

ASCEND

The World's Freighter Fleet

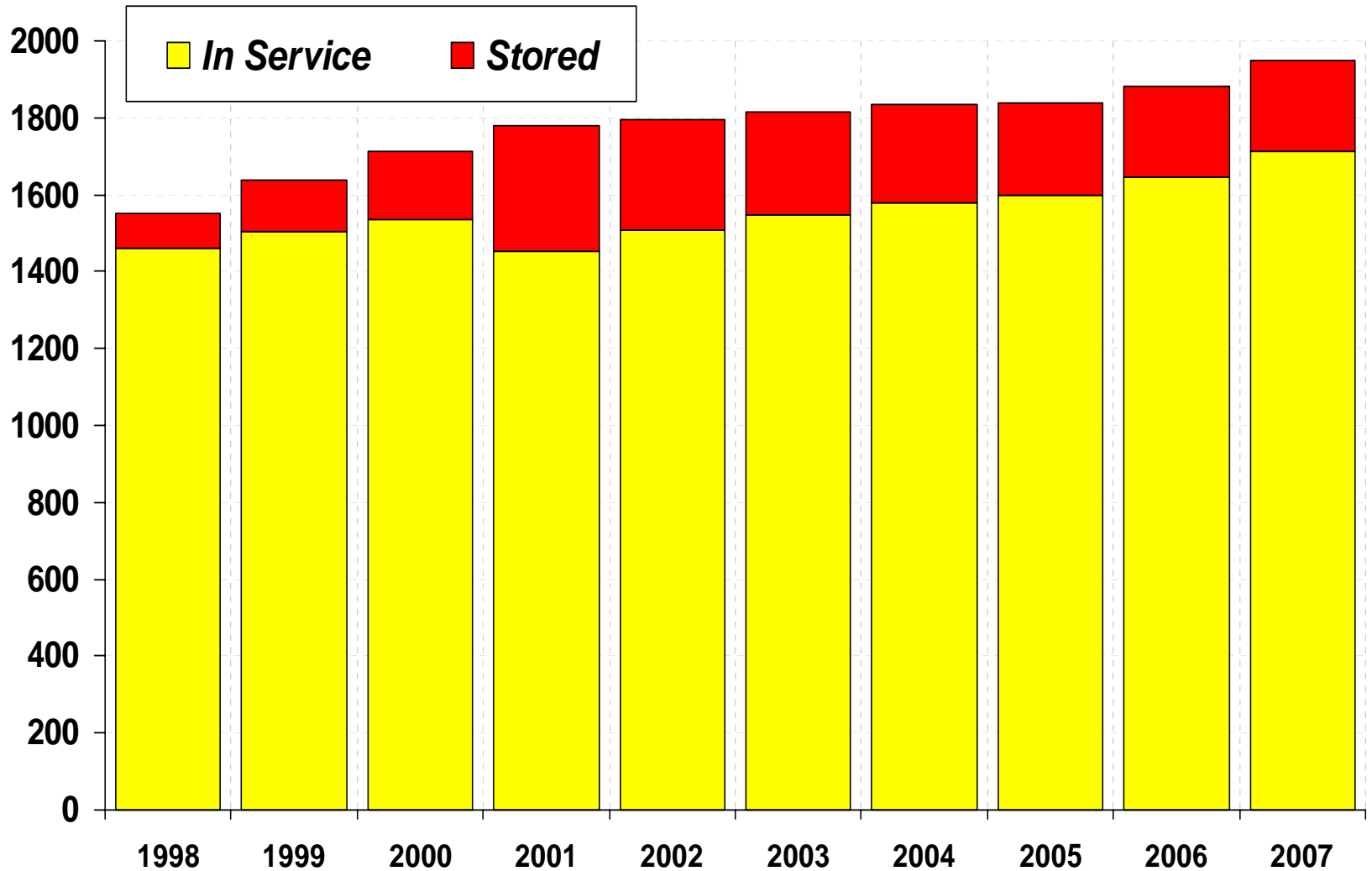
*5th Annual Cargo Aircraft & Operations
Conference, Rome, January 2007*

Chris Seymour, Head of Market Analysis, Ascend

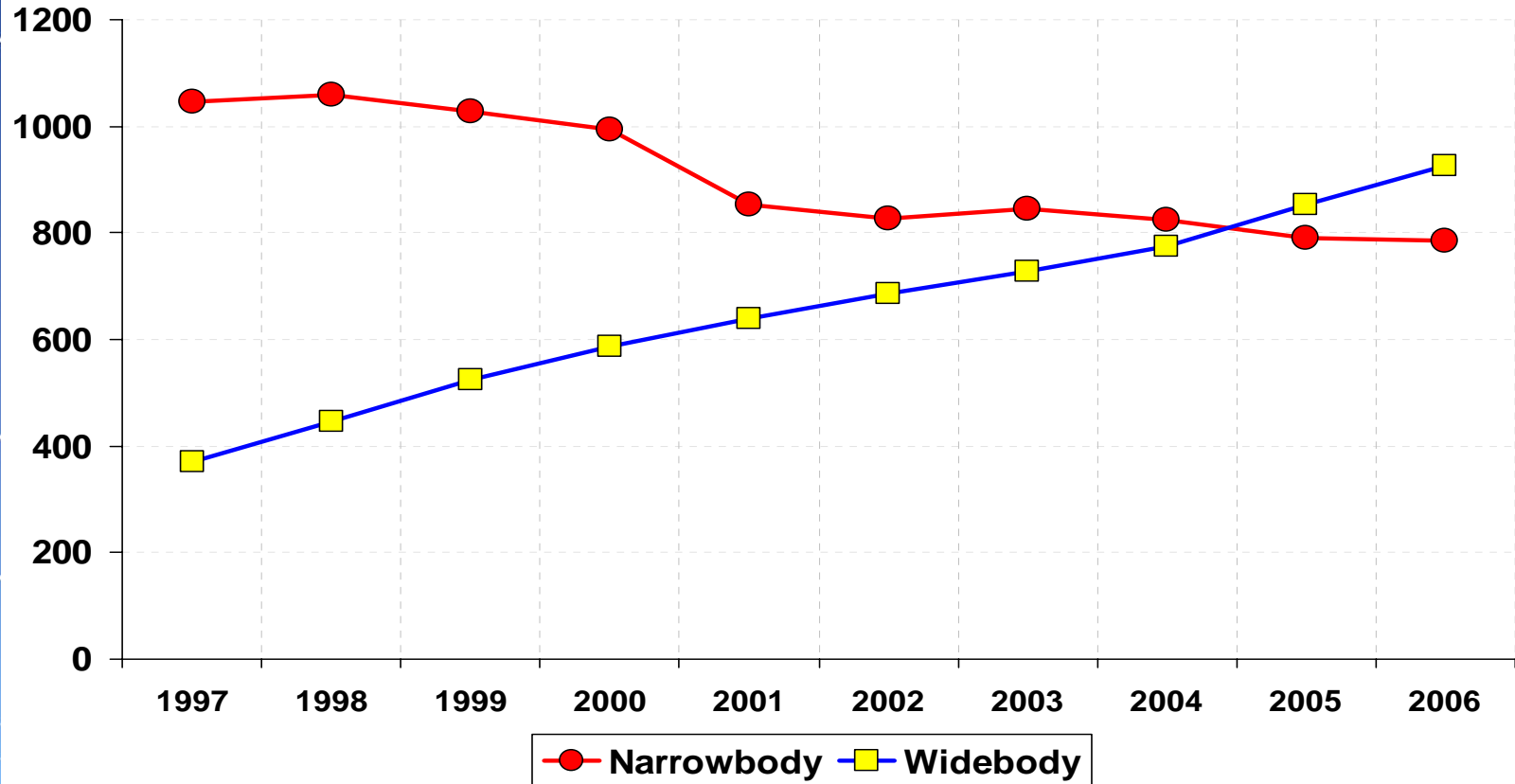
Ascend – A Division of Airclaims

A large cargo aircraft, likely a Boeing 747, is shown from a low-angle perspective, flying over a mountain range. The aircraft is the central focus, with its four engines and landing gear visible. The background features a range of mountains under a cloudy sky. The overall scene is presented in a slightly desaturated, blue-tinted color palette.

- ***Ascend is the new brand for Airclaims Information and Consultancy Division***
- ***Launched at Farnborough Air Show in July 2006***
- ***Airclaims formed in 1966 as aviation loss-adjusters, later adding publications, databases, appraisals, consultancy, traffic forecasting***
- ***MBO in January 2005***
- ***The largest company to combine aviation data + consultancy***

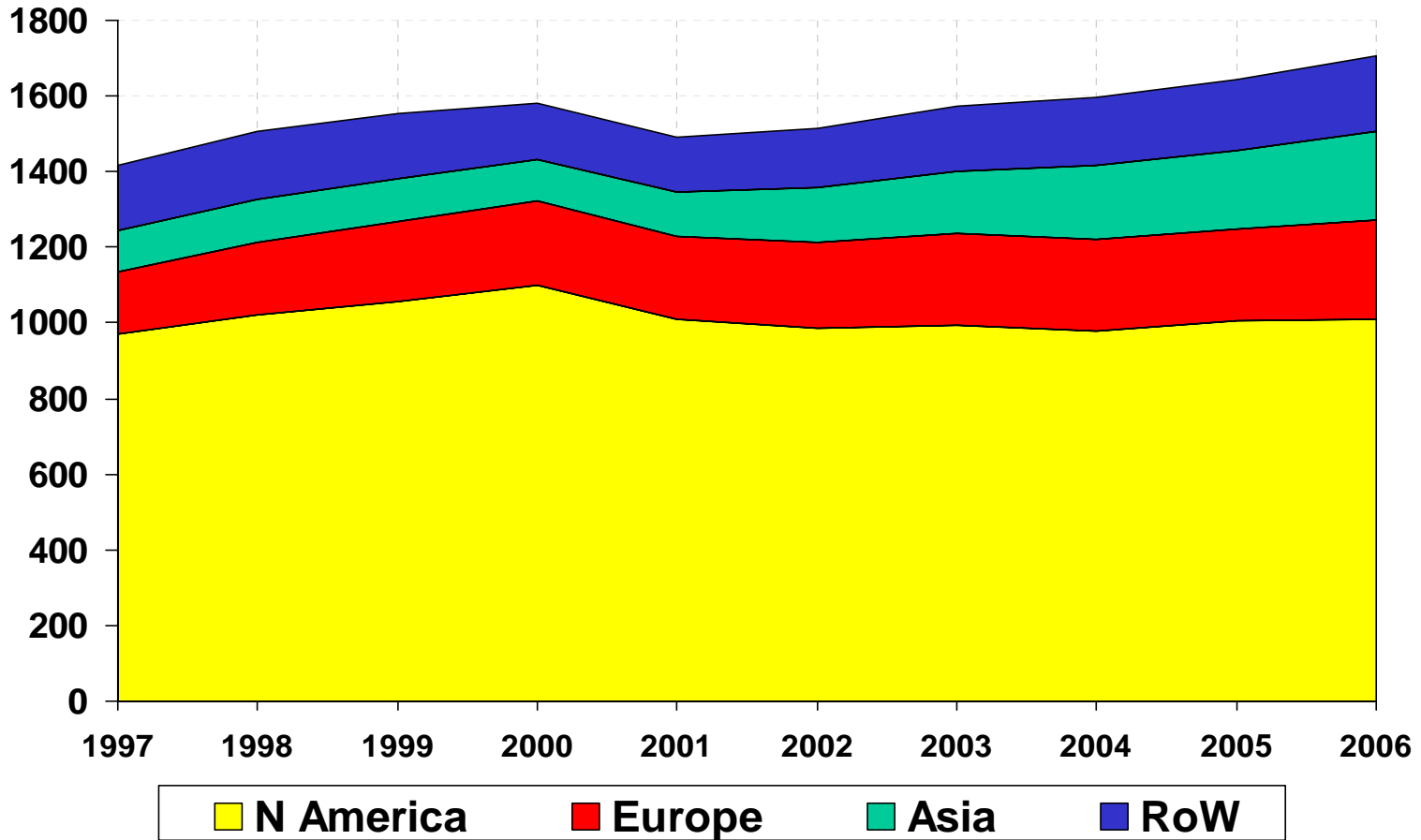


Widebody fleet in-service grows 150% in ten years



Source: Ascend CASE Database

60% of fleet in N America; 15% Europe, 14% Asia, 11% RoW



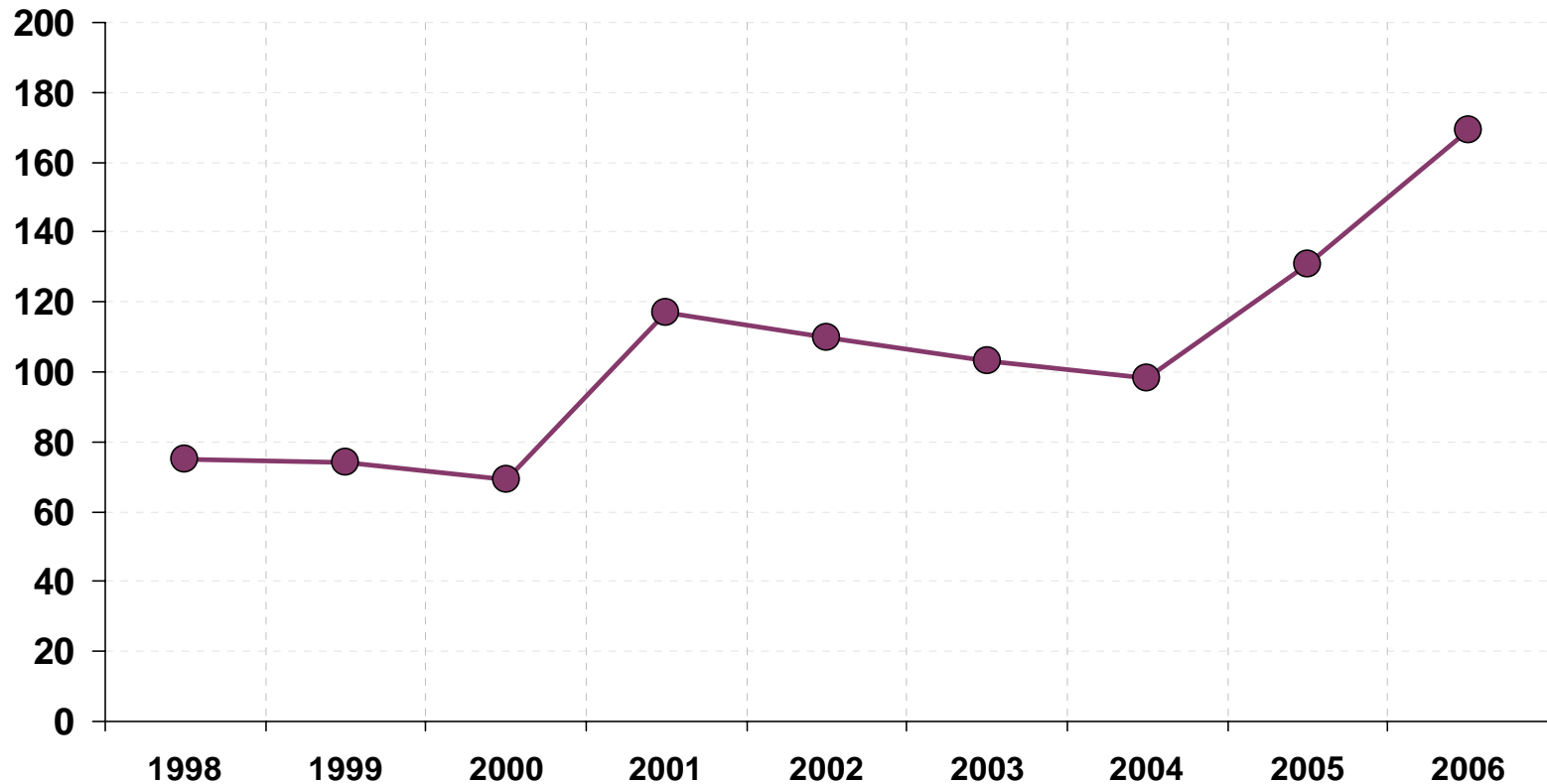
Source: Ascend CASE Database

2006 – 81 new orders (12x 747-400F; 36x 747-8F; 33x777F);
10 A380F cancellations



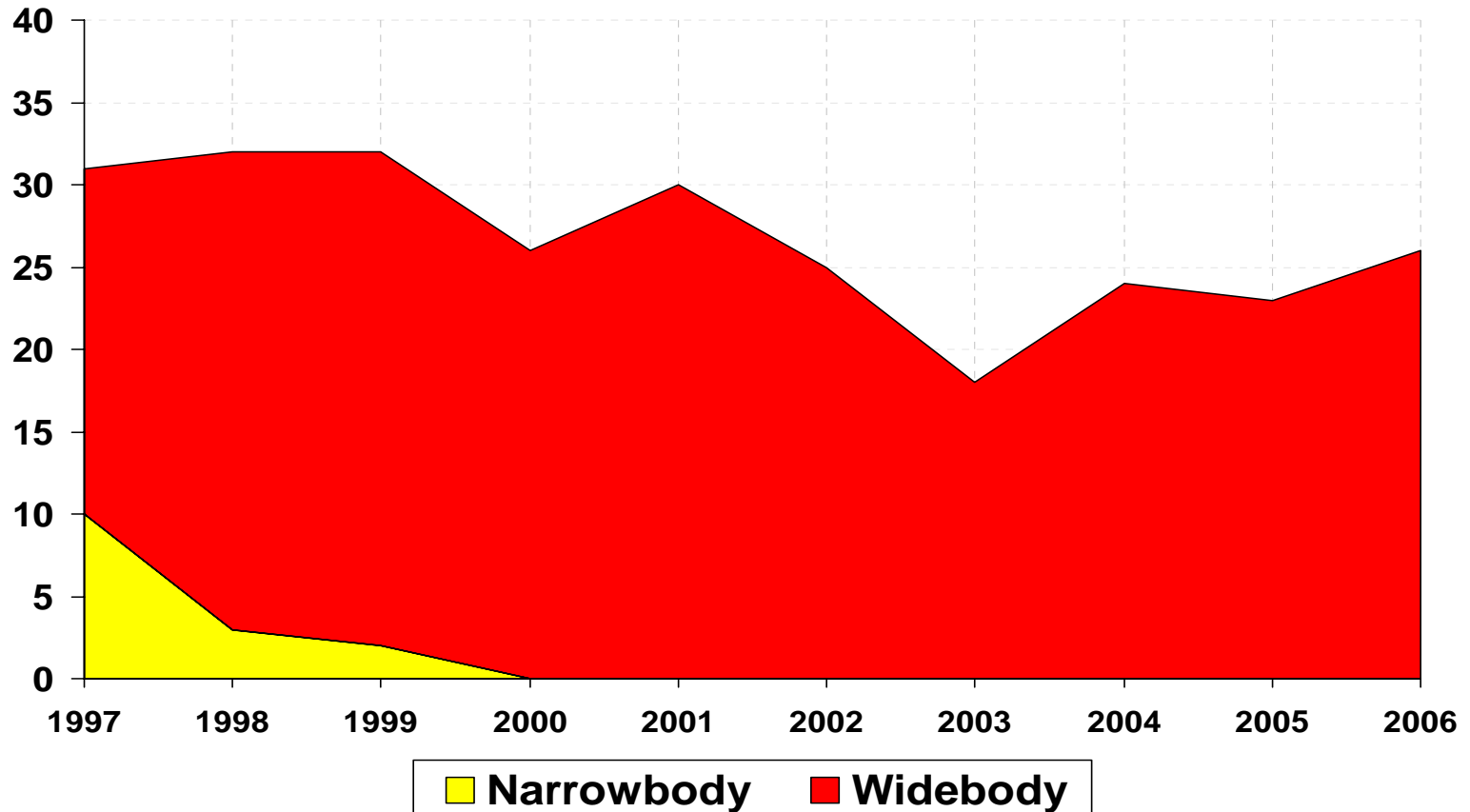
Source: Ascend CASE Database

At record levels end of 2006 – A330-200F added in Jan 2007



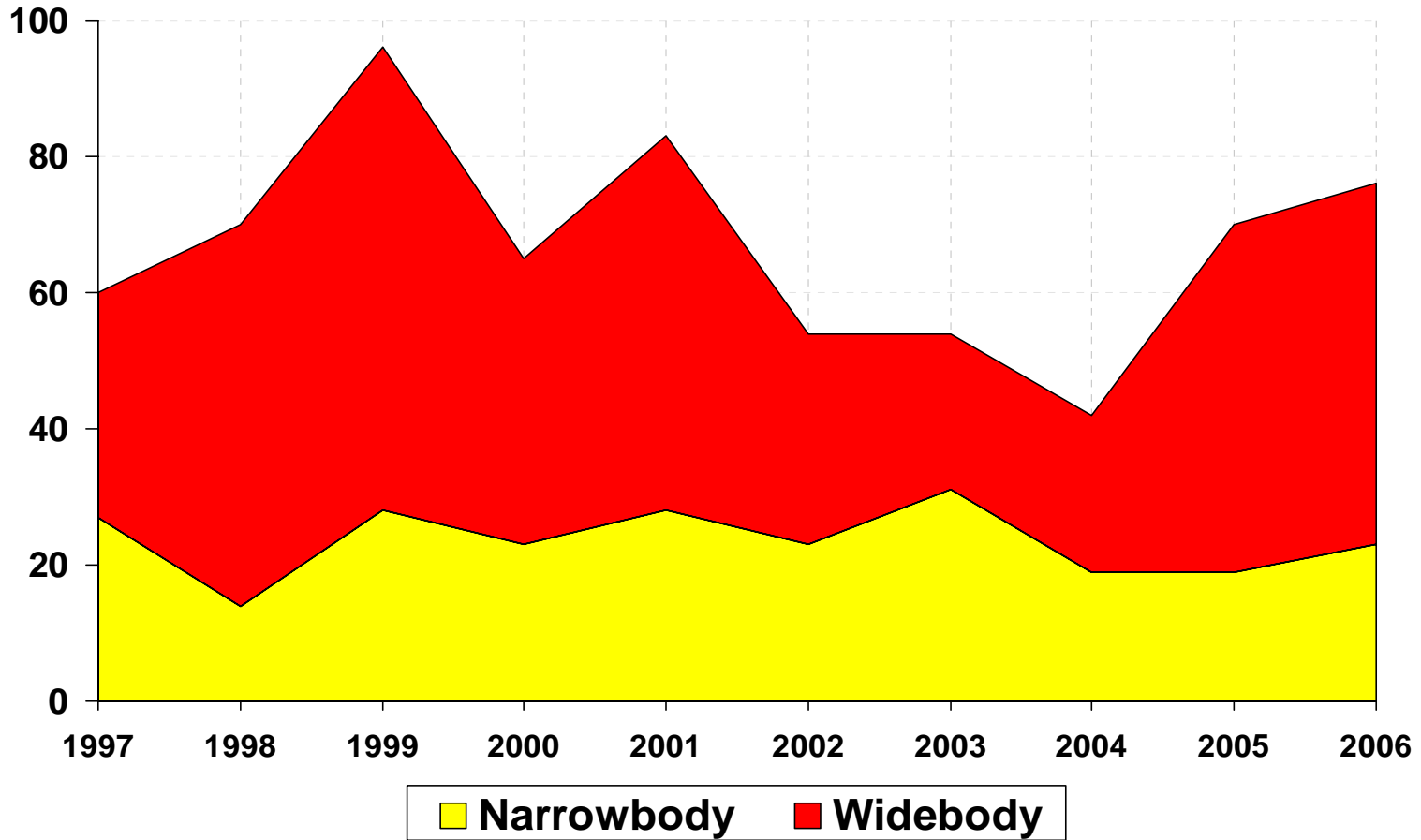
Source: Ascend CASE Database

267 – all widebody since 1999; 2006 – 9x A300, 14x 747-400F, 3x 767-300F



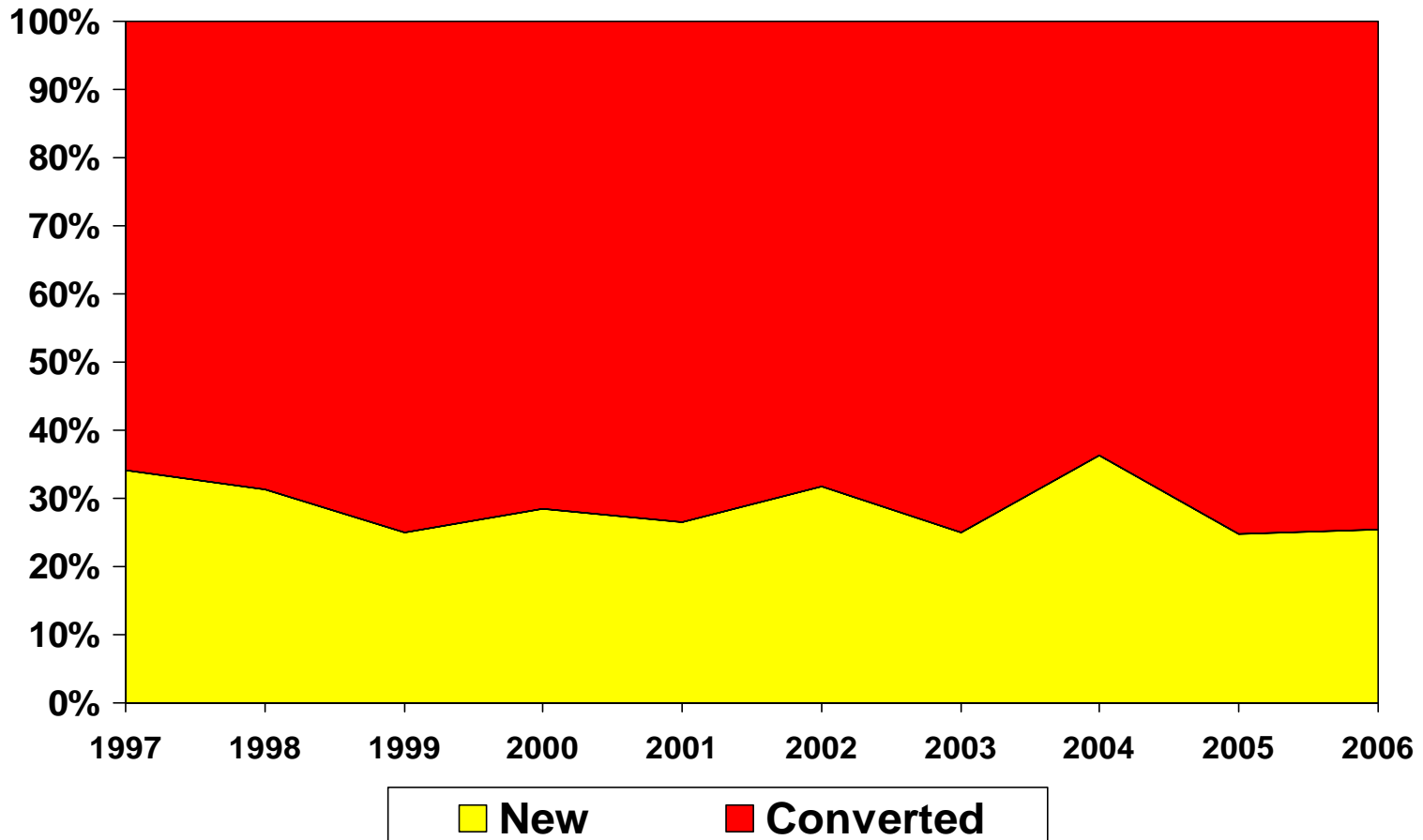
Source: Ascend CASE Database

670 conversions – 65% widebody

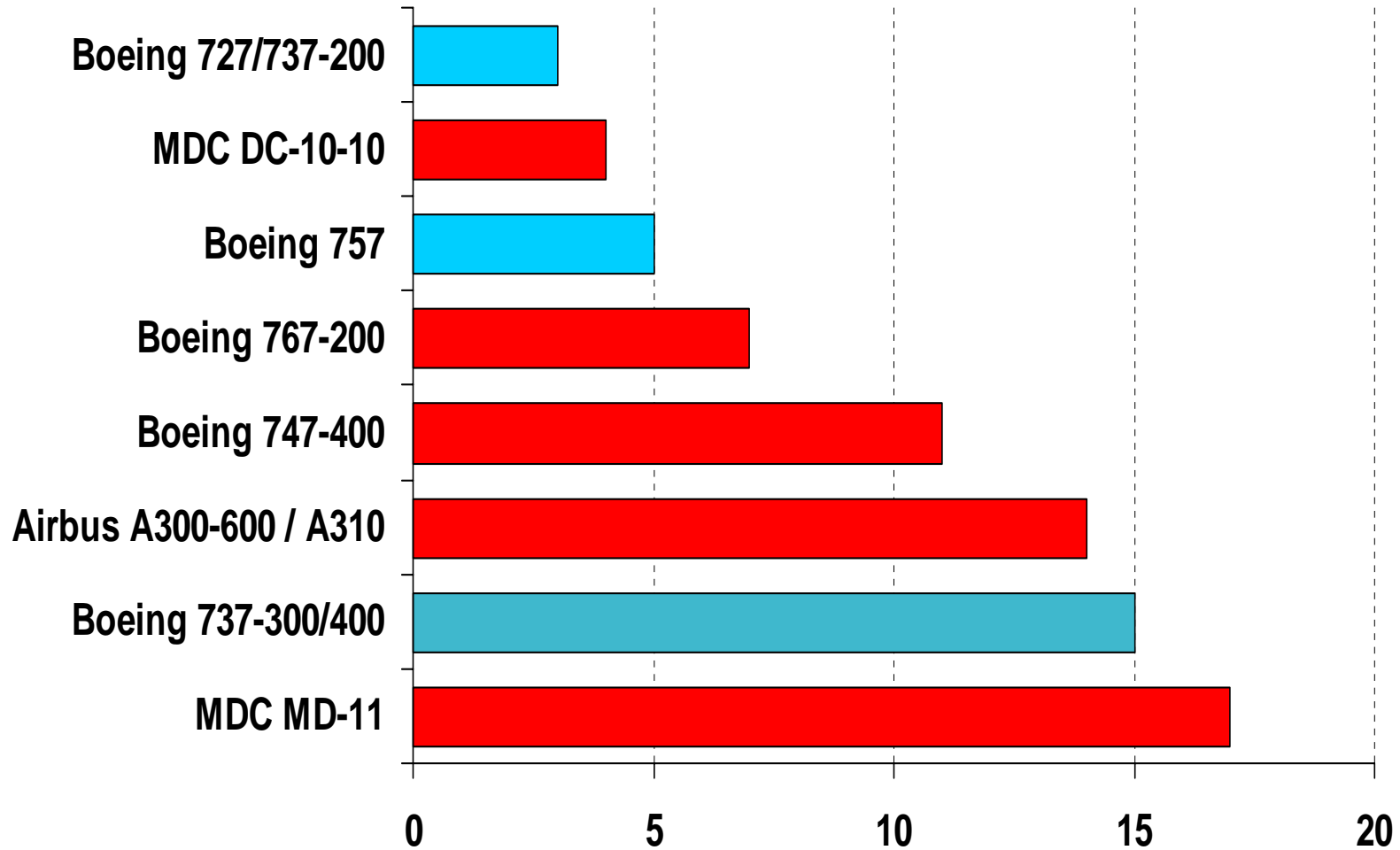


Source: Ascend CASE Database

Average 71% converted

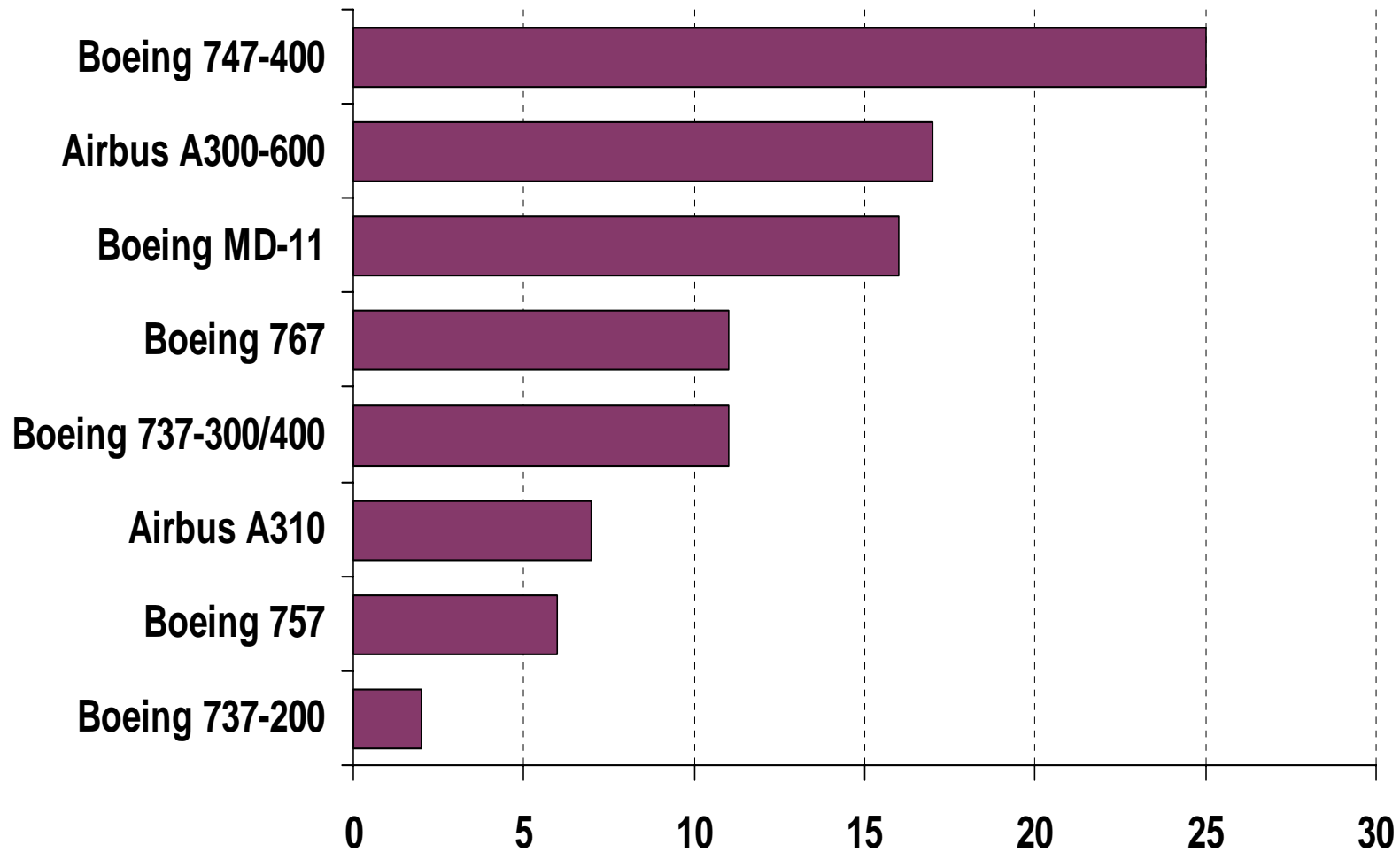


Source: Ascend CASE Database

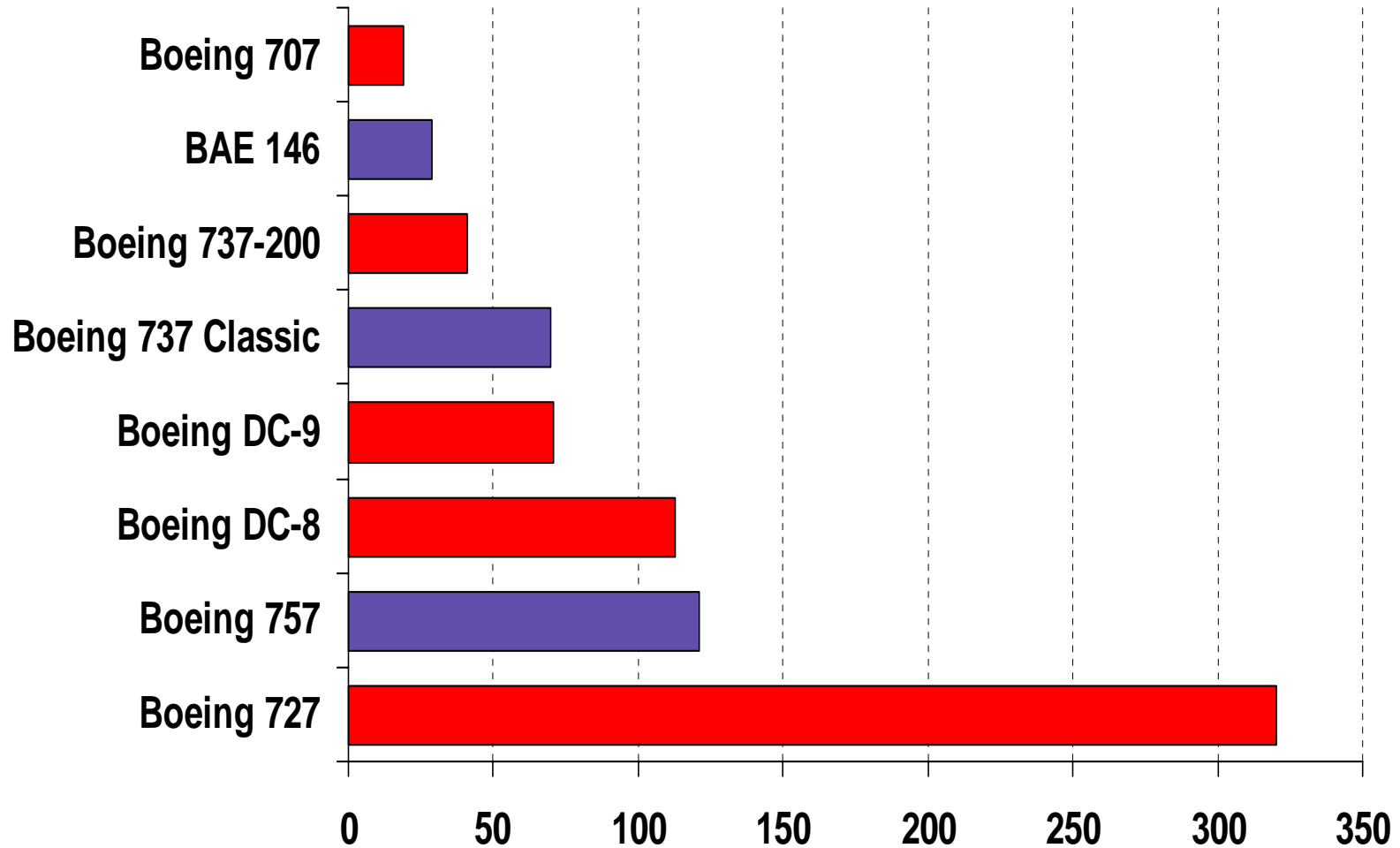


Source – Ascend CASE Database

ASCEND *Jets - added to fleet in 2006*



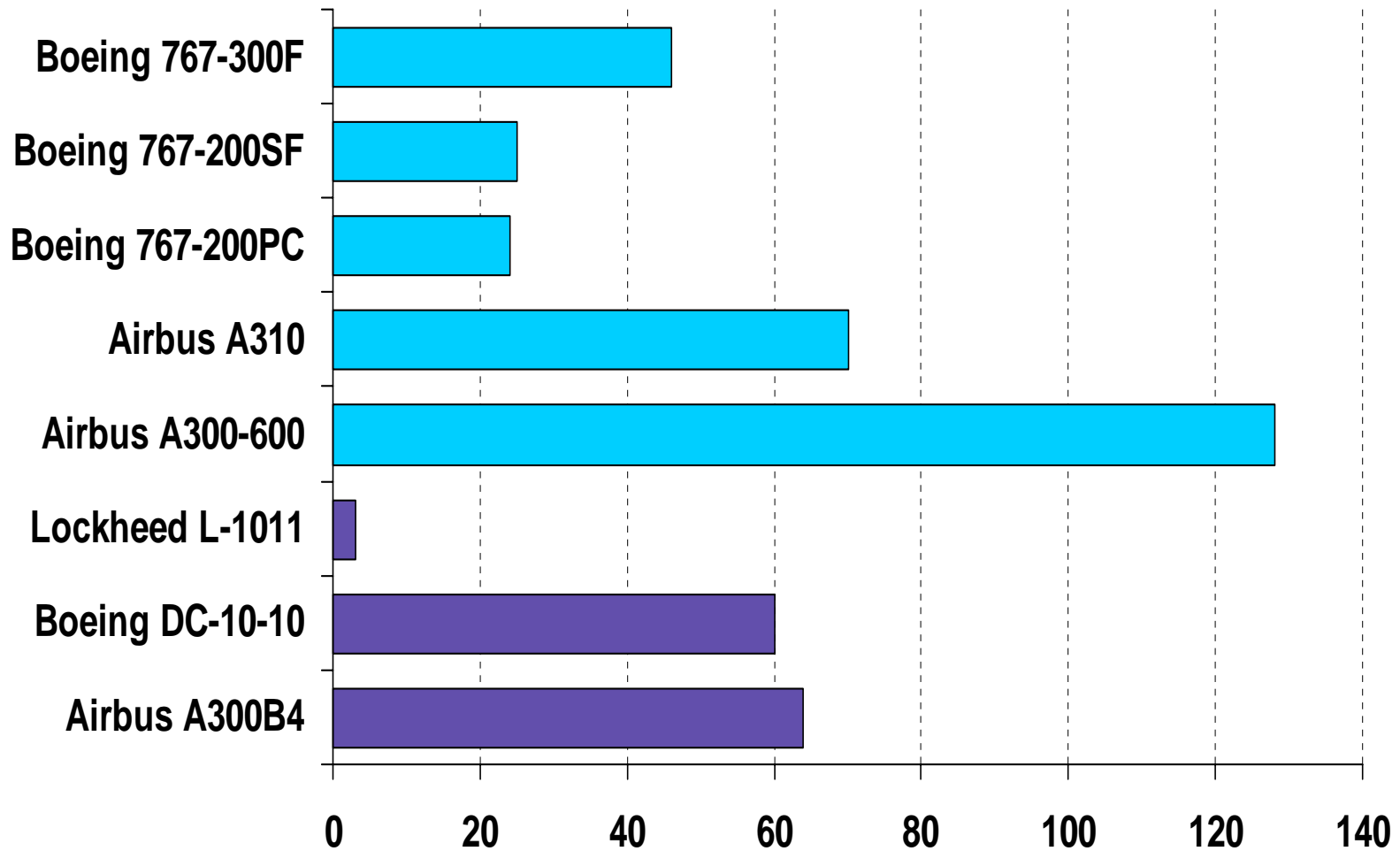
Source – Ascend CASE Database



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ASCEND *Narrowbody Market*

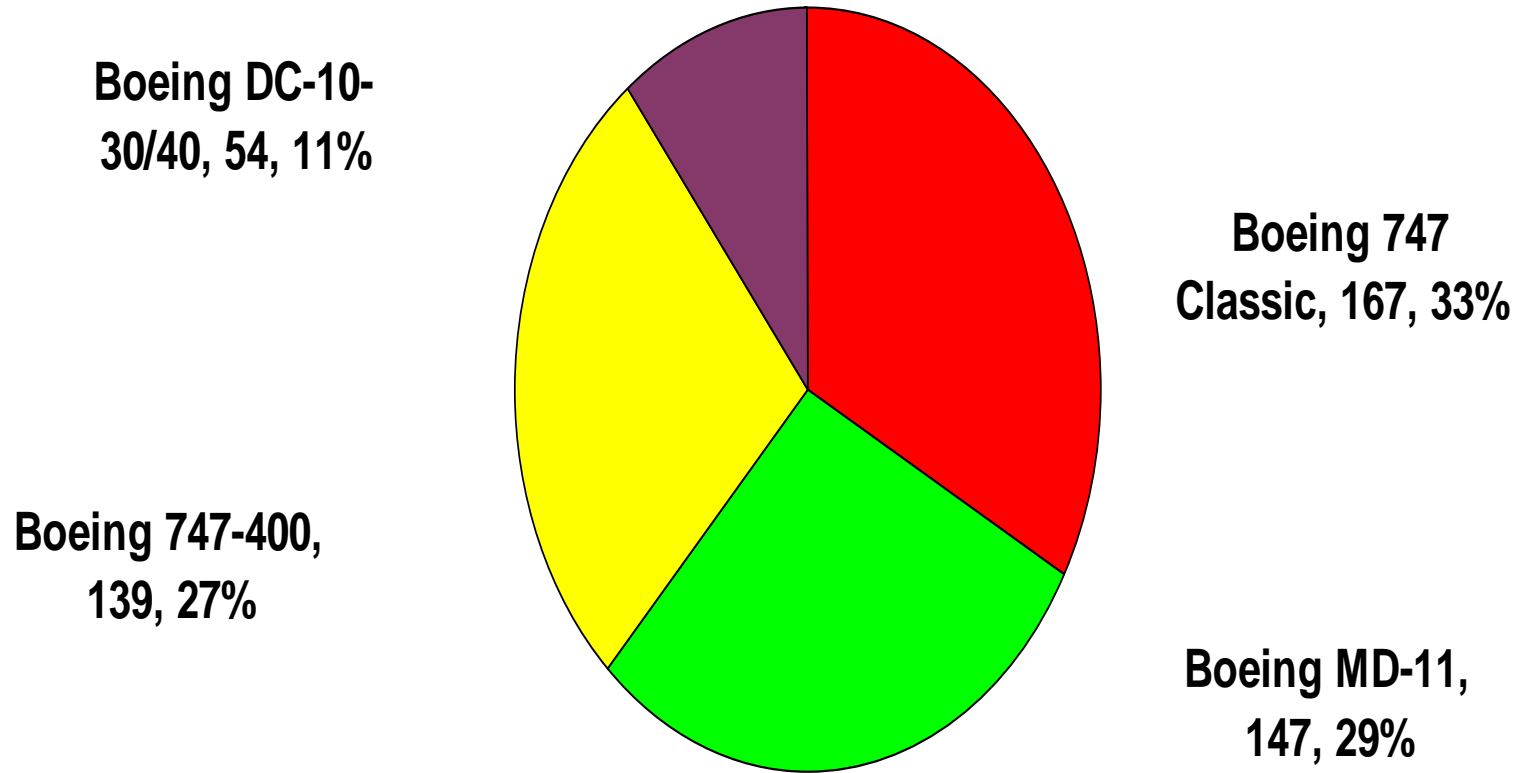
- ➔ *727 Freighter still dominates, but average age is 31 and being impacted by higher fuel price*
- ➔ *Key deal by FedEx – STAero to convert 87x 757s in 3 blocks over 7 years, replacing 727s*
- ➔ *Precision converted five in 06; Alcoa SIE received STC*
- ➔ *Pemco, IAI-Bedek and AEI convert 737 Classics; Pemco first 737-400SFs*
- ➔ *A320 conversion launched by EADS to be converted in Russia at MiG from 2011*
- ➔ *Bombardier launch CRJPF with 2 for West Air*
- ➔ *146QT relaunched*



Source – Ascend CASE Database

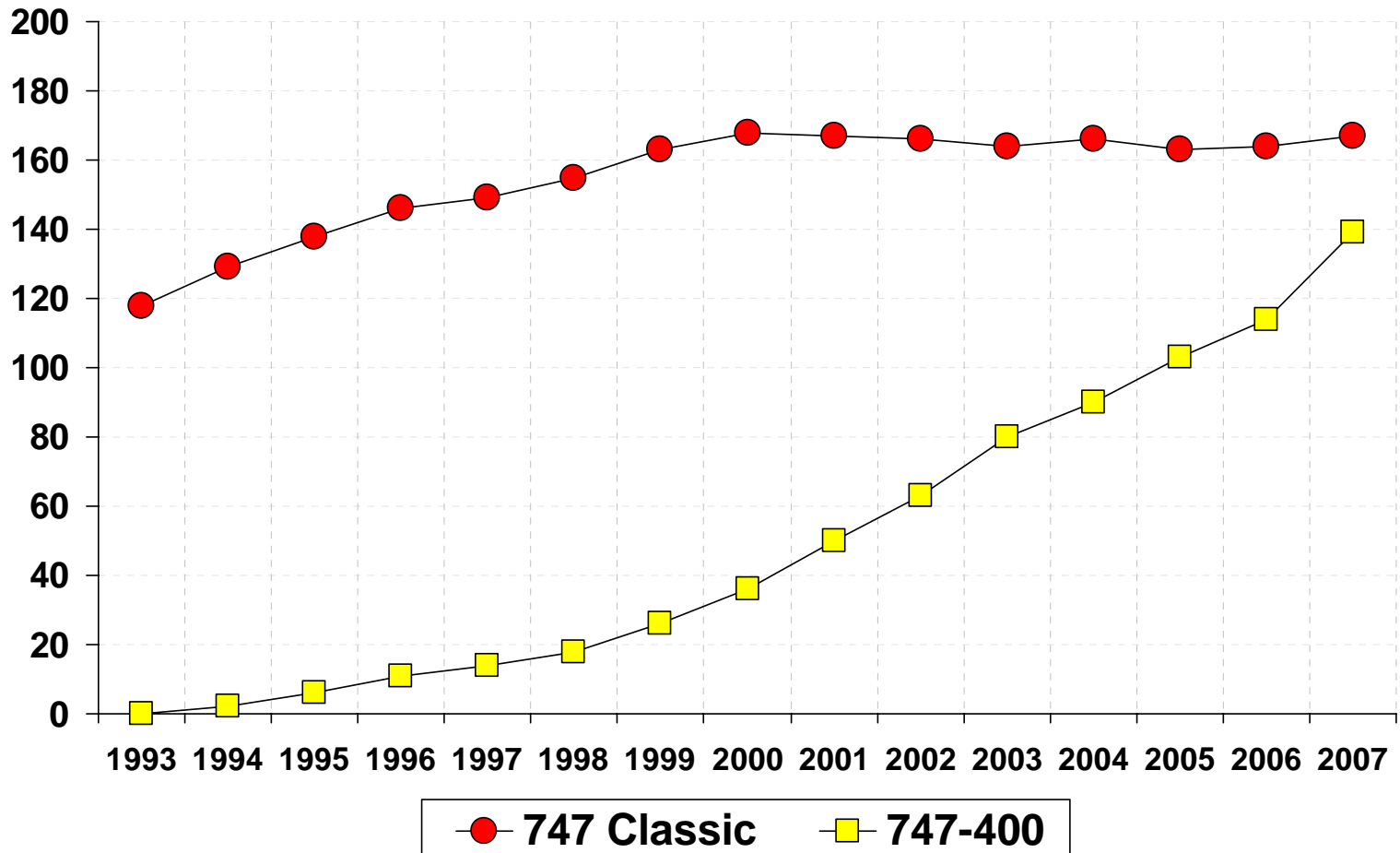
ASCEND *Medium Widebody Market*

- *A300-600F new build ends in 2007...or will it?*
- *A330-200F launched for 2009 – 64 tonnes/4,000nm; 34 orders/launch commitments*
- *EADS-EFW increasing A300/A310 conversions*
- *B/E Aerospace starts A300-600 conversions at GAMECO in 2007*
- *New build 767-300Fs continue at low rate*
- *IAI-Bedek continue 767-200 conversions and to launch -300SF in JV with Mitsui*
- *Boeing/AleniaAeronavali first -200SF and -300BCF conversions in 2007*

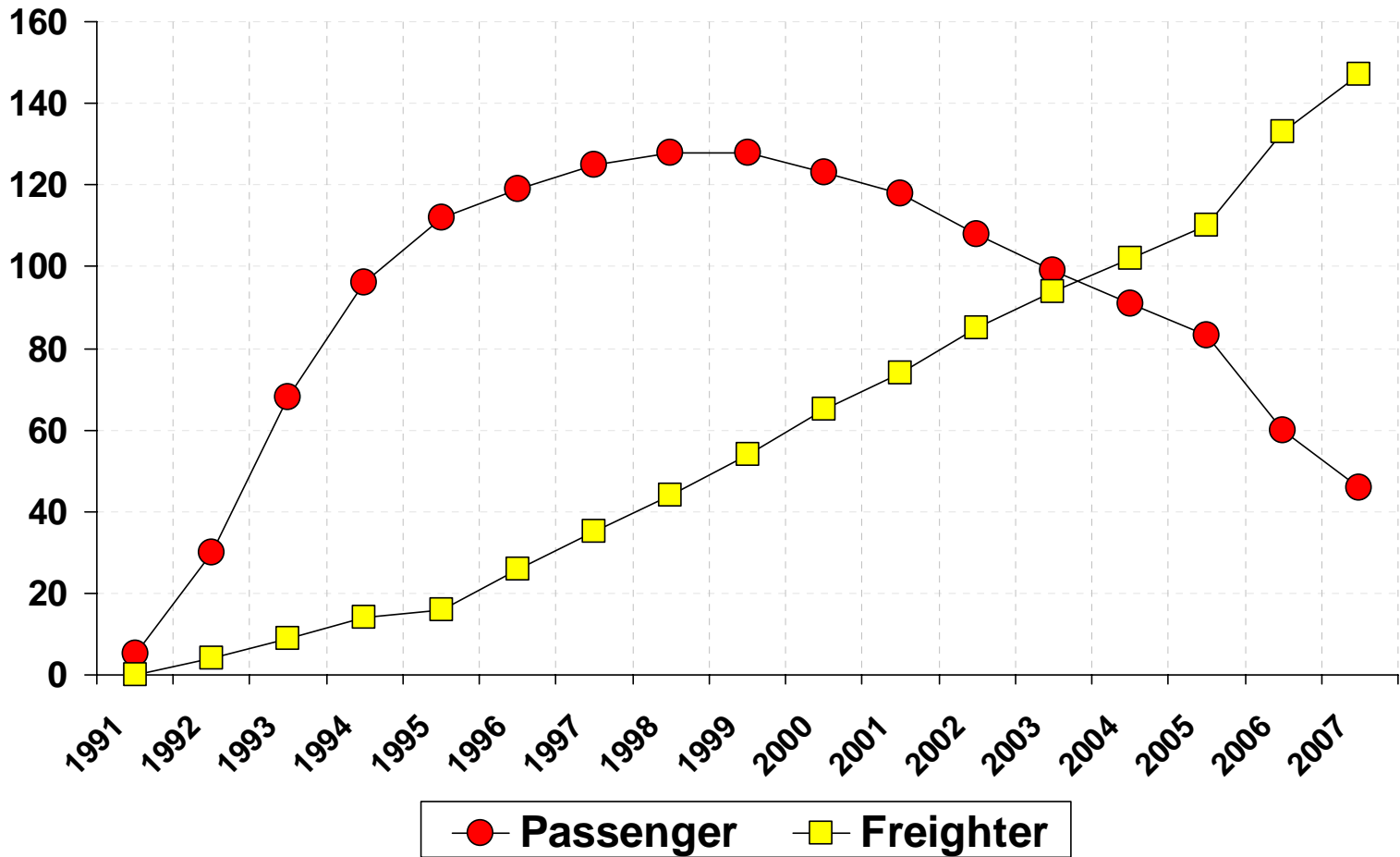


ASCEND *Large Widebody Market*

- ➔ *FedEx cancellation leaves A380F with 10 orders from UPS*
- ➔ *747-8F has 54 orders to date – looks set to replicate 747-400F's success as general freighter*
- ➔ *Boeing and IAI have backlog of 58 -400s to convert; slots sold out to 2009*
- ➔ *Supply of MD-11s running out – some may miss conversion opportunity*
- ➔ *777F has good start with 56 orders inc FedEx*
- ➔ *Airbus planning A350F but not until mid 2010s*
- ➔ *Conversions of A340s ? 777-200ERs ?*

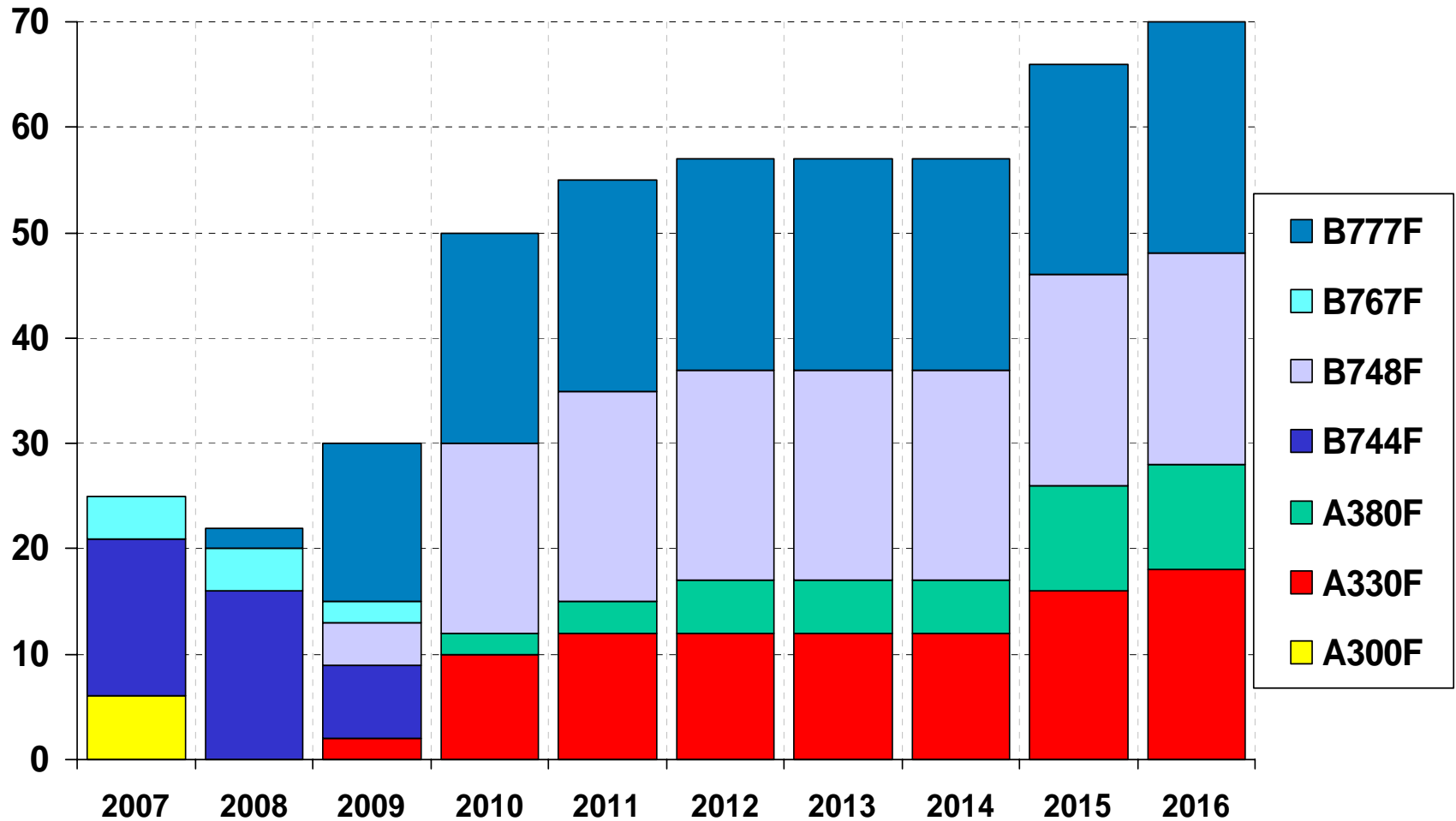


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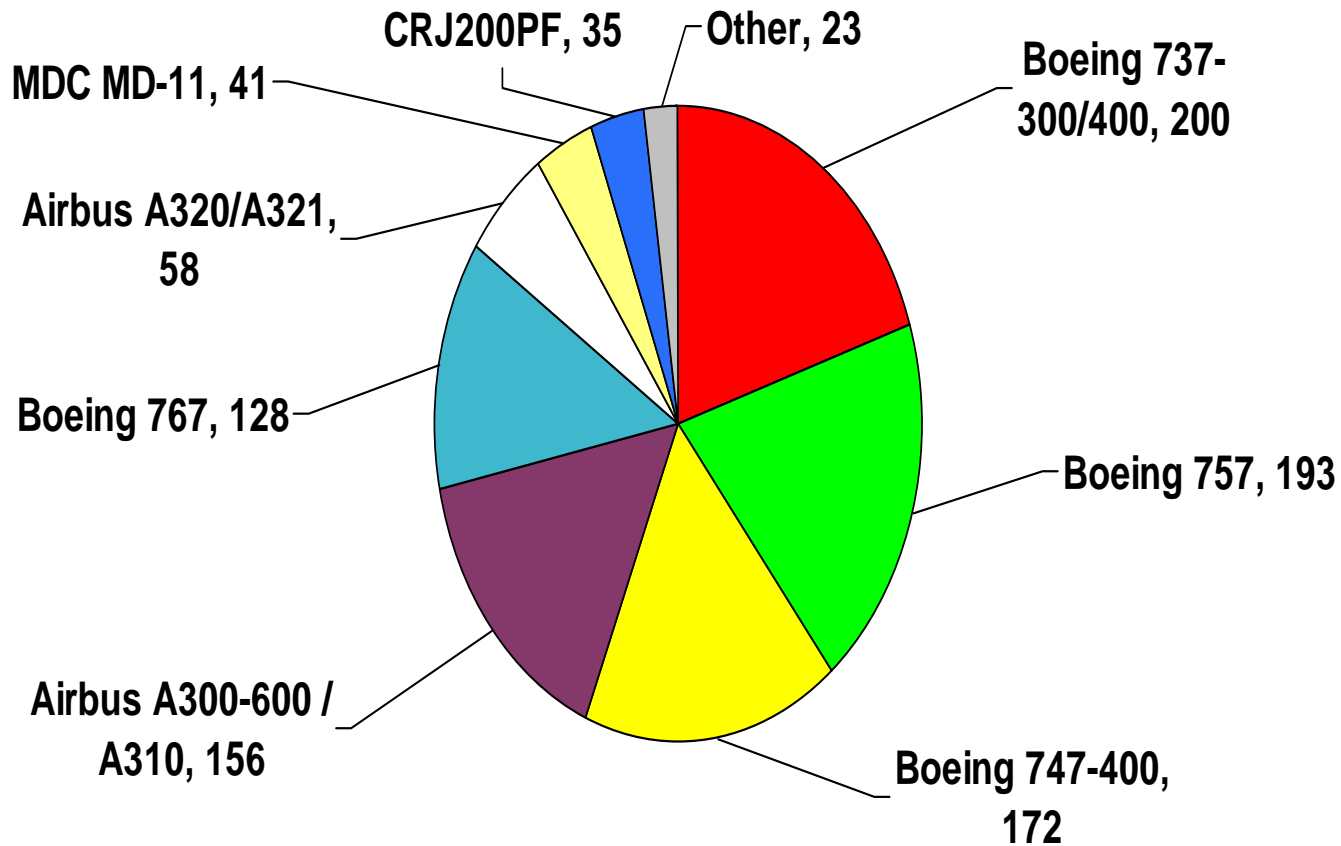
Source: Ascend CASE Database

ASCEND *Jet Freighter 10 Yr Forecast Deliveries*



Source: Ascend Global Aircraft (AGA) Forecast

ASCEND *Jet Freighter 10Yr Forecast Conversions*



Source – Ascend Global Aircraft (AGA) Forecast

ASCEND *THANK YOU – ANY QUESTIONS ?*

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