

Bombardier Challenger 300/600

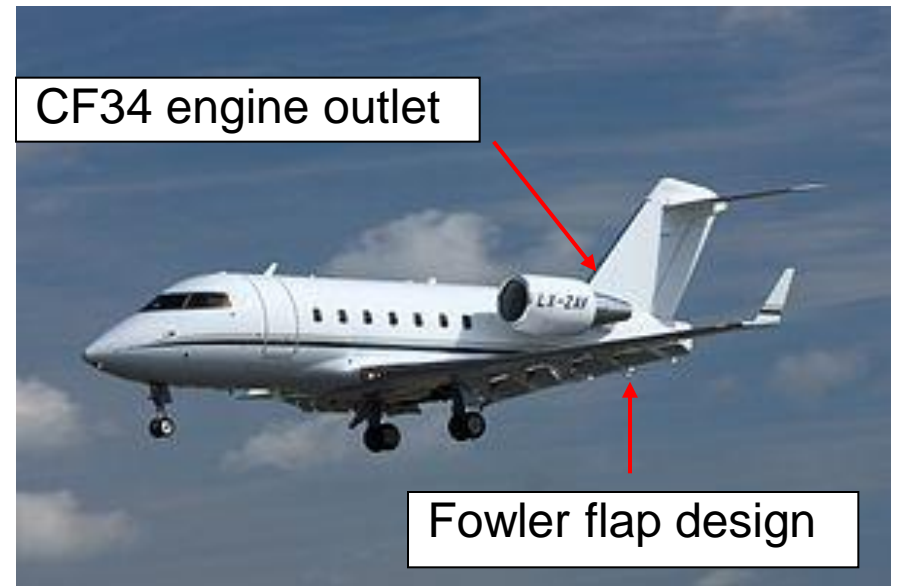
Specifications (601A)

- Length: 68.5'
- Wingspan: 64'
- Range: 3,875 miles
- Max landing weight: 37,000 lbs

FACT

Originally a business jet, a stretched version forms the basis of the popular CRJ commercial fleet.

Distinctive Characteristics



While the Challenger series accounts for only 0.5% of ACK traffic, it generates nearly 3% of our total revenue.

Bombardier Global Express

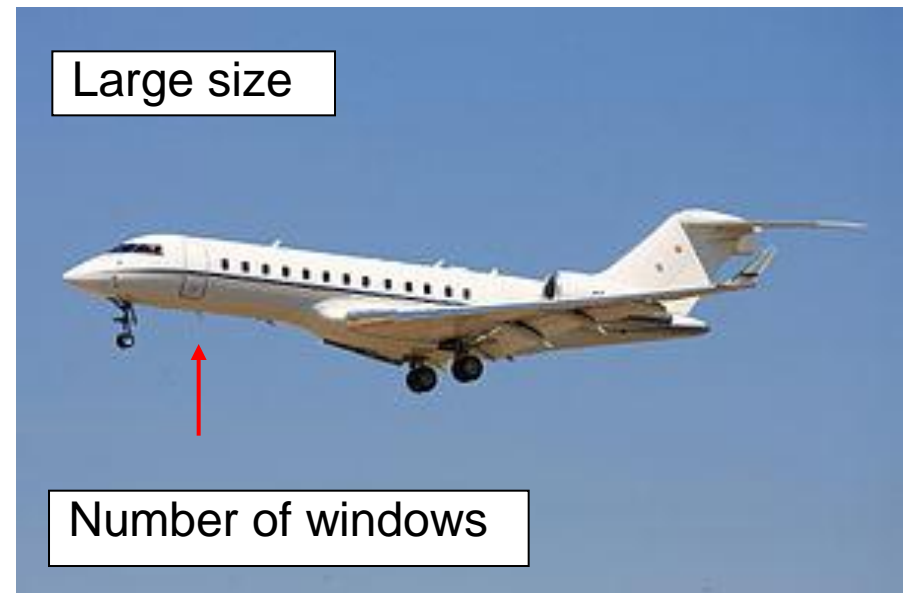
Specifications (5000)

- Length: 97'
- Wingspan: 94'
- Range: 5,200 miles
- Max landing weight: 79,000 lbs

FACT

One of the larger business jets seen at ACK, it can fly to Tokyo without refueling.

Distinctive Characteristics



Even though it's a large and highly visible plane, there were only 114 operations of this aircraft at ACK in 2013.

Cessna Citation Jet (Model 525)

Specifications (CJ1+)

- Length: 43'
- Wingspan: 47'
- Range: 1,300 miles
- Max landing weight: 10,000 lbs

FACT

The Citation Jet replaced the original Citation and Citation 1.

Distinctive Characteristics



There were 576 operations of this aircraft at ACK in 2013.



Cessna Citation Sovereign

Specifications

- Length: 63.5'
- Wingspan: 63'
- Range: 3,276 miles
- Max landing weight: 28,000 lbs

FACT

For its size, the Sovereign can utilize relatively short runways.

Distinctive Characteristics



There were 356 operations of this aircraft at ACK in 2013.

Cessna Citation X

Specifications

- Length: 72'
- Wingspan: 63.5'
- Range: 3,700 miles
- Max landing weight: 32,000 lbs

FACT

The Citation X is currently the fastest civilian aircraft in the world.

Distinctive Characteristics



The Citation X generated 2% of ACK's total revenue while accounting for only 0.3% of our operations.

Cessna Citation Excel/XLS

Specifications (XLS)

- Length: 52.5'
- Wingspan: 56'
- Range: 1,858 miles
- Max landing weight: 18,000 lbs

FACT

The Citation Excel merged elements from the Citation X and Citation V.

Distinctive Characteristics



The Excel family is popular, accounting for 1,202 operations in 2013 (about 1% of the ACK total).

Dassault Falcon 900

Specifications (900B)

- Length: 66'
- Wingspan: 63'
- Range: 4,598 miles
- Max landing weight: 44,500 lbs

FACT

The distinctive TriJet uses an S-duct as a solution to a central, in-line engine location.

Distinctive Characteristics



While easy to spot, the Falcon 900 only accounted for 232 operations in 2013.

Cessna 402

Specifications (402C)

- Length: 36'
- Wingspan: 44'
- Range: 1,467 miles
- Max landing weight: 8,000 lbs

FACT

This workhorse has been in safe operation since 1967: Airport tenant Cape Air is its largest operator

Distinctive Characteristics



The Cessna 402 still dominates ACK, accounting for the plurality of all aircraft operations.

Pilatus PC-12

Specifications

- Length: 47'
- Wingspan: 53'
- Range: 2,593 miles
- Max landing weight: 10,000 lbs

FACT

Swiss built, the PC-12 serves as both a commercial and regional transport aircraft.

Distinctive Characteristics

1 engine, low slung wing



Although a small component of total operations (1.5% overall), PC-12 operations have grown significantly (250%) since 2004.

Cessna 208 Caravan

Specifications (208B)

- Length: 41'
- Wingspan: 52'
- Range: 1,078 miles
- Max landing weight: 9,000 lbs

FACT

The 208 is used as a utility aircraft, regional airliner, and cargo feederliner.

Distinctive Characteristics

high slung wing, fixed landing gear



Made popular by Airport tenant Island Airlines, the Caravan is quickly becoming an important component of ACK operations.

Gulfstream G650

Specifications

- Length: 100'
- Wingspan: 100'
- Range: 8,050 miles
- Max landing weight: 83,500 lbs

FACT

The G650 is one of 2 current business jets to use *Fly by Wire* control systems.

Distinctive Characteristics



The first G650 landing at ACK occurred in 2013, and only 19 operations have occurred since.

Gulfstream G550

Specifications

- Length: 96'
- Wingspan: 93'
- Range: 6,648 miles
- Max landing weight: 75,300 lbs

FACT

The G550 is used for VIP transports by both the U.S. Air Force and U.S. Navy.



There were 150 G550 operations at ACK in 2013.



Gulfstream G-IV

Specifications

- Length: 88'
- Wingspan: 77'
- Range: 4,220 miles
- Max landing weight: 66,000 lbs

FACT

The NOAA owns and flies a G-IV at 45,000' around hurricanes to measure strength and forecast storm path.



There were 450 G-IV operations at ACK in 2013.

Gulfstream G-III

Specifications

- Length: 83'
- Wingspan: 77'
- Range: 4,220 miles
- Max landing weight: 42,000 lbs

FACT

A total of 206 Gulfstream III's were built.



Due in part to its low production numbers, only 12 G-III operations occurred at ACK in 2013.

Gulfstream G200

Specifications

- Length: 62'
- Wingspan: 58'
- Range: 3,400 miles
- Max landing weight: 30,000 lbs

FACT

Originally designed and built by an Israeli-Soviet partnership, the IAI Galaxy was bought by Gulfstream and renamed the G-200.



186 G-200 operations occurred at ACK in 2013.



Gulfstream G-150

Specifications

- Length: 56'
- Wingspan: 55'
- Range: 3,000 miles
- Max landing weight: 21,700 lbs

FACT

Like the G-200, The G-150 originated from an Israeli design, the IAI Astra.



70 G-150 operations occurred at ACK in 2013.



Cessna Citation I (Model 500)

Specifications (Citation I)

- Length: 43'
- Wingspan: 47'
- Range: 1,328 miles
- Max landing weight: 12,000 lbs

FACT

The early Citation I was one of the first corporate jets powered by a turbofan (rather than turbojet).



26 Citation I operations occurred at ACK in 2013.



Cessna Citation II (Model S550)

Specifications (Citation II)

- Length: 47'
- Wingspan: 51'
- Range: 1,998 miles
- Max landing weight: 12,700 lbs

FACT

The Citation II is an improved and larger version on the Citation I, and utilizes the same airframe.



186 Citation II operations occurred at ACK in 2013.

Cessna Citation III

Specifications (Citation III)

- Length: 53'
- Wingspan: 55'
- Range: 2,345 miles
- Max landing weight: 20,000 lbs

FACT

The Citation III, despite superficial appearance to the Citation II, was built from scratch to compete in the mid-sized corporate jet market.



116 Citation III operations occurred at ACK in 2013.



Cessna Citation V (Model 560)

Specifications (Citation Ultra)

- Length: 48'
- Wingspan: 52'
- Range: 1,960 miles
- Max landing weight: 16,500 lbs

FACT

The Citation V was not designed as continuation from the III, but rather from the Citation II/SP.



410 Citation V operations occurred at ACK in 2013.

Cessna Citation Mustang

Specifications (Model 510)

- Length: 40'
- Wingspan: 43'
- Range: 1,167 miles
- Max landing weight: 8,000 lbs

FACT

The Citation Mustang is a very light business jet, and is approved for single pilot operation.



106 Citation Mustang operations occurred at ACK in 2013.

Dassault Falcon 10

Specifications:

- Length: 45'
- Wingspan: 42'
- Range: 2,212 miles
- Max landing weight: 17,160 lbs

FACT

The Falcon 10 is an early corporate jet, first built in 1971.



16 Falcon 10 operations occurred at ACK in 2013.

Dassault Falcon 20

Specifications (20F):

- Length: 56'
- Wingspan: 53'
- Range: 1,808 miles
- Max landing weight: 27,320 lbs

FACT

Production of the Falcon 20 began in 1961: while designed as a military liaison aircraft, it found a niche in the early corporate market.



12 Falcon 10 operations occurred at ACK in 2013.



Dassault Falcon 2000

Specifications (2000DX):

- Length: 66'
- Wingspan: 63'
- Range: 3,250 miles
- Max landing weight: 33,000 lbs

FACT

The Falcon 2000 can land at 90% of its maximum takeoff weight: this means it can tanker fuel and avoid expensive refueling at (typically) smaller airports.



314 Falcon 2000 operations occurred at ACK in 2013.

Dassault Falcon 50

Specifications:

- Length: 60'
- Wingspan: 61'
- Range: 3,500 miles
- Max landing weight: 36,000 lbs

FACT

The Falcon 50 is still popular, but no longer under production, having given way to the Falcon 900 and 7X models.



206 Falcon 50 operations occurred at ACK in 2013.

Dassault Falcon 7X

Specifications:

- Length: 76'
- Wingspan: 86'
- Range: 5,940 miles
- Max landing weight: 63,000 lbs

FACT

The Falcon 7X is the first fully “fly by wire” business jet, meaning that cable-controlled surfaces are replaced by electronic interface.



6 Falcon 7X operations occurred at ACK in 2013.



Eclipse 500

Specifications:

- Length: 37'
- Wingspan: 33'
- Range: 1,125 miles
- Max landing weight: 6,000 lbs

FACT

The Eclipse 500 was priced and marketed to toward high-end turbo prop owners and air taxi customers.



54 Eclipse 500 operations occurred at ACK in 2013.

Embraer ERJ 135

Specifications (ERJ ER):

- Length: 86'
- Wingspan: 65'
- Range: 1,300 miles
- Max landing weight: 41,000 lbs

FACT

The Embraer ERJ 135 was originally built for low-demand markets, although it has also found use for charter and private ownership.



41 ERJ 135 operations occurred at ACK in 2013.

Embraer Phenom 100

Specifications:

- Length: 42'
- Wingspan: 40'
- Range: 1,178 miles
- Max landing weight: 9,766 lbs

FACT

The Embraer Phenom 100 was designed for single pilot flight, short runways, and efficient operating costs.



42 Phenom 100 operations occurred at ACK in 2013.



Air Force Two

(A Special Thanksgiving Edition)

Specifications (757-200):

- Length: 155'
- Wingspan: 124'
- Range: 4,100 miles
- Max landing weight: 197,780 lbs

FACT

The call sign “Air Force Two” is designated for any U.S. Air Force aircraft serving as the Vice President’s transport. This is commonly a Boeing C-32, which is a variant of the 757-200.



Bonus Fact: Modifications (and skilled pilots) allow the C-32 to use shorter runways than the 757-200.

Embraer Phenom 300

Specifications:

- Length: 52'
- Wingspan: 53'
- Range: 2,268 miles
- Max landing weight: 16,865 lbs

FACT

The Embraer Phenom 300 was 2013's "most delivered business jet", with 60 aircraft delivered around the world.



Phenom 122 operations occurred at ACK in 2013.



Hawker Beechcraft 4000

Specifications:

- Length: 69'
- Wingspan: 61'
- Range: 3,280 miles
- Max landing weight: 34,000 lbs

FACT

The Hawker 4000 was the first aircraft in its class to use carbon fiber construction, giving the cabin more headroom and aircraft an extended range.



60 Hawker 4000 operations occurred at ACK in 2013.



Hawker Beechcraft 800

Specifications (850XP):

- Length: 51'
- Wingspan: 54'
- Range: 2,642 miles
- Max landing weight: 24,000 lbs

FACT

The Hawker 800 is an internationally popular midsize business jet, especially among fractional share ownership companies.



544 Hawker 800 operations occurred at ACK in 2013.



Beechcraft Premier I

Specifications:

- Length: 46'
- Wingspan: 44'
- Range: 1,645 miles
- Max landing weight: 11,600 lbs

FACT

The Premier I is constructed with a high-strength composite, carbon fiber/epoxy honeycomb fuselage.



34 Premier I operations occurred at ACK in 2013.

Hawker Beechcraft 400

Specifications (400A):

- Length: 43'
- Wingspan: 48'
- Range: 1,693 miles
- Max landing weight: 15,000 lbs

FACT

The Hawker 400, originally designed as the Mitsubishi MU-300 Diamond, was re-designated as the BeechJet 400, and finally as the Hawker 400.



361 Hawker 400 operations occurred at ACK in 2013.

Jet Commander/IAI Westwind

Specifications (Westwind II):

- Length: 44'
- Wingspan: 52'
- Range: 2,392 miles
- Max landing weight: 19,000 lbs

FACT

From 1963 to 1987, this business jet was produced under a number of different manufacturers, eventually becoming a the platform for the Gulfstream G-150.



8 Jet Commander 400 operations occurred at ACK in 2013.

Learjet 31

Specifications:

- Length: 48'
- Wingspan: 43'
- Range: 1,877 miles
- Max landing weight: 16,000 lbs

FACT

The Learjet 31 has a maximum cruise altitude of 51,000' MSL.



18 Learjet 31 operations occurred at ACK in 2013.

Learjet 35/36

Specifications (Learjet 35):

- Length: 39'
- Wingspan: 48'
- Range: 2,306 miles
- Max landing weight: 15,000 lbs

FACT

The Learjet 35 also exists in a popular military variant, the C-21A.



58 Learjet 35/36 operations occurred at ACK in 2013.

Learjet 40

Specifications:

- Length: 55'
- Wingspan: 47'
- Range: 1,786 miles
- Max landing weight: 19,200 lbs

FACT

The Learjet 40 was derived from the Learjet 45 to take the place of the discontinued Learjet 31 .



72 Learjet 40 operations occurred at ACK in 2013.

Learjet 45

Specifications:

- Length: 58'
- Wingspan: 47'
- Range: 1,968 miles
- Max landing weight: 20,000 lbs

FACT

The Learjet 45 is popular with several flight simulators.



106 Learjet 45 operations occurred at ACK in 2013.

Learjet 55

Specifications:

- Length: 55'
- Wingspan: 43'
- Range: 2,492 miles
- Max landing weight: 18,000 lbs

FACT

The Learjet 55's distinctive winglets gave rise to its nickname, "*Longhorn*".



32 Learjet 55 operations occurred at ACK in 2013.

Learjet 60

Specifications:

- Length: 58'
- Wingspan: 43'
- Range: 2,773 miles
- Max landing weight: 20,000 lbs

FACT

The Learjet 60 is the last legacy Learjet, using the same wing originally designed by Bill Lear in 1963.



72 Learjet 60 operations occurred at ACK in 2013.

McDonnell Douglas DC-9-10

Specifications:

- Length: 104'
- Wingspan: 89'
- Range: 1,590 miles
- Max landing weight: 99,000 lbs

FACT

The MD DC-9-10 has been out of production since 2006, ending a 41 year legacy.



18 McDonnell Douglas DC-9-10 operations occurred at ACK in 2013.

North American Sabreliner

Specifications:

- Length: 44'
- Wingspan: 44'
- Range: 2,170 miles
- Max landing weight: 23,000 lbs

FACT

The Sabreliner obtained its FAA certificate in 1963. While it was more common as a military variant, some private aircraft still remain in service.



6 Sabreliner operations occurred at ACK in 2013.