IVAO Slovenia

Celebrating 55 years of Ljubljana Airport FlyIn

INTRODUCTION

Dear IVAO Member!

We would like to welcome you to the IVAO Slovenia Division » Celebrating 55 years of Ljubljana Airport « FLY IN EVENT. The event will be on 23rd December 2018 between 1500z to 1900z.

The airport was officially opened in December 1963, while the regular flights from the new airport at Brnik began in January 1964. Every year more and more passengers travel from/to Ljubljana Airport. In 2016 there where more than 1. 400. 000 passengers.

Like always, our main goal is that pilots have fun and enjoy flying. The other goal of this event is to increase popularity of IFR & VFR traffic in our Slovenian division and to increase overall traffic on IVAO network.

I hope that you will enjoy reading this document and have a lot of fun at this event.

Kind regards,

Matic Zamuda
Event Coordinator - Slovenia
Webmaster - Slovenia
IVAO Trainer
matic.zamuda@ivao.aero

1. RULES AND REGULATIONS

There are few basic rules that you need to follow so that you successfully finish this Event:

    I.   Follow all IVAO Rules and Regulations.
    II.   All flights must be flown online and with real weather (simulated daytime is allowed).
    III.   Flights must be flown on Sunday, 23. 12. 2018 from 1500z - 1900z.
    IV.   Flights must be flown with normal simulation speed (1x).
    V.   Pay attention to your flight plan. PIREPs with wrong ICAO codes, wrong flight rules, etc... will be rejected.
    VI.   User may fly as much flights as they wish To and/or From Ljubljana LJLJ airport

Pilots may use some of the following aircrafts:
- Piston engine aircraft.
- Category A aircraft (approach speed 90 knots or less).
- Medium and Heavy aircraft.
- Category B, C, D, E aircraft.

It is not allowed to use one of the following aircrafts:
- Military (non training purpose) or fighter aircraft.
- Supersonic aircraft.

Be careful of Ljubljana (LJLJ) scenery, original FSX / P3D scenery don't have Taxiway A extension so without of custom scenery you will not have correct airport layouts.
Freeware scenery is available at IVAO Slovenia website.

RFSCENERYBUILDING - LJLJ LJUBLJANA INTERNATIONAL AIRPORT FSX P3D is available HERE.

For each completed flight, you have to fill a report via IVAO Tours Reporting System – "Best Pilot Award 2018".

Note that you have to fill out the report correctly in order for it to be accepted:
    I.   All times must be in UTC.
    II.   Make sure to fill in the report with the same callsign used for the flight online.
    III.   Maximum disconnection time 15 minutes, report disconnections in the PIREP's comments.

IMPORTANT
Pilot must log on at least 6 minutes before departure and log off at least 6 minutes after arrival in order to let IVAO tracker log your flight data. Legs will be rejected if you do not comply with this rule and your flight will not be registered by IVAO Tracking system.

2. AWARD

Every pilot and ATC will get »Aviation Celebration Tours and Events« award.

Send your pirep HERE.

3. DURATION OF EVENT

Celebrating 55 years of Ljubljana Airport FlyIn Event will be performed on 23rd December 2018 from 1500z to 1900z (1600 to 2000 Local).

4. RESOURCES

4.1.   GLOBAL SCENERIES

On IVAO Slovenia Division scenery website, you can found some recommended updates that are made for the whole world or Europe or/and Slovenia.

If you do not have any payware installed we suggest that you check a free and very detailed (LOD10) mesh for the whole world that is available from FreeMesh X Global. With this addon, you get nicely shaped landscape around the world or you can just install the European continent.

Hervé Sors makes monthly updates to the navaids and waypoints with updates to the magnetic variation included.

FS Real Time updates time zones and correct DST movement.

4.2.   SLOVENIA FREEWARE

IVAO Slovenia division providing free charts & sceneries for Slovenia airports. While learning the complexity of creating FS sceneries, some great add-ons were made and are updated when knowledge improves. Sceneries are available on IVAO Slovenia division website. X-plane, Prepare 3D and FS9/FSX are supported although not for all airports. Ljubljana airport is available for all flight simulators while others are mainly made for FSX.

Fraport Slovenija - Ljubljana Airport – LJLJ | LJU (Slovene: Aerodrom Ljubljana) also known by its previous name - Brnik Airport, is the international airport of Ljubljana, the capital of Slovenia. The airport is the biggest in Slovenia and is located near the village of Brnik, 24 km northwest of Ljubljana and 9.5 km. The airport was officially opened in December 1963. This airport will be your everytime destination on this tour.

4.3.   LJLJ Payaware

RFSCENERYBUILDING - LJLJ LJUBLJANA INTERNATIONAL AIRPORT FSX P3D is available HERE.

IMPORTANT:
Before your flight, please install latest Ljubljana LJLJ freeware scenery (from IVAO Slovenia website or RFSCENERYBUILDING - LJLJ LJUBLJANA INTERNATIONAL AIRPORT FSX P3D). Only that way all pilots will use correct airport layouts. Incorrect airport layouts causes a lot of ground taxi problems and unwanted delays in air traffic!
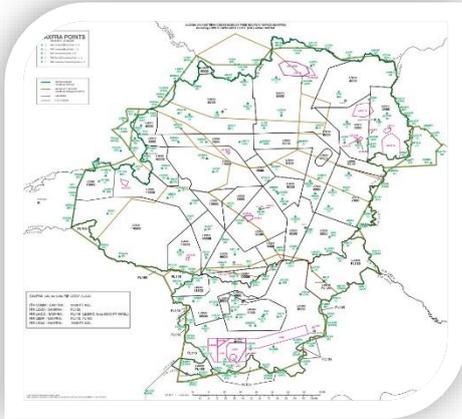
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5. AIP AND CHARTS

Charts and the information from the Aeronautical Information Publication are a big help to pilots before flying and also during the flight. Here will be listed the charts and information that you have to check and read before flight.

For this, as suggested, you should create your EAD account for free to access all AIPs from the Europe region and further. Unfortunately, not all ANS providers have Electronic AIP available, that is why you have to access to them via EAD login.

Check Eurocontrol website to see, which country has eAIP and which one has only one published and accessed via free EAD Account.

In every AIP you find enroute charts in Part 2 - ENR chapter 6, while aerodrome charts are in Part 3 - AD chapter 2 inside every subchapter of the relevant airport - charts are at the end of each aerodrome chapter.

5.1. SLOVENIA

Current eAIP Slovenia is always available at Slovenia Control website. On IVAO Slovenia website you can find all appropriate charts for Ljubljana LJLJ aerodrome.

Please be noticed that **SAXFRA** (Slovenian Austrian Free Route Airspace) is implemented in Slovenian and Austrian Airspace from November 10, 2016.

Please be noticed that SEAFRA (South East Axis Free Route Airspace) is implemented in Croatian, Bosnian, Serbian and Montenegrian Airspace from February 1, 2018.

All informations can be found:

 - AIP Slovenia : http://www.sloveniacontrol.si/acrobat/aip/Operations/history-en-GB.html
 - RAD document : https://www.nm.eurocontrol.int/RAD/index.html
 - Eurocontrol NOP portal:
https://www.public.nm.eurocontrol.int/PUBPORTAL/gateway/spec/index.html

6. ROUTES & PROCEDURES

6.1 DEPARTURE FROM LJLJ

ATC clearance will be delivered from Ljubljana TOWER (LJLJ_TWR). Pilots shall request ATC clearance on stand prior request for start-up and/or push-back clearance.

> Example: LJUBLJANA TOWER, "call sign", stand "number", Information "letter", requesting clearance for IFR flight to Amsterdam.

Departing ACFT may expect following ATC clearances:

- **RWY 12:**   SID LUPIX 2D
                   RNAV LUPIX 1E

- **RWY 30:**   SID GIMIX 1J (JETs only).
                   RNAV GIMIX 1Z (JETs only)
                   SID MODRO 1W
                   RNAV MODRO 1Z

Report on initial contact with ATC if you are unable to comply with RNAV procedures (RNAV procedures at LJLJ implemented with AIRAC 1713).

Pilots shall state their parking position number and current ATIS information on initial contact. Pay attention to your flight plans. FPL with wrong ICAO codes, wrong flight rules, etc... will be rejected.
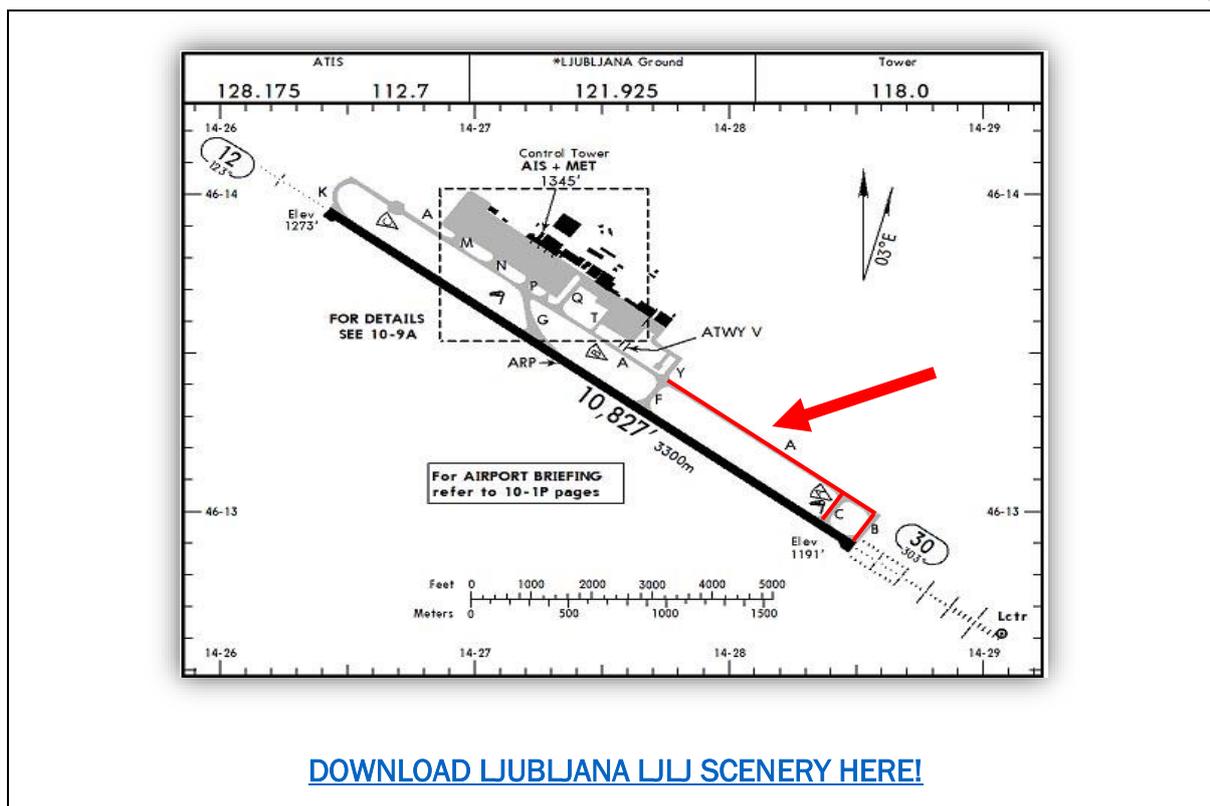
In case of bad weather Low visibility procedures (LVP) will be applied. LVP apply when RVR is below 550m and ceiling is 200' or below. Pilots will be informed via RTF or ATIS on first contact with the following standard message: "LOW VISIBILITY PROCEDURES IN OPERATION". LVP will be terminated when RVR is greater than 800m and ceiling is above 300' and acontinuing improvement of these conditions is expected. Pilots will be informed via RTF or ATIS with the phraseology: "LOW VISIBILITY PROCEDURES CANCELLED AT TIME ...".

Pilots should ensure that they are able to follow the clearance to the take-off position or the take-off clearance without delay to keep RWY occupation times as short as possible.

Cockpit checks should be completed prior to line-up, and any checks required to be completed on the RWY should be kept to a minimum. ATC instructions to be ready for immediate departure ("be ready for/expect immediate departure") will be issued if an immediate realization of the succeeding take-off clearance is possible, occupying the RWY as short as possible.

Be careful of Ljubljana (LJLJ) scenery!

Original FSX / P3D scenery does not have Taxiway A extension so without of our custom scenery you will not have correct airport layouts. In case of original FSX / P3D scenery use, expect delays!
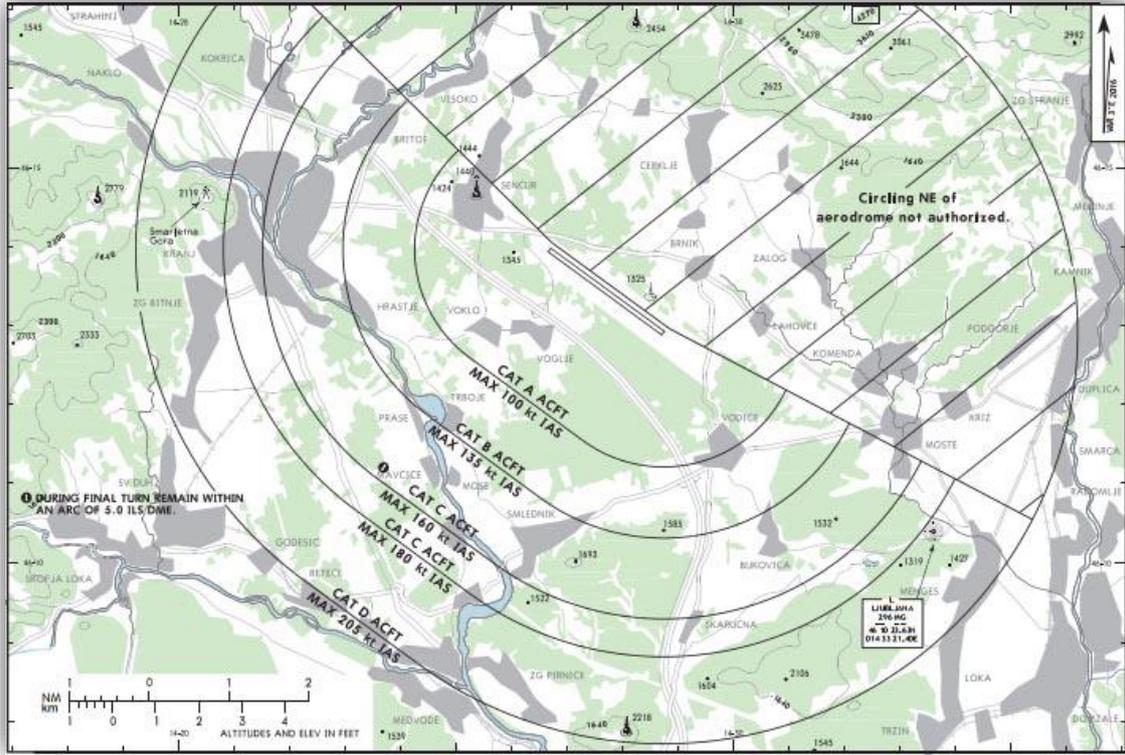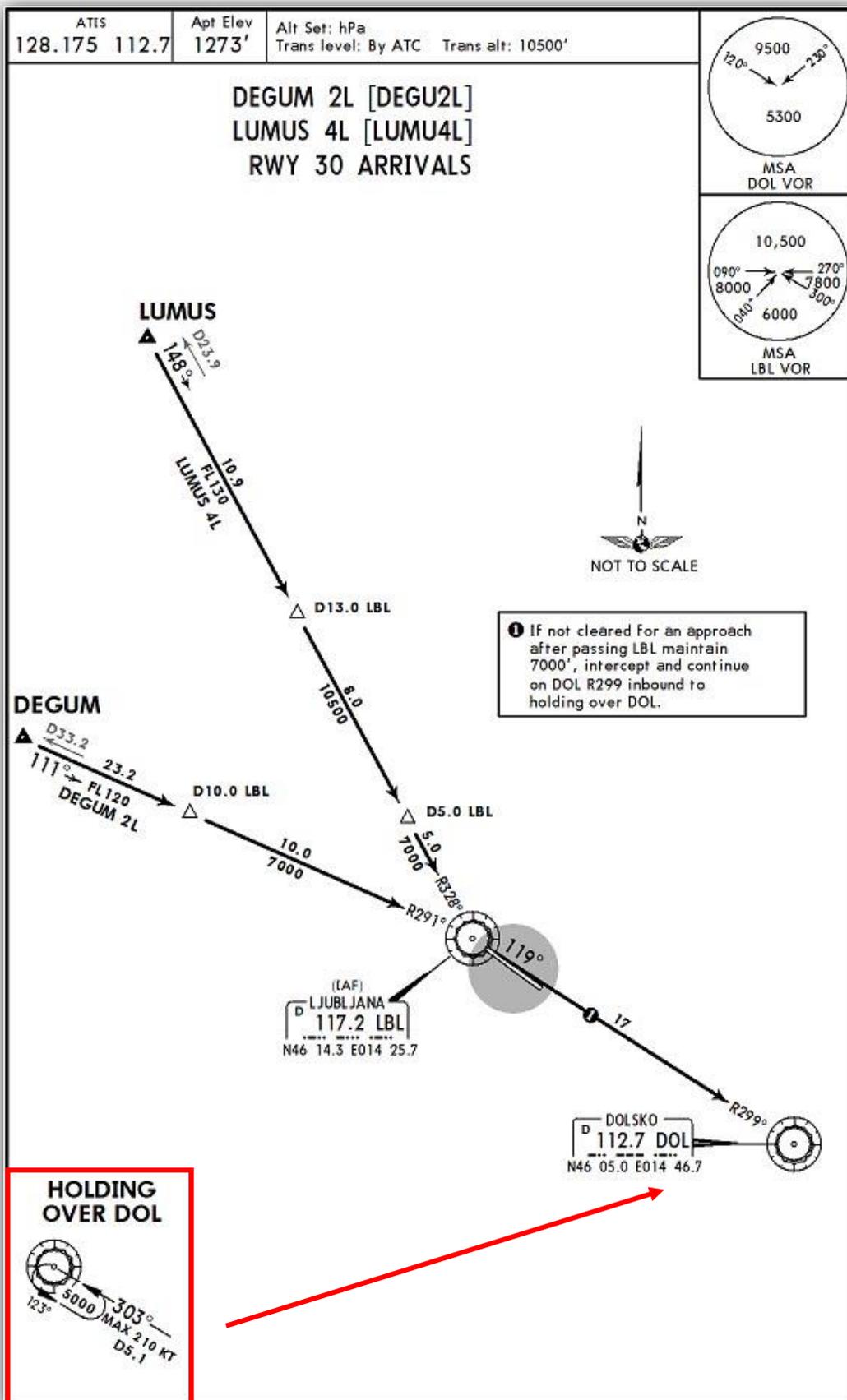
6.2 ARRIVAL TO LJLJ

Arriving ACFT will be vectored by Ljubljana Approach Radar (LJLA_CTR) to ensure the interception of the ILS at the FAF for RWY 30. Also use of STAR "LUMUS 4L" or RNAV "LUMUS 1R" is possible. Due to high terrain NORTH of Airport, do not overshoot the ILS LOC. Report on initial contact with ATC if you are unable to comply with RNAV procedures (RNAV procedures at LJLJ implemented with AIRAC 1713).

Pilots must always use charts to execute STAR or RNAV procedure as published. In case of Auto Pilot use, please be aware that some errors were detected in Navigraph AIRAC data (wrong ILS approach route!).

In case of strong winds in direction of RWY 30, visual circling for RWY 12 will be instructed by ATC. If so, pilots must join right downwind for RWY 12. Circling North-East (NE) of aerodrome is prohibited due to high terrain. Be advised that there is no ILS system on RWY 12. In case of circling to land procedure in progress all traffic may expect delays with HOLDING over DOL.

Circle to land Charts (click to open)

ATIS	Apt Elev	Alt Set: hPa
128.175 112.7	1273'	Trans level: By ATC Trans alt: 10500'

DEGUM 2L [DEGU2L]
LUMUS 4L [LUMU4L]
RWY 30 ARRIVALS

MSA
DOL VOR

9500
120°   230°
5300

MSA
LBL VOR

10,500
090°   270°
8000   800
300°
040°   6000

N
NOT TO SCALE

LUMUS
▲ D23.9
148°
10.9
FL130
LUMUS 4L
△ D13.0 LBL
8.0
10500

❶ IF not cleared for an approach
after passing LBL maintain
7000', intercept and continue
on DOL R299 inbound to
holding over DOL.

DEGUM
▲ D33.2
111°   23.2
FL 120
DEGUM 2L   △ D10.0 LBL
10.0
7000
△ D5.0 LBL
5.0
7000
R328°
R291°
119°

(IAF)
LJUBLJANA
117.2 LBL
N46 14.3 E014 25.7

17
R299°

DOLSKO
112.7 DOL
N46 05.0 E014 46.7

HOLDING
OVER DOL

303°
123°   5000
MAX 210 KT
D5.1

LUMUS 4L STAR & HOLDING over DOL

10

After landing at LJLJ the pilots shall preferably vacate the RWY via TWY G. Report RWY vacated when passing the end of the color coded yellow-green TWY centerline lights.

After RWY vacated Taxi instructions to stand / gate number will be given by Ljubljana TOWER (LJLJ_TWR). <u>Do not report</u> "On Blocks" position to Ljubljana TOWER (LJLJ_TWR).

7. AT THE END

Thank you for flying this Fly In Event!

We hope that you have enjoyed this event very much as well that you have learned new skills and got additional knowledge of flying, route planning, etc.

We would like to welcome you with further flights to our country, especially every Tuesday when Slovenia Division has online evenings!

If you have any question or suggestion or if you have found a mistake, do not hesitate to contact us via E-MAIL.

We wish you safe flying and a lot of fun!