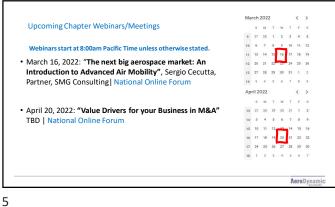
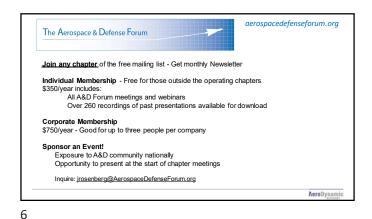


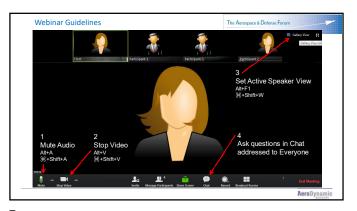


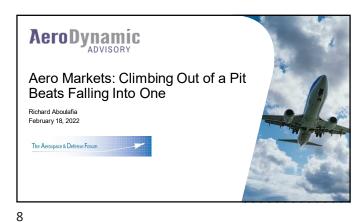


Ventura County Chapter Over 30 aerospace and defense companies Established May 2021, events so far Dan Curry, Star Trek: TNG, SciFI & Visual Effects Richard Abulafia, Teal Group, Aviation Update Dr. Anita Sengupta, CEO, Hydroplane Chapter Steering Committee Gerardo Broussi, Brainspark LLC Robert Gleason, Moog Aircraft David Conrad, PTI Technologies Brian Barker, Hummingbird Aero The Aerospace & Defense Forum Michael Spuzzillo, Parker Hannifin AeroDyna





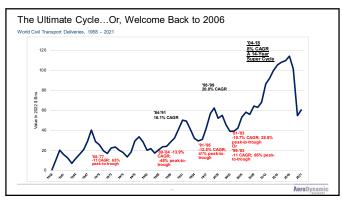




Generally Worse	THAIT WE V	e dein.	
	viation Segments by amage (most to least)	Trends	
The state of the s	rin aisle jetliners	International traffic hit hardest and longest Already an overcapacity situation Secular shift towards single aielies already underway Today: Yeah, just that bad.	
S s	ngle aisle jetliners	Fuel prices a big problem China comeback uncertain Some relief due to deferred Airbus ramp, and MAX stop Today: Much better, except for China	
Bi	usiness Jets	Large cabin strongly correlated with oil prices Small/medium strongly correlated with corporate profits, equities indices Recovering quickly; just a 2020/21 downtum Today: Much more upside than downside	
Minus o	vil Rotary	Oil and gas segment (large) hit again, before recovery even began Today: No real change, but not better, either	
Mark Mark Mark Mark Mark Mark Mark Mark	ilitary Programs	Emphasis on "shovel-ready." Advance development programs at greater risk Pure-play contractors in best shape; suppliers with most defense in good shape to Today: All good, as expected. In fact, better	10

Aircraft Markets Have Had A Predictably Horrible Two Years World New Deliveries **CAGR** <u>CAGR</u> In 2021 (2022 \$) <u>03-'08'</u> <u>'08-'14</u> 9.7% 6.9% Jetliners-SA (\$39.2 b) Jetliners-TA (\$21.4 b) 5.0% 13.5% 2.1% Regionals (\$3.1 b) 3.9% -3.1% -6.3% -43.7% Business Aircraft (\$19.4 b) 16.7% -2.2% -1.2% -12.0% Civil Rotorcraft (\$3.1 b) 18.5% Military Rotorcraft (\$10.4 b) 10.6% 9.7% Military Transports (\$4.2 b) 3.2% -0.7% -0.3% -27.8% Fighters (\$23.6 b) 1.6% 0.8% 6.1% 9.7% All Civil (\$86.5 b) 5.6% All Military (\$41.9 b) 3.9% 4.1% 8.0% 5.2% Total (\$128.3 b) AeroDynas

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AeroDynamic RPK outlook: Revised with impacts from Omicron, China's COVIDzero policy, weakened GDP outlook, and regional demand substitution

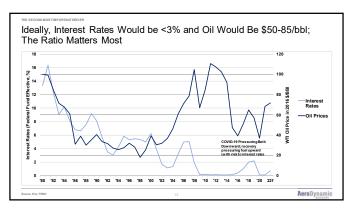
AeroDynamic Advisory Revised Nominal Scenario for Air Travel

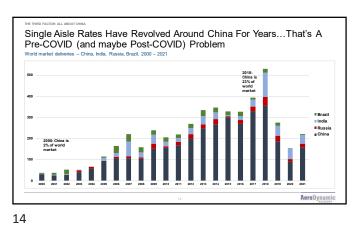
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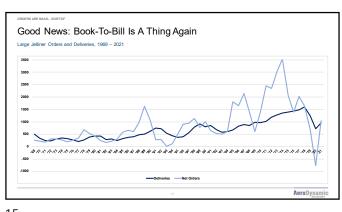
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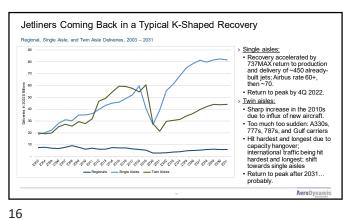
Projection

**Projectio









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