# **Bombardier Challenger Series**

Market Briefing

Fall 2017



# **Marketplace Overview**

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#### **SUMMER 2017**

The trend since 2015 of business jet transactions closing more quickly, for the most part, has continued, with six fewer days required than this past Spring. Turboprops recorded a slight increase in selling time of only three days over the same period.

Days On Market	2017	2016	2015	
Jets	422	421	457	
Turboprops	480	468	496	

While the number of transactions declined from 2015 to this past Spring, there has been a noticeable uptick during the past half year. Jet sales increased by 120 and turboprops rose by 73.

Transactions	2017	2016	2015	
New Jets	120	159	160	
Used Jets	796	790	826	
New Turboprops	70	92	92	
Used Turboprops	360	417	380	
New Turboprops	70		92	

The worldwide inventory of pre-owned aircraft is at the lowest level since 2008, with approximately 10.5 percent of the fleet for sale. There were five percent fewer aircraft on the market this past July versus that same month last year.

2017	2016	2015
2,244	2,425	2,276
1,144	1,223	1,168
	2,244	2,244 2,425

#### **Percent For Sale**

Quest KODIAK 100 experienced the largest increase in aircraft for sale at 122 percent. Gulfstream G280 logged the greatest drop in available aircraft with an 83 percent decrease.

#### **Average Asking Price**

Greatest growth in market value was logged by the Lear 40 at 39.7 percent. At the other end of the spectrum was the Legacy 650, which dropped 37.4 percent. Sixteen models recorded Average Asking Price rises, one had no change, and 69 declined.

Nine fewer models (33) exhibited generally-accepted economic supply and demand theory than this past Spring when 42 of the tracked aircraft reacted in accordance with historic behavior. Fifty models saw availability and market value move in the same direction while the remaining three had no change in one parameter, but experienced a variation in the other.

# Market Briefing Summaries (September 2016 - August 2017)

#### Symopsis

#### **Challenger Market Value Decreases** Despite Availability.

Even though only the 601-1A and 601-3A had more aircraft (two each) for sale, Average Asking Prices lowered on every Challenger model, averaging 11.1 percent for the group. Largest decline was the 850 at a 27.5 percent decrease while the 601-1A only dropped 0.4 percent. Availability reduced by 32 (-13.0%) aircraft for the Challenger product line, ranging from two additional for the 601-1A and 601-3A to 15 fewer for the 300.

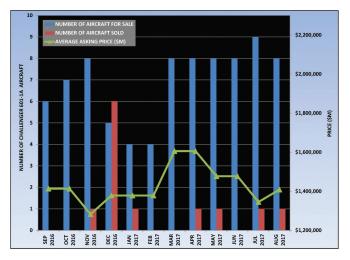
Of the three Bombardier product lines, Challenger notched the second greatest market value loss (-11.1%) ahead of Global (-19.0%) and behind Learjet (-2.1%).

Average Asking Prices for the Bombardier combined product lines lowered 8.6 percent, finishing behind Single Engine Turboprops (-2.3%), Dassault Aviation Falcon Jets (-5.4%), and Textron Aviation (-8.0%), but ahead of Gulfstream (-12.7%) and Embraer (-14.8%).

#### BOMBARDIER INVENTORY ABSORPTION RATE (In Months)

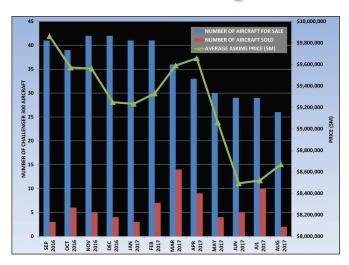


# Bombardier Challenger 601-1A



- → Aircraft For Sale: 8
  - +33% from 6 Aircraft
- United States: 3 to 4
- International: \$\Pi\$ 3 to 4
- + Fleet Size: 48
- → Fleet Availability: **16.7**%
- → Avg. Model Year: 1985
- + Avg. Total Time: 10,524 Hrs.
- → Avg. Asking Price: \$1,408,333
  - \$5,000 (-0.4%)
- > Inventory Absorption Rate: 8.0 Months at current availability

#### Bombardier Challenger 300



- → Aircraft For Sale: 26
  - -37% from 41 Aircraft
- → United States: 16 to 10
- → International: ↓ 25 to 16
- + Fleet Size: 454
- → Fleet Availability: 5.7%
- + Avg. Model Year: 2008
- + Avg. Total Time: 3,772 Hrs.
- → Avg. Asking Price: \$8,669,500
  - \$1,194,324 (-12.1%)
- > Inventory Absorption Rate: 4.3 Months at current availability

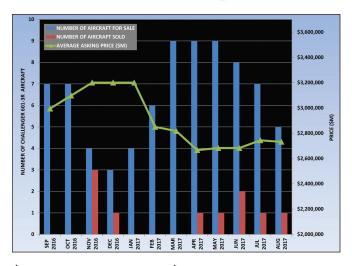
#### Bombardier Challenger 601-3A



- → Aircraft For Sale: 15
  - +15% from 13 Aircraft
- United States: 1 6 to 9
- → International: 
  ↓ 7 to 6
- + Fleet Size: 131
- → Fleet Availability: 11.5%
- → Avg. Model Year: 1991
- + Avg. Total Time: 8,225 Hrs.
- → Avg. Asking Price: \$1,747,500
  - **\$150,500 (-7.9%)**
- > Inventory Absorption Rate: 4.9 Months at current availability

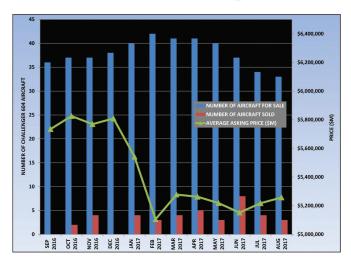
# Market Briefing Summaries (September 2016 - August 2017)

#### Bombardler Challenger 601-3R



- → Aircraft For Sale: 5
  - -29% from 7 Aircraft
- International:
- → Fleet Size: 58
- → Fleet Availability: 8.6%
- + Avg. Model Year: 1994
- + Avg. Total Time: 9,098 Hrs.
- → Avg. Asking Price: \$2,731,667
  - \$263,333 (-8.8%)
- > Inventory Absorption Rate: 6.0 Months at current availability

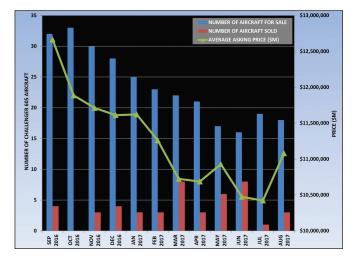
#### Bombardier Challenger 604



- → Aircraft For Sale: 33
  - -8% from 36 Aircraft
- → International: 

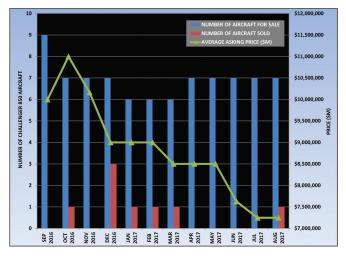
  ↓ 19 to 18
- + Fleet Size: 362
- → Fleet Availability: 9.1%
- + Avg. Model Year: 2001
- + Avg. Total Time: 5,918 Hrs.
- → Avg. Asking Price: \$5,257,727
  - \$476,979 (-8.3%)
- > Inventory Absorption Rate: 9.9 Months at current availability

# Bombardier Challenger 605



- → Aircraft For Sale: 18
  - -44% from 32 Aircraft
- → International: ↓ 22 to 11
- + Fleet Size: 287
- → Fleet Availability: 6.3%
- → Avg. Model Year: 2010
- + Avg. Total Time: 2,962 Hrs. → Avg. Asking Price: \$11,079,500
  - \$1,585,917 (-12.5%)
- + Inventory Absorption Rate: 4.7 Months at current availability

# **Bombardier Challenger 850**



- → Aircraft For Sale: 7
  - -22% from 9 Aircraft
- → United States: 
  → 2 to 2.
- → International: 

  ↓ 7 to 5
- + Fleet Size: 69
- → Fleet Availability: 10.1%
- → Avg. Model Year: 2006
- → Avg. Total Time: 3,997 Hrs.
- → Avg. Asking Price: \$7,247,500
  - \$2,749,167 (-27.5%)
- > Inventory Absorption Rate: 10.5 Months at current availability



# JetPak Market Valuation

MAKE AND MODEL SPECIFIC



Market information is a critical component of any aircraft transaction. Therefore, it only makes sense to begin the process — as either buyer or seller — with accurate and up-to-date knowledge regarding your current make and model aircraft, or the business jet or turboprop you wish to acquire.

The Holstein Aviation JetPak Aircraft Valuation provides you with a marketplace overview accompanied by data on specified aircraft, all at no cost or obligation to you!

#### **JetPak Features**

- ▶ Price range
- ▶ Number available
- ► Average days on market
- Sales and pricing trends
- ▶ Market Activity



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- ▶ 300 years of total experience
- ▶ 66,000 combined flight hours
- ► 4,700 transactions
- ▶ \$10 billion in revenue

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