## TURKISH AIRLINES

3Q'15 Results Summary


## Key Financial Data

| 3Q'14 | 3Q'15 | Change | (USD mn) | 9M'14 | 9M'15 | Change |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 3,318 | 3,265 | $-1.6 \%$ | Revenue | 8,540 | 8,054 | $-5.7 \%$ |
| 3,030 | 2,969 | $-2.0 \%$ | Passenger Revenue | 7,649 | 7,197 | $-5.9 \%$ |
| 537 | 682 | $27.0 \%$ | Net Operating Profit / (Loss) | 645 | 732 | $13.5 \%$ |
| 600 | 785 | $30.8 \%$ | EBIT | 803 | 1,019 | $26.9 \%$ |
| 635 | 471 | $-25.8 \%$ | Net Income | 723 | 877 | $21.3 \%$ |
| $19.1 \%$ | $14.4 \%$ | -4.7 pt | Net Income Margin | EBITDAR | $8.5 \%$ | $10.9 \%$ |
| 948 | 1,184 | $24.9 \%$ | EBITDAR Margin | 1,766 | 2,108 | $19.4 \%$ |
| $28.6 \%$ | $36.3 \%$ | 7.7 pt |  | $20.7 \%$ | $26.2 \%$ | 5.5 pt |


|  | (USD mn) | 2014 | 9M'15 |
| :---: | :---: | :---: | :---: |
| Change |  |  |  |
| Net Debt | 4,199 | 5,233 | $24.6 \%$ |
| Total Assets | 13,746 | 16,399 | $19.3 \%$ |

## Revenue Development (3Q'14 vs 3Q'15)

(mn USD)


## Revenue Development (9M'14 vs 9M'15)

(mn USD)


## Scheduled Services Unit Revenue Development



Yield (USc)


Yield (R/Y) : Passenger Revenue / RPK (Scheduled)
RASK : Passenger and Cargo Revenue / ASK* (Scheduled)

* ASK value is adjusted for cargo operations.

RASK ex-currency (USc)


Yield ex-currency (USc)


## Regional Yield Development in USD (3Q'14 vs 3Q'15)



Europe \& CIS


Domestic


Asia / Far East


Middle East


## Trading Outlook for 4Q'15

Capacity growth:

- Avarage number of aircraft up 14\% yoy in 4Q'15
- Capacity growth in 4Q'15 yoy will be $19 \%$ driven mostly by long-haul

Forward booking trends indicate:

- Slower demand environment
- Yield pressures in constant currency to continue
- Declining currency effect


## Regional Yield Development in USD (9M'14 vs 9M'15)



- Substantial capacity increase
- Weaker beyond traffic to/from ME
- Increased market capacity


Africa


- 2 New Routes (Abuja, Mali)
- Depreciation of local currencies
- Security issues and political unrest in Nigeria, Camerun, Chad, Kenya, Tunisia, Burkina Faso
- Increased market capacity from Gulf
- Tripoli, Misrata, Benghazi suspended

Europe \& CIS


- 10 new routes inc. SAW
- Local currency depreciations (Russia, Ukraine, Belarus, Azerbaijan and weaker Eur)
- Weaker direct traffic due to currency depreciations and security concerns
- Donetsk, Simpferopol suspended

Domestic


- Substantial capacity increase at SAW
- 6 new routes (Bursa,Kocaeli, Tokat,

Ordu-Giresun, Uşak, Hakkari)

- Weaker transfer traffic from international lines, more local traffic (higher yield)
- Increased market capacity

Asia / Far East

| ASK | RASK | R/Y | R/ ex- <br> currency |
| :---: | :---: | :---: | :---: |
| $12.4 \%$ |  |  |  |
|  |  |  |  |
| $-13.4 \%$ | $-15.8 \%$ | $-6.7 \%$ |  |

- 3 New Routes (Taipei, Manila, Hucend)
- Depreciation of local currencies
- Weaker demand from Japan, Korea, Nepal, weaker premium and corporate demand from China
- Increased market capacity

Middle East


- Substantial capacity increase in 3Q
- Capacity increases at SAW
- Significant pick-up of Tel Aviv, Egypt, Iraq traffic in 3Q
- Increased market capacity
- Musul, Sana'a, Aden suspended


## Net Operating Profit Bridge (3Q'14 vs 3Q'15)

(mn USD)


## Net Operating Profit Bridge (9M'14 vs 9M'15)

(mn USD)


9M'14
9M'15

## Operational Expense Breakdown

| 3Q'14 | 3Q'15 | Change | (mn USD) | 9M'14 | 9M'15 | Change |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1,061 | 814 | -23.3\% | Fuel | 2,941 | 2,290 | -22.1\% |
| 431 | 405 | -6.0\% | Personnel | 1,262 | 1,225 | -2.9\% |
| 353 | 374 | 5.9\% | Aircraft Ownership | 980 | 1,033 | 5.4\% |
| 252 | 254 | 0.8\% | Airports \& Air Navigation | 716 | 687 | -4.1\% |
| 198 | 212 | 7.1\% | Sales \& Marketing | 623 | 648 | 4.0\% |
| 165 | 164 | -0.6\% | Ground Handling | 468 | 465 | -0.6\% |
| 156 | 158 | 1.3\% | Passenger Services \& Catering | 419 | 441 | 5.3\% |
| 103 | 132 | 28.2\% | Maintenance | 305 | 339 | 11.1\% |
| 19 | 19 | 0.0\% | General Administration | 64 | 63 | -1.6\% |
| 43 | 51 | 18.6\% | Other Cost of Sales | 117 | 131 | 12.0\% |
| 2,781 | 2,583 | -7.1\% | TOTAL | 7,895 | 7,322 | -7.3\% |
| ASK Growth: \%16.8 |  |  |  | ASK Growth: \%12.6 |  |  |

## CASK Breakdown

| 3Q'14 | 3Q'15 | Change | (USc) | 9M'14 | 9M'15 | Change |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 2.93 | 1.92 | -34.3\% | Fuel | 2.93 | 2.03 | -30.9\% |
| 1.19 | 0.96 | -19.6\% | Personnel | 1.26 | 1.08 | -13.8\% |
| 0.98 | 0.88 | -9.3\% | Aircraft Ownership | 0.98 | 0.91 | -6.4\% |
| 0.70 | 0.60 | -13.7\% | Airports \& Air Navigation | 0.71 | 0.61 | -14.8\% |
| 0.55 | 0.50 | -8.4\% | Sales \& Marketing | 0.62 | 0.57 | -7.6\% |
| 0.46 | 0.39 | -14.9\% | Ground Handling | 0.47 | 0.41 | -11.8\% |
| 0.43 | 0.37 | -13.3\% | Passenger Services \& Catering | 0.42 | 0.39 | -6.5\% |
| 0.28 | 0.31 | 9.7\% | Maintenance | 0.30 | 0.30 | -1.3\% |
| 0.05 | 0.04 | -14.4\% | General Administration | 0.06 | 0.06 | -12.6\% |
| 0.12 | 0.12 | 1.5\% | Other Cost of Sales | 0.12 | 0.12 | -0.6\% |
| 7.68 | 6.11 | -20.5\% | TOTAL | 7.87 | 6.48 | -17.6\% |
| CASK ex-currency change: -9.2\% |  |  |  | CASK ex-currency change: -8.3\% |  |  |

## Selected KPI's

| 3Q'14 | 3Q'15 | Change |  | 9M'14 | 9M'15 | Change |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1,045 | 688 | -34.2\% | Fuel Price (Usd/ton) | 1,053 | 720 | -31.7\% |
| 3.51 | 3.50 | -0.3\% | Fuel Consumption (It) per 100 ASK | 3.48 | 3.52 | 1.2\% |
| 1,136 | 1,049 | -7.6\% | Aircraft Ownership Cost per BH | 1,121 | 1,071 | -4.5\% |
| 331 | 370 | 11.7\% | Maintenance Cost per BH | 349 | 351 | 0.7\% |
| 1,474 | 1,276 | -13.5\% | Handling Cost per Landing | 1,501 | 1,364 | -9.1\% |
| 1,209 | 1,078 | -10.8\% | Airports \& Air Navigation Cost per km Flown | 1,221 | 1,074 | -12.0\% |
| 10.28 | 8.79 | -14.5\% | Passenger Services \& Catering Cost per Pax | 10.11 | 9.49 | -6.2\% |
| 6.5\% | 7.1\% | 0.6 pt | Sales \& Marketing Cost / Passenger Revenue | 8.1\% | 9.0\% | 0.9 pt |

## TURKISH AIRLINES

9M'15 Results


## Aviation Market \& Economy

 Source: General Directorate of State Airports Authority (DHMI)
(*): Adjusted for double count on Domestic Pax $^{*}$

## Annual RPK Growth (\%)



| 2010 | 2011 | 2012 | 2013 | 2014 | 2015F |
| :---: | :---: | :---: | :---: | :---: | :---: |

Annual GDP Growth Forecast (2015-2034)


Annual RPK Growth Forecast (2015-2034)


Source: Boeing Current Market Outlook

## Turkish Airlines Diagonal Growth



Destinations: 229* International, 48 Domestic Lines in 110 Countries


| AFRICA |  |  |  |
| :---: | :---: | :---: | :---: |
| 28 COUNTRIES, 44 CITIES |  |  |  |
| Egypt | 42 | Sudan | 7 |
| Cairo | 21 | Khartoum | 7 |
| Alexandria | 7 | Uganda | 7 |
| Hurghada | 7 | Entebbe | 7 |
| Sharmel-Sheikh | 7 | Burkina Faso | 6 |
| Algeria | 35 | Ougadougou | 6 |
| Algiers | 21 | Mauritania | 6 |
| Oran | 7 | Nouakchott | 6 |
| Constantine | 3 | Senegal | 6 |
| Tlemcen | 2 | Dakar | 6 |
| Batna | 2 | Congo | 5 |
| Nigeria | 16 | Kinshasa | 5 |
| Lagos | 7 | Gabon | 5 |
| Abuja | 5 | Libreville | 5 |
| Kano | 4 | Niger | 5 |
| Cameroon | 14 | Niamey | 5 |
| Douala | 7 | Cote D'Ivore | 4 |
| Yaounde | 7 | Abidjan | 4 |
| Kenya | 14 | Chad | 4 |
| Mombasa | 7 | N'Djamena | 4 |
| Nairobi | 7 | Benin | 4 |
| South Africa | 14 | Cotonou | 4 |
| Cape Town | 7 | Eritrea | 3 |
| Johannesburg | 7 | Asmara | 3 |
| Tanzania | 14 | Mali | 3 |
| Dar Es Selaam | 7 | Bamako | 3 |
| Kilimenjaro | 7 |  |  |
| Tunisia | 14 |  |  |
| Tunis | 14 |  |  |
| Djibouti | 7 | Future Routes |  |
| Djibouti | 7 |  |  |
| Ethiopia | 7 | Angola |  |
| Addis Ababa | 7 | Luanda |  |
| Ghana | 7 | Egypt |  |
| Accra | 7 | Aswan |  |
| Libya | 7 | Luxor |  |
| Misurata | 7 | Guinea |  |
| Benghazi | - | Conarky |  |
| Sebha | - | Madagascar |  |
| Tripoli | - | Antananarivo |  |
| Morocco | 7 | Mauritius |  |
| Casablanca | 7 | Port Louis |  |
| Rwanda | 7 | Mozambique |  |
| Kigali | 7 | Maputo |  |
| Somalia | 7 | Rep. Of South Africa |  |
| Mogadishu | 7 | Durban |  |
|  |  | South Sudan |  |
|  |  | Juba |  |


| MIDDLE EAST |  |  |  |
| :--- | ---: | ---: | ---: |
| 13 COUNTRIES, 34 CITIES |  |  |  |
| Saudi Arabia | 97 | Lebanon | 21 |
| Jeddah | 28 | Beirut | 21 |
| Madinah | 21 | UAE | 18 |
| Dammam | 17 | Dubai | 14 |
| Riyadh | 14 | Abu Dhabi | 4 |
| Yanbu | 10 | Jordan | 17 |
| El Qassim | 4 | Amman | 14 |
| Taif | 3 | Akabe | 3 |
| Iran | 67 | Qatar | 14 |
| Tehran | 33 | Doha | 14 |
| Mashad | 7 | Yemen | 14 |
| Shiraz | 7 | Aden | 7 |
| Tabriz | 7 | Sanaa | 7 |
| Isfahan | 5 | Bahrain | 10 |
| Kermanshah | 4 | Bahrain | 10 |
| Ahvaz | 4 | Oman | 7 |
| Israel | 56 | Muscat | 7 |
| Tel Aviv | 56 | Syria | - |
| Iraq | 51 | Aleppo | - |
| Baghdad | 14 | Damascus | - |
| Erbil | 14 |  |  |
| Basra | 10 |  |  |
| Sulaymaniyah | 8 |  |  |
| Najaf | 5 | Future Routes |  |
| Mosul | 0 |  |  |
| Kuwait | 42 | Saudi Arabia |  |
| Kuwait | 42 |  | Abha |
|  |  |  |  |


| FAR EAST |  |  |  |
| :---: | :---: | :---: | :---: |
| 22 COUNTRIES, 34 CITIES |  |  |  |
| China | 34 | Bangladesh | 7 |
| Beijing | 7 | Dhaka | 7 |
| Guangzhou | 7 | Indonesia | 7 |
| Shanghai | 7 | Jakarta | 7 |
| Taipei | 7 | Maldives | 7 |
| Hong Kong | 6 | Male | 7 |
| Japan | 21 | Malaysia | 7 |
| Tokyo | 14 | Kuala Lumpur | 7 |
| Osaka | 7 | Nepal | 7 |
| Kyrgyzstan | 19 | Kathmandu | 7 |
| Bishkek | 15 | Singapore | 7 |
| Osh | 4 | Singapore | 7 |
| Kazakhstan | 15 | Sri Lanka | 7 |
| Almaty | 10 | Colombo | 7 |
| Astana | 5 | Uzbekistan | 7 |
| India | 14 | Tashkent | 7 |
| Mumbai | 7 | Vietnam | 7 |
| New Delhi | 7 | Ho Chi Minh | 7 |
| Pakistan | 14 | Tajikistan | 5 |
| Karachi | 7 | Dushanbe | 3 |
| Islamabad | 4 | Khujand | 2 |
| Lahore | 3 | Philippines | 3 |
| Thailand | 14 | Manila | 3 |
| Bangkok | 14 | Mongolia | 3 |
| Turkmenistan | 14 | Ulaanbaatar | 3 |
| Ashgabad | 14 |  |  |
| South Korea | 11 |  |  |
| Seoul | 11 | Future Routes |  |
| Afghanistan | 10 |  |  |
| Kabul | 7 | Vietnam |  |
| Mazar-ı Sharif | 3 | Hanoi |  |


| AMERICAS |  |  |  |
| :--- | ---: | ---: | :---: |
| 4 COUNTRIES, 11 CITIES |  |  |  |
| USA | 61 | Brazil |  |
| New York | 21 | Sao Paulo |  |
| Boston | 7 | 7 |  |
| Chicago | 7 | Future Routes |  |
| Houston | 7 | USA |  |
| Los Angeles | 7 | Atlanta |  |
| Washington | 7 | Miami |  |
| San Francisco | 5 | Colombia |  |
| Canada | 9 | Bogota |  |
| Toronto | 6 | Cuba |  |
| Montreal | 3 | Havana |  |
| Argentina | 7 | Mexico |  |
| Buenos Aires | 7 | Mexico City |  |

## Istanbul's Geographical Advantage - A Natural Hub

## Narrow Body Range Capability to and from Istanbul <br> (with full passenger payload)

$\checkmark \quad 195$ out of 231 international destinations
$\checkmark$ More than $40 \%$ of world-wide international traffic
$\checkmark$ Over 60 national capitals
$\checkmark$ All of Europe, Middle East, Central Asia and North and East Africa

Highest Coverage of Secondary Cities We fly to 42 of the Global Top 50 Hub Airports...

|  | \# of <br> Secondary <br> Airports | Among Top <br> 50 Hubs | \# of Total <br> Int'l <br> Airports | Int'I Pax <br> Coverage <br> (\%) |
| :--- | :---: | :---: | :---: | :---: |
| THY | $\mathbf{1 8 9}$ | $\mathbf{4 2}$ | $\mathbf{2 3 1}$ | $\mathbf{7 6 . 8 \%}$ |
| British | 116 | 43 | 159 | $77.6 \%$ |
| Lufhansa | 97 | 44 | 141 | $78.1 \%$ |
| Emirates | 91 | 41 | 132 | $74.0 \%$ |
| Air France | 84 | 39 | 123 | $67.1 \%$ |



Current Wide Body destinations
O Future Wide Body destinations

## Highest Connectivity for Europe, Africa and Middle East

## Airlines Connectivity by Number of O\&D Pairs (Top Three)

| Europe to the World |  |
| :--- | :---: |
| Turkish Airlines | 19,250 |
| Lufthansa | 8,550 |
| British Airways | 8,544 |
| Middle East to the World |  |
| Turkish Airlines | 8,330 |
| Qatar Airways | 2,912 |
| Lufthansa |  |
|  | 2,124 |
| Africa to the World |  |
| Turkish Airlines |  |
| Air France | 10,530 |
| British Airways | 4,386 |
|  | 3,006 |
| Far East to the World |  |
| United Airlines |  |
| Turkish Airlines | 9,030 |
| Delta | 8,330 |
|  | 5,100 |

Detour* Advantage


## Global Market Share Gains




Notes: For US carriers regional flights are excluded. Wholly owned subsidiaries are included in the calculation. 2015 capacities are obtained from OAG on 5 August 2015.
Source: 2002 ICAO, 2003-2014 IATA, 2015F OAG, company reports, sorted by 2015F ASK values.
WIDEN YOUR WORLD
TURKISH

## Passenger Traffic (9M'15)

## Total Passengers (mn)



## Load Factor (L/F \%)



## THY Passenger Traffic

| 9M'14 | vs | $9 \mathbf{M ' 1 5}^{\prime} \mathbf{1 5}$ |
| :---: | :---: | :---: |
| Landing | up by | $9.3 \%$ |
| ASK | up by | $12.6 \%$ |
| RPK | up by | $11.5 \%$ |
| Passenger \# | up by | $12.2 \%$ |
| L/F | down by | -0.8 pt |

Annual Changes (\%)

|  | 2010 | $\mathbf{2 0 1 1}$ | $\mathbf{2 0 1 2}$ | $\mathbf{2 0 1 3}$ | $\mathbf{2 0 1 4}$ |
| :--- | :---: | :---: | :---: | :---: | :---: |
| ASK | $15 \%$ | $25 \%$ | $18 \%$ | $21 \%$ | $16 \%$ |
| RPK | $19 \%$ | $23 \%$ | $27 \%$ | $23 \%$ | $16 \%$ |
| PAX | $16 \%$ | $12 \%$ | $20 \%$ | $24 \%$ | $13 \%$ |
| L/F (pt) | 2.8 | -1.1 | 5.1 | 1.4 | -0.1 |

## Passenger Breakdown (9M'15)

Int'I to Int'I Transfer Passengers ('000)


## Passenger Breakdown by Transfer Type



Note: Int'l to int'l transfer passengers' share in total international passengers is 51\%.

Int'I Passenger Breakdown by Geography


Note: Includes only scheduled passengers.

## Passenger Breakdown by Cabin Class



Note: Includes only scheduled passengers. Business class passengers include comfort class passengers. ( $0.4 \%$ ) AIRLINES

## Total Revenue and Expenses (9M'15)

## Revenue (mn USD)



Expenses (mn USD)

- Fuel - Personnel - Other



## Revenue Breakdown (9M'15)

## Revenue by Business Type



## Revenue by Passenger Class



## Revenue by Geography



Note: Includes scheduled passenger and cargo revenue
Revenue by Point of Sale


## Operational Expense Breakdown

| (mn USD) | 9M'14 | \% in Total | 9M'15 | \% in Total | YoY Change |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Fuel | 2,941 | 37.3\% | 2,290 | 31.3\% | -22.1\% |
| Personnel | 1,262 | 16.0\% | 1,225 | 16.7\% | -2.9\% |
| Landing, Navigation \& Air Traffic | 716 | 9.1\% | 687 | 9.4\% | -4.1\% |
| Landing and navigation | 311 | 3.9\% | 308 | 4.2\% | -1.0\% |
| Air Traffic Control | 405 | 5.1\% | 379 | 5.2\% | -6.4\% |
| Sales \& Marketing | 623 | 7.9\% | 648 | 8.9\% | 4.0\% |
| Commissions and Incentives | 276 | 3.5\% | 267 | 3.6\% | -3.3\% |
| Reservation System | 169 | 2.1\% | 171 | 2.3\% | 1.2\% |
| Advertising | 103 | 1.3\% | 124 | 1.7\% | 20.4\% |
| Other | 75 | 0.9\% | 86 | 1.2\% | 14.7\% |
| Depreciation | 549 | 7.0\% | 658 | 9.0\% | 19.9\% |
| Ground Handling | 468 | 5.9\% | 465 | 6.4\% | -0.6\% |
| Aircraft Rent | 431 | 5.5\% | 375 | 5.1\% | -13.0\% |
| Operational Lease | 122 | 1.5\% | 151 | 2.1\% | 23.8\% |
| Wet Lease | 309 | 3.9\% | 224 | 3.1\% | -27.5\% |
| Passenger Services \& Catering | 419 | 5.3\% | 441 | 6.0\% | 5.3\% |
| Maintenance | 305 | 3.9\% | 339 | 4.6\% | 11.1\% |
| General Administration | 64 | 0.8\% | 63 | 0.9\% | -1.6\% |
| Other | 117 | 1.5\% | 131 | 1.8\% | 12.0\% |
| TOTAL | 7,895 | 100\% | 7,322 | 100\% | -7.3\% |
| Operating Cost per ASK (USc) | 7.87 | - | 6.48 | - | -17.6\% |
| Ex-fuel Operating Cost per ASK (Usc) | 4.94 | - | 4.45 | - | -9.8\% |
| Fixed Costs | 2,092 | 26.5\% | 2,094 | 28.6\% | 0.1\% |

## Unit Operating Costs

## Cost Per ASK (Usc)



## Operating Efficiency

## Personnel Efficiency



## EBITDAR Margin

AVG (2010-2014): 18.3\%


| (mn USD) | 2010 | 2011 | 2012 | 2013 | 2014 | 9M'14 | 9M'15 | YoY Change |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Revenue | 5,448 | 7,070 | 8,234 | 9,826 | 11,070 | 8,540 | 8,054 | -5.7\% |
| Net Income | 185 | 11 | 657 | 357 | 845 | 723 | 877 | 21.3\% |
| Net Income Margin | 3.4\% | 0.2\% | 8.0\% | 3.6\% | 7.6\% | 8.5\% | 10.9\% | 2.4 pt |
| EBIT | 262 | 277 | 691 | 755 | 770 | 803 | 1,019 | 26.9\% |
| EBIT Margin | 4.8\% | 3.9\% | 8.4\% | 7.7\% | 7.0\% | 9.4\% | 12.7\% | 3.2 pt |
| EBITDAR | 1,024 | 1,130 | 1,603 | 1,843 | 2,044 | 1,766 | 2,108 | 19.4\% |
| EBITDAR Margin | 18.8\% | 16.0\% | 19.5\% | 18.8\% | 18.5\% | 20.7\% | 26.2\% | 5.5 pt |

## Peer Group vs Turkish Airlines Profitability

## EBITDAR Margin \% Comparison

## 2014 Annual



9M'15


## Peer Group vs Turkish Airlines Efficiency

PAX Per Personnel (2014)


Cost Per ASK (Usc) 2014
-Personnel/ASK Fuel/ASK Others/ASK


## Current Fleet

| 30.09.2015 | Type | Total | Owned | Financial Lease | Opr./Wet Lease | Seat Capacity | Average Fleet Age | Year End Fleet* |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  |  |  |  | 2015 | 2016 | 2017 | 2018 | 2019 | 2020 | 2021 |
| Wide Body | A330-200 | 19 |  | 5 | 14 | 4,525 | 8.1 | 19 | 19 | 17 | 17 | 15 | 12 | 12 |
|  | А $330-300$ | 26 |  | 25 | 1 | 7,516 | 2.2 | 27 | 32 | 32 | 32 | 32 | 32 | 32 |
|  | A340-300 | 4 | 4 |  |  | 1,080 | 17.2 | 4 | 4 | 4 | 4 | 4 | 4 | 4 |
|  | B777-3ER | 22 |  | 22 |  | 7,534 | 2.8 | 23 | 29 | 32 | 32 | 32 | 32 | 32 |
|  | Total | 71 | 4 | 52 | 15 | 20,655 | 4.9 | 73 | 84 | 85 | 85 | 83 | 80 | 80 |
| Narrow Body | B737-900ER | 15 |  | 15 |  | 2,355 | 2.2 | 15 | 15 | 15 | 15 | 15 | 15 | 15 |
|  | B737-9 MAX |  |  |  |  |  |  |  |  |  |  | 5 | 10 | 10 |
|  | B737-800 | 68 | 25 | 33 | 10 | 10,940 | 9.3 | 68 | 88 | 87 | 78 | 78 | 78 | 78 |
|  | B737-700 | 3 |  |  | 3 | 372 | 9.5 | 3 | 1 | 1 | 1 | 1 |  |  |
|  | B737-8 MAX |  |  |  |  |  |  |  |  |  | 20 | 30 | 55 | 65 |
|  | A321 NEO |  |  |  |  |  |  |  |  | 4 | 31 | 56 | 88 | 92 |
|  | A319-100 | 14 |  | 6 | 8 | 1,848 | 7.2 | 14 | 14 | 11 | 9 | 8 | 6 | 6 |
|  | A320-200 | 29 |  | 12 | 17 | 4,572 | 8.2 | 29 | 29 | 22 | 19 | 12 | 12 | 12 |
|  | A321-200 | 54 |  | 50 | 4 | 9,814 | 4.7 | 56 | 66 | 68 | 68 | 68 | 66 | 64 |
|  | B737-800 WL | 24 |  |  | 24 | 4,536 | 8.9 | 24 | 22 | 22 | 20 | 19 | 9 | 7 |
|  | B737-700 WL | 4 |  |  | 4 | 596 | 8.1 | 1 |  |  |  |  |  |  |
|  | E190 WL/E195 WL | 6 |  |  | 6 | 684 | 4.2 | 6 | 3 |  |  |  |  |  |
|  | Total | 217 | 25 | 116 | 76 | 35,717 | 7.3 | 216 | 238 | 230 | 261 | 292 | 339 | 349 |
| Cargo | A330-200F | 6 |  | 6 |  | - | 2.8 | 6 | 8 | 9 | 9 | 9 | 9 | 9 |
|  | Wet Lease | 4 |  |  | 4 | - | 16.7 | 4 | 1 |  |  |  |  |  |
|  | Total | 10 |  | 6 | 4 | - | 9.4 | 10 | 9 | 9 | 9 | 9 | 9 | 9 |
|  | GRAND TOTAL | 298 | 29 | 174 | 95 | 56,372 | 6.8 | 299 | 331 | 324 | 355 | 384 | 428 | 438 |
| *After exit-entr |  |  |  |  |  | Seat Capacity Change: |  | 18\% | 13\% | -1\% | 8\% | 7\% | 11\% | 2\% |

## Fleet Development

| 30.09.2015 | Type | 2011-2021 Aircraft Purchases |  |  |  |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | Delivered |  |  |  |  |  | To Be Delivered |  |  |  |  |  |  |  |
|  |  | 2011 | 2012 | 2013 | 2014 | 2015 | TOTAL | 2015 | 2016 | 2017 | 2018 | 2019 | 2020 | 2021 | TOTAL |
| Wide Body | A330-300 | 3 | 3 | 2 | 6 | 7 | 21 |  | 5 |  |  |  |  |  | 5 |
|  | B777-3ER | 7 |  |  | 4 | 6 | 17 | 1 | 6 | 3 |  |  |  |  | 10 |
|  | Total | 10 | 3 | 2 | 10 | 13 | 38 | 1 | 11 | 3 |  |  |  |  | 15 |
| Narrow Body | B737-900ER | 2 | 7 | 1 |  | 5 | 15 |  |  |  |  |  |  |  |  |
|  | B737-9 MAX |  |  |  |  |  |  |  |  |  |  | 5 | 5 |  | 10 |
|  | B737-800 | 2 | 2 | 6 | 10 |  | 20 |  | 20 |  |  |  |  |  | 20 |
|  | B737-8 MAX* |  |  |  |  |  |  |  |  |  | 20 | 10 | 25 | 10 | 65 |
|  | A321 | 8 | 7 | 9 |  | 11 | 34 | 2 | 10 | 2 |  |  |  |  | 15 |
|  | A321 NEO** |  |  |  |  |  |  |  |  | 4 | 27 | 25 | 32 | 4 | 92 |
|  | A319 | 6 |  |  |  |  | 6 |  |  |  |  |  |  |  |  |
|  | Total | 18 | 16 | 16 | 10 | 16 | 75 | 2 | 30 | 6 | 47 | 40 | 62 | 14 | 202 |
| Cargo | A330-200F | 1 | 1 | 2 |  | 1 | 5 |  | 2 | 1 |  |  |  |  | 3 |
|  | Total | 1 | 1 | 2 |  | 1 | 5 |  | 2 | 1 |  |  |  |  | 3 |
|  | GRAND TOTAL | 29 | 20 | 20 | 20 | 30 | 118 | 3 | 43 | 10 | 47 | 40 | 62 | 14 | 220 |

[^0]** Including 20 optional aircraft in 2020

## Hedging Fuel Price Risk



- Around 22 million barrels of hedged position on ICE BRENT as of September 30, 2015
- Current fuel hedging levels:
- 4Q'15: \%49
- FY16: \%34


## Turkish Airlines Fuel Hedging Rate



- Active Surcharge Policy: $50 \%$ of fuel cost is reflected to ticket prices
- Decreasing layered hedging strategy (24 months)
- Crude oil based swaps and options
- Aim to reach $50 \%$ of following months budgeted consumption


## Hedging Currency Risk

## Revenue by Currency ${ }^{(1)}$ (3Q'15)



## Expenses by Currency (3Q'15)



## Hedging Policy - Currency Hedging Rate



- Monthly gradually decreasing layered hedging strategy
- Sell EUR, Buy USD and TRY via forward contracts
- Each contract for 24-month period
- Target hedge levels: 30\% for TRY, 25-35\% for USD
- Flexible hedge strategy with respect to conditions


## Current currency hedging matrix:

| 4Q'15 | Hedging Levels* | Average Price |
| :--- | :---: | :---: |
| EUR/USD | $25 \%$ | 1.27 |
| EUR/TRY | $29 \%$ | 3.19 |

[^1]
## Debt Management and Aircraft Financing

As of 30.09.2015
Total Debt : 8.4 bn USD
Weighted Average Interest Rate: 3.0\%

5 Year Maturity Profile (USD mn)


Lease Type


Interest Rate Type


Currency Type


## Credit Rating



Note: Retrived from S\&P and Moody's website on 31 October 2015.

## The Best Airline in Europe in the last 5 years

Winner of 4 awards at the 2015 Skytrax World Airline Awards:
, Best Airline in Europe
, Best Airline in Southern Europe
, World's Best Business Class Airline Lounge
, World's Best Business Class Lounge Dining

ETHICAL
EDATITODIR
CORPORATE
GOVERNANCE
AWARDS
2015
Winner of Best Corporate Governance Award in Europe in 2015



Best Investor Relations
in Turkey in 2015

Structured Finance Deal of the Year" by Bonds \& Loans

Turkish Cargo wins "Overall Carrier Of The Year" and "Combination Carrier of the Year" at Payload Asia Awards

## TURKISH AIRLINES

## INVESTOR RELATIONS

Tel: +90 (212) 463-6363 x-13630 e-mail: ir@thy.com

## WIDEN YOUR WORLD

## TURKISH AIRLINES

## Balance Sheet

| Assets (mn USD) | 2010 | 2011 | 2012 | 2013 | 2014 | 9M'15 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Cash and Equivalents | 581 | 934 | 1,028 | 647 | 722 | 1,156 |
| Trade Receivables | 374 | 405 | 434 | 538 | 456 | 485 |
| Pre-delivery Payment (PDP) Receivables | 1,042 | 376 | 267 | 521 | 990 | 1,058 |
| Other Current Assets | 263 | 426 | 437 | 419 | 663 | 728 |
| Total Current Assets | 2,259 | 2,140 | 2,166 | 2,125 | 2,831 | 3,427 |
| Net Fixed Assets | 4,168 | 5,873 | 7,121 | 8,043 | 9,201 | 11,252 |
| of which Aircraft and Engines | 3,822 | 5,319 | 6,392 | 7,030 | 8,167 | 9,566 |
| Pre-delivery Payment (PDP) Receivables | 108 | 217 | 655 | 993 | 650 | 406 |
| Other Non-Current Assets | 354 | 455 | 581 | 741 | 1,064 | 1,314 |
| Total Non-Current Assets | 4,629 | 6,545 | 8,357 | 9,777 | 10,915 | 12,972 |
| Total Assets | 6,888 | 8,685 | 10,523 | 11,902 | 13,746 | 16,399 |
| Liabilities (mn USD) | 2010 | 2011 | 2012 | 2013 | 2014 | 9M'15 |
| Lease Obligations | 2,703 | 4,189 | 4,862 | 5,413 | 5,931 | 7,508 |
| Passenger Flight Liabilities | 436 | 677 | 936 | 1,201 | 1,398 | 1,325 |
| Accounts Payable | 476 | 461 | 510 | 680 | 662 | 713 |
| Other Liabilities | 850 | 976 | 1,183 | 1,346 | 1,805 | 2,042 |
| Total Liabilities | 4,464 | 6,303 | 7,491 | 8,640 | 9,796 | 11,588 |
| Total Shareholders Equity | 2,424 | 2,382 | 3,032 | 3,262 | 3,950 | 4,811 |
| of which Issued Capital | 1,374 | 1,498 | 1,498 | 1,597 | 1,597 | 1,597 |
| of which Retained Earnings | 827 | 889 | 903 | 1,350 | 1,714 | 2,559 |
| of which Differences from Currency Translation | 2 | -18 | -10 | -26 | -47 | -84 |
| of which Net Profit for the Period | 185 | 11 | 657 | 357 | 845 | 877 |
| Total Liabilities \& Shareholders Equity | 6,888 | 8,685 | 10,523 | 11,902 | 13,746 | 16,399 |

## Income Statement

| (mn USD) | 2010 | 2011 | 2012 | 2013 | 2014 | 9M'14 | 9M'15 | YoY Change |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Operating Revenue | 5,448 | 7,070 | 8,234 | 9,826 | 11,070 | 8,540 | 8,054 | -6\% |
| Operating Expenses (-) | 5,149 | 6,855 | 7,616 | 9,249 | 10,467 | 7,895 | 7,322 | -7\% |
| of which Fuel | 1,406 | 2,394 | 2,887 | 3,442 | 3,845 | 2,941 | 2,290 | -22\% |
| of which Personnel | 1,141 | 1,339 | 1,376 | 1,581 | 1,694 | 1,262 | 1,225 | -3\% |
| of which Depreciation | 297 | 486 | 574 | 650 | 744 | 549 | 658 | 20\% |
| of which Rent | 305 | 252 | 243 | 448 | 543 | 431 | 375 | -13\% |
| Net Operating Profit / Loss | 299 | 215 | 618 | 577 | 603 | 645 | 732 | 13\% |
| Income From Other Operations | 92 | 96 | 95 | 115 | 81 | 71 | 191 | 169\% |
| Expense From Other Operations (-) | 79 | 237 | 61 | 41 | 46 | 22 | 29 | 32\% |
| Profit / (Loss) From Main Operations | 312 | 73 | 652 | 651 | 638 | 694 | 894 | 29\% |
| Income From Investment Activities (Net) | - | - | 271 | 76 | 72 | 38 | 54 | 42\% |
| Share of Investments' Profit / Loss | 24 | 6 | 4 | 55 | 75 | 67 | 79 | 18\% |
| Financial Income | 47 | 158 | 49 | 27 | 443 | 233 | 427 | 83\% |
| Financial Expense (-) | 99 | 150 | 191 | 307 | 182 | 140 | 265 | 89\% |
| Profit Before Tax | 237 | 87 | 785 | 502 | 1,046 | 892 | 1,189 | 33\% |
| Tax (-) | 51 | 76 | 128 | 145 | 201 | 169 | 312 | 85\% |
| Net Profit | 185 | 11 | 657 | 357 | 845 | 723 | 877 | 21\% |

## EBITDAR Calculation

| 3Q'14 | 3Q'15 | YoY Change | EBITDAR (mn USD) | 9M'14 | 9M'15 | YoY Change |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 3,318 | 3,265 | -2\% | Sales Revenue | 8,540 | 8,054 | -6\% |
| 2,448 | 2,241 | -8\% | Cost of Sales (-) | 6,856 | 6,276 | -8\% |
| 870 | 1,024 | 18\% | GROSS PROFIT / (LOSS) | 1,684 | 1,778 | 6\% |
| 66 | 64 | -3\% | General Administrative Expenses (-) | 201 | 199 | -1\% |
| 267 | 278 | 4\% | Marketing and Sales Expenses (-) | 838 | 847 | 1\% |
| 537 | 682 | 27\% | NET OPERATING PROFIT / (LOSS) | 645 | 732 | 13\% |
| 18 | 33 | 83\% | Other Operating Income | 71 | 191 | 169\% |
| 17 | 13 | -24\% | Other Operating Expense (-) | 22 | 29 | 32\% |
| 538 | 702 | 30\% | Profit / (Loss) from Main Operations | 694 | 894 | 29\% |
| 62 | 83 | 34\% | Adjustments | 109 | 125 | 15\% |
| 47 | 67 | 43\% | Share of Investments' Profit / Loss Accounted by Using The Equity Method | 67 | 79 | 18\% |
| 15 | 16 | 7\% | Income From Government Incentives | 42 | 46 | 10\% |
| 600 | 785 | 31\% | EBIT | 803 | 1,019 | 27\% |
| 176 | 215 | 22\% | Cost of Sales_Depreciation | 513 | 610 | 19\% |
| 13 | 16 | 23\% | General Administrative Expenses_Depreciation | 31 | 43 | 39\% |
| 2 | 2 | 0\% | Marketing and Sales Expenses_Depreciation | 5 | 5 | 0\% |
| 791 | 1,018 | 29\% | EBITDA | 1,352 | 1,677 | 24\% |
| 93 | 118 | 27\% | Adjusted Operating Lease Expenses ${ }^{1}$ | 244 | 308 | 26\% |
| 64 | 48 | -26\% | Adjusted Short term Lease Expenses (Wet-lease) ${ }^{2}$ | 170 | 123 | -28\% |
| 948 | 1,184 | 25\% | EBITDAR | 1,766 | 2,108 | 19\% |
| 28.6\% | 36.3\% | 7.7 pt | EBITDAR MARGIN | 20.7\% | 26.2\% | 5.5 pt |

[^2]
## Financial Ratios

Net Debt / EBITDA


Adjusted Net Debt ${ }^{(1)} /$ EBITDAR

${ }^{(1)}$ Adjusted for the capitalization of operating leases including $55 \%$ of wet lease ( 7 x )
${ }^{(2)}$ Adjusted by the portion of financial costs within operating leases (33\%)

## EBITDA / Net Interest Cost



EBITDAR / Adjusted Net Interest Cost ${ }^{(2)}$
EBITDAR / Adj. Net Interest Cost


## Cargo Transportation

Cargo Tonnage Carried (‘000 Ton)


Cargo Revenue Evolution (mn USD)


- Turkish Cargo serves 55 destinations with 10 freighters besides 277 destinations with 288 passenger aircraft.
- Turkish Cargo global market share in revenue has increased from 0.6\% in 2009 to $1.6 \%$ in 2014.
- In 2014, while World FTK grew by 4.5\%, Turkish Cargo FTK grew by $17.6 \%$ compared to previous year.
- New Cargo Terminal was opened at the end of 2014. The facility has 1.2 million tons of cargo capacity and $43,000 \mathrm{~m}^{2}$ closed warehouse area.
- COMIS Project was completed and sales, accounting and operations modules were upgraded with the new generation iCargo system in 3Q'15.


## Recent Awards

- Overall Carrier of the Year, Combination Carrier of the Year Winner - Payload Asia (2014)
- Best European Cargo Airline - Air Cargo News (2014)
- India Cargo Airline of the Year (2014)
- Best Asia Pacific Cargo Airline (2013)
- International Air Cargo Winner (2013)


## Subsidiaries \& Affiliates

|  | Turkish Airlines Group 9M'15 | Revenue (mn USD) | Net Profit (mn USD) | \% of Sales to Turkish Airlines | Number of Personnel | Paid in Capital (mn USD) | Partnership Structure |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1 | Turkish Airlines* | 8,054 | 877 | - | 21,605 | 1,597 | \%49 Öl̉B - \%51 Public |
| 2 | Turkish Opet Aviation Fuels | 1,394 | 20 | 96\% | 426 | 16 | \%50 THY - \%50 Opet |
| 3 | Sun Express (Turkey \& Germany Consolidated) | 954 | 90 | 20\% | 3,420 | 35 | \%50 THY - \%50 Lufthansa |
| 4 | THY Turkish Technic | 668 | 27 | 81\% | 5,383 | 316 | \% 100 THY |
| 5 | THY Turkish Do\&Co | 287 | 27 | 89\% | 5,539 | 10 | \%50 THY - \%50 Do\&Co |
| 6 | Turkish Ground Services | 192 | 20 | 82\% | 9,953 | 4 | \%50 THY - \%50 Havaş |
| 7 | Pratt Whitney THY Turkish Engine Center (TEC) | 163 | 8 | 72\% | 269 | 26 | \%51 PW - \%49 THY |
| 8 | Goodrich Turkish Airlines Technical Service Center | 7 | - | 71\% | 31 | 1 | \%60 TSA Rina - \%40 THY Teknik |
| 9 | Turkish Cabin Interior Systems Industries, Inc. | 5 | -6 | 100\% | 154 | 17 | \%50 THY \& THY Teknik - \%50 TAI |
| 10 | Aircraft Seat Manufacturing Industry \& Trade, Inc. | 4 | - | 100\% | 40 | 0 | \%50 THY \& THY Teknik Assan Hanil \%50 |
| 11 | THY Aydın Çıldır Airport Management, Inc. | 1 | - | 100\% | 5 | 16 | \%100 THY |
| 12 | Turkbine Technical Gas Turbines Maintenance \& Repair, Inc. | 1 | - | 0\% | 10 | 5 | \%50 THY Teknik - \%50 Zorlu O\&M |
| 13 | Tax Free Zone, Inc. (Tax Refund) | - | - | - | 10 | 0.3 | \%30 THY - \%45 Maslak Oto \%25 VK Holding |

[^3]
## Subsidiaries \& Affiliates

## Turkish Technic

, Owned $100 \%$ by THY.
, Provides maintenance services to more than 100 customers, including international airlines such as Lufthansa, KLM, BA and Alitalia as well as domestic airlines.

Besides the facility at Ataturk Airport, a new world-class facility, HABOM, located at Sabiha Gökçen International Airport was launched by the end of June'14 with an investment of USD 550 million to increase technical maintenance and repair capacity and capability available to both Turkish Airlines and 3rd party customers.
, HABOM's location makes it a convenient MRO option for $39 \%$ of the world's civilian aircraft and has 55 countries lying within a 3.5 hour flying radius. HABOM facilities, when fully operational, will have 7,000 personnel and is expected to produce annual revenue of USD 1.5 billion.
, Turkish Airlines has a total MRO capacity to provide simultaneous maintenance, repair and overhaul services for 30 narrow body aircraft and 10 wide body aircraft in a closed area capacity of $576,000 \mathrm{~m}^{2}$.
, On January 2015, HABOM was awarded LEED (Leadership in Energy and Environmental Design) Gold Certificate by U.S. Green Building Council for its sustainable building design.


## Subsidiaries \& Affiliates

## Turkish Seat Industries (TSI)

, Formed in 2011, stakes of $50 \%$, $45 \%$, and $5 \%$ are respectively held by Assan Hanil Group, Turkish Airlines and Turkish Technic.
, The company was set up to design and manufacture airline seats and to make, modify, market and sell spare parts to Turkish Airlines and other international airline companies. The seats are built using 100\% Turkish products and Turkish production.
, The first aircraft equipped with the new seats is a Turkish Airlines B737800. The seats will initially be used on the B737-800s of Turkish Airlines fleet and then be installed on the Airbus single-aisle fleet of A319s, A320s and A321s.
, The company, which commenced its operations in 2014, has an annual seat production capacity of 10 thousand. By 2024, it is planned to increase seat production capacity to 50 thousand.

## Goodrich THY Technic Service Center

, Provides repair, overhaul and modification services for Nacelle, Thrust Reverser and its components for Turkish Airlines and other customers from Turkish domestic and International markets.
, The company is located in Turkish Technic's HABOM facility.


## Turkish Engine Center

, Provides engine maintenance, repair and overhaul (MRO) services to customers located in Turkey, surrounding regions and worldwide.
, The environmentally efficient engine overhaul facility has total usage area of 100,000 $\mathrm{m}^{2}$ located at the Sabiha Gokcen International Airport.

## Subsidiaries \& Affiliates



## Turkish OPET

, In terms of investment on jet fuel supply Turkish Airlines established a jet fuel supply company together with local oil retailer OPET on September 2009.
, The business activity of the established company is to supply jet fuel to any type of aircraft.
, Started supplying jet fuel to THY for all domestic airports as of July $1^{\text {st }} 2011$.


## Turkish Do\&Co

, Since 2007, operating nine gourmet kitchens all over Turkey: Istanbul (Atatürk and Sabiha Gökcen), Ankara, Antalya, Izmir, Bodrum, Trabzon, Dalaman and Adana. Over 60 national and international airlines are catered from these locations.
, Turkish Airlines won the "Best Business Class Catering" award at the 2013 Skytrax World Airline Awards and "World's Best Economy Class Onboard Catering" award at the 2010 Skytrax Awards with Turkish Do\&Co.


## TGS Ground Services

, Owned $50 \%-50 \%$ by THY and Havaş Havaalanları Yer Hizmetleri A.Ş.
, Provides ground services to Turkish Airlines since the beginning of 2010, currently at eight major airports in Turkey: Istanbul (Ataturk and Sabiha Gokcen), Izmir, Ankara, Antalya, Adana, Bodrum, Dalaman.

## Subsidiaries \& Affiliates




$$
50 \%-50 \% \text { subsidiary }
$$ company of Lufthansa and Turkish Airlines.

Market leader in charter flights between Germany and Turkey.

Finalized an order for 50 Boeing next generation narrow body aircraft to be delivered between 2015 and 2021. Four of those aircraft were delivered as of 3Q'15.

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[^0]:    * Including 10 optional aircraft in 2021

[^1]:    * Percentage of respective short positions.

[^2]:    (*): Adjusted for A/C heavy maintenance
    (**): Adjusted for A/C rent portion (Aprox. 55\%)

[^3]:    * THY A.O. Personnel

