



EASY FTL

EASy FTL is an application designed for pilots, flight dispatchers and anyone involved in Flight Operations. Any question or comment, feel free to send me an email hgiraud@flight-office.com

8:09

Max FDP computation

Crew & Aircraft

2 pilots | 3 pilots | 4 pilots

Class A Crew Rest

Crew are acclimatized

Mission profile

Number of sectors

1 to 3 | 4 to 6

Start of FDP

07:00 loc to 21:59 loc | 22:00 loc to 06:59 loc

Extended FDP

Split Duty

Break duration

Unforeseen Circumstances

Max 2 hours

Maximum FDP (hours) *

Schedule

From

To

FDP | ETD / ETA

Max FDP | Flight Planning & Rest | Acclimatization | Settings

Max FDP

There is 2 different parts.

The 1st one will compute your maximum FDP based on several parameters :

- Crew Rest (not available if 2 Pilots is selected)
- Crew acclimatization
- Number of sectors to be flown
- Start time of FDP
- Extended Duty
- Split Duty
- Unforeseen circumstances

Changing any of these parameters automatically updates your maximum FDP.

Maximum FDP (hours) *

Schedule

From LE BOURGET
PARIS

To DON MUEANG INTL
BANGKOK

FDP | ETD / ETA

	Start of FDP	End of FDP
GMT	<input type="text" value="21/08/2020 09:18"/>	<input type="text" value="21/08/2020 23:18"/>
LOC	<input type="text" value="21/08/2020 11:18"/>	<input type="text" value="22/08/2020 06:18"/>

Notes

FDP ≥ 12 hours :
-2 consecutive FDP ≥ 12 hours must be followed by a minimum rest of 36 hours including 2 local nights

Each time a red star * appears, there is a note at the bottom of the page providing some information and/or limitation

In the 2nd part you can indicate a routing.

IMPORTANT :

There is no need to enter multiple legs. If you intend to fly 3 legs within the same FDP, indicate the first airport in FM text field and the last airport in TO text field.

Intermediate airports are useless for FTL computation.

Once airports have been entered, you can enter any date/time, selecting wether FDP or ETD/ETA.

Based on the date/time you indicate, other fields are automatically computed. To get Local times (loc), EASy FTL uses your iOS DST database so there is no need to update any specific database on a regular basis.



EASY FTL

Start of FDP

07:00 loc to 21:59 loc

22:00 loc to 06:59 loc

	FDP	ETD / ETA
	Start of FDP	End of FDP
GMT	21/08/2020 09:18	21/08/2020 21:18
LOC	21/08/2020 11:18	22/08/2020 04:18

Check START OF FDP section above

In case date/times are not compliant with the Start of FDP section, text will turn orange to highlight this discrepancy. You then need to change the Start of FDP timeframe or modify the date/time in the schedule section.

Distance & Flight time computation

There is 3 different parts.

Using the 1st one you can compute a distance and a flight time between 2 airports.

If a routing was previously entered in Max FDP, then origin and destination airports are automatically populated in this page.

If you don't know the ICAO code, click on the search icon and you will be able to retrieve your airport by airport name, city name or IATA code.

As the distance is a great circle, it could be useful applying a factor to get a more realistic distance.

You can apply a wind component, which will then adjust the flight time too.

Clicking on the settings icon next to Flight Time, you will be able to modify ISA conditions.

There is another parameter, allowing you to take into account an additional time to compensate climb and descent phases of flight.

Distance & Flight time

From LE BOURGET
PARIS

To DON MUEANG INTL
BANGKOK

Distance (Ground) ---

Distance (Air) ---

Block time Manual 10:55

Wind Comp. (kt) ---

Increase dist. by (%) ---

Next to Block time you have a switch button, swapping between Auto and Manual.

In Auto position, the Block time will be automatically calculated.

In Manual position you can indicate the Block time you want to consider.

8:13 📶 🔋

Flight Planning & Rest

Distance & Flight time

From LE BOURGET
PARIS

To DON MUEANG INTL
BANGKOK

Distance (Ground) **5,239** Nm

Distance (Air) **4,984**

Block time Auto Manual **10:35** Mach 0.85

Wind Comp. (kt) **25** Tailwind

Increase dist. by (%) **3**

Schedule

ETD	ETA
GMT 25/08/2020 04:10	GMT 25/08/2020 14:45
LOC 25/08/2020 06:10	LOC 25/08/2020 21:45

WOCL is impacted * Night Duty 6 Time Zones

FDP **12:35**

Acclimatized

TZ ref

Extended Duty

Minimum Rest (hours)

+ From previous duty (minutes) 0

Reduced **12:35**

Next duty from GMT **26/08/2020 03:50**

LOC **26/08/2020 10:50**

Max FDP
 Flight Planning & Rest
 Acclimatization
 Settings



EASy FTL

IMPORTANT :

There is no need to enter multiple legs. If you intend to fly 3 legs within the same FDP, indicate the first airport in From text field and the last airport in To text field.

Intermediate airports are useless for FTL computation.

Moreover, in case of multiple legs the Block time must be indicated in Manual mode and calculated from the beginning of the first leg to the end of the last leg.

Example with 3 legs as follows (UTC times) :

LFPB 05:00 – 06:20 LFMN (Block time = 01:20)

LFMN 07:00 – 13:00 OMDW (Block time = 06:00)

OMDW 14:00 – 21:00 LFPB (Block time = 07:00)

Even though total Block time = 14:20, you need to indicate the Block time from 05:00 to 21:00, which is 16:00

Schedule

Schedule	
ETD	ETA
GMT 25/08/2020 04:10	25/08/2020 15:05
LOC 25/08/2020 06:10	25/08/2020 22:05
WOCL is impacted * Night Duty	6 Time Zones
FDP	12:55

As for airports, in case a schedule was previously indicated in Max FDP, data will be automatically populated in this 2nd part..

Of course you can still modify this schedule...

Each time you change any of date/time, other date/time fields are calculated automatically.

Each time a red star * appears, there is a note at the bottom of the page providing some information and/or limitation

In case the WOCL is impacted and/or a Night Duty is detected, it will be indicated for your information.

The difference of Time Zones between the 2 entered airports is also indicated.

As this value is important for the Rest computation, that's why in case of multiple legs you need to enter the first airport in From text field and the last airport in To text field.

FDP	14:07	Check Max FDP
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Check Max FDP means that on Max FDP page, based on submitted parameters the Max FDP allowed was lower than the one provided there (14:07)

So you may want to check Max FDP page and review your parameters.



EASy FTL

FDP **15:09** [Check Max FDP](#)

15:09 (orange color) means that your FDP is above the Warning value set in Settings :

Warnings

In case FDP ≥ **15:00**

In case FDP ≥ **16:00**

So in that case our FDP value is orange because it's above 15:00 and we have the **Check Max FDP** because 15:09 is above the value computed in Max FDP page.

The 3rd part is used to calculate the Minimum Rest following your FDP :

Acclimatized TZ ref **LFPB** **Extended Duty**

Minimum Rest (hours)

+ From previous duty (minutes) **0**

Reduced **15:09**

Next duty from **GMT** **26/08/2020 23:24**

LOC **27/08/2020 07:24**

By default, it is assumed that you were already acclimatized to your origin airport.

However, in case you were acclimatized to another Time Zone, switch the button OFF and indicate the airport you are acclimatized with.

In case Extended switch button were set to ON in Max FDP page, this one will be ON also. Of course you can always switch it OFF if you want to...

In case your previous Rest was not complete and you need to add some additional time, you can indicate this additional time (in minutes).

In case a Reduced Rest is allowed, the switch button will be enabled.

Each time you modify any of these parameters, the Minimum Rest is updated.

Based on this value, you know from when your next FDP can start in GMT and Local times.



EASY FTL

11:23📶 🔋

Acclimatization

Routing

From LE BOURGET
PARIS

To SELETAR
SINGAPORE

Time Zone(s) difference

7

Start of FDP at LFPB

GMT

LOC

Time for acclimatization

3 days and half

Acclimatized at WSSL starting from

GMT

LOC

WOCL timeframes at WSSL

GMT <input type="text" value="27/08/2020 02:00"/>	GMT <input type="text" value="27/08/2020 05:59"/>
LOC <input type="text" value="27/08/2020 10:00"/>	LOC <input type="text" value="27/08/2020 13:59"/>
GMT <input type="text" value="28/08/2020 04:00"/>	GMT <input type="text" value="28/08/2020 07:59"/>

Max FDP Flight Planning & Rest Acclimatization Settings

Acclimatization

In case there is a difference of Time Zone between your departure and destination airports, you may need some time to be considered as acclimatized.

Moreover, the WOCL will shift by 2 hours after each 24 hours on zone.

This page will calculate these infos and provide you all shifted WOCL timeframes until you are considered as fully acclimatized.

If a routing and/or schedule was already set on previous pages, then corresponding data are automatically populated on this page too. In that case you have nothing to do 😊

Otherwise, indicate your routing and date/time of the beginning of your FDP. That's it !