 29,955 in 10 years
- Average age of fleet has declined since 2009

12.2 to 11.9 years over >20,000 aircraft

#### **Drivers**

- Population growth and the growing middle class
- Production rate increases (A320, B737, A330, B777)
- New airframes enter market (A350, CSeries, MRJ)
- Neo/MAX efficiency phenomenon

#### Challenges

- Pressure on yields
- Uncertainty of oil prices
- Weaker cargo flow
- Limits on aircraft financing
- Increased competition to win traffic

Source: TeamSAI



GAGR: Compound Annual Growth Rate