



Cargo Facts "Aircraft and Engine Valuations" Session 7

San Diego, CA, USA.

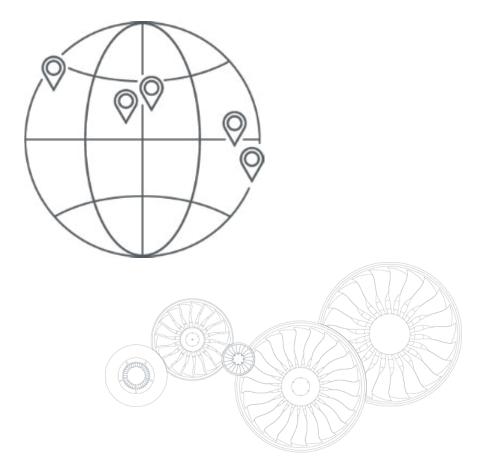
20° Oct 2022

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Agenda

- 1. Market overview
- 2. Engine financials





1. Market Overview

New P2F programs

B737-800BCF/SF



Engine requirements

CFM56-7B24/26 LLP rebuild 8,000CR+ Thrust: 24,000 - 26,000

Known lessors

- Titan Aviation
- BBAM
- GECAS
- Specter
- AFG
- ACS



A321P2F - CFM



Engine requirements

CFM56-5B3 LLP rebuild 7,000CR+

Thrust: 32,000

Known lessors

- BBAM
- ST Resources
- Vallair
- CAM



A321P2F - IAE



Engine requirements

V2533-A5

LLP rebuild 7,000CR+

Thrust: 33,000

Known lessors

- BBAM
- ST Resources
- Vallair
- CAM



B777-300ERSF



Engine requirements

GE90-115B

LLP rebuild 3,500CR+

Thrust: 115,000

Known lessors

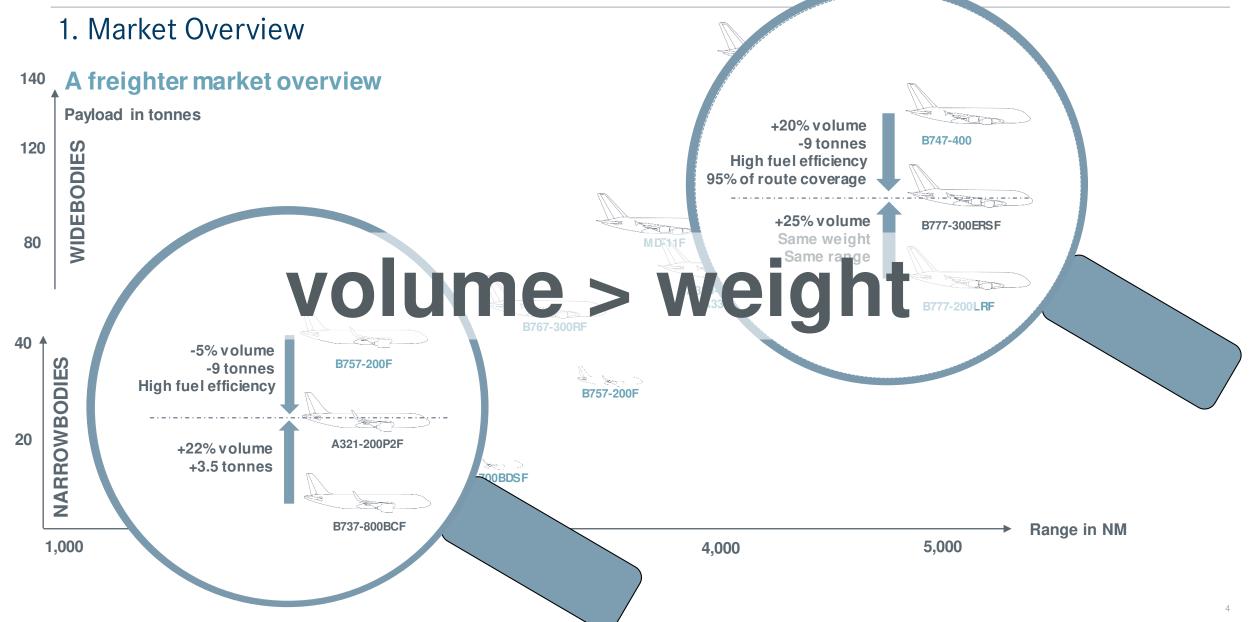
- Fortress
- GECAS
- Jetran





Unprecedented demand for P2F conversions.







1. Market Overview

Conversion sites around the world





Increasing number of sites available for conversions



CFM56-7B - B737-800BCF/SF

Mission

Hour/cycle ratio: 2-3

Cycles per month: \sim 60 - 75 Lease term: 8 years (6 + 2)





Cost structure

Lease rate (A/C): \$200k – \$220k month (going down)
Conversion cost: \$6m (including Check)
Target converted A/C including engines: \$18m - \$20m
Expected maintenance event on engines: No

Key financial targets

No residual value risk (full asset depreciation)): \$19m costs 10% margin, 3% interest, no maintenance

A/C appetite: "Highly desirable" (IBA, March 2022)





Impact on engine budget

Target acquisition costs: \$4.5m - \$5.5m

Product match



CFM56-7B24 or 26

Non T/I

Benign environment

CR: 5,500+

No reduced inspection interval

EGTM: 30 degrees

Est. Sales price: \$5.2m outright



V2500-A5-A321P2F

Mission

Hour/cycle ratio: 2-3

Cycles per month: ~60-75

Lease term: 8 years



Cost structure

Lease rate (A/C): \$240k - \$260k (going down)
Conversion cost: \$9m (including Check)
Target converted A/C including engines: \$22m - \$25m
Expected maintenance event on engines: No

Key financial targets

No residual value risk (full asset depreciation)): \$24m costs 10% margin, 3% interest, no maintenance

A/C appetite: Higher availability of feedstock





Impact on engine budget

Target acquisition costs: \$4.4m - \$6.0m

Product match



V2533-A5

Non select

Benign environment

CR: 5,500+

No reduced inspection interval

EGTM: 30 degrees Sales price: \$5,8m



CFM56-5B - A321P2F

Mission

Hour/cycle ratio: 2-3

Cycles per month: ~60-75

Lease term: 8 years





Cost structure

Lease rate (A/C): \$240k - \$260k (going down) Conversion cost: \$9m - \$10m (including Check) Target converted A/C including engines: \$24m - \$26m Expected maintenance event on engines: No

Key financial targets

No residual value risk (full asset depreciation)): \$24m costs

10% margin, 3% interest, no maintenance

A/C appetite: Lower availability of feedstock / Noise Consideration



Impact on engine budget

Target acquisition costs: \$4.7 - \$5.7M

Product match



CFM56-5B3/P

Non T/I

Benign environment

CR: 5,500+

No reduced inspection interval

EGTM: 30 degrees

Sales price: \$5.4m outright



GE90-115B - B777-300ERSF

Mission

Hour/cycle ratio: min 6/1 Cycles per month: 50

Lease term: 8 years (6 + 2)





Cost structure

Lease rate (A/C): \$600k/month (need to improve) Conversion cost: \$30m – \$35m (including Check) Target converted A/C including engines: \$60m - \$65m Expected maintenance event on engines: No

Key financial targets

No residual value risk (full asset depreciation)): \$12m-\$13m A/C appetite: In a sweet spot presently, wont last....





Impact on engine budget

Target acquisition costs: \$10m

Product match



GE90-115B CR: 4,500+

No reduced inspection interval

EGTM: 35C

Sales price: \$13m



Für Fragen stehen wir Ihnen gerne zur Verfügung. / Please contact us if you have any further questions.

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