

Business Aviation Update & Analysis





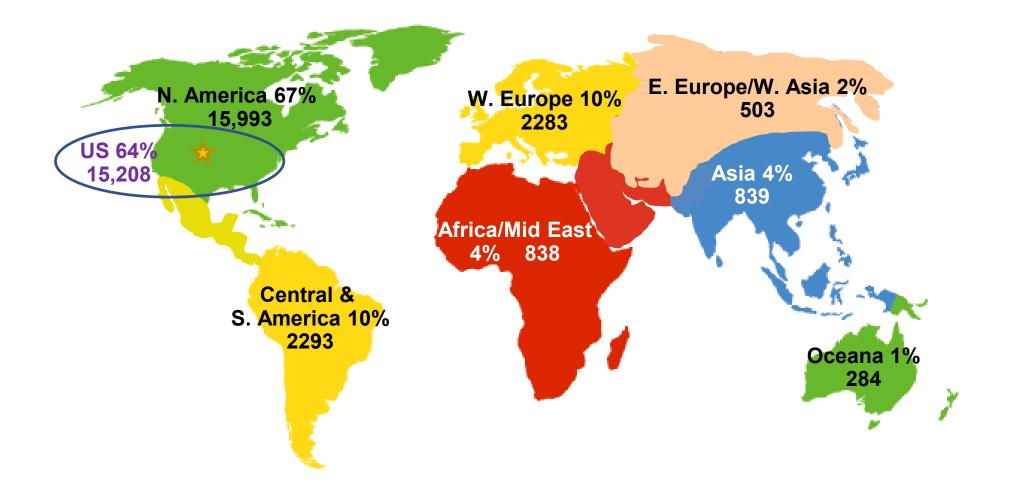


October 5, 2023



Business Aviation Overview

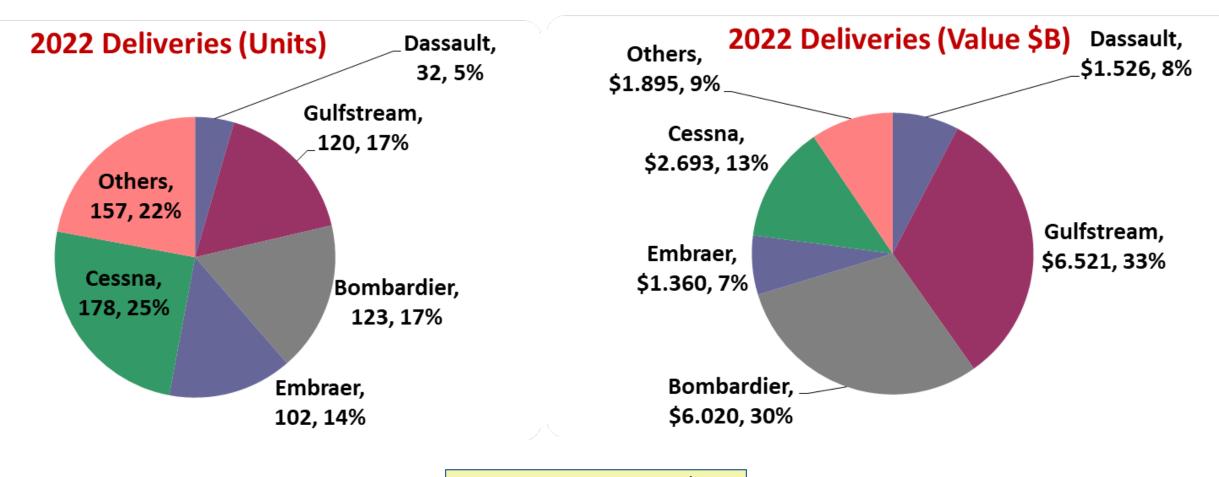
23,838 Active Business Jets; 67% Based in N America



33 Choices of Bizjet Models Compete For ~700 Annual Deliveries

OEM	Category 1	Category 2	Category 3	Category 4	Category 5	Category 6	Bizliner
	<\$5M	\$5-15M	\$15-25M	\$25-30M	\$30-50M	\$50M⁺	Airliner Deriv.
BOMBARDIER the evolution of mobility				Challenger 350 /3500	Challenger 650 Global 5500	Global 6500 Global 7500 Global 8000	
Cessna		Citation CJ3+ Cit. M2 GEN2 Cit. CJ4 GEN2	Sovereign+ Cit XLS+/Ascend Latitude	Longitude			
FALCON					Falcon 900LX Falcon 2000LXS	Falcon 6X Falcon 8X Falcon 10X	
	Phenom 100 EV	Phenom 300E	Praetor 500 Praetor 600				
Gulfstream				G280	G400 G500	G600 G650/ER/800 G700	
Others	Cirrus SF50	Pilatus PC-24 HondaJet					Boeing BBJ Airbus ACJ

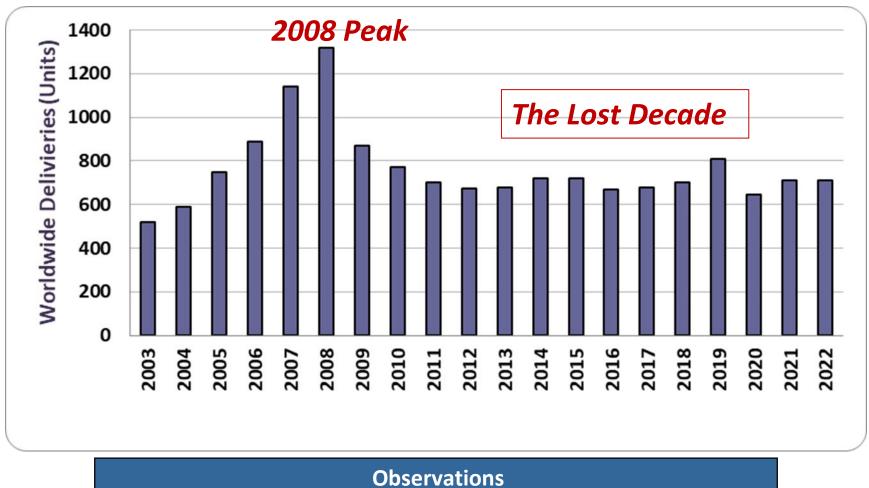
In 2022 Textron Cessna Again Delivered the Most Units, GD Gulfstream the Highest Shipment Value



2022: 712 units worth \$20B

Sources: GAMA (units), BRiFO (Value \$2022)

After a 2008 Surge, A Lost Decade of Bizjet Deliveries



- Deliveries halved following the 2008-2009 Financial Crisis
- Remained flat for over a decade

Suddenly, Business Aviation Surged During COVID

Why Private Flying Surged

- Avoiding airport crowds during COVID motivated new users
- Increased usage by existing private aircraft users
- Avoiding the airline experience and decreased schedules
- Widespread wealth creation to afford it

What's Happened Since

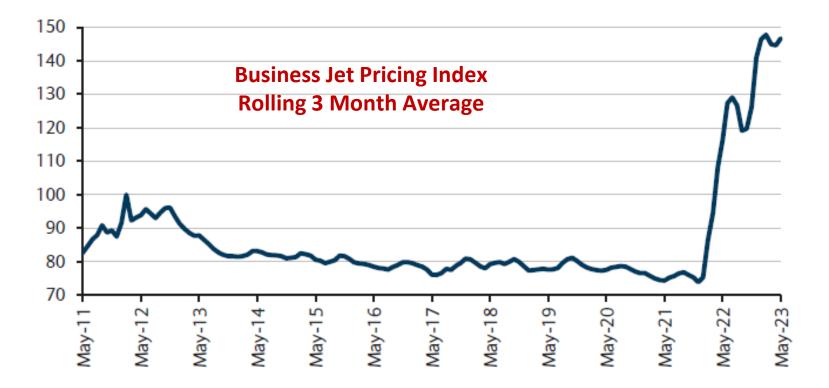
- Worldwide economic decline and possibility of recession
- Fewer used sales, higher inventory, lower prices
- Fewer but still strong new sales
- Less hysteria over airport crowds; increased airline scheduling
- Many newcomers returned to Economy-Plus airline seats

Preowned Bizjet Inventory Hit All-Time Lows -- Now Rebounding



8

COVID Caused Preowned Prices To Spike; Have Yet To Decline Despite Inventory Increase



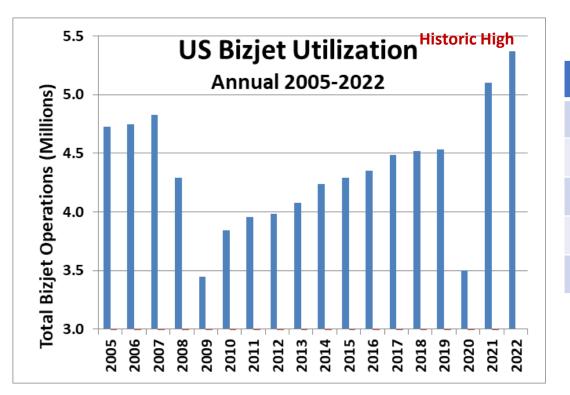
Observations

• Pandemic-induced low supply/high demand spiked preowned prices

• Anticipate eventual price decrease as inventory levels return to pre-COVID levels

9

The Pandemic Drove Record Utilization; Subsiding In 2023 But Still Above 2019



2023 Slowdown: N American Activity July 2023 vs. July 2022

	Part 91	Part 135	Fractional	All
Turboprop	-0.9%	-13.6%	2.2%	-6.4%
Light Jet	-1.3%	-13.2%	1.9%	-3.5%
Mid-Size Jet	-9.9%	-3.9%	4.8%	-3.5%
Large Jet	-0.7%	1.9%	20.1%	2.0%
All Aircraft	-2.3%	-8.5%	4.9%	-3.6%

The Recent Slowdown Arguably Benefitted The Industry

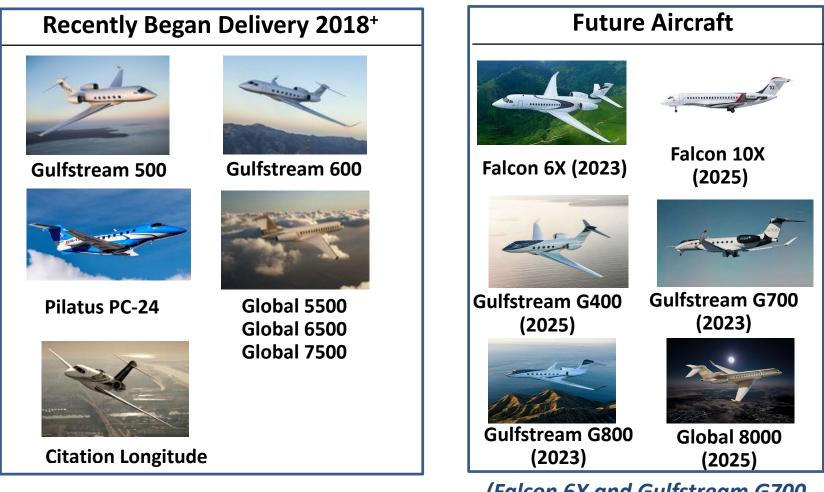
- Manufacturers
 - Supply chain catch up
 - Shorten delivery times
- MROs
 - Less utilization means fewer shop visits, but...
 - Shortened wait list and more hangar workspace
- Labor Supply
 - Opportunity to staff-up
- Brokers
 - More used inventory to buy/sell
- Charter
 - Lower demand allows service levels to recover
 - Less use of expensive sub-charter





Business Aviation Forecast

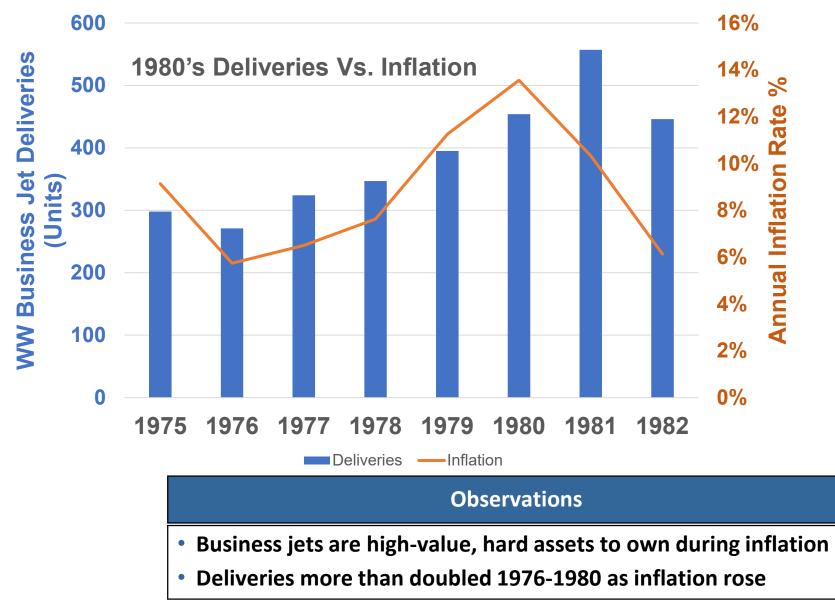
New Models To Help Stimulate Sales and Deliveries



(Falcon 6X and Gulfstream G700 delayed from 2022 to 2023)

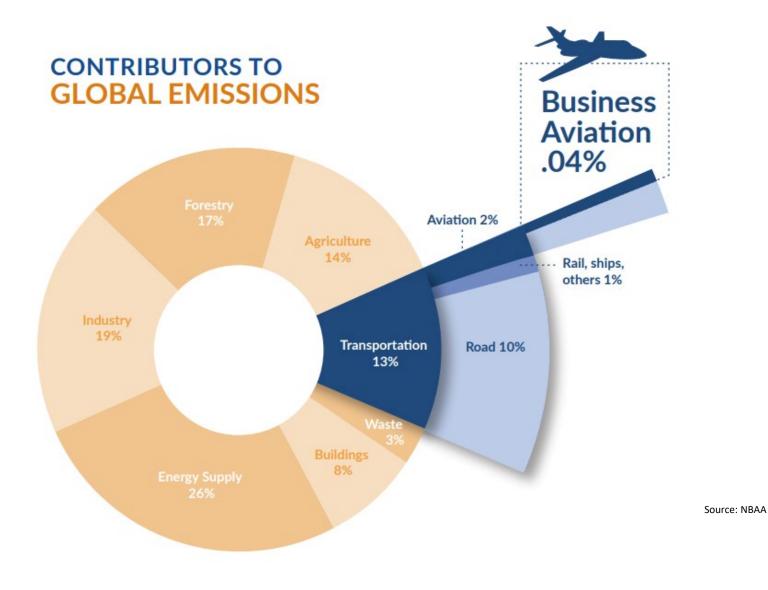


Inflation Has Actually Benefitted Aircraft Sales In The Past



"..it is generally better to own physical things ... than dollars when inflation is high" – Elon Musk

Business Aviation Accounts For 0.04% of Annual Worldwide Greenhouse Emissions





Yet Climate Activism Is Changing Market Dynamics



EBACE 2023 Geneva



Sylt, Germany



lbiza Airport, Spain



Van Nuys, CA



Amsterdam Airport



CJI Conference, London

Flyers now shun ownership in favor of anonymity provided by fractional and charter

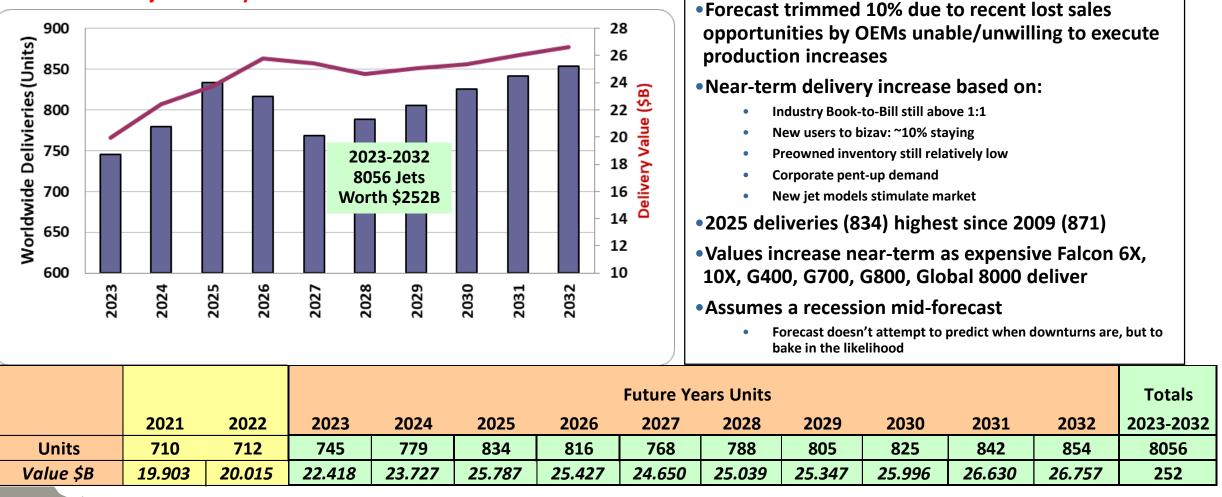
Netjets orders 1500 Textron Jets

Netjets orders 500 Embraer Jets

Flexjet orders ? (TBA at Convention 10/17)

In 2025, Deliveries To Reach Highest Level In 16 Years

Worldwide Bizjet Delivery Forecast



17



Risks To The Industry

Manufacturers

- Fractional/charter may defer/cancel fleet orders as utilization continues decline
 - (Fleets 1/3 of all 2022 deliveries)
- Speculators likely in OEM order books as long lead times grow
- Charter/Fractional
 - High-profile, large fleet operators in financial difficulty
 - A Wheels Up default would flood market with Textron aircraft
 - A Vistajet default would flood market with Bombardier aircraft
 - Smaller operations have already failed Jet It, AeroVanti...
 - Others with high debt ratios in high-interest rate environment to follow
 - Defaults would flood used market with late model aircraft competing with new

18



Kansas General Aviation Stable; Commercial Not So Much

- General Aviation Consolidation Behind Us
 - Hawker Beechcraft absorbed by Textron Aviation
 - Learjet discontinued by Bombardier
- Loss of local skilled workforce due to closings, furloughs left for stable industries
- Textron Aviation a bastion of aviation
 - Strengths
 - Product portfolio, brand, support network, segment diversification,
 SkyCourier certification, Army Blackhawk replacement (Bell division)...
 - Challenges:

BRÍFO

- Minimal bizjet improvements, Denali certification, missed COVID surge, Wheels Up consolidation or default...
- Local suppliers squeezed by primes
 - Spirit AeroSystems unsettled
 - "Boeing, Airbus contracts "not sustainable"





Business Aviation Update & Analysis



BRIFO







Brian Foley Associates (BRiFO) Independent General Aviation Experts Since 2006

Research & Strategy Aviation Research & Analysis Due Diligence Forecasting Strategic Marketing Plans Expert Witness

Business Brokerage

List/Sell Aviation Businesses Founder/Family-Owned \$1-10⁺M Revenues Deep Investor Contacts

Brian Foley Background

- Former senior marketing executive at business jet manufacturer Dassault Falcon Jet (20+ years)
- Views quoted in worldwide aviation and business press
- Transportation Research Board (TRB) Subcommittees:
 - 1) Business Aviation 2) Regional Airlines 3) Helicopters 4) UAVs
- Speaker at aviation conferences and meetings
- Instrument rated private pilot
- Began career in Boeing Fight Test Engineering and then Marketing
- MBA Marketing, Seattle University BS Aerospace / Mechanical Engineering, Syracuse Univ. Wharton Executive Education – Corporate Governance
- Forbes.com aviation contributor, AvBuyer Editor

Industry Management Experience Prior To Consulting Adds Real-World Perspective