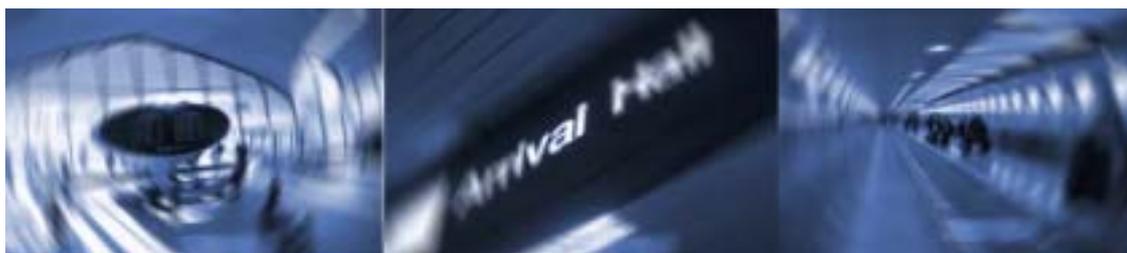


# Section 5

## Latvia



<b>5.1</b>	<b>General Introduction.....</b>	<b>4</b>
	5.1.1 Background .....	4
	5.1.2 Economic Overview .....	5
<b>5.2</b>	<b>Main issues in the Air Transport sector .....</b>	<b>6</b>
	5.2.1 AirBaltic Corporation A/S .....	6
	5.2.2 Government policies .....	6
	5.2.3 Low cost airline market penetration .....	6
	5.2.4 Airports.....	8
<b>5.3</b>	<b>Civil Aviation Structure .....</b>	<b>10</b>
	5.3.1 Aviation Safety Regulation.....	10
	5.3.2 Air Navigation Services.....	12
	5.3.3 Economic Regulation .....	13
	5.3.4 Air Transport Facilitation .....	15
	5.3.5 Air Transport Security .....	15
	5.3.6 Air Accident Investigation.....	16
<b>5.4</b>	<b>Riga Airport .....</b>	<b>17</b>
	5.4.1 Basic Airport Information.....	17
	5.4.2 Airport Ownership and Management .....	19
	5.4.3 Financial Issues .....	20
	5.4.4 Airport Traffic.....	21
	5.4.5 Runway Information .....	24
	5.4.6 Terminal and Cargo Facilities .....	27
	5.4.7 Infrastructure Development.....	33
	5.4.8 Environment.....	34
	5.4.9 Accessibility.....	35
	5.4.10 Key Issues and Other Information .....	36
	5.4.11 Riga Airport Photographs.....	37
<b>5.5</b>	<b>Ventspils Airport .....</b>	<b>41</b>
	5.5.1 Basic Airport Information.....	41
	5.5.2 Airport Ownership and Management .....	42
	5.5.3 Financial Issues .....	43
	5.5.4 Airport Traffic.....	45
	5.5.5 Runway Information .....	47
	5.5.6 Terminal and Cargo Facilities .....	49
	5.5.7 Infrastructure Development.....	52
	5.5.8 Environment.....	52
	5.5.9 Accessibility.....	53
	5.5.10 Key Issues and Other Information .....	54
	5.5.11 Ventspils Airport Photographs .....	55
<b>5.6</b>	<b>Liepaja Airport.....</b>	<b>57</b>
	5.6.1 Basic Airport Information.....	57
	5.6.2 Airport Ownership and Management .....	59
	5.6.3 Financial Issues .....	60
	5.6.4 Airport Traffic.....	62
	5.6.5 Runway Information .....	63
	5.6.6 Terminal and Cargo Facilities .....	65
	5.6.7 Infrastructure Development.....	69
	5.6.8 Environment.....	70
	5.6.9 Accessibility.....	70
	5.6.10 Key Issues and Other Information .....	71
	5.6.11 Liepaja Airport Photographs .....	72

## Abbreviations

A/C	Aircraft	ICAO	International Civil Aviation Organisation
ADF	Aircraft De-icing Fluid	IFR	Instrument Flight Rules
AFIS	Aeronautical Flight Information Services	IFRS	International Financial Reporting Standards
AIP	Air Information Pamphlet	ILS	Instrument Landing System
AMSL	Above Mean Sea Level	Intl	International
ANS	Air Navigation Services	ISPA	Instrument for Structural Policies for Pre-Accession
ANSP	Air Navigation Service Provider	LCC	Low-Cost Carrier
AOC	Air Operator Certificate	LLZ	Localizer
APP	Approach Control Service	LT	Local Time
ATC	Air Traffic Control	MIL	Military
ATM	Air Traffic Movements	MoT	Ministry of Transport
BIP	Border Inspection Control	MPPA	Million Passengers per Annum
BOT	Build, Operate and Transfer	MTOM	Maximum Take-Off Mass
CAA	Civil Aviation Authority	MTOW	Maximum Take-Off Weight
CCTV	Closed-circuit television	NCASP	National Civil Aviation Security Programme
CF	Cohesion Fund	NDB	Non Directional Beacon
CTA	Control Area	NG	New Generation
CTR	Control Zone	PaPi	Precision Approach Path Indicator
CUTE	Common Use Terminal Equipment	PAX	Passengers
DCS	Departure Control System	PCN	Pavement Classification Number
DME	Distance Measuring Equipment	PRM	Persons with Reduced Mobility
Dom	Domestic	RET	Rapid Exit Taxiways
EBRD	European Bank for Reconstruction and Development	RWY	Runway
ECAC	European Civil Aviation Conference	SITA	Internationale de Télécommunications Aéronautiques
EIA	Environmental Impact Assessment	SMR	Surface Movement Radar
EIB	European Investment Bank	SRA	Segregated Restricted Area
EPNdB	Effective Perceived Noise Decibel	TMA	Terminal Maneuvering Area
GA	General Aviation	TWR	Tower
GH	Ground Handling	TWY	Taxiway
GND	Ground	UTC	Coordinated Universal Time [Greenwich Mean Time]
GP	Glide Path	VDF	Visual Direction Finder
GPU	Ground Power Unit	VFR	Visual Flight Rules
GSE	Ground Support Equipment	VOR	VHF Omnidirectional Range
GYR	Green/Yellow/Red	WCHC	Wheelchair for Cabin
HBS	Hold Baggage Screening	WTMD	Walk Through Metal Detectors
IATA	International Air Transport Association		

## 5.1 General Introduction

### 5.1.1 Background



Latvia borders the Baltic Sea to the west and has 531 km of coastline. Its land borders include Estonia and Russia to the North, and Lithuania and Belarus to the south. The terrain of the country is low lying plain.

After a brief period of independence between the two World Wars, Latvia was annexed by the USSR in 1940. It reestablished its independence in 1991 following the breakup of the Soviet Union. Although the last Russian troops left in 1994, the status of the Russian minority (some 30% of the population) remains of concern to Moscow. Latvia joined both NATO and the EU in the spring of 2004.

<b>Republic of Latvia</b>	<b>5</b>
<b>Section 5</b>	

### 5.1.2 Economic Overview

Latvia's transitional economy recovered from the 1998 Russian financial crisis, largely due to the government's budget stringency and a gradual reorientation of exports toward EU countries, lessening Latvia's trade dependency on Russia. The majority of companies, banks, and real estate firms have been privatised, although the state still holds sizable stakes in a few large enterprises. Latvia officially joined the World Trade Organisation in February 1999. EU membership, a top foreign policy goal, came in May 2004. The current account and internal government deficits remain major concerns, but the government's efforts to increase efficiency in revenue collection may lessen the budget deficit. A growing perception that many of Latvia's banks facilitate illicit activity could damage the country's vibrant financial sector.

<b>Latvian Economic Statistics</b>	
<b>Population</b>	2,306,000* (Jan 2005)
<b>Population Growth</b>	-0.56%* (Jan 2005)
<b>Surface area of country</b>	63,589 sq km** (2005)
<b>Population density</b>	36.44** (1999)
<b>Urbanisation</b>	66%# (1999)
<b>GDP</b>	€10.967bn* (2004)
<b>GDP per head</b>	€4,742* (2004)
<b>GDP growth rate</b>	11.8%* (2004)
<b>Unemployment rate</b>	8.5%* (2004)
<b>Inflation rate</b>	6.2%* (2004)
<b>Imports</b>	€2.51 bn* (2004)
<b>Exports</b>	€1.42 bn* (2004)
<b>External Debt</b>	€3.47 bn# (2004)
<b>Internet hosts</b>	51,758** (2004)
<b>Internet users</b>	936,000** (2003)

Source : \*Latvian Office of Statistics, # Joint BIS, IMF, OECD and World Bank statistics \*\*US Central Intelligence Agency factbook

**Figure 1**

<b>Republic of Latvia</b>	<b>5</b>
<b>Section 5</b>	

## **5.2 Main issues in the Air Transport sector**

### **5.2.1 AirBaltic Corporation A/S**

AIR BALTIC CORPORATION (airBaltic) is a publicly quoted company that was established in 1995. Major shareholders include the Latvian state, with 52.6% of shares, and SAS AB, with 47.2% of shares. airBaltic operates in a strategic partnership with SAS. Almost all airBaltic flights are code shared with SAS. airBaltic also provides air cargo services and is the official representative of SAS and Lufthansa cargo services in Latvia. In 2004, airBaltic's total operating revenue reached LVL 51.6 million (EUR73.4m), net result was a loss of LVL 850 thousand (EUR1.2m). A total of 589,288 passengers were carried.

Currently airBaltic offers direct flights from two of the Baltic capital cities – Riga and Vilnius. In parallel with direct flights, airBaltic provides convenient connections through the SAS transit hubs - Copenhagen and Stockholm.

From Riga, airBaltic offers flights to Amsterdam, Barcelona, Berlin, Brussels, Dublin, Hamburg, Helsinki, Kiev, Copenhagen, Cologne, Istanbul, London, Manchester, Moscow, Milan, Minsk, Munich, Oslo, Paris, St Petersburg, Stockholm, Stuttgart, Tallinn, Vilnius and Vienna.

From Vilnius, airBaltic offers direct flights to Berlin, Dublin, Hamburg, Helsinki, Copenhagen, London, Munich, Oslo, Riga, Tallinn and Vienna.

The company employs around 500 people, the majority of whom are directly involved in flight operations, with less than one fifth working in administrative roles.

The airBaltic fleet includes seven Boeing 737-500 and seven Fokker 50 aircrafts.

### **5.2.2 Government policies**

To use Cohesion Funds to develop Riga Airport and run Ventspils and Liepāja Airports development studies (200,000 EUR).

The CAA will be transformed into Public Agency status with the name Civil Aviation Agency and have State Budget financing.

### **Land-use Planning issues**

For Riga Airport the government issues a separate act to purchase land and premises from current owners when necessary. Land use under airspace according to Annex 14 is coordinated with CAA. Starting from 2008 aircraft noise zoning will be mandatory.

Authorisation to build facilities (houses, masts etc.) is given by the local Planning Office. If the construction is taller than 100m there it also requires CAA approval.

### **5.2.3 Low cost airline market penetration**

The penetration of the Low Cost Carriers in Latvia is very recent. There are only two low cost airlines: Ryanair and easyJet. Ryanair has operated from the Riga International Airport from December 2004, and easyJet from February 2005. The two carriers between them account for 22% of scheduled capacity from all Latvian airports.

<b>Republic of Latvia</b>	<b>5</b>
<b>Section 5</b>	

The following table presents the name, ownership and aircraft type of all the Latvian registered airlines:

<b>Air Carrier</b>	<b>Aircraft Type</b>	<b>Ownership Status</b>
AIR BALTIC CORPORATION	AVRO-146-RJ70 x 3, B-737/505 x 3, F-50 x 6	Mixed: State Owned and Private
LATCHARTER AIRLINES	YAK – 42D x 1 A-320-200 x 1	Private company
KS AVIA	AN-74 x 2	Private company

Source: JP Fleets and Airport website

#### **Airline Capacity shares in Latvia (scheduled flights)**

<b>Airline</b>	<b>Code</b>	<b>Nationality</b>	<b>Share of Scheduled Capacity (March 05)</b>
Air Baltic Corporation	BT	Latvia	50%
Ryanair	FR	Ireland Republic	18%
Czech Airlines	OK	Czech Republic	7%
British Airways	BA	United Kingdom	4%
easyJet	U2	United Kingdom	4%
KLM	KL	Netherlands	4%
Lufthansa	LH	Germany	3%
Finnair	AY	Finland	2%
Aeroflot	SU	Russian Federation	2%
Uzbekistan Airways	HY	Uzbekistan	2%
LOT - Polish Airlines	LO	Poland	1%
Austrian	OS	Austria	1%
Latcharter Airlines	6Y	Latvia	1%

Source: OAG

<b>Republic of Latvia</b>	<b>5</b>
<b>Section 5</b>	

#### 5.2.4 Airports

##### Latvian Airports Summary: 3 x International Airports

	Riga	Ventspils	Liepaja
<b>IATA Code</b>	RIX	-	LPX
<b>ICAO Code</b>	EVRA	EVVA	EVLA
<b>Use</b>	GA / Commercial /Military	GA / Commercial	GA / Commercial
<b>City Population</b>	900,000	45,000	85,000
<b>Annual Passengers (2004)</b>	1,000,000	1,110	2,000
<b>Annual Freight (tonnes) (2004)</b>	8 752	N/A	12
<b>Annual ATM (2004)</b>	27,325	290	360
<b>Ave. Departures per day (2004)</b>	75	0.8	1
<b>Total Revenues (€m ) (2004)</b>	14,000,000	12,800	15,000
<b>Annual Terminal Capacity (2004)</b>	2,000,000	60 Pax/Hr	60 Pax/Hr
<b>No. of destinations (2005)</b>	33	N/A	1
<b>No. of Airlines (2005)</b>	15	N/A	1
<b>Runway 1 Length (m)</b>	2550	1298	2000
<b>Runway 2 Length (m)</b>	-	-	-
<b>Elevation (metres)</b>	10	6	5

##### General Aviation Aerodromes (with asphalt / concrete runways)

Information not supplied

<b>Republic of Latvia</b>	<b>5</b>
<b>Section 5</b>	

**Military Aerodromes (with asphalt / concrete runways)**

<b>ICAO Code</b>	No code: Lielvárde
<b>Use</b>	MILITARY/SAR
<b>Runway Length</b>	2500

**General Aviation Aerodromes (with grass runways);**

<b>ICAO Code</b>	EVPA
<b>Use</b>	Private
<b>Runway Length</b>	950×30

### 5.3 Civil Aviation Structure

#### 5.3.1 Aviation Safety Regulation

<div style="border: 1px solid black; padding: 5px; margin-bottom: 10px;"> <b>Organisation responsible for the following activities:</b> </div>	
<div style="background-color: #e0e0e0; padding: 5px; margin-bottom: 10px;"> <p style="text-align: center;">“Flight safety of civil airline operations”</p> <ul style="list-style-type: none"> <li>▪ Corresponding organisation funding mechanism?</li> <li>▪ Corresponding supervision?</li> </ul> </div>	<div style="border: 1px solid black; padding: 5px;"> <p>CAA</p> <p>Share from Air Navigation Fee + fee paid by applicants (7%). Future- State Budget</p> <p>MoT (Ministry of Transport)</p> </div>
<div style="background-color: #e0e0e0; padding: 5px; margin-bottom: 10px;"> <p style="text-align: center;">“Civil aircraft approved design, production and maintenance organisations”</p> <ul style="list-style-type: none"> <li>▪ Corresponding organisation funding mechanism?</li> <li>▪ Corresponding supervision?</li> </ul> </div>	<div style="border: 1px solid black; padding: 5px;"> <p>EASA- design, CAA - production and maintenance</p> <p>Share from Air Navigation Fee + fees paid by applicants</p> <p>MoT and EASA</p> </div>
<div style="background-color: #e0e0e0; padding: 5px; margin-bottom: 10px;"> <p style="text-align: center;">“Flight crew and engineer licensing; Control of aircraft registration”</p> <ul style="list-style-type: none"> <li>▪ Corresponding organisation funding mechanism?</li> <li>▪ Corresponding supervision?</li> </ul> </div>	<div style="border: 1px solid black; padding: 5px;"> <p>CAA</p> <p>Share from Air Navigation Fee + fees paid by applicants</p> <p>MoT and EASA</p> </div>
<div style="background-color: #e0e0e0; padding: 5px; margin-bottom: 10px;"> <p style="text-align: center;">“Airworthiness of commercial and general aviation aircraft”</p> <ul style="list-style-type: none"> <li>▪ Corresponding organisation funding mechanism?</li> <li>▪ Corresponding supervision?</li> </ul> </div>	<div style="border: 1px solid black; padding: 5px;"> <p>CAA</p> <p>Share from Air Navigation Fee + fees paid by applicants</p> <p>MoT and EASA</p> </div>

<b>Republic of Latvia</b>	<b>5</b>
<b>Section 5</b>	

<p>“Regulation of Air Navigation Services”</p> <ul style="list-style-type: none"> <li>▪ Corresponding organisation funding mechanism?</li> <li>▪ Corresponding supervision?</li> </ul>	<p>CAA</p> <p>Share from Air Navigation Fee</p> <p>MoT</p>
<p>“Licensing and Certification of Aerodromes”</p> <ul style="list-style-type: none"> <li>▪ Corresponding organisation funding mechanism?</li> <li>▪ Corresponding supervision?</li> </ul>	<p>CAA</p> <p>Share from Air Navigation Fee + fees paid by applicants</p> <p>MoT and EASA</p>
<p>“Regulation of environmental standards (emissions and noise policies)”</p> <ul style="list-style-type: none"> <li>▪ Corresponding organisation funding mechanism?</li> <li>▪ Corresponding supervision?</li> </ul>	<p>MoT – policy, CAA regarding ICAO Annex 16, EU Directives on Aircraft Noise and Environment – noise standards Riga – noise abatement procedures introduced (CAA)</p> <p>CAA - Share from Air Navigation Fee</p> <p>MoT</p>
<p>“Setting and control of airspace policy, and the regulation of airspace design and classification, including the navigation and communications infrastructure”</p> <ul style="list-style-type: none"> <li>▪ Corresponding organisation funding mechanism?</li> <li>▪ Corresponding supervision?</li> </ul>	<p>MoT – policy, CAA – regulation</p> <p>CAA - Share from Air Navigation Fee</p> <p>MoT</p>

<b>Republic of Latvia</b>	<b>5</b>
<b>Section 5</b>	

### 5.3.2 Air Navigation Services

<p><b>Organisation responsible for the following activities:</b></p>	
<p>“Provision of air navigation services for airfields”</p> <ul style="list-style-type: none"> <li>▪ Corresponding organisation funding mechanism?</li> <li>▪ Corresponding supervision?</li> </ul>	<p>State owned SC Latvijas gaisa satiksme</p> <p>Air Navigation Fee</p> <p>MoT</p>
<p>“Provision of en-route Air Navigation Services”</p> <ul style="list-style-type: none"> <li>▪ Corresponding organisation funding mechanism?</li> <li>▪ Corresponding supervision?</li> </ul>	<p>State owned SC Latvijas gaisa satiksme</p> <p>Air Navigation Fee</p> <p>MoT</p>

### 5.3.3 Economic Regulation

<div style="border: 1px solid black; padding: 5px; margin-bottom: 10px;"> <b>Organisation responsible for the following activities:</b> </div> <div style="border: 1px solid black; padding: 10px; margin-bottom: 10px;"> <p>“Regulation of airport charges, including;</p> <ul style="list-style-type: none"> <li>• Landing / Use of runway</li> <li>• Parking and Handling</li> <li>• Passenger Charge”</li> </ul> <ul style="list-style-type: none"> <li>▪ Corresponding organisation funding mechanism?</li> <li>▪ Corresponding supervision?</li> </ul> </div> <div style="border: 1px solid black; padding: 10px; margin-bottom: 10px;"> <p>“Regulation of ATM terminal charges”</p> <ul style="list-style-type: none"> <li>▪ Corresponding organisation funding mechanism?</li> <li>▪ Corresponding supervision?</li> </ul> </div> <div style="border: 1px solid black; padding: 10px; margin-bottom: 10px;"> <p>“Regulation of en-route charges”</p> <ul style="list-style-type: none"> <li>▪ Corresponding organisation funding mechanism?</li> <li>▪ Corresponding supervision?</li> </ul> </div> <div style="border: 1px solid black; padding: 10px;"> <p>“The issue of tour operator licences”</p> <ul style="list-style-type: none"> <li>▪ Corresponding organisation funding mechanism?</li> <li>▪ Corresponding supervision?</li> </ul> </div>	<div style="border: 1px solid black; padding: 10px; margin-bottom: 10px;"> <p>MoT</p> <p>State Budget</p> <p>N/A</p> </div> <div style="border: 1px solid black; padding: 10px; margin-bottom: 10px;"> <p>MoT</p> <p>State Budget</p> <p>N/A</p> </div> <div style="border: 1px solid black; padding: 10px; margin-bottom: 10px;"> <p>MoT</p> <p>State Budget</p> <p>N/A</p> </div> <div style="border: 1px solid black; padding: 10px;"> <p>No requirements</p> <p>N/A</p> <p>N/A</p> </div>
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<b>Republic of Latvia</b>	<b>5</b>
<b>Section 5</b>	

<p>“The issue of travel agency licences”</p>	<p>No requirements</p>
<ul style="list-style-type: none"> <li>▪ Corresponding organisation funding mechanism?</li> <li>▪ Corresponding supervision?</li> </ul>	<p>N/A</p> <p>N/A</p>
<p>“The issue of air operator licences and air operator certificate”</p>	<p>MoT – Air Operator Licence according to EU reg. 1706, CAA – AOC, according to a parliament Act on Aviation</p>
<ul style="list-style-type: none"> <li>▪ Corresponding organisation funding mechanism?</li> <li>▪ Corresponding supervision?</li> </ul>	<p>CAA, Share from Air Navigation Fee + fees paid by applicants</p> <p>MoT</p>
<p>“The issue of ground-handling licences or approvals”</p>	<p>No requirements</p>
<ul style="list-style-type: none"> <li>▪ Corresponding organisation funding mechanism?</li> <li>▪ Corresponding supervision?</li> </ul>	<p>N/A</p> <p>N/A</p>

### 5.3.4 Air Transport Facilitation

<p><b>Organisation responsible for the following activity:</b></p> <p>“Policy and regulation of ICAO facilitation requirements under Annex 9 of the Chicago Convention, with respect to;</p> <ul style="list-style-type: none"> <li>• Entry and departure of aircraft,</li> <li>• Entry and departure of persons, baggage and cargo; and</li> <li>• Facilities and services for traffic at international airports”</li> </ul> <ul style="list-style-type: none"> <li>▪ Corresponding organisation funding mechanism?</li> <li>▪ Corresponding supervision?</li> </ul>	<p>Entry and departure of aircraft: -Customs Department (Ministry of Finance)</p> <p>Entry and departures of persons, baggage and cargo: -State Border Guard Service (Ministry of Interior)</p> <p>Facilities and services for traffic at international airports: -Civil Aviation Administration</p> <p>Air Navigation Fee and State</p> <p>N/A</p>
---	---

### 5.3.5 Air Transport Security

<p><b>Organisation responsible for the following activity:</b></p> <p>“Regulation of aviation security with respect to;</p> <ul style="list-style-type: none"> <li>• Airports</li> <li>• Airlines</li> <li>• Airspace”</li> </ul> <ul style="list-style-type: none"> <li>▪ Corresponding organisation funding mechanism?</li> <li>▪ Corresponding supervision?</li> </ul>	<p>CAA. Law on Aviation: the Government adopts the National Civil Aviation Security Programme (NCASP). The CAA implements the NCASP and exercises state supervision of airports, air carriers and air navigation service provider security. NCASP: airports, air carriers and air navigation service providers develop their own security programmes and submit them to the CAA for approval. State Budget</p> <p>N/A</p>
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<b>Republic of Latvia</b>	<b>5</b>
<b>Section 5</b>	

### 5.3.6 Air Accident Investigation

<div style="border: 1px solid black; padding: 5px; margin-bottom: 10px;"> <p><b>Organisation responsible for the following activity:</b></p> </div> <div style="border: 1px solid black; padding: 5px; margin-bottom: 10px;"> <p>“Air Accident Investigation”</p> </div> <ul style="list-style-type: none"> <li>▪ Corresponding organisation funding mechanism?</li> <li>▪ Corresponding supervision?</li> </ul>	<div style="border: 1px solid black; padding: 5px;"> <p>Investigation is carried out by the independent Aircraft Incident and Accident Investigation Bureau.</p> <p>State Budget</p> <p>MoT</p> </div>
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<b>Republic of Latvia</b>	<b>5</b>
<b>Section 5 - Riga</b>	

## 5.4 Riga Airport

### 5.4.1 Basic Airport Information

<b>Airport Name</b>	<input airport"="" international="" riga="" style="width: 95%;" type="text" value="SJSC "/>		
<b>Airport Address</b>	<input style="width: 95%;" type="text" value="Riga Airport 10/1, Marupe,&lt;br/&gt;Riga Region,.&lt;br/&gt;LV 1053,&lt;br/&gt;Latvia"/>		
<b>Website Address</b>	<input style="width: 95%;" type="text" value="www.riga-airport.com"/>		
<b>IATA Code</b>	<input style="width: 45%;" type="text" value="RIX"/>	<b>ICAO Code</b>	<input style="width: 45%;" type="text" value="EVRA"/>
<b>Managing Director / Chief Executive</b>	<input style="width: 95%;" type="text" value="Mr. Dzintars Pomers"/>		

<b>IATA Slot Coordination Level</b>	<input style="width: 60%;" type="text" value="Level 1 (so far)"/>
-------------------------------------	---

(Level 1: Non-coordinated airport or Level 2: Schedules facilitated airport or Level 3: Fully coordinated airport)

<b>Air Traffic Control &amp; Navigation</b>	
<b>ATC Coverage (local or area control, who provides service)</b>	<input style="width: 95%;" type="text" value="Service Provider State owned SC Latvijas gaisa satiksme"/>
<b>NDB</b>	<input style="width: 95%;" type="text" value="No"/>
<b>DME</b>	<input style="width: 95%;" type="text" value="Yes"/>
<b>VOR</b>	<input style="width: 95%;" type="text" value="Yes"/>
<b>Other</b>	<input style="width: 95%;" type="text" value="IL NM 7000"/>

<b>Republic of Latvia</b>	<b>5</b>
<b>Section 5 - Riga</b>	

<b>Fire Fighting</b>	
<b>Fire Fighting Category</b>	Declared CAT 7 (B757 size)
<b>Maximum Aircraft Size</b>	

<b>Key airport contacts</b>
<p>Mr.DZINTARS POMERS, Chairman of the Board, (371) 7207135, office@riga-airport.com</p> <p>Mr.ANDIS DAMLICS, Board Member, (371) 7207267, A.Damlics@riga-airport.com</p> <p>Mr.ARNIS KALNISKANS, Board Member, Facilitation and Development Department Director, (371) 7207542, A.Kalniskans@riga-airport.com</p> <p>Mr JURIS BEKERIS, Board Member, Financial Department Director, (371) 7207051, J.Bekeris@riga-airport.com</p> <p>Mrs.LIENE FREIVALDE, Marketing Department Director, (371) 7668238, L.Freivalde@riga-airport.com</p> <p>Mr.AINARS FOGELS, Ground Handling Department Director, (371) 7207989, A.Fogels@riga-airport.com</p> <p>Mr.JAZEPS CEICS, Aviation Security Department Director, (371) 7207371, J.Ceics@riga-airport.com</p> <p>Mrs. INETA ZALANE, Board Member, Legal Department Director, (371) 7207252, I.Zalane@riga-airport.com</p>

<b>Republic of Latvia</b>	<b>5</b>
<b>Section 5 - Riga</b>	

#### 5.4.2 Airport Ownership and Management

<b>Current ownership structure of the airport</b>
Riga International Airport is a State Enterprise; The owner - Ministry of Transport.
<b>Current management structure at the airport</b>
The President is responsible for airport management, and is subject to the Minister of Transport.
<b>Number of employees working for the airport operator</b>
2004 – 580 employees.
<b>Ground handling service provision at the airport</b>
There is one company providing ground handling services at the airport. The company belongs to the airport: fax: (371) 7211767). The Company provides all ground handling functions, with the exception of refuelling and de-icing.

<b>Brief history of the airport, highlighting major events</b>
<p>1974 - Airport opening, it is state owned.</p> <p>1991 Riga International Airport becomes an independent strategic state enterprise; established by the Ministry of Transport.</p> <p>1994 – completion of runway reconstruction</p> <p>1999 - North side passenger terminal reconstruction</p> <p>2001- New pier opened</p>

<b>Republic of Latvia</b>	<b>5</b>
<b>Section 5 - Riga</b>	

### 5.4.3 Financial Issues

<b>Financial performance</b>	
Year Ending December 2004	
Turnover:	
Aeronautical	EUR 11.23 million
Non aeronautical	EUR 3.37 million
Total	EUR 14.60 million
Operating Profit before tax:	EUR 0.78 million
Net Profit:	EUR 0.26 million

<b>User charges</b>
<b><u>Current published fees and charges structure:</u></b>
<i><b>Landing Fee:</b></i>
8.12 EUR per 1 MTOW
<i><b>Parking charge</b></i>
1.06 EUR per 1 MTOW per 24 hours if parking lasts longer than 3 hours. If less than 3 hours, parking is free of charge.
<i><b>Passenger Service Fee</b></i>
1.06 EUR per departing passenger.
Charges are regulated by “Regulations on air navigation services within Riga flight information region and SJSC “Riga International Airport services” No.5, 24/12/2004 issued by Aviation Department of Ministry of Transport.

## 5.4.4 Airport Traffic

## Airport traffic history

## Passenger flows, air transport movements and freight for 1995-2004

Year	Pax	Air Transport Movements	Freight (tonnes)
1995	504,094	15,695	3,918
1996	505,754	16,298	3,912
1997	535,235	16,964	4,281
1998	554,854	19,483	4,907
1999	562,383	19,387	4,408
2000	574,356	18,070	4,658
2001	622,647	18,910	5,209
2002	633,322	18,676	6,580
2003	711,753	19,504	13,534
2004	1,060,426	27,325	8,752

Source: Airport

## Traffic Breakdown for 2004, 2003, 2002 :

	2004	2003	2002
Passengers total	1,060,426	711,753	633,322
Total passengers transferring at airport	14,054	8,176	7,395
international	1,059,925	711,263	632,912
domestic	501	490	410
scheduled	963,084	634,547	567,090
non-scheduled	97,342	77,206	66,232
to Schengen countries	903,434	623,478	555,898
to non-Schengen	156,992	88,275	77,424
ATM total	27,325	19,504	18,676
commercial	25,856	18,000	16,095
other	1,469	1,504	2,581
Cargo total	8,752 t	13,534 t	6,580 t
mail	1,452	1,216	1,196
airfreight	7,300	12,318	5,384

Source: Airport

## Future Traffic Forecast

Year	Pax	Transport Movements	Freight (tonnes)
2005	1,500,000	30,000	12,000
2006	1,950,000	33,000	13,000
2007	2,340,000	33,000	13,000
2008	2,740,000	37,000	14,000
2009	3,150,000	39,000	15,000
2010	3,560,000	45,000	15,000
2011	3,950,000	49,000	16,000
2012	4,310,000	54,000	18,000
2013	4,680,000	59,000	18,000
2014	5,010,000	59,000	19,000

Source: Airport

**Passenger traffic report 2004 by scheduled routes:**

<b>Destination Airport</b>	<b>Code</b>	<b>2004</b>
Copenhagen	CPH	123,718
London	LHR,STN	120,695
Helsinki	HEL	87,573
Prague	PRG	73,467
Amsterdam	AMS	71,686
Stockholm	ARN,NYO	58,965
Frankfurt	FRA	46,170
Moscow	SVO	44,740
Berlin	SXF,TXL	35,010
Vienna	VIE	32,238
Hamburg	HAM	28,359
Munich	MUC	28,080
Dublin	DUB	24,165
Warsaw	WAW	21,769
Tallinn	TLL	21,325
Oslo	OSL	20,976
Kiev	KBP	17,054
Brussels	BRU	16,664
Milan	MPX	16,211
Vilnius	VNO	16,121
Hahn	HHN	15,113
Tampere	TMP	11,923
Cologne	CGN	8,261
Minsk	MSQ	6,926
Manchester	MAN	5,146
Tel Aviv	TLV	4,869
Stuttgart	STR	1,913
New Cork	JFK	1,709
Taschkent	TAS	1,691
St. Petersburg	LED	342

Source: Airport

**Current Flight Programme**

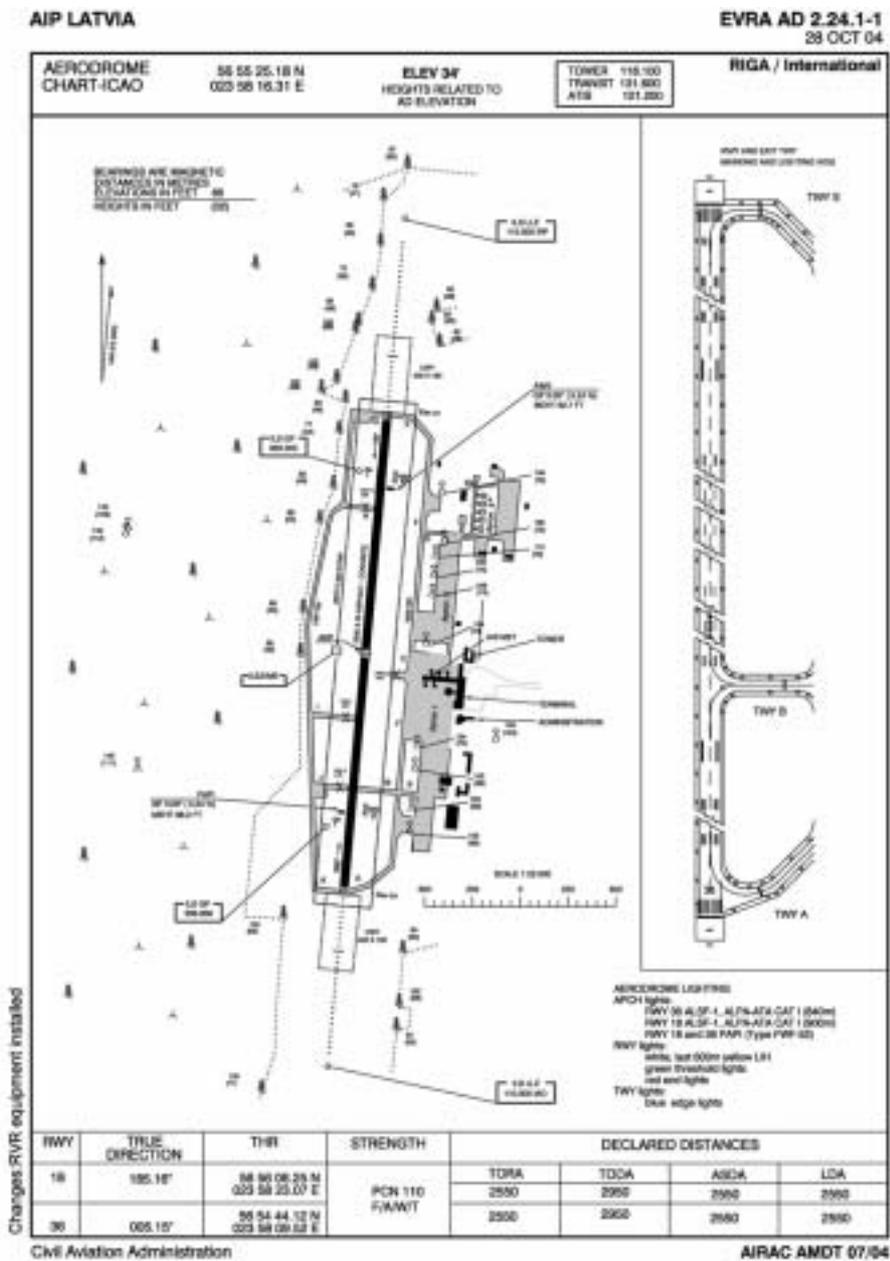
Airline	Dest. Airport	Dest. Code	Flts. per week
Air Baltic Corporation	Amsterdam	AMS	4
KLM	Amsterdam	AMS	13
Air Baltic Corporation	Stockholm Arlanda Apt	ARN	12
Air Baltic Corporation	Brussels	BRU	6
Air Baltic Corporation	Cologne	CGN	4
Air Baltic Corporation	Copenhagen Apt	CPH	21
Air Baltic Corporation	Dublin	DUB	4
Czech Airlines	Rome Fiumicino Apt	FCO	6
Lufthansa	Frankfurt	FRA	12
Air Baltic Corporation	Gerona	GRO	3
Air Baltic Corporation	Hamburg	HAM	7
Air Baltic Corporation	Helsinki	HEL	14
Finnair	Helsinki	HEL	10
Ryanair	Frankfurt Hahn Airport	HHN	7
Air Baltic Corporation	Istanbul	IST	3
Uzbekistan Airways	New York	JFK	1
Air Baltic Corporation	Kiev Borispol Apt	KBP	5
Air Baltic Corporation	St Petersburg	LED	4
Air Baltic Corporation	London Heathrow Apt.	LHR	6
British Airways	London Heathrow Apt.	LHR	7
Air Baltic Corporation	Manchester	MAN	3
Air Baltic Corporation	Minsk	MSQ	4
Air Baltic Corporation	Milan Malpensa Apt	MPX	4
Ryanair	Stockholm	NYO	7
Air Baltic Corporation	Oslo Airport	OSL	6
Czech Airlines	Prague	PRG	12
Ryanair	London Stansted Apt	STN	7
Air Baltic Corporation	Stuttgart	STR	4
Aeroflot	Moscow	SVO	5
Air Baltic Corporation	Moscow	SVO	5
easyJet	Berlin Schonefeld Apt	SXF	7
Uzbekistan Airways	Tashkent	TAS	2
Latcharter Airlines	Tenerife	TFS	1
Air Baltic Corporation	Tallinn	TLL	14
Ryanair	Tampere	TMP	7
Air Baltic Corporation	Berlin Tegel Apt	TXL	6
Air Baltic Corporation	Vienna	VIE	4
Austrian	Vienna	VIE	7
Air Baltic Corporation	Vilnius	VNO	9
LOT - Polish Airlines	Warsaw	WAW	8

Source: OAG

Charter: Latcharter (A320, 10 flights per week), VIP Avia (H25, 2 flights per week) (during summer).

5.4.5 Runway Information

Overview of Airport Layout



- Runways - 1
- Taxiways - 4
- Passenger Terminal – 1 (consisting of Arrivals and Departures)
- Cargo Terminal – 1
- Ground Transportation (railway station, bus station)
- Car Parks – 5

<b>Republic of Latvia</b>	<b>5</b>
<b>Section 5 - Riga</b>	

Riga International Airport - Runway



Aerial view of the Riga runway with the terminal facility to the right of picture.

<b>Republic of Latvia</b>	<b>5</b>
<b>Section 5 - Riga</b>	

### **Current Runway Capacity**

	<b>Runway 1</b>	
<b>Designation</b>	<input type="text" value="18/36"/>	<input type="text"/>
<b>Length (m)</b>	<input type="text" value="2550m"/>	<input type="text"/>
<b>ILS CAT</b>	<input type="text" value="CAT 1"/>	<input type="text"/>
<b>Number of Peak Hour Departures</b>	<input type="text" value="12"/>	<input type="text"/>
<b>Number of Peak Hour Arrivals</b>	<input type="text" value="11"/>	<input type="text"/>
<b>Hourly Capacity Under IFR Flight Rules</b>	<input type="text" value="25"/>	<input type="text"/>
<b>Average Movement Delay Rate (mins)</b>	<input type="text" value="none"/>	<input type="text"/>
<b>Annual Movement Capacity</b>	<input type="text" value="80,000 movements"/>	<input type="text"/>
<b>Runway Operating Hours</b>	<input type="text" value="24 hours"/>	<input type="text"/>

#### **Methodology for calculation of runway capacity**

Capacity calculations are carried out by external consultants.

#### **Factors limiting Runway capacity**

Runway is 2500m long and 50 m wide, PCN-83.  
Factors such as too few taxiways, and only 34 aircraft parking stands determine runway capacity.

Republic of Latvia	<b>5</b>
Section 5 - Riga	

#### 5.4.6 Terminal and Cargo Facilities

##### Terminal Capacity

	<b>Terminal</b>		
<b>Name of Terminal</b>	It has no special name (Passenger Terminal)		
<b>Departing Passengers per hour</b>	600		
<b>Arriving Passengers per hour</b>	700		
<b>Transfer Passengers per hour</b>	There is no transfer traffic		
<b>Annual Capacity</b>	2,000,000		

##### Methodology for calculation of terminal capacity

Capacity calculations are carried out by external consultants.

##### Excess capacity

Currently the airport is operating at 50% of total passenger capacity.

##### Main bottlenecks for terminal capacity

The main bottlenecks of terminal capacity are:

- Number of check-in desks
- Number of passenger gates

<b>Republic of Latvia</b>	<b>5</b>
<b>Section 5 - Riga</b>	

**Terminal Facilities (Passenger)**

Name of Terminal	Terminal		
	No special name		
<b>Terminal Total Floor Area</b>	22,500 m <sup>2</sup>		
<b>Number of Check in desks</b>	23		
<b>Number of Self Service Check in machines</b>	0		
<b>Number of Passenger Security Screening Positions</b>	2		
<b>Number of Departure Baggage Belts</b>	2		
<b>Number of Departure Gates</b>	7		
<b>Number of Loading Bridges</b>	0		
<b>Number of Inbound Passport / Immigration Positions</b>	4		
<b>Number of Baggage Claim Units</b>	2		
<b>Number of Commercially Important Passenger Lounges</b>	2		

**Further detail on terminal passenger facilities**

- VIP Lounge,
- Business Lounge,
- Currency Exchange,
- Car Rentals,
- Duty Free Shop,
- Cafes,
- Magazine Kiosk,
- Flower Kiosk,
- ticket office,
- bank office,
- lost baggage point,
- post office,
- taxi service,
- tourist agencies offices.

Passenger Terminal pictures



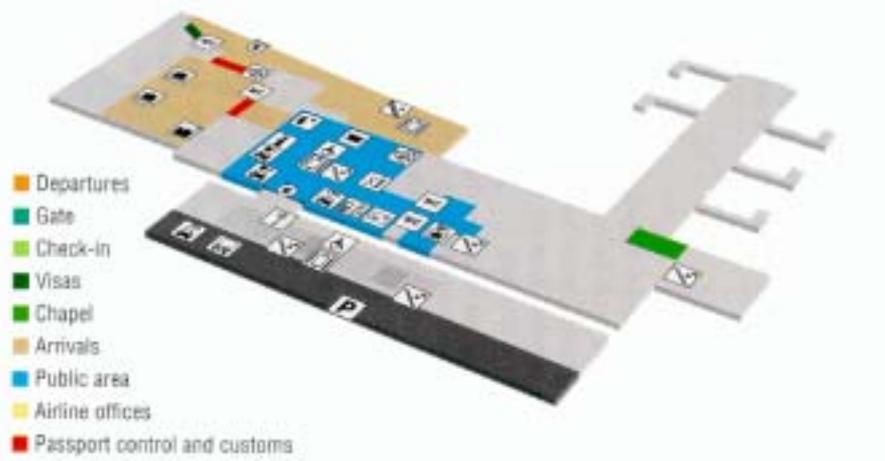
View of the airport from airside.



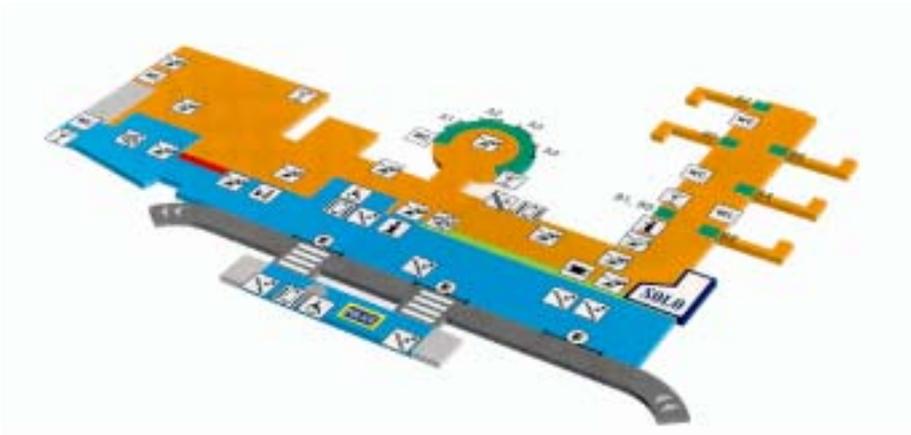
View of the airport from landside (taken from airport website)

**Passenger terminal**

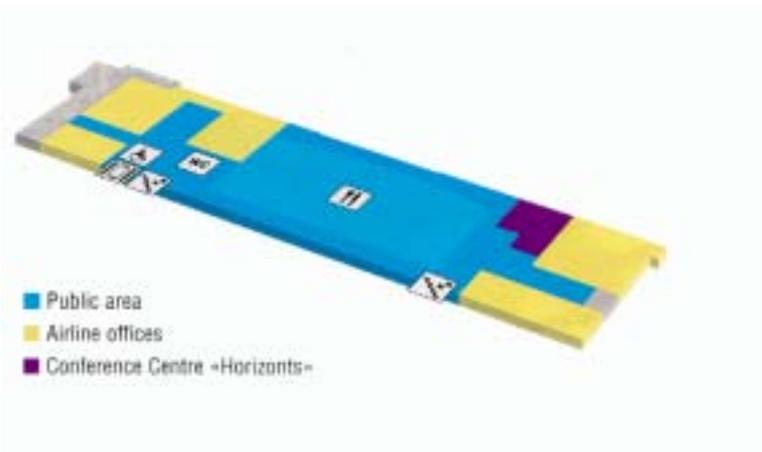
1st floor



2nd floor



3rd floor



<b>Republic of Latvia</b>	<b>5</b>
<b>Section 5 - Riga</b>	

<b>Number of parking stands</b>
<p>61 parking stands.          Access to terminal- by air bridges and by coach.          No special area on the apron for General Aviation.</p>
<b>Retail Facilities</b>
<p>Duty free shop x 3          Cafés x 3          Currency exchange x 2          Car hire kiosks x 5          Newspaper and flower kiosk x 1          Souvenir shop x 4</p>

<b>Republic of Latvia</b>	<b>5</b>
<b>Section 5 - Riga</b>	

### **Cargo Capacity**

	<b>Facility</b>	<b>2<sup>nd</sup> Facility</b>	<b>3<sup>rd</sup> Facility</b>
<b>Name of Cargo Facility</b>	Commercial Warehouse	Baltic Cargo Centre	DHL
<b>Description</b>	Warehouse – 700 m <sup>2</sup> .	Warehouse – 850 m <sup>2</sup> .	Warehouse – 400 m <sup>2</sup> .
<b>Annual Cargo Capacity (metric tonnes)</b>	n.a.	n.a.	n.a.
<b>Total annual inbound cargo (metric tonnes)</b>	n.a.	n.a.	n.a.
<b>Total annual outbound cargo (metric tonnes)</b>	n.a.	n.a.	n.a.
<b>Share carried on cargo aircraft (%)</b>	n.a.	n.a.	n.a.
<b>Total domestic cargo (metric tonnes)</b>	none	none	n.a.
<b>Total international cargo (metric tonnes)</b>	n.a.	n.a.	n.a.
<b>Further detail on cargo facilities</b>			
No specific details on cargo facilities are available. All cargo facilities are privately owned.			

### **Other Facilities**

<b>Aircraft Maintenance / Engineering Facilities</b>
5 hangars owned by Air Baltic, Raf Avia, VIP aviation, Concors.
<b>Refuelling facilities</b>
AvGas, Jet-A1. System capacity limitations – 3,200 tonnes.
<b>Winter Operating facilities</b>
Winter operations – 8 snow ploughs and other specific equipment. For de-icing chemical reagents like SAFEWAY and UREA are used.

<b>Republic of Latvia</b>	<b>5</b>
<b>Section 5 - Riga</b>	

#### 5.4.7 Infrastructure Development

<b>Major works in the last 5 years</b>			
<b>Title</b>	<b>Purpose</b>	<b>Cost</b>	<b>Date completed</b>
Passenger terminal reconstruction –arrival area	Capacity and quality improvement	€6m	1999
Passenger terminal extension - new pier	Capacity and quality improvement	€21m	2001
<b>Future Approved works</b>			
<b>Title</b>	<b>Purpose</b>	<b>Cost</b>	<b>Date due to be completed</b>
Passenger terminal extension- north side	Aviation security and separation of passenger flow of EU and non-EU countries	€9m	2005
<p>Projects still missing funding: (and necessary approvals)</p> <p>Runway extension and re-construction of the lighting system – Preliminary cost – €23m, date due to be completed – 2006.</p>			

<b>Long term development plan (master plan) for the airport</b>
<p>Development of the Airport surrounding area (business park, hotel, car parking). Companies wanting to buy land in the airport area can do so after approval from the airport.</p> <p>No plan available.</p>

<b>Republic of Latvia</b>	<b>5</b>
<b>Section 5 - Riga</b>	

**5.4.8 Environment**

<b><u>Environmental Policy</u></b>
<p>Once per year emissions from recognised sources of pollutants are measured. Limits are set for some pollutants, i.e. MnO<sub>2</sub>, NO<sub>x</sub>, CO, and SiO<sub>2</sub>. If the limits are exceeded, penalties are applied.</p> <p>These limits have been determined according to consumed quantities of fuel, paint etc.</p>

<b>Republic of Latvia</b>	<b>5</b>
<b>Section 5 - Riga</b>	

#### 5.4.9 Accessibility

<b>Road Access (private vehicle)</b>
<p>Distance from the airport to the city centre – 7 km driving by a 2-lane road.</p> <ul style="list-style-type: none"> <li>• 14 km from City center</li> <li>• Distance to A highway-3 km;</li> <li>• Distance to B motorway- 8 km;</li> </ul> <p>Distance to C motorway- 15 km</p>
<b>Car Parking</b>
<p>2 long term public car parks with 600 spaces, 1 short term public car park with 280 spaces. 2 car parks for airport staff with 510 spaces.</p> <p>Long Term Parking Rates:</p> <ul style="list-style-type: none"> <li>• up to 10 days – €4.5 for every 24 hours,</li> <li>• up to 20 days – €3.75 for every 24 hours,</li> <li>• more than 20 days – €3.5 for every 24 hours.</li> </ul> <p>Short-Term Parking Rates:</p> <ul style="list-style-type: none"> <li>• 0 – 3 h – €0.6 for every 1/2 h,</li> <li>• 4 – 9 h – €0.45 for every 1/2 h,</li> <li>• 10 – 24 h – €0.3 for every 1/2 h,</li> <li>• more than 24 h – €0.3 for every 1/2 h,</li> <li>• first 24 hours – €18,</li> <li>• each additional 24-hour period – €14.4.</li> </ul>

<b>Republic of Latvia</b>	<b>5</b>
<b>Section 5 - Riga</b>	

<b>Public Transport Access - Rail</b>
<p>There is no direct railway for passengers to the airport. There are no plans to connect the airport with the city center by rail. Distance to City railway station – 14 km.</p>
<b>Public Transport Access – Bus and Coach</b>
<p>Local bus service. Hotel shuttle bus.</p>
<b>Public Transport Access - Taxi</b>
<p>All city taxi companies can operate at the airport; one company is based at the airport (“Riga Taxi”).</p>
<b>Access for Persons of Reduced Mobility</b>
<p>There are special ramps for persons of reduced mobility in the main arriving and departing points of the Airport. 1 WC for persons of reduced mobility. 1 Wheelchair, owned by a GH company.</p> <p>The Airport does not possess a special lift for the boarding of persons with reduced mobility onto aircraft. This is done manually.</p> <p>After check-in, aviation security, border control and customs procedures, persons with reduced mobility are taken to the aircraft with the help of GH company personnel.</p>

#### 5.4.10 Key Issues and Other Information

<b>Key issues for the airport over the next 5 years</b>
<p>Runway length is too short for transatlantic flights. Runway lighting system is low intensity and does not meet requirements.</p>

Republic of Latvia	<b>5</b>
Section 5 - Riga	

**5.4.11 Riga Airport Photographs**

(Please note: No access was given by the airport to take pictures)



Entrance to departures hall



A section of the check in area (desks 15 to 23)

Republic of Latvia	5
Section 5 - Riga	



Passport control



Arrivals piers viewed from arriving aircraft

Republic of Latvia	5
Section 5 - Riga	



Arrivals passport control



Example of airport signage



Arrivals Hall (ground level)



Taxi and bus pickup points (car parking in the background)

Republic of Latvia	<b>5</b>
Section 5 - Ventspils	

## 5.5 Ventspils Airport

### 5.5.1 Basic Airport Information

<b>Airport Name</b>	<input style="width: 95%;" type="text" value="Ventspils International Airport"/>		
<b>Airport Address</b>	<input style="width: 95%;" type="text" value="Ganību Street 103, Ventspils, LV-3601, Latvia"/>		
<b>Website Address</b>	<input style="width: 95%;" type="text" value="www.airport.ventspils.lv"/>		
<b>IATA Code</b>	<input style="width: 40%;" type="text"/>	<b>ICAO Code</b>	<input style="width: 40%;" type="text" value="EVVA"/>
<b>Managing Director / Chief Executive</b>	<input style="width: 95%;" type="text" value="Mr. Artūrs Kokars"/>		

<b>IATA Slot Coordination Level</b>	<input style="width: 55%;" type="text" value="none"/>
(Level 1: Non-coordinated airport or Level 2: Schedules facilitated airport or Level 3: Fully coordinated airport)	

<b>Air Traffic Control &amp; Navigation</b>	
<b>ATC Coverage (local or area control, who provides service)</b>	<input style="width: 95%;" type="text" value="State Joint Stock Company of Air Space Utilisation and Air Traffic Organisation Latvijas Gaisa Satiksme"/>
<b>NDB</b>	<input style="width: 95%;" type="text"/>
<b>DME</b>	<input style="width: 95%;" type="text" value="Yes"/>
<b>VOR</b>	<input style="width: 95%;" type="text" value="Yes"/>
<b>Other</b>	<input style="width: 95%;" type="text"/>

<b>Republic of Latvia</b>	<b>5</b>
<b>Section 5 - Ventspils</b>	

<b>Fire Fighting</b>	
<b>Fire Fighting Category</b>	CAT 2 (Piper Aztec size)
<b>Maximum Aircraft Size</b>	MTOW 30 tonnes (Fokker 28)

<b>Key airport contacts</b>
Mr. Andris Kausenieks, Director General, +371 3624269, andris.kausenieks@ventspils.gov.lv Mr. Artūrs Kokars, Managing Director, +371 36 24262, arturs.kokars@ventspils.gov.lv

### 5.5.2 Airport Ownership and Management

<b>Current ownership structure of the airport</b>
Ventspils Airport is a department of the local government authority. The owner is Ventspils City Council.

<b>Current management structure at the airport</b>
The Director General is responsible for airport management, and reports to Ventspils City Council.

<b>Number of employees working for the airport operator</b>
4 employees in 2004.

<b>Ground handling service provision at the airport</b>
The Airport itself provides passenger handling, baggage handling and ground power services. There is one company providing refuelling at the airport: Baltimar DUS, Ltd (e-mail: raitis_bmvt@fix.lv, phone/fax: +371 36 64080).

<b>Republic of Latvia</b>	<b>5</b>
<b>Section 5 - Ventspils</b>	

<b>Brief history of the airport, highlighting major events</b>
<p>Military airport first opened in 1975, state owned.            One asphalt-concrete runway (1300m x 35m) and apron (100m x 100m) was built.            Aerodrome was used by AN-24, AN-2, YAK-40, MI-2.</p> <p>There were only two scheduled flights Ventspils - Riga and Ventspils - St. Petersburg.</p> <p>The Airport operation was closed in 1983 for political reasons.</p> <p>Work on the project "The rehabilitation of the Airport Ventspils" was started in 1997.            Implementation of this project was started in 1999.</p> <p>At the end of 2000 the aerodrome received certification from the Administration of Civil Aviation that certified the aerodrome for international irregular flights on visual flight rules (VFR).</p> <p>From December 2000 Ventspils Airport started commercial operations as a department of Ventspils City Council.</p> <p>A new terminal and traffic control tower were completed in 2004, available space 302m<sup>2</sup></p> <p>Refuelling station started operation in 2004.</p>

### 5.5.3 Financial Issues

<b>Financial performance</b>
<p>Turnover for 2004: aeronautical – 2,926 EUR, non-aeronautical – 5,148 EUR            No profit, the Airport receives an earmarked subsidy from local government.</p>

<b>Republic of Latvia</b>	<b>5</b>
<b>Section 5 - Ventspils</b>	

<b>User charges</b>
<p><b>Current charges and fees are:</b></p> <ol style="list-style-type: none"> <li>1. Aircraft landing fee (Basic rate), €6 For every 1000 kg of MTOW. <ol style="list-style-type: none"> <li>1.1. Aircraft landing fee for general aviation flights, €3 For every 1000 kg of MTOW.</li> <li>1.2. Aircraft landing fee for training and sport flights €6 For every 1000 kg of MTOW - 70% discount.</li> </ol> </li>   <li>2. Passengers security fee €6 For every departing passenger. For aircraft with a MTOW 2000 kg or less, the fee for every departing passenger is not applied.</li>   <li>3. Parking Fee €4.5 For every 24h for aircraft with a MTOW less than 5700 kg. First 6 hours are free of charge. <ol style="list-style-type: none"> <li>3.1. Parking Fee €9 For every 24h for aircraft with a MTOW starting from 5700 kg to 15000 kg but not 15000 kg. First 6 hours is free of charge.</li> <li>3.2. Parking Fee €13.5 For every 24h for aircraft with a MTOW starting from 15000 kg to 30000 kg. First 6 hours is free of charge.</li> <li>3.3. Airport security fee €12 From 17:00 (LT) till 9:00 (LT), for aircraft standing time.</li> </ol> </li> </ol> <p>User charges are regulated are regulated by 12.09.2003 Decision No.399 issued by the local government and approved by Aviation Department of Ministry of Transport.</p>

<b>Republic of Latvia</b>	<b>5</b>
<b>Section 5 - Ventspils</b>	

#### 5.5.4 Airport Traffic

<b>Airport traffic history</b>
<p>Traffic report 2004:</p> <p>Passengers total - 1100: international – 438, domestic – 662, non-scheduled – 1100. Pax growth (03-04) – -1.34%.</p> <p>Aircraft movements total – 290: commercial – 16, other – 274; ACM growth (03-04) – -5.23%.</p> <p>No Cargo movements.</p> <p>Passenger flows and air transport movements for 1991-2004 respectively:</p> <p>2000 – 38 and 4  2001 – 213 and 352  2002 – 863 and 386  2003 – 1115 and 306  2004 – 1100 and 290</p> <p>Source: Airport</p>

<b>Current Flight Programme</b>
<p>No scheduled or charter programmes.</p>

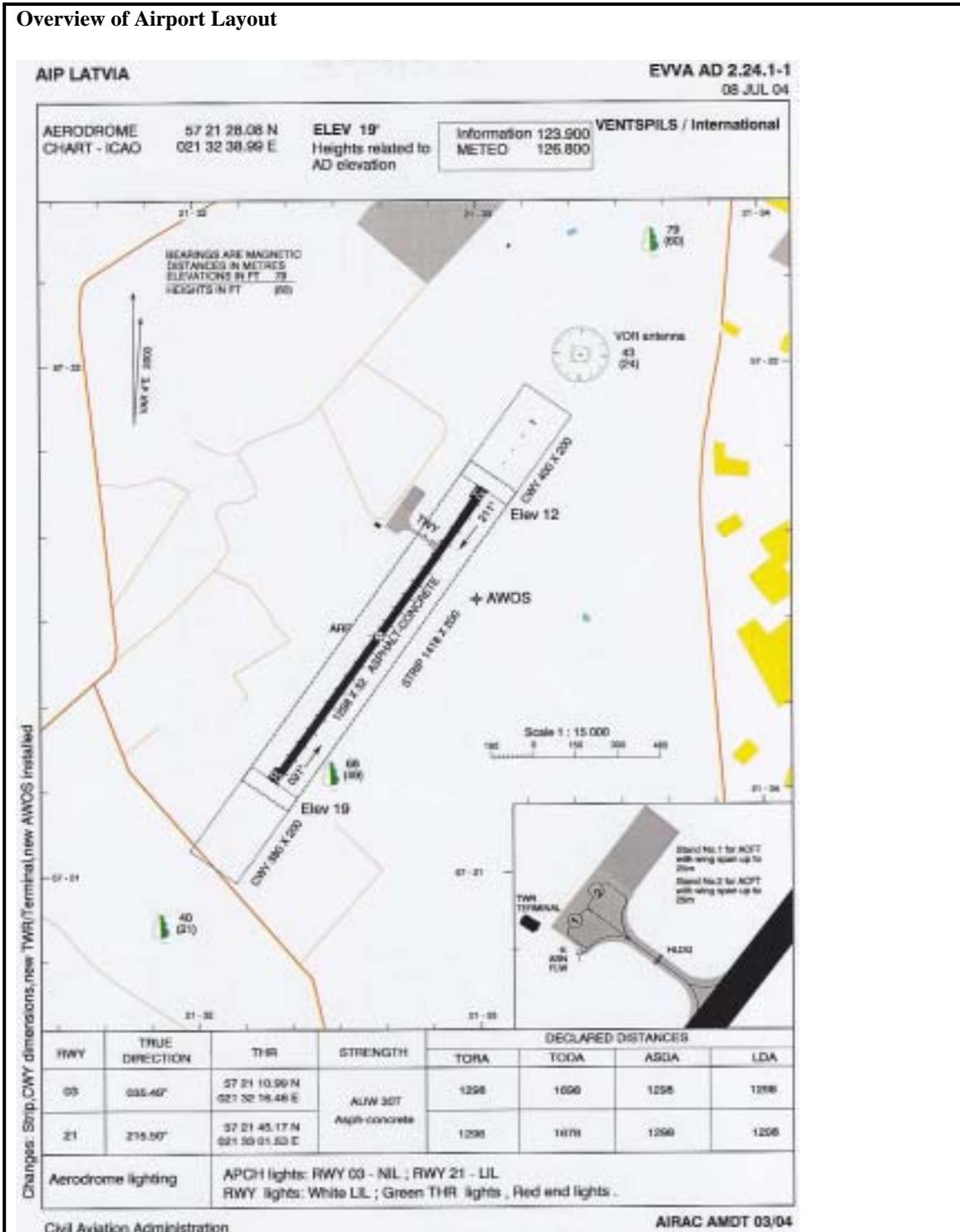
**Future Traffic Forecast**

<b>Year</b>	<b>Passengers per year</b>
2004	1140
2005	1590
2006	5592
2007	9594
2008	13596
2009	17598
2010	21600
2011	23493
2012	25386
2013	27279
2014	29172
2015	31065
2016	32958
2017	34851
2018	36744
2019	38637
2020	40530
2021	42423
2022	44316
2023	46209
2024	48102
2025	50000
2026	50750
2027	51511
2028	52284
2029	53068
2030	53864
2031	54672
2032	55492
2033	56325
2034	57169
2035	58027

Source: Airport

5.5.5 Runway Information

Overview of Airport Layout



Republic of Latvia	<b>5</b>
Section 5 - Ventspils	

**Current Runway Capacity**

		<u>Runway 1</u>	
<b>Designation</b>		<input type="text" value="03/21"/>	<input type="text"/>
<b>Length (m)</b>		<input type="text" value="1298m"/>	<input type="text"/>
<b>ILS CAT</b>		<input type="text" value="none"/>	<input type="text"/>
<b>Number of Peak Hour Departures</b>		<input type="text" value="4"/>	<input type="text"/>
<b>Number of Peak Hour Arrivals</b>		<input type="text" value="4"/>	<input type="text"/>
<b>Hourly Capacity Under IFR Flight Rules</b>		<input type="text"/>	<input type="text"/>
<b>Average Movement Delay Rate (mins)</b>		<input type="text"/>	<input type="text"/>
<b>Annual Movement Capacity</b>		<input type="text"/>	<input type="text"/>
<b>Runway Operating Hours</b>		<input type="text" value="On request"/>	<input type="text"/>

<b>Multi-runway operating procedures</b>
<b>Factors limiting Runway capacity</b>
Runway is 1298m long and 32 m wide. Runway length and only 2 aircraft parking stands determine runway capacity.

Republic of Latvia	<b>5</b>
Section 5 - Ventspils	

**5.5.6 Terminal and Cargo Facilities**

**Terminal Capacity**

	Terminal		
Name of Terminal	<input type="text"/>	<input type="text"/>	<input type="text"/>
Departing Passengers per hour	30	<input type="text"/>	<input type="text"/>
Arriving Passengers per hour	30	<input type="text"/>	<input type="text"/>
Transfer Passengers per hour	30	<input type="text"/>	<input type="text"/>
Annual Capacity	<input type="text"/>	<input type="text"/>	<input type="text"/>

<b>Methodology for calculation of terminal capacity</b>
<b>Excess capacity</b>
<b>Main bottlenecks for terminal capacity</b>
Limited number of check-in-desks is the main bottleneck.

Republic of Latvia	<b>5</b>
Section 5 - Ventspils	

**Terminal Facilities (Passenger)**

Name of Terminal	Terminal		
Terminal Total Floor Area	1		
Number of Check in desks	1		
Number of Self Service Check in machines			
Number of Passenger Security Screening Positions	1		
Number of Departure Baggage Belts			
Number of Departure Gates	1		
Number of Loading Bridges			
Number of Inbound Passport / Immigration Positions	2		
Number of Baggage Claim Units			
Number of Commercially Important Passenger Lounges			

<b>Number of parking stands</b>
2 x small aircraft stands Access to terminal by foot
<b>Retail Facilities</b>
None

**Cargo Capacity**

Name of Cargo Facility	Facility		
Description			
Annual Cargo Capacity (metric tonnes)			
Total annual inbound cargo (metric tonnes)			
Total annual outbound cargo (metric tonnes)			
Share carried on cargo aircraft (%)			
Total domestic cargo (metric tonnes)			
Total international cargo (metric tonnes)			
<b>Further detail on cargo facilities</b>			

<b>Republic of Latvia</b>	<b>5</b>
<b>Section 5 - Ventspils</b>	

### Other Facilities

<b>Aircraft Maintenance / Engineering Facilities</b>
Currently no Maintenance or Engineering Facilities
<b>Refuelling facilities</b>
AvGas, Jet-A1 System capacity limitations – AvGas 5t, Jet-A1 25t
<b>Winter Operating facilities</b>
Outsourcing.

### 5.5.7 Infrastructure Development

<b>Major works in the last 5 years</b>
Construction of passenger terminal and air traffic control tower in 2003 – EUR 0.9m Refuelling system construction in 2004 – EUR 0.2m
<b>Future Approved works</b>
Border guard hangar construction in 2006 for a border guard helicopter base.
<b>Long term development plan (master plan) for the airport</b>
Master plan 2006 Lengthening of runway in 2007-2013 to approx. 2000m

### 5.5.8 Environment

<b><u>Environmental Policy</u></b>
The Airport has received permission for operation in accordance with state established environmental rules.

<b>Republic of Latvia</b>	<b>5</b>
<b>Section 5 - Ventspils</b>	

### 5.5.9 Accessibility

<b>Road Access (private vehicle)</b>
<p>Distance from the airport to the city centre – 2 km driving via a one-lane road.</p> <ul style="list-style-type: none"> <li>• Distance to A highway- 4 km;</li> <li>• Distance to B motorway- 2 km</li> </ul>
<b>Car Parking</b>
<p>There are places for 8 cars and minibuses at the terminal.</p>
<b>Public Transport Access - Rail</b>
<p>There is no direct railway for passengers to the airport. Distance to City railway station – 7 km.</p>
<b>Public Transport Access – Bus and Coach</b>
<p>Distance to City bus station – 3 km.</p>
<b>Public Transport Access - Taxi</b>
<p>All city taxi companies can operate from the airport.</p>
<b>Access for Persons of Reduced Mobility</b>
<p>1 WC for persons of reduced mobility. The Airport does not possess a special lift for boarding of persons with reduced mobility onto the aircraft.</p>

<b>Republic of Latvia</b>	<b>5</b>
<b>Section 5 - Ventspils</b>	

### 5.5.10 Key Issues and Other Information

<b>Key issues for the airport over the next 5 years</b>
Lengthening and renewing of the runway, lighting system and establishment of other facilities and security systems, and the starting of scheduled traffic.

**5.5.11 Ventspils Airport Photographs**

Photographs provided by the Ventspils International Airport.



Control Tower (aerial photograph)



The Check-in desk

Republic of Latvia	5
Section 5 - Ventspils	



The Control Tower

Republic of Latvia	<b>5</b>
Section 5 - Liepaja	

## 5.6 Liepaja Airport

### 5.6.1 Basic Airport Information

<b>Airport Name</b>	<input aviacompany="" liepaja"="" ltd."="" style="width: 95%;" type="text" value="Liepaja municipal "/>		
<b>Airport Address</b>	<input style="width: 95%;" type="text" value="Liepaja international airport&lt;br/&gt;Liepaja, LV-3406, Latvia"/>		
<b>Website Address</b>	<input style="width: 95%;" type="text" value="www.liepaja-airport.lv"/>		
<b>IATA Code</b>	<input style="width: 45%;" type="text" value="EVLA"/>	<b>ICAO Code</b>	<input style="width: 45%;" type="text" value="LPX"/>
<b>Managing Director / Chief Executive</b>	<input style="width: 95%;" type="text" value="Aldis Murnieks"/>		

<b>IATA Slot Coordination Level</b>	<input style="width: 60%;" type="text" value="Level 1: Non-coordinated airport"/>
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(Level 1: Non-coordinated airport or Level 2: Schedules facilitated airport or Level 3: Fully coordinated airport)

<b>Air Traffic Control &amp; Navigation</b>	
<b>ATC Coverage (local or area control, who provides service)</b>	<input style="width: 95%;" type="text" value="STATE JOINT STOCK COMPANY OF AIR SPACE UTILISATION AND AIR TRAFFIC ORGANISATION: LATVIJAS GAISA SATIKSME (LGS) (LOCAL AND AREA)"/>
<b>NDB</b>	<input style="width: 95%;" type="text"/>
<b>DME</b>	<input style="width: 95%;" type="text" value="Yes"/>
<b>VOR</b>	<input style="width: 95%;" type="text" value="Yes"/>
<b>Other</b>	<input style="width: 95%;" type="text"/>

<b>Republic of Latvia</b>	<b>5</b>
<b>Section 5 - Liepaja</b>	

<b>Fire Fighting</b>	
<b>Fire Fighting Category</b>	CAT 4 (Saab 340 size)
<b>Maximum Aircraft Size</b>	B737

<b>Key airport contacts</b>	
<p><b>Aldis Murnieks</b>  Director Liepaja municipal “Aviacompany Liepaja” Ltd. Liepaja int.airport , Liepaja, LV-3406, Latvia, phone +371 9229771(gsm); e-mail: air_liepaja@anet.lv</p> <p><b>Aija Kergalve</b>  Chief accountant, municipal “Aviacompany Liepaja” Ltd. Liepaja int.airport , Liepaja, LV-3406, Latvia, phone +371 3407592; e-mail: air_liepaja@anet.lv  Anatoly Bereznoy, municipal “Aviacompany Liepaja” Ltd. Liepaja int.airport , Liepaja, LV-3406, Latvia, phone +371 3407593; e-mail: air_liepaja@anet.lv</p> <p><b>Vjacheslav Ciganov,</b>  Chief of Liepaja branch of SJSC of Air Space Utilisation and Air Traffic Organisation Latvijas Gaisa Satiksme (LGS), Liepaja int.airport, Liepaja ,LV-3406; phone: +371 34 84100 e-mail: ciganov@lgs.lv</p> <p><b>Tamara Konstantinova,</b>  municipal “Aviacompany Liepaja” Ltd. Liepaja int.airport , Liepaja, LV-3406, Latvia, phone +371 3407592; e-mail: air_liepaja@anet.lv</p>	

<b>Republic of Latvia</b>	<b>5</b>
<b>Section 5 - Liepaja</b>	

### 5.6.2 Airport Ownership and Management

<b>Current ownership structure of the airport</b>
Public- owned by Liepaja municipality Shares not traded

<b>Current management structure at the airport</b>
Liepaja municipal “Aviacompany Liepaja” Ltd.

<b>Number of employees working for the airport operator</b>
20 in 2004

<b>Ground handling service provision at the airport</b>
Airport operator _ Aviacompany Liepaja Ltd: <ul style="list-style-type: none"> <li>- passenger handling;</li> <li>- baggage handling;</li> <li>- aircraft cleaning;</li> <li>- refueling;</li> <li>- ground transport;</li> <li>- Ramp services.</li> </ul>

<b>Brief history of the airport, highlighting major events</b>
<ul style="list-style-type: none"> <li>▪ Liepaja airport started operations in 1958. It was designed and built as a domestic airport for inland flights to connect Liepaja with other destinations in the previous U.S.S.R. It became a part of The Latvian Civil Aviation Department and catered to local airlines.</li> <li>▪ In May 1960 by a resolution of the U.S.S.R. Defence Ministry The Liepaja airport became a part of “Aeroflot”, the Soviet civil aviation. The Aeroflot air services were operating at the time of Latvian independence.</li> <li>▪ In 1991 by the resolution No. 93 of 30.08.91 of the Ministry of communications the Liepaja airport, newly reorganised by the Latvian Civil Aviation Department, became a structure unit of the state enterprise “Airport Riga”.</li> <li>▪ On September 11, 1992 by the resolution No. 390 “On Protection and Status of the Latvian Airports and Navigation Safety Guarantees” the Liepaja airport was let to the Ministry of Communications.</li> <li>▪ In 1993 by the resolution No. 78 of 25.03.93 of the Ministry of Communications, the Liepaja City Council was given ownership of Liepaja airport.</li> <li>▪ On June 10, 1993 by the resolution No. 474 of Liepaja City Council the local government enterprise “Airport of Liepaja” was reorganised to “Aviasabiedrība “Liepāja”” Ltd. The founders were the Liepaja City Council and the agroindustrial company “Durbe” Ltd. The registration date of “Aviasabiedrība “Liepāja”” Ltd. was 17 June 1993.</li> </ul>

<b>Republic of Latvia</b>	<b>5</b>
<b>Section 5 - Liepaja</b>	

- On August 4, 1998 the Liepaja City Council became the only owner (shareholder) of “Aviasabiedrība “Liepāja”” Ltd.

Carrying passengers and cargo are the principal activities of the company. From 1960 the following airlines were operating from Liepaja airport: to Daugavpils (Latvia), to Leningrad, Kaliningrad, Moscow (Russia), to Minsk (Belarussia), to Kiev, Simpheropoli (Ukraine) etc.

The maximum annual passenger volume was reached in 1967, 140,000 passengers and 900 t of cargo. 12 flights daily were served at Liepaja airport that year.

In 1988 the runway was reconstructed.

In 2000 the passenger terminal was reconstructed.

### 5.6.3 Financial Issues

<b>Financial performance</b>
<p>Year 2004</p> <p>Turnover: –aeronautical revenues EUR 21,244  - non aeronautical revenues EUR 31,797</p> <p>Operating profit before tax : - EUR 64,455</p> <p>Net profit : - EUR 66, 949</p>

<b>Republic of Latvia</b>	<b>5</b>
<b>Section 5 - Liepaja</b>	

<b>User charges</b>	
Current published fees at Liepaja airport:	
Landing charge Charges based on the MTOW of the aircraft.	
Basic rate for each 1000 kg of the maximum take of weight (MTOW) is 8.2 EUR. An additional 20% of landing charge is levied for each landing made from 16.30 to 09.00 (local time).	
Parking charge	
<ul style="list-style-type: none"> <li>- the first 3 hours are free of charge;</li> <li>- the parking charge is 1.3EUR per ton of MTOW for each 24 hours period;</li> </ul> The minimum charge is 5 EUR.	
Passenger service charge: At Liepaja airport terminal services and security charges for each departing passengers are 6 EUR.	
Above mentioned charges regulated and approved by Latvian Civil Aviation Administration Handling charges regulated by Aviacompany Liepaja Ltd. administration.	
MTOW (tons)	EUR
Less 3	40
3-7	60
7-13	110
13-23	656
23-32	795
32-41	1226
41-59	1560
59-80	1024
80-100	2156
100-130	2581
130-156	3127
156-200	3949
200-270	5282
More than 270	7368

<b>Republic of Latvia</b>	<b>5</b>
<b>Section 5 - Liepaja</b>	

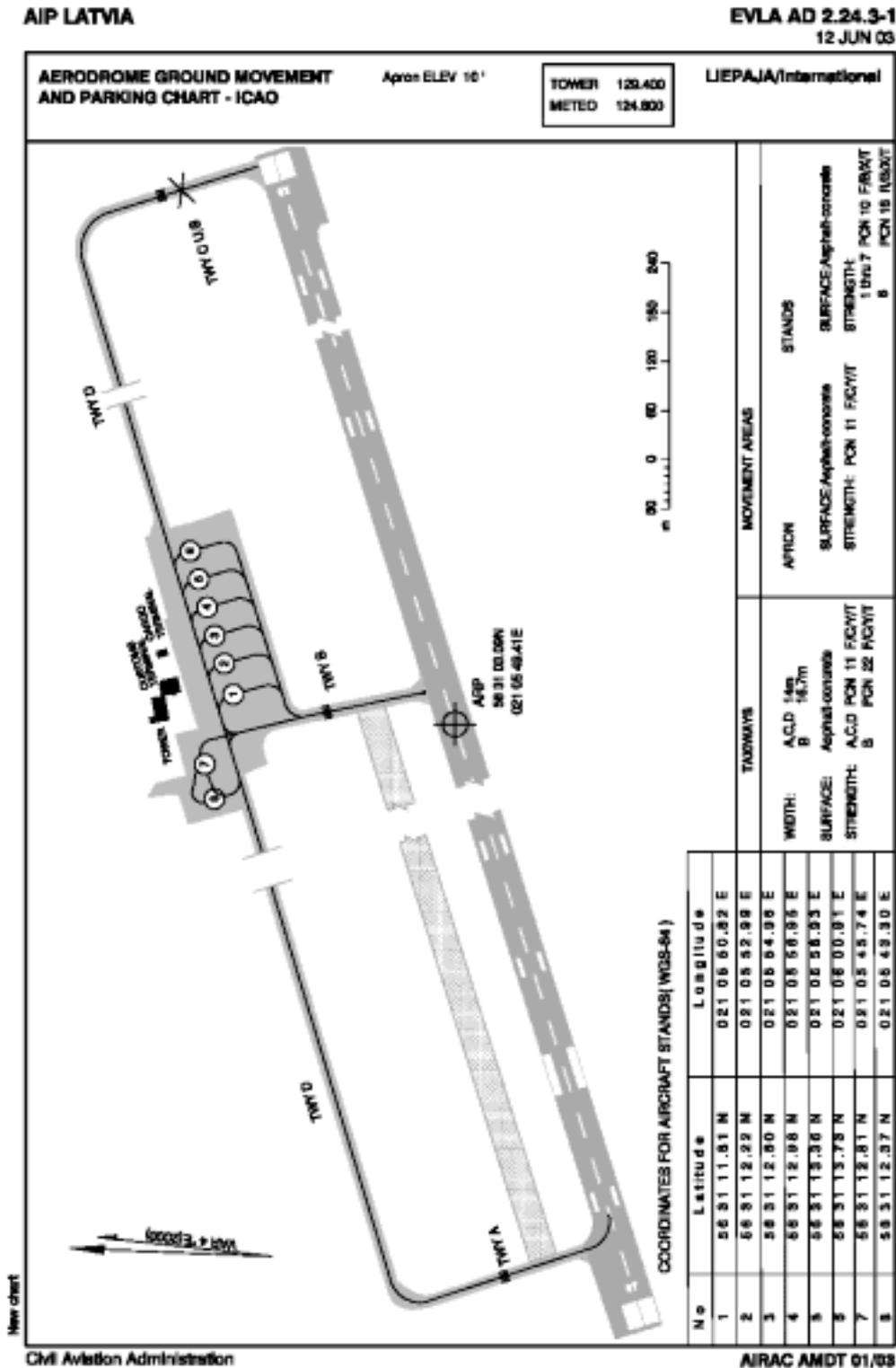
#### 5.6.4 Airport Traffic

<b>Airport traffic history</b>												
<p>Within the last 10 years only charter, private and military aircraft were handled. For a short period in 1998 there was regular traffic to Moscow (Vnukovo) and Copenhagen (Roskilde) – for 1month, in 2000 regular traffic Riga-Liepaja Jonkoping(Sweden)-Billund (Denmark)-(1.5 months).            Charter mainly catered for sports teams, and private flights to Sweden and Germany.            Cargo – general cargo (goods from China).</p>												
	<b>1993</b>	<b>1994</b>	<b>1995</b>	<b>1996</b>	<b>1997</b>	<b>1998</b>	<b>1999</b>	<b>2000</b>	<b>2001</b>	<b>2002</b>	<b>2003</b>	<b>2004</b>
ATM	151	96	48	75	156	342	322	362	280	374	468	298
Total pax	584	930	490	507	991	884	1116	1347	1360	962	2487	1512
Transit passenger								349	31			
Cargo		59	40	42	12		2.2	11.5		211		
Source: Airport												

<b>Current Flight Programme</b>
<p>No regular traffic, only private, military, and charter.            Charter flight to and from Sweden and Germany.</p>

<b>Future Traffic Forecast</b>
<p>Plans to start regular traffic 5 times a week (domestic flight) Liepaja-Riga-Liepaja by Air Baltic from May 28, 2005.</p>

5.6.5 Runway Information



Republic of Latvia	5
Section 5 - Liepaja	

**Current Runway Capacity**

<b>Runway 1</b>		
<b>Designation</b>	<input type="text" value="07/25"/>	<input type="text"/>
<b>Length (m)</b>	<input type="text" value="2002m"/>	<input type="text"/>
<b>ILS CAT</b>	<input type="text" value="none"/>	<input type="text"/>
<b>Number of Peak Hour Departures</b>	<input type="text" value="3"/>	<input type="text"/>
<b>Number of Peak Hour Arrivals</b>	<input type="text" value="4"/>	<input type="text"/>
<b>Hourly Capacity Under IFR Flight Rules</b>	<input type="text" value="none"/>	<input type="text"/>
<b>Average Movement Delay Rate (mins)</b>	<input type="text" value="none"/>	<input type="text"/>
<b>Annual Movement Capacity</b>	<input type="text" value="100 000"/>	<input type="text"/>
<b>Runway Operating Hours</b>	<input type="text" value="06.00-13.30UTC (Mon-Fri)"/>	<input type="text"/>

<b>Multi-runway operating procedures</b>
Runway capacity calculated based on practical measurements.
<b>Factors limiting Runway capacity</b>
<p>The bottlenecks for runway capacity are:</p> <p>Runway width,            Taxiway width;            Radiuses on turnings taxiways.</p>

Republic of Latvia	5
Section 5 - Liepaja	

**5.6.6 Terminal and Cargo Facilities**

**Terminal Capacity**

	Terminal		
Name of Terminal	<input type="text"/>	<input type="text"/>	<input type="text"/>
Departing Passengers per hour	60	<input type="text"/>	<input type="text"/>
Arriving Passengers per hour	60	<input type="text"/>	<input type="text"/>
Transfer Passengers per hour	<input type="text"/>	<input type="text"/>	<input type="text"/>
Annual Capacity	200,000	<input type="text"/>	<input type="text"/>

<b>Methodology for calculation of terminal capacity</b>
Based on practical observation.
<b>Excess capacity</b>
Capacity is not fully used.
<b>Main bottlenecks for terminal capacity</b>
Only one check-in desk.

<b>Republic of Latvia</b>	<b>5</b>
<b>Section 5 - Liepaja</b>	

**Terminal Facilities (Passenger)**

<b>Name of Terminal</b>	<b>Terminal Passenger terminal</b>		
<b>Terminal Total Floor Area</b>	200m2		
<b>Number of Check in desks</b>	1		
<b>Number of Self Service Check in machines</b>	none		
<b>Number of Passenger Security Screening Positions</b>	1		
<b>Number of Departure Baggage Belts</b>	0		
<b>Number of Departure Gates</b>	1		
<b>Number of Loading Bridges</b>	0		
<b>Number of Inbound Passport / Immigration Positions</b>	2		
<b>Number of Baggage Claim Units</b>	1		
<b>Number of Commercially Important Passenger Lounges</b>	0		

<b>Further detail on terminal passenger facilities</b>
None

<b>Republic of Latvia</b>	<b>5</b>
<b>Section 5 - Liepaja</b>	

<b>Number of parking stands</b>
<p>8 parking stands -Boeing 737</p> <p>Access - by foot</p>
<b>Retail Facilities</b>
None

<b>Republic of Latvia</b>	<b>5</b>
<b>Section 5 - Liepaja</b>	

**Cargo Capacity**

	<b>Facility</b>		
<b>Name of Cargo Facility</b>	Warehouse 36m2		
<b>Description</b>	Guarded, heated, electricity, local alarm system		
<b>Annual Cargo Capacity (metric tonnes)</b>	none		
<b>Total annual inbound cargo (metric tonnes)</b>	none		
<b>Total annual outbound cargo (metric tonnes)</b>	none		
<b>Share carried on cargo aircraft (%)</b>	none		
<b>Total domestic cargo (metric tonnes)</b>	none		
<b>Total international cargo (metric tonnes)</b>	none		
<b>Further detail on cargo facilities</b>			

<b>Republic of Latvia</b>	<b>5</b>
<b>Section 5 - Liepaja</b>	

**Other Facilities**

<b>Aircraft Maintenance / Engineering Facilities</b>
None
<b>Refuelling facilities</b>
Hydrant system –none JET A-1. Fuel must be ordered in advance because fuel is not stored at the airport.
<b>Winter Operating facilities</b>
Runway Snow Plough units, De-Icing units –available.

**5.6.7 Infrastructure Development**

<b>Major works in the last 5 years</b>
In 2000 June renovated passenger terminal. In 2004 July ATRACC - Air Traffic control system established at Liepaja TWR. In 2005 March new automatic meteorological observation systems established at the aerodrome.
<b>Future Approved works</b>
In 2005 the VOR-DME will be replaced.

<b>Long term development plan (master plan) for the airport</b>
Not yet completed. It is planned to develop a master plan in 2006, which will be financed by the Cohesion fund. The Liepaja municipality capital investment plan for period 2005-2009 (finances approved every year) has the below budget for the airport:  Reconstruction of passenger terminal 3rd stage –EUR 26,286 Airport territory fence EUR 168,000 Search-rescue service upgrading EUR 292,857 Lightning system change EUR 857,143 New runway cleaning vehicles purchase EUR 142,857 Runway repair (new layer) EUR 2,118,714

<b>Republic of Latvia</b>	<b>5</b>
<b>Section 5 - Liepaja</b>	

### 5.6.8 Environment

<b><u>Environmental Policy</u></b>
<p>An environmental impact study is planned for 2006.  According to studies from 1998 on soil contamination no pollution was found.  Due to low traffic and little operational use of airfield there is little impact on the environment.</p>

### 5.6.9 Accessibility

<b>Road Access (private vehicle)</b>
7 km to the center of Liepaja via two-lane road.
<b>Car Parking</b>
<p>1 car park – short term/long term (10 spaces)  Fee – 2 Euro per 24 hours (long term)</p>

<b>Republic of Latvia</b>	<b>5</b>
<b>Section 5 - Liepaja</b>	

<b>Public Transport Access - Rail</b>
None
<b>Public Transport Access – Bus and Coach</b>
Local bus service to the town.
<b>Public Transport Access - Taxi</b>
One
<b>Access for Persons of Reduced Mobility</b>
There is easy access to get in/out of the terminal with a wheelchair. One toilet for persons with reduced mobility is provided. There is a wheelchair available for persons with reduced mobility to be transported to the aircraft and trained staff are available to assist persons with reduced mobility.

#### 5.6.10 Key Issues and Other Information

<b>Key issues for the airport over the next 5 years</b>
<p>It is planned to start regular domestic traffic in 2005.          Upgrade airport services and replace old equipment.          Finances for infrastructure are planned to utilise EU funds such as the Cohesion fund, Interreg IIIB etc.</p>

Republic of Latvia	<b>5</b>
Section 5 - Liepaja	

**5.6.11 Liepaja Airport Photographs**

Photographs obtained from the company’s website.



Terminal entrance



Terminal interior

Republic of Latvia	5
Section 5 - Liepaja	



The airfield with the terminal to the right of picture.