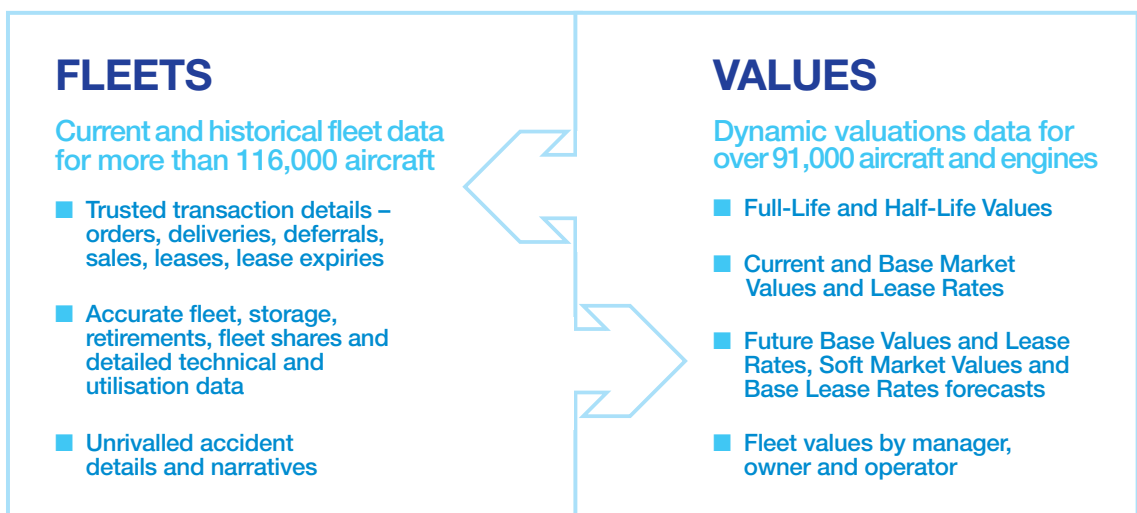


ASCEND ONLINE

Aviation's powerhouse for market information and analysis

Ascend Online is the only data service providing the powerful combination of aviation fleet information integrated with valuations data – delivering all the market information you need to confidently assess value and quantify risk.

Depend on the market leader in aviation information and business solutions to deliver the most accurate and up-to-date data you need to drive your business forward.



All the data you need. Dynamically updated. In one place.

“Ascend Online is our primary source for aircraft information.”

Mark S. Streeter, Managing Director, JP Morgan

“Ascend is our GPS system to navigate through the industry.”

Nils Hallerström, President, PK AirFinance

ASCEND ONLINE Fleets

The ultimate data service to understand and analyse the airline market

Ascend Online Fleets delivers the market’s most trusted and up-to-date aircraft and industry data. The world’s leading aviation companies, including the top 20 lessors, use Ascend Online to understand the market and manage their exposure to the aviation cycle.

Ascend Online Fleets provides real-time, quality market data and technical information for more than 116,000 aircraft – including commercial jets, turboprops, business jets, Very Light Jets (VLJs) and business turboprops.

- **Unique combination of quality and reliable data**

The very latest transaction and technical data, comprehensive fleet, storage and retirement information and unrivalled airline financial and traffic statistics.

- **Data on demand – simple and easy to use**

Updated daily by our experienced team of data analysts. Instant access, no installation or training required.

- **Advanced, intuitive online search of 116,000 aircraft**

Powerful search function allows you to simply and accurately tailor and refine your search.



Ascend Online Fleets allows you to

- **Quantify risk**

Source and assess the most reliable data in the market today, to evaluate investments and quantify deals. The world’s top aviation companies use Ascend data to successfully measure and validate risk and reward scenarios and benchmark internal opinion.

- **Win new business**

The industry relies on Ascend Online for detailed and dependable data to identify new deals and transactions, such as when an aircraft is coming off lease or out of storage. All the latest fleet and transaction data is available at the single click of a button and simple online searches can uncover new companies to target.

- **Monitor the market**

With an unrivalled reputation for credibility and accuracy, the industry depends on Ascend Online to analyse the market and track deals. Strategic decisions can be made quickly and with confidence.

“The Portfolio Service gives us easy access to updated values and lease rates – helping to return credible values to support our day to day business activities.” HSH Nordbank

ASCEND ONLINE Values

Dynamic values data from the industry’s foremost aircraft appraiser

With a proven industry track record established over 45 years, Ascend has unrivalled experience in delivering credible and trusted asset valuations. Ascend Online Values provides quick and easy online access to aircraft and engine valuations and lease rates and offers a wide range of analytical services.

- **Online access to values for over 91,000 commercial aircraft**
- **Explore current and future aircraft values and lease rates**
- **Tailored search by specific serial number or aircraft type**

Values available through Ascend Online

- **Full-Life and Half-Life Values**
- **Current and Base Market Values and Lease Rates**
- **Future Base Values and Lease Rates over a 25 year horizon**
- **Soft Market and Base Lease Rates forecasts**

Ascend Online Values allows you to

■ **Assess value and calculate risk**

Ascend Online provides quick and easy access to updated values and lease rates to inform decisions such as entry and exit strategies into aircraft related securities and for measuring exposure on existing or new business.

■ **Validate opportunities**

Ascend commands widespread respect amongst the world’s leading aviation financiers who use Ascend values and lease rates to benchmark internal data. Ascend Online underpins many of the finance community’s own internal modelling tools to confidently validate and benchmark their aircraft and engine-backed loans and investments.

■ **Get the deal done**

Ascend Online data is recognised by the credit committees of the world’s leading financial institutions and many insist on using Ascend data to authenticate new proposals and transactions. All over the world, tens of thousands of market opinions are being sought using Ascend Online data to get the deal done.



“Our first port of call for airline fleet and utilisation data.”

Mark Morris, Group Treasurer, Rolls-Royce

ASCEND ONLINE Features

Fleets features

- **Search and browse:** extensive histories for over 116,000 commercial jets, turboprops and bizprops
- **Trusted transaction details:** orders, sales, deliveries, deferrals, leases, lease expiries
- **Unrivalled accident details and narratives**
- **Detailed technical data:** seat configurations, weights and capacities
- **Accurate fleet, storage, retirements, fleet shares and trends**
- **Latest monthly hours and cycles data and quarterly utilization rates**
- **Comprehensive airline financial and traffic statistics:** including monthly, quarterly and annual data
- **Easy data downloads to Excel**
- **Precise airframe and engine conversion details**
- **Extensive airline profiles and individual contact details**

Values features

- **Individual aircraft and engines**
Request a value for an individual aircraft or engine. Values searchable by serial number / registration / tail number, or by specification.
- **Portfolios**
Groups of aircraft can be monitored for compliance, reporting or direct decision making support. Portfolios can be bank owned/exposed aircraft, an operator fleet or a securitised portfolio (EETC, ABS, PTC). Assists with compliance towards the Basel II regulations and International Financial Reporting Standards.
- **Fleet Values**
Presents the world's aircraft fleet by type and by variant. An invaluable source searchable by manager, operator and owner, allowing you to better understand the composition of a fleet, for example whether it is owned or leased.
- **Data Matrices**
Complete aircraft value data sets for each year of build, (Historical, Current and Future Values). Invaluable for risk modelling and accessing accurate raw data to populate your own model to validate financial decisions.
- **Market Analysis Modules**
 - Market Commentaries, Business Jet and Helicopter Commentaries:** Detailed, specialist reports focussing on major aircraft types and variants with expert opinion from the Ascend consultancy team.
 - Liquidity Overviews:** Statistical reports providing unique information on the market penetration of a particular aircraft type and variant compared to the total world fleet.
 - Aviation Programmes:** Latest aircraft and engine programmes information.

Contact Ascend today for a free, no obligation demonstration

Email fleets@ascendworldwide.com or values@ascendworldwide.com



“Ascend Online has quickly proved to be one of the best aviation information tools we have invested in. It is by far the most sophisticated system available in the market today.”

Mark Shurville, Vice President, Aviation and Aerospace Practice, Marsh

ASCEND ONLINE Benefits

Fleets benefits

Lessors, traders and airlines

depend on ASCEND ONLINE to:

- Assess the viability of a specific sale, lease or purchase, utilising fleets and transaction data
- Keep up-to-date with competitors, utilising accurate storage and lease expiry data
- Track an individual aircraft's history and ownership details

Insurers and regulators

depend on ASCEND ONLINE to:

- Benchmark loss information
- Track an individual aircraft's history and ownership details
- Source information on fleet accidents
- Gauge risk assessments and comparisons

Banks and financial institutions

depend on ASCEND ONLINE to:

- Support equity research utilising fleet composition data, age and future deliveries profiles
- Assess market liquidity and administer financed portfolios

Manufacturers and industry suppliers

depend on ASCEND ONLINE to:

- Analyse and research global fleets and age profiles of aircraft
- Track transaction details, including orders, deliveries, deferrals, sales, and leases

Values benefits

Airlines

depend on ASCEND ONLINE to:

- Monitor portfolios for financial reporting and risk management practices
- Make informed decisions about buying, selling and trading aircraft
- Benchmark insurance premiums
- Evaluate expansion opportunities into new markets

Operating lessors

depend on ASCEND ONLINE to:

- Evaluate new deals
- Track residual value performance
- Identify when to buy and when to sell specific aircraft
- Monitor portfolios for financial reporting and risk management practices

Banks/Institutional investors

depend on ASCEND ONLINE to:

- Monitor portfolio values and movement / trend analysis
- Track investment portfolios such as EETCs and ABSs
- Present accurate market information to Credit and Risk Committees to get the deal done

Manufacturers

depend on ASCEND ONLINE to:

- Track the value of assets with confidence
- Analyse competitors

Insurers

depend on ASCEND ONLINE to:

- Benchmark insurance premiums

Call today for a free, no obligation demonstration

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Call today for a free, no obligation demonstration of Ascend Online

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