

## 8. LSZA - LUGANO AIRPORT - Aerodrome charges

### 8.1 TARIFF REGULATIONS AT LUGANO AIRPORT

(Of 19 SEP 2013)

#### I. General terms and conditions

##### Art.1 Legal basis

For the ordinary use of the AP by ACFT, Lugano AP Authority shall levy charges in accordance with section II. For use of the AP that exceeds the ordinary, Lugano AP Authority shall levy special charges, in accordance with section III.

##### Art.2 Charges

The AP charges include:

- a. mass-related LDG charge
- b. mass-related noise surcharge on LDG charge
- c. approach charge (Skyguide) see [ANNEX 2: Approach charges for Category II airports](#)
- d. EM charge
- e. passenger charge
- f. parking charge
- g. cargo charge
- h. operating time surcharge
- i. fuel and lubricant prices
- j. ground handling charge - basic handling
  - scheduled and charter FLTs
  - general aviation FLTs

##### Art. 3 Special services

Lugano AP Authority is entitled to levy extra charges for special services not specifically mentioned in these regulations.

##### Art. 4 Services by third parties

Lugano AP Authority reserves the right to ask for contributions from firms and companies operating at the AP or offering services to its users.

##### Art. 5 Special conditions

Lugano AP Authority reserves the right to apply special rates to ACFT operators working for aviation or regional area development purposes, and to operators whose ACFT are mainly stationed on the AP area.

##### Art.6 Liability for payment of charges

Unless provided otherwise, the charges shall be paid as follows:

- a. in the case of scheduled or non-scheduled commercial FLTs, by the company that actually carries out the FLT ("actual carrier")
- b. in the case of non-commercial FLTs, by the operator of the ACFT

An ACFT operator is defined as the party who has the actual and PERM power of control over the ACFT and who uses it or permits it to be used at its expense.

Several operators of the same ACFT shall be jointly and severally liable for the charges; in the case of the operator not also being the owner of the ACFT, both the operator and the owner shall be jointly and severally liable for the charges.

##### Art. 7 Exemptions

The following cases are exempted from LDG, noise, approach, passenger and parking charges:

- operators of Swiss and foreign State ACFT provided that the ACFT is carrying the Head of State's government officials on a State visit
- search and police FLTs
- rescue and humanitarian FLTs
- ACFT participating in special demonstrations which are allowed by Lugano AP Authority

##### Art. 8 Obligation of data delivery

When claiming a reason for exemption in accordance with Art. 7, all the necessary evidence for the claim has to be submitted to Lugano AP Authority.

**Art. 9 Terms of payment of the charges**

The AP charges must be paid prior to TKOF, at the latest; Lugano AP Authority is, however, entitled to demand payment at any time after the ACFT has landed.

Lugano AP Authority may invoice the charges to regular AP users monthly, provided they have their domicile or head office in Switzerland and can furnish valid financial guarantees.

The payment shall be settled within 30 days of the date of the invoice, unless other agreements have been made.

**Art. 10 Currency**

The charges are payable in Swiss Francs (CHF).

**Art. 11 Value added tax**

The charge rates do not include VAT.

**Art. 12 Collection**

Lugano AP Authority may delegate an authorised dispatch office to levy the charges.

**II. Individual charges****Landing charges (based on MTOM)****Art. 13 Obligation**

For each LDG, there shall be a charge payable in accordance with the MTOM of the ACFT.

Missed APCFs shall be invoiced as landing with exception of handling fees (fully waived) and landing fee (50% waived) due to RWY occupancy.

**Art. 14 Basis of calculation**

The MTOM shall correspond to the information contained in the ACFT's Airworthiness Certificate.

**Art. 15 Charge rates**

The rates are listed in [GEN 4.1 - Annex 1](#).

**Art. 16 Special forfeit for Training and Qualification flights**

MTOM (tonnes)	NR of Landing	Daily forfeit*
	Quantity	CHF
< 3	1-2	official fares applied
	3	
	4-5	
3 up to 7	1-2	600.00
	3	850.00
	4-5	1000.00
7 up to 10	1-2	700.00
	3	950.00
	4-5	1200.00
10 up to 22	1-2	800.00
	3	1100.00
	4-5	1500.00
>22	1-2	900.00
	3	1250.00
	4-5	2000.00

\*The following charges are included in the forfeit: airport landing tax, fire-brigade taxes, gas emission tax, noise tax and winter tax.

Landings and approaches are allowed during the airport's standard operating and opening hours.

For the forfeit tariff to be applicable the FPL must include at the time of submission the remark "Training or Qualification flight" or be listed as an "X" flight. The forfeit tariff cannot be applied retroactively.

### Noise surcharge on landing charge

#### Art. 17 Obligation

For each LDG, there shall be a surcharge calculated on the LDG charge due, payable in accordance with the noise level of the ACFT.

#### Noise classes

#### Art. 18 a) Jet-engine aircraft

Jet-propelled ACFT shall be assigned to one of the noise classes I to V. The class assignment is published in [GEN 4.1 - Appendix A](#)

#### Art. 19 Noise surcharge rates

The amount of the noise surcharge is:

Noise class	Noise charge CHF (excl. VAT)
I	1000.--
II	600.--
III	400.--
IV	200.--
V	80.--

#### Art. 20 b) Propeller-driven aircraft not exceeding 8618 kg MTOM

The assignment of propeller-driven ACFT with a MTOM not exceeding 8618 kg into one of the noise classes A to D corresponds to the classification established by FOCA. The decisive factor in this regard is the difference between the mandatory noise level limits in accordance with ICAO Annex 16 and the measured noise level of the ACFT type corrected using the PER correction factor.

#### Art. 21 Assignments to the noise classes

ACFT registered in Switzerland are assigned to the classes mentioned below in accordance with the Swiss Aircraft Register. ACFT registered abroad are classified in accordance with Appendix B to the tariff regulations for public APs in Switzerland (Noise classification for propeller-driven ACFT without special sound-proofing, ref. [GEN 4.1 - Appendix B](#)).

#### Art. 22 Noise surcharge rates

The amount of the noise surcharge per tonne or part thereof is:

Noise class	Noise charge CHF (excl. VAT)
A	20.--
B	15.--
C	10.--
D	no surcharge

#### Art. 23 Surcharge on Saturday, Sundays and local holidays

For LDGs on SAT, SUN and local HOL, the noise surcharge is increased by 50% for:

- all ACFT
- in addition from 0600-0700 (0500-0600) / 1100-1230 (1000-1130) / 1900-2100 (1800-2000)

Between 2101-0559 (2001-0459), the noise charge is increased by 100% for all ACFT.

#### Art. 24 New and modified aircraft

In the event that a party liable to pay the charges submits a claims for a more advantageous classification, it shall provide evidence to Lugano AP Authority by submitting appropriate documentation within 60 days of the date on which the claim is made.

#### Art. 25 Refund

If the evidence required is provided on time, Lugano AP Authority shall refund the excess surcharge paid during the 60-day period.

#### Emission-related landing charges (WEF 01 APR 2010)

#### Art. 26 Principle

An EM-related LDG surcharge is applied to all ACFT equipped with a combustion engine and that are subject to a WT-based LDG charge. The EM charge is based on the absolute EM characteristic of the engine, as described in the FOCA Directive "Aircraft Engine Emission Charges in Switzerland" (Reference 33-05-27).

**Art. 27 Aircraft with turbofan, turbojet or turboprop engines with emission data available to FOCA**

ACFT equipped with turbofan, turbojet or turboprop engines that are:

- regulated under the ICAO Annex 16, Volume II, or
- not regulated, but have detailed EM data for the LDG-TKOF (LTO) cycle AVBL to FOCA,

are subject to the EM calculation, as specified in ECAC Recommendation 27/4. Specifically, the following EM calculation formula applies:

$$\text{EmissionValueAircraft} = a * \# \text{Engines} * \sum_{LTO\text{-modes}} (60 * \text{time} * \text{fuelflow} * NOx_{\text{Emissionfactor}} \div 1000)$$

where:

$a = 1$  if the characteristic certification LTO Hydrocarbon emissions per rated thrust (HC Dp/Foo) is less than or equal to the current ICAO standard of 19.6 g/kN rated thrust or for unregulated engines.

$a > 1$  if the characteristic certification LTO Hydrocarbon emissions per rated thrust (HC Dp/Foo) is greater than the current ICAO standard.

$a = HC \text{ Dp/Foo} / 19.6$ , with a maximum value for 'a' of 4.0

LTO-Modes: ICAO Certification LTO Modes:

Mode	Time (in minutes)
Take-off	0.7
Climb/out	2.2
Approach	4.0
Taxi/Idle	26.0

# Engines: number of engines fitted to the aircraft

Time: time in mode (see above) (in minutes)

Fuelflow: fuel flow per mode (in kg/sec)

$NOx_{\text{Emissionfactor}}$  Measured NOx-Emission factor per mode (in g/kg fuel)

EM factors and fuel flow for the four modes and the hydrocarbon certification value are taken from the ICAO engine database (regulated engines). EM data for unregulated engines are taken from the FOCA and FOI EM database. The FOCA website provides additional information:

[www.bazl.admin.ch](http://www.bazl.admin.ch) -> For Specialists -> Environment

**Art. 28 Aircraft with piston engines, helicopter and aircraft with engines without emission data available to FOCA**

ACFT equipped with:

- piston engines
- rotary wing engines
- any other engine without EM data AVBL to FOCA

are also subject to an EM charge. Specifically, they are assigned an EM value derived from the type, PER and number of engines fitted to the ACFT, as detailed in Table1.

Table 1: FOCA Aircraft Emission Value Matrix

# Eng	Piston: Turbodiesel Microlight Ecolight	Piston: Conventional	Piston: Conventional	Piston: Conventional	Helicopter	Helicopter	Business- Jets	Business- Jets	Turbo- props
		up to 200 hp	200-400 hp	>400 hp	<1000 shp	>1000 shp	(<16 kN)	(>16 but <26.7 kN)	
1	0.1	0.2	0.4	0.5	0.2	0.7	0.5	1.0	0.8
2	0.2	0.4	0.8	1	0.4	1.4	1.0	2.0	1.6
3	-	0.6	1.2	1.5	-	2.1	1.5	3.0	2.4
4	-	0.8	1.6	2	-	2.8	-	-	3.2

**Art. 29 Emission tariff**

The applicable tariff is CHF 3.40 per Emission Value<sub>Aircraft</sub>

### Passenger charge

#### Art.30 Obligation

Subject to Art. 31, a charge shall be payable for each passenger who is transported by an ACFT that takes off from the AP.

#### Art. 31 Passenger charge rates

Charges	Passenger	Security	Noise	PRM	Total Charge
a. for general aviation traffic per passenger	CHF 19.00	-	CHF 1.00	-	<b>CHF 20.00</b>
b. for scheduled and charter traffic per passenger	CHF 24.00	CHF 16.50	CHF 1.00	CHF 1.00	<b>CHF 42.50</b>
c. for transit scheduled and charter traffic per passenger	CHF 9.50	CHF 5.50	CHF 1.00	-	<b>CHF 16.00</b>

#### Art. 32 Exemptions

No charge shall be levied in the cases of:

- infants up to the age of two
- passengers in direct transit
- passengers on local FLTs
- ACFT crew members who, not requiring a ticket, are transported to another AP for purpose of service on a FLT from that AP (dead heading)

### Parking charge

#### Art. 33 Obligation

A parking charge shall be applied for ACFT parking between LDG and TKOF.

#### Art. 34 Basis of calculation

Basis of calculation of the charges is:

- MTOM (according to [Art. 14 Basis of calculation](#))
- DUR of the parking period

#### Art. 35 Parking rates

Parking rates are contained in [GEN 4.1 - Annex 2](#).

#### Art. 36 Assignment of the parking positions

Lugano AP Authority assigns the parking PSN based on an assumed DUR.

### Cargo charges

#### Art. 37 Obligation

This charge is levied for cargo:

- arriving at the AP (import) via air transport or road vehicle
- loaded/unloaded by AP personnel, whether on ARR (import), or transit (transit) or on DEP (export).

The determining factor for cargo charges is the gross WT.

The charges have to be paid by the air transport carrier to Lugano AP Authority.

#### Art. 38 Arriving cargo charge (import)

The charge amounts to CHF -.05 per kg or part of it.

#### Art. 39 Cargo transportation charge

The charge amounts to CHF -.07 per kg of cargo transported by the staff of Lugano AP Authority from an ACFT to another (transit), or respectively from an ACFT to the zone reserved for the deposit of goods and vice versa (import-export).

#### Art. 40 Cargo storage charge

A charge for the storage of cargo is levied in accordance with a tariff published separately by the cargo agent.

### Operating time surcharge

#### Art. 41 Obligation

For each movement (LDG or TKOF), a special charge is levied according to the operating time.

#### Art. 42 Rates

Refer to the current document: "General Aviation Handling Charges & Service"

### Fuel and lubricant prices

#### Art. 43 Charges

The official fuel prices are published monthly.

### Ground handling charges - basic handling

#### a) Scheduled and charter flights

##### Art. 44 Obligation

The operator of an ACFT of scheduled or charter traffic is obliged to pay a charge for the services rendered by Lugano AP Authority for every rotation (one ARR and one DEP or vice versa). Movements for instruction or technical reasons, or ferry FLTs are exempt from this charge.

##### Art. 45 Rates

The list of handling rates is published on the Lugano AP Internet site: <http://www.luganoairport.ch>. Refer to the current document: "Scheduled and Charter Traffic Tariffs".

##### Art. 46 List of main services

Ground handling consists of the following main services:

- marshalling of ACFT to and from the parking PSN
- loading, unloading and transport of baggage
- transport of passengers by motor vehicle (on demand)
- general cleaning of passenger cabin of the ACFT
- stand-by of fire fighting services
- accompanying of and assistance to passengers
- check-in operations

#### b) General aviation flights

##### Art. 47 Obligation

The operator of a commercial or private traffic ACFT over 3000 kg MTOM is due to pay a charge for the services rendered by Lugano Airport SA or the Handling Agent for every rotation (one ARR and one DEP or vice versa).

##### Art. 48 Rates

The amount of the base handling flat rate charge for ACFT, relating to its MTOM, is published on the Lugano AP Internet site: <http://www.luganoairport.ch>. Refer to the current document: "General Aviation Handling Charges and Service".

## III. Special charges

### Art. 49 Ground handling charges - special handling on demand

Lugano AP Authority levies charges for any special services not covered by [Art. 46 List of main services](#) and [Art. 48 Rates](#), and ordered by the ACFT operator.

### Art. 50 Hangar parking

In case of AVBL space in hangar, Lugano AP Authority gives priority to ACFT operators with annual contracts and successively to those that normally have their ACFT stationed on the AP area.

Lugano AP Authority may allow other competent organisations to handle ACFT parking.

### Art. 51 Winter surcharges

The winter operation surcharge will be charged for every LDG General Aviation FLTs from 01 NOV to 30 APR, irrespective of the fact that effective de-icing / anti-icing has taken place or not.

For the month of April, the winter surcharge may be waived depending on weather condition.

Aircraft	up to 3 tonnes	CHF	10.00
Aircraft	up to 7 tonnes	CHF	18.00
Aircraft	up to 16 tonnes	CHF	23.00
Aircraft	above 16 tonnes	CHF	30.00

### Art. 52 De-icing charges

Flat fee charge per service for General Aviation ACFT. De-icing fluid / hot water mixture CHF 6.50 per litre sprayed.

Aircraft	up to 7 tonnes	CHF	320.00
Aircraft	up to 16 tonnes	CHF	430.00
Aircraft	above 16 tonnes	CHF	720.00

**IV. Concluding provisions****Art. 52 Date of validity**

These tariff regulations are valid as from 01 JUL 2025.

**GEN 4.1 - Annex 1**

List of the LDG charges

**GEN 4.1 - Annex 2**

List of the parking charges

**Annex 1**

Annex 1				
Landing charge based on the MTOM of aircraft				
Class	Maximum Take-Off Mass in kg			CHF
0	up to		1000	21.00
1	from	1001	to 1500	32.00
2	from	1501	to 2000	48.00
3	from	2001	to 3000	68.00
4	from	3001	to 4000	76.00
5	from	4001	to 5000	89.00
6	from	5001	to 6000	99.00
7	from	6001	to 7000	112.00
8	from	7001	to 8000	123.00
9	from	8001	to 9000	137.00
10	from	9001	to 10000	147.00
11	from	10001	to 11000	161.00
12	from	11001	to 12000	170.00
13	from	12001	to 13000	184.00
14	from	13001	to 14000	194.00
15	from	14001	to 15000	208.00
16	from	15001	to 16000	217.00
17	from	16001	to 17000	231.00
18	from	17001	to 18000	245.00
19	from	18001	to 19000	258.00
20	from	19001	to 20000	272.00
21	from	20001	to 21000	286.00
22	from	21001	to 22000	299.00
23	from	22001	to 23000	313.00
24	from	23001	to 24000	327.00
25	from	24001	to 25000	340.00
26	from	25001	to 26000	354.00
27	from	26001	to 27000	368.00
28	from	27001	to 28000	381.00
29	from	28001	to 29000	395.00
30	from	29001	to 30000	408.00
31	from	30001	to 31000	422.00
32	from	31001	to 32000	435.00
33	from	32001	to 33000	448.00
34	from	33001	to 34000	462.00
35	from	34001	to 35000	476.00

Annex 1				
Landing charge based on the MTOM of aircraft				
Class	Maximum Take-Off Mass in kg			CHF
36	from	35001	to	36000
37	from	36001	to	37000
38	from	37001	to	38000
39	from	38001	to	39000
40	from	39001	to	40000
41	from	40001	to	41000
42	from	41001	to	42000
43	from	42001	to	43000
44	from	43001	to	44000
45	from	44001	to	45000
46	from	45001	to	46000
47	from	46001	to	47000
48	from	47001	to	48000
49	from	48001	to	49000
50	from	49001	to	50000
51	from	50001	to	51000
52	from	51001	to	52000
53	from	52001	to	53000
54	from	53001	to	54000
55	from	54001	to	55000
56	from	55001	to	56000
57	from	56001	to	57000
58	from	57001	to	58000
59	from	58001	to	59000
60	from	59001	to	60000

## Annex 2

Annex 2					
Parking charge based on the MTOM of Aircraft					
Class	Maximum Take-Off Mass in kg			Parking Charges	
				CHF / hr <sup>1)</sup>	CHF / day
				(excl. VAT)	
0	up to	1000		3.00	30.00
1	from	1001	to	3.50	35.00
2	from	1501	to	4.00	40.00
3	from	2001	to	4.50	45.00
4	from	3001	to	5.00	50.00
5	from	4001	to	5.50	55.00
5 - 10	from	5001	to	10.00	110.00
10 - 15	from	10001	to	14.00	160.00
15 - 20	from	15001	to	16.00	200.00
20 - 25	from	20001	to	18.00	250.00
25 - 35	from	25001	to	25.00	300.00
35 - 45	from	35001	to	30.00	400.00
from 45	from	45001	to	-	400.00
RMK: 1)		More than 12 hours - daily charge.			

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