

# **Japan Airlines Corporation**



FY2007 – 2010 JAL Group Medium Term Revival Plan

February 6, 2007

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# 1. FY2007 - 2010 JAL Group Medium Term Revival Plan

2. Financial Target for Medium Term Revival Plan

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#### Our Determination and Commitment for Revival



- We are committed to implementing the measures of this Medium Term Revival Plan
- We will make every groupwide effort to regain trust and to revive JAL
- → FY2010 Stable growth The airline of customers' first choice Consolidated operating income target: ¥88bln —
- → FY2009 Complete restructuring of our business foundation
- ♦ FY2007 The last chance for self-turnaround
   Solidify our business foundation and be aggressive
   Consolidated operating income target: ¥30bln+ —



Will not achieve FY2006 operating income target of ¥17 bln Forecast: ¥13bln

## Background of the Medium Term Revival Plan



- The biggest challenge Restructure our business foundation to generate stable profits under the slowdown in operating revenues growth
- Measures required to overcome the challenge
  - Drastic fixed cost cut
  - Optimization of fleet size
  - Targeting of high-yield customers
  - Reduction of huge debts
  - Counter-measures to combat highly volatile fuel price

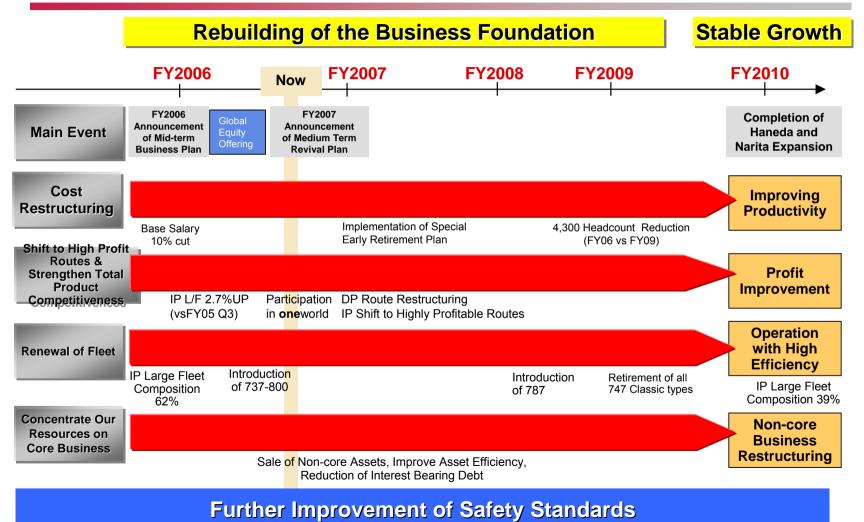
#### **Outline of Medium Term Revival Plan**

- Enhance profitability by cost restructuring
- Downsize our fleet and strengthen our competitive edge through fleet renewal
- Shift to highly profitable routes and strengthen total product competitiveness
- Concentrate our resources on air transportation business~ enhance asset efficiency ~

## **Further Improvement of Safety Standards**

## Roadmap of the Medium Term Revival Plan





#### Medium Term Revival Plan Overview



- I. Enhance profitability by cost restructuring
  - 1. Drastic wage cut
  - 2. Headcount reduction
  - 3. Fuel cost measures
- II. Downsize our fleet and strengthen competitive edge by fleet renewal
  - 1. Fleet renewal plan
  - 2. Improvement of L/F by fleet downsizing
  - 3. Financial improvement effect by fleet downsizing
- III. Shift to highly profitable routes and strengthen total product competitiveness
  - 1. Shift to high profit routes and fleet optimization
  - 2. Strengthen total product competitiveness
  - 3. Premium customer strategy
  - 4. New development of cargo business
- IV. Concentrate our resources on air transportation
  - 1. Restructuring of non-core businesses

# Enhance Profitability by Cost Restructuring Drastic Wage Cut



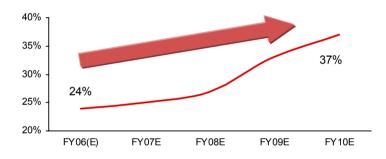
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#### **Measures for Wage Cost Cut**

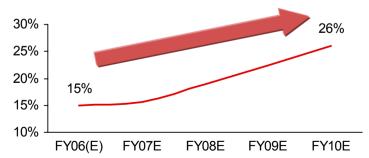
- Groupwide headcount reduction (See next page)
- Implementation of special early retirement plan
- Reduction of retirement benefit expenses by revision of the pension-related system
- Reduction of bonuses
- Continued change of base salary (10% cut)

## Promotion of Low Cost Operations

Percentage of flights operated by JAZ+JEX\* in IP



Percentage of flights operated by JAIR+JEX\* in DP



Note: JAZ=JAL Ways, JEX=JAL Express

<sup>\*</sup> Operating costs are approx. 10% lower than JAL

## Enhance Profitability by Cost Restructuring **Headcount Reduction**



#### ♦ Consolidated Headcount Reduction : 4,300 (FY06) **FY09**)

#### Measures for Personnel Reduction

Employee productivity 10% up Restructuring of non-core business (FY06 FY09)

▲4,300 employees

3,500 employees reduction through 10% improvement of employee productivity (including special early retirement plan)

[Flight/Cabin]

10% improvement of crew

utilization

[Terminal/Cargo]

Process simplification and **Toyota Production System** 

[Booking/Ticket]

System simplification and

**Toyota Production System** 

[Headquarter]

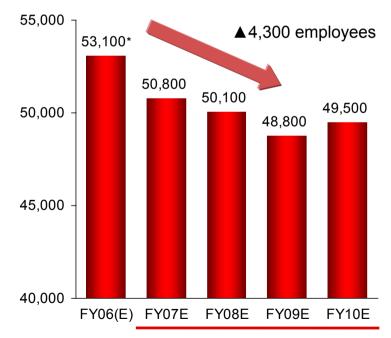
Small headquarter

administration staff 10% cut

We will implement these measures without reduction of people working for safety

#### **Consolidated Headcount Reduction Target**

(# of employees)



Medium Term Revival Plan

<sup>\*</sup>Sale of Non-core Assets is not deducted

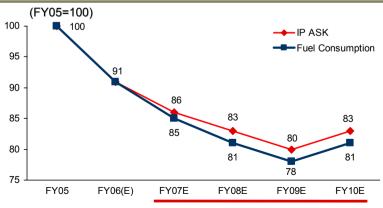
# I. Enhance Profitability by Cost Restructuring Fuel Cost Measures



#### Measures for Fuel Cost Reduction

- Fuel cost reduction by renewal of fleet
- Flexible and proactive hedging policy responding to fuel market price fluctuation
- Long-term procurement agreements with oil development & refinery company (AOC Holdings) through equity investment

#### Reduction of Fuel Usage (IP)

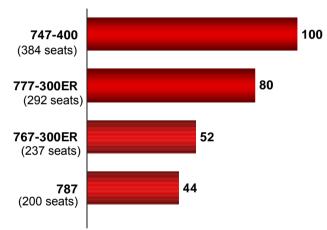


**Medium Term Revival Plan** 

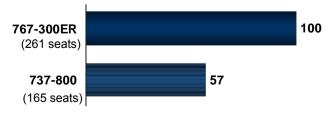
# Comparison of Fuel Consumption by Fleet Type

)=standard number of seats

#### International fleet



#### **Domestic fleet**



For international fleet, fuel consumption of 747-400 flying 4,000nm =100. For domestic fleet, fuel consumption of 767-300ER flying 1,000nm =100.

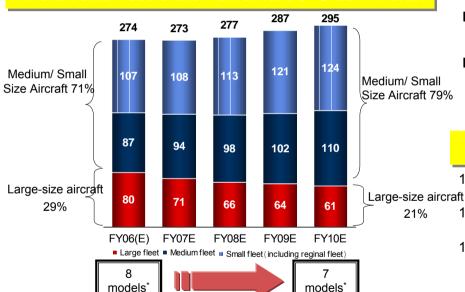
# II. Downsize Our Fleet and Strengthen Competitive Edge by Fleet Renewal

Fleet Renewal Plan



# Enhance convenience by increasing number of flights and improve fuel efficiency by introducing highly economical fleet

Aggressive Introduction of Medium/Small Size Aircraft and Accelerate Retirement of Older Aircraft



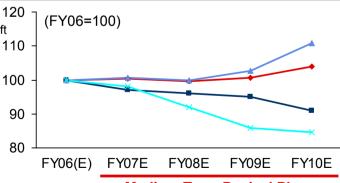
- Start introduction: 787(FY08 ~ ), New regional jet (FY08 ~ )
- Complete retirement: MD87(FY07), 747(FY09), MD81(FY10)
- Start retirement: 767(FY08 ~ ), 737-400/747-400(FY10 ~ )
- Introduction: 85 aircraft
- Retirement: 64 aircraft

#### **Improvement of Fuel Efficiency**

- 14% improvement of fuel efficiency by introduction of state-of-the-art aircraft to fleet
- Fuel Cost (Air transportation)
  FY06 FY09 ¥18 bln

FY06 FY10 ¥8 bln

#### **Seats Per Flight**



**Medium Term Revival Plan** 

# of DP flights

→ # of IP flights

Seats per DP flightSeats per IP flight

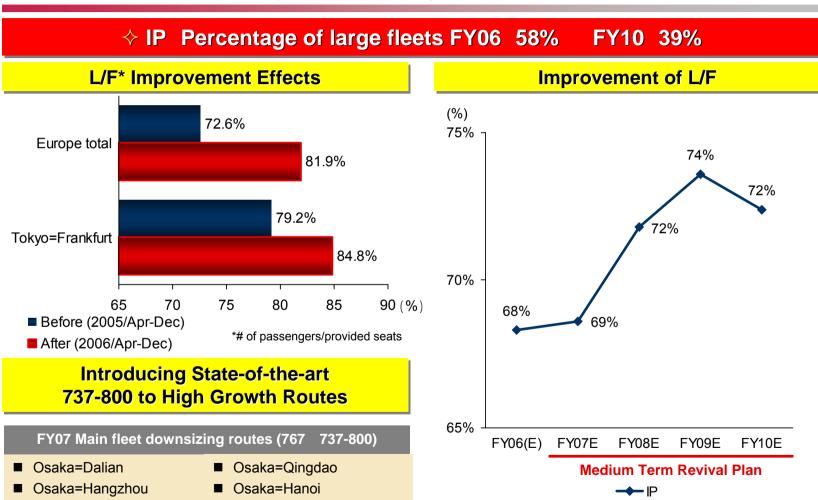
Note: International passenger operations fleet plan, Domestic passenger operations fleet plan, see appendix for large/medium/small fleet breakdown

# II. Downsize Our Fleet and Strengthen Competitive Edge by Fleet Renewal



Improvement of L/F by Fleet Downsizing

■ Osaka=Guangzhou



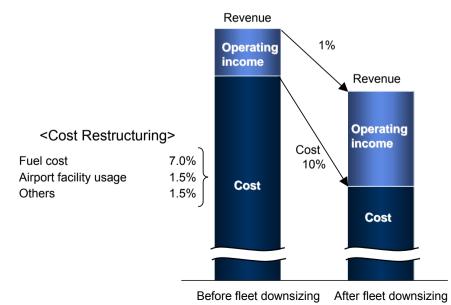
#### II. Downsize Our Fleet and Strengthen Competitive Edge by Fleet Renewal

Financial Improvement by Fleet Downsizing

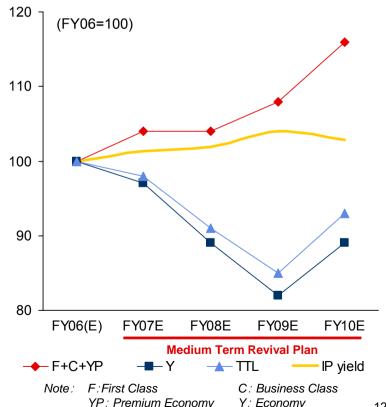
♦ Available seats for business demand will increase and yield will improve, while entire available seats will decrease

#### Cost Restructuring Effects by Fleet Downsizing

- Model case: Europe route
  - 747-400 (325 seats) 777-300ER (292 seats)
  - Profitability improvement effect of approx. ¥1.5-2.0bln per year/.per route



#### **Effective Seat Supply by Changing Class Mix** (Available Seat: FY06 as 100)



#### III. Shift to Highly Profitable Routes and Strengthen Total Product Competitiveness

Shift to High Profit Routes and Fleet Optimization



**International Passenger** - Shift to High Profitable Routes -ASK FY09/FY05 -20.4%

- Expanding percentage of China routes
  - FY06 27% FY10 33%
- Further expansion of routes: India, Vietnam and Russia

#### Increased Flights (FY07 announced)

| ■ Tokyo=NY                            | $10 \rightarrow 13$ flights per week |  |  |
|---------------------------------------|--------------------------------------|--|--|
| ■ Tokyo=Paris                         | $10 \rightarrow 14$ flights per week |  |  |
| ■ Tokyo=Moscow                        | $2 \rightarrow 3$ flights per week   |  |  |
| ■ Tokyo=Delhi                         | $4 \rightarrow 5$ flights per week   |  |  |
| ■ Osaka=Hangzhou/Dalian/Qingdao/Hanoi |                                      |  |  |

#### Suspended/Reduced Routes/Flights (FY07 announced)

| ■ Tokyo=Zurich          | 3 per week $\rightarrow$ suspend |
|-------------------------|----------------------------------|
| ■ Tokyo=Hong Kong       | $21 \rightarrow 17$ per week     |
| ■ Tokyo=Guangzhou       | $14 \rightarrow 11$ per week     |
| ■ Osaka=Brisbane=Sidney | 7 per week $\rightarrow$ suspend |

#### **Domestic Passenger** - Review Unprofitable Routes Without Exceptions -ASK FY09/FY06 -3.3%

- Optimal fleet allocation by utilization of Airflite
  - Approx. ¥4.0bln operating income improvement
- The largest revision of routes and flights

#### Reduced Flights (FY07 announced)

| ■ Nagoya (Komaki)=Kochi    | $3 \rightarrow 2$ per day |
|----------------------------|---------------------------|
| ■ Nagoya (Chubu)=Sapporo   | $7 \rightarrow 6$ per day |
| ■ Nagoya (Chubu)=Fukuoka   | $6 \rightarrow 4$ per day |
| ■ Nagoya (Chubu)=Kagoshima | $4 \rightarrow 3$ per day |
| ■ Sendai=Fukuoka           | $3 \rightarrow 2$ per day |

#### Suspended Routes (FY07 announced)

- Nagoya(Komaki)=Kita-Kyushu Sapporo=Shinshu Matsumoto
- Nagoya(Chubu)=Nagasaki
- Osaka(Itami)=Ishigaki
- Kaqoshima=Naha
- Kobe=Sendai
- Kobe=Kumamoto

- Sapporo=Misawa
- Fukuoka=Aomori
- Fukuoka=Iwate Hanamaki

- Operating income improvement effect: approx. ¥7.0bln
- Operating income improvement effect: approx. ¥6.0bln

# III. Shift to Highly Profitable Routes and Strengthen Total Product Competitiveness Strengthen Total Product Competitiveness



### Enhance products/services beyond competitors at all contact points with customers



- Improve convenience of Web site
- Upgrade booking & ticketing systems
- Improve call center response time





- Increase percentage of on-time flights
- Improve IC-check-in services
- Adequate allocation of flight schedules and fleet
- All International flights will have the latest personal In-flight Entertainment system (FY09)
- Introduction of new seats in all classes (FY09)

# III. Shift to Highly Profitable Routes and Strengthen Total Product Competitiveness Premium Strategy



### ♦Targeting high-yield customers and enhancing high quality products/services

- Introduction of First Class in DP
  - Approx. ¥4.0bln operating income improvement



- Participation in **one**world (April 07~)
  - Enhancing programs for high-yield customers (lounge, priority check-in/boarding/standby etc.)
  - Revenue improvement: approx. ¥3.5bln (Expanding product/service, introduction of alliance fare)
  - After participation, financial improvement through increased customer convenience & comfort, strengthening of brand/ competitive edge, & increased sales by offering oneworld products & services

- Introduction of Premium Economy in IP
  - Approx. ¥4.0bln operating income improvement



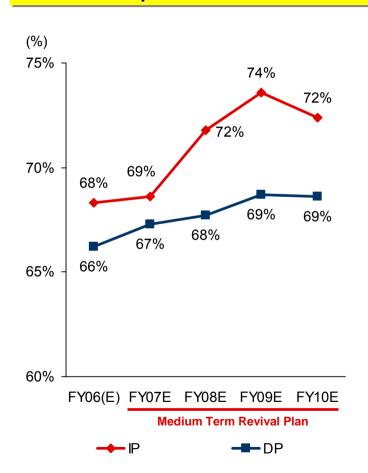
- Establishment of Corporate Sales center (April 07~)
  - Focusing on business users
  - Covering both IP and DP
- Establishment of high yield customer only desk at call center
- Improvement of Class J and its profitability

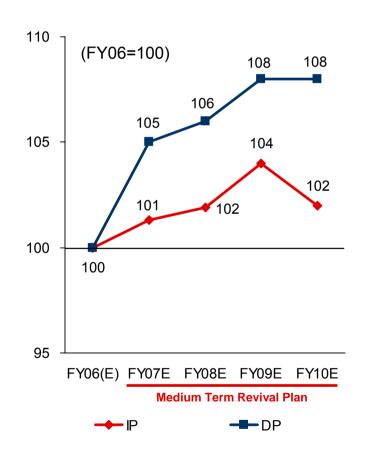
# III. Shift to High Profit Routes and Strengthen Total Product Competitiveness IP/DP Target of L/F and Yield



#### Improvement of L/F

#### Improvement of Yield (per capita)

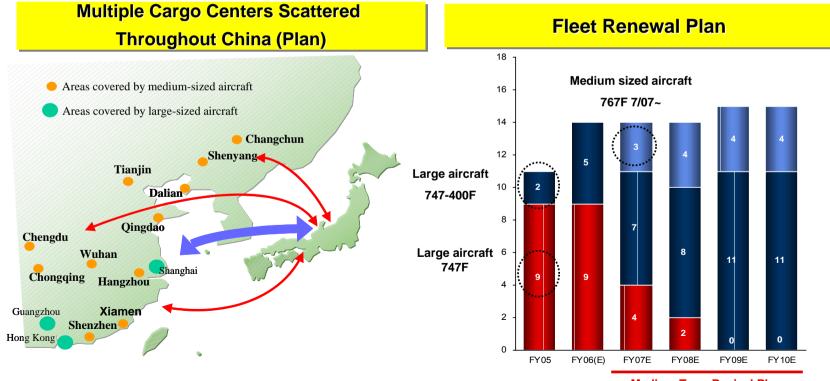




# III. Shift to High Profit Routes and Strengthen Total Product Competitiveness New Development of Cargo Business



- Cost restructuring by promoting renewal of large fleets (747F 747-400F)
   (variable aircraft operation cost -30%)
- ♦ Significant reduction of flight time and cost reduction due to direct route to/from West Coast



# IV. Concentrate Our Resources on Air Transportation



#### **♦ We will review all operations of JAL Group without exception**

### (Basic Principle)

- Concentrate our resources on air transportation
- Sale of non-core assets Improvement of asset efficiency/reduction of debt
- Enhancement of competitive edge by capital tie-ups (introducing outside know-how)
   Improving customer satisfaction

#### Commerce and distribution

 JALUX capital alliance with Sojitsu (sold 30% of stake) will enhance JAL's competitiveness

#### Hotel

- Exit from asset holding risk, deepen operation business model
- JAL Hotels expanding franchise, possibility of future IPO in 2008



1. FY2007 - 2010 JAL Group Medium Term Revival Plan

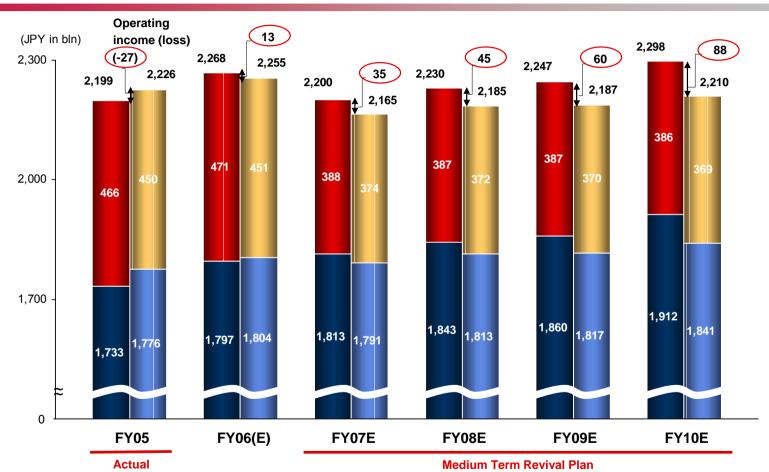


2. Financial Target for Medium Term Revival Plan

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# Transformation of Profit Structure (consolidated)



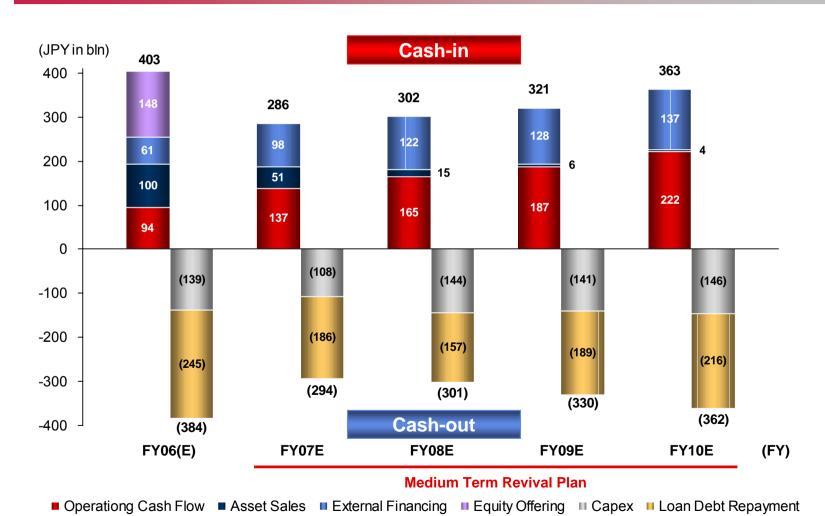


Operating revenue of air transportationOperating expenses of air transpotation

Other operating revenueOther operating expenses

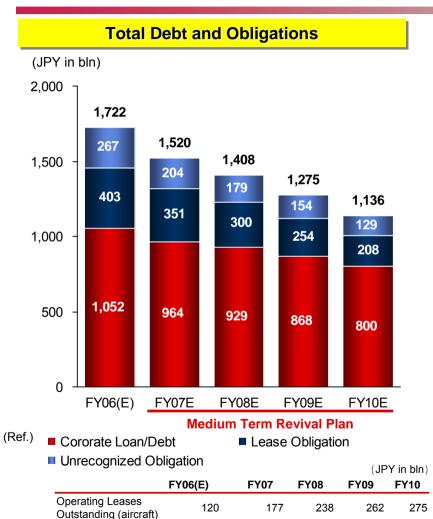
# Cash Flow in Medium Term Revival Plan (consolidated)



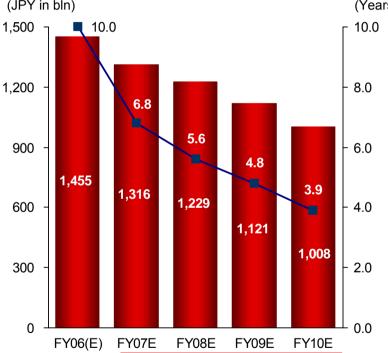


# Consolidated Financial Target of Medium Term Revival Plan Reduction of Debt including Unrecognized Obligation





#### Total Debt and Obligations/Operating Cash Flow (JPY in bln) (Years) 1.500 ¬ 10.0 10.0



#### Medium Term Revival Plan

Total Debt (excluding unrecognized obligation)

Debt and Obligation/Operating Cash Flow\* (Years for Debt repayment)

Operating Cash Flow = Operating Income + Financial Income / Expense - Tax -Dividend + Lease Amortization + D&A etc.



1. FY2007 - 2010 JAL Group Medium Term Revival Plan

2. Financial Target for Medium Term Revival Plan



3. Appendix

# Assumptions of the Plan



(YoY)

|                       |                          | FY06     | FY07     | FY08     | FY09     | FY10                  |
|-----------------------|--------------------------|----------|----------|----------|----------|-----------------------|
| Int'l<br>Passenger    | Supply (ASK)             | 90.6%    | 95.3%    | 95.6%    | 96.4%    | 104.7%                |
|                       | Demand (# of passenger)  | 93.5%    | 99.0%    | 99.7%    | 98.0%    | 104.4%                |
|                       | Yield                    | 113.0%   | 100.5%   | 101.0%   | 102.0%   | 98.7%                 |
| Damatia               | Supply (ASK)             | 100.9%   | 97.5%    | 100.4%   | 98.9%    | 101.8%                |
| Domestic<br>Passenger | Demand (# of passenger)  | 100.6%   | 98.4%    | 100.9%   | 99.5%    | 101.2%                |
|                       | Yield                    | 101.3%   | 104.8%   | 101.4%   | 101.3%   | 100.4%                |
| Int'l Cargo           | Supply (ATK)*            | 109.4%   | 94.5%    | 97.9%    | 103.1%   | 107.8%                |
|                       | Demand (Weight on board) | 100.1%   | 102.4%   | 103.8%   | 104.9%   | 107.5%                |
|                       | Yield (/weight)          | 104.6%   | 99.1%    | 99.9%    | 98.7%    | 98.4%                 |
|                       |                          |          |          |          | *A       | TK of cargo freighter |
|                       |                          | FY06     | FY07     | FY08     | FY09     | FY10                  |
| S                     | ingapore kerosene        | \$80/bbl | \$75/bbl | \$75/bbl | \$75/bbl | \$75/bbl              |
| Fuel —                | Hedge ratio (y)          | 89%      | 65%      | 10%      | -        | -                     |
| Forex                 | US\$1                    | ¥116     | ¥120     | ¥120     | ¥120     | ¥120                  |
|                       | Hedge ratio (y)          | 100%     | 70%      | 40%      | -        |                       |

# Financial Target (consolidated)



(JPY in bln)

|                         | FY06  | FY07  | FY08  | FY09  | FY10  |
|-------------------------|-------|-------|-------|-------|-------|
| Operating Revenues      | 2,268 | 2,200 | 2,230 | 2,247 | 2,298 |
| (Int'l Passenger)       | 729   | 726   | 731   | 731   | 753   |
| (domestic Passenger)    | 672   | 693   | 709   | 715   | 726   |
| (Int'l Cargo)           | 189   | 192   | 199   | 206   | 218   |
| Others                  | 678   | 589   | 591   | 595   | 601   |
| Operating Income        | 13    | 35    | 45    | 60    | 88    |
| Recurring Profit        | 0.5   | 21    | 16    | 23    | 58    |
| Net Income              | 3     | 7     | 6     | 11    | 37    |
| Operating Income Margin | 0.6%  | 1.6%  | 2.0%  | 2.7%  | 3.8%  |
| ROE                     | 1.3%  | 2.3%  | 1.9%  | 3.3%  | 10.5% |

# Capital Expenditure and Depreciation



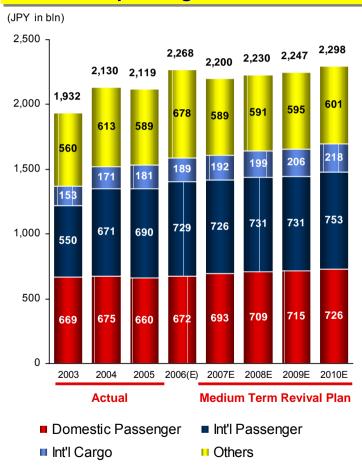
(JPY in bln)

|  | FY06 | FY07 | FY08 | FY09 | FY10 |
|--|------|------|------|------|------|
| Capital Expenditure (Purchase)           | 139  | 108  | 144  | 141  | 146  |
| (Aircrafts)                              | 77   | 72   | 114  | 110  | 116  |
| Others (Grand Facilities)                | 62   | 36   | 30   | 30   | 30   |
| Capital Expenditure (Finance Lease)      | 47   | -    | -    | -    | -    |
|  |      |      |      |      |      |
| Depreciation                             | 115  | 118  | 124  | 130  | 138  |
| Finance Lease<br>Amortization            | 47   | 51   | 51   | 47   | 46   |
|  |      |      |      |      |      |
| Operating Leases Outstanding (Aircrafts) | 120  | 177  | 238  | 262  | 275  |

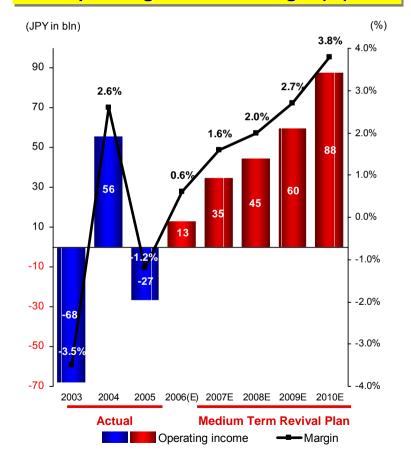
# Target of Medium Term Revival Plan (consolidated)



#### **Operating Revenues**

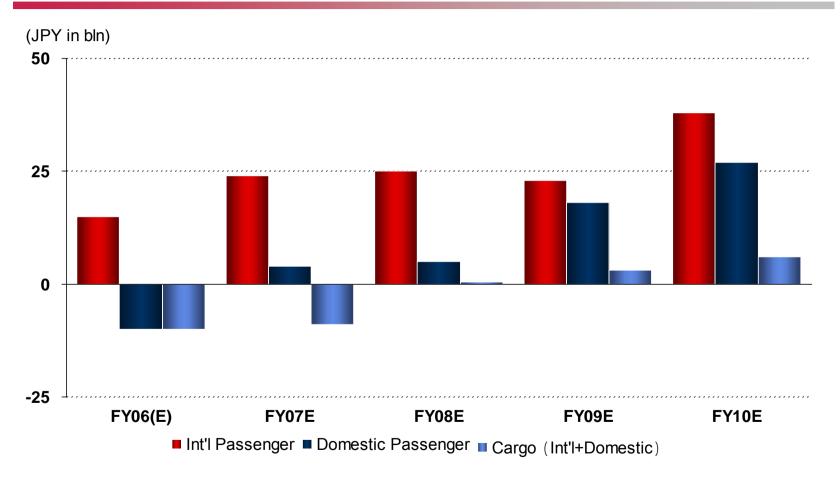


#### Operating Income & Margin (%)



# Operating Income by Segment (Image)





#### **Details of Fleet Renewal Plan**



