



USER MANUAL

Reset Check List	
FLIGHT PLANNING	
Flight Plan Codes and planning documents	í
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🗹 Equal Time Points (ETP) - plot	í
EDTO (ETOPS) – Complete analysis	í
Track message	í
Weather Analysis	í
Calculation = Checklist i Quick reference	Briefing

NAT HLA Helper

By efb.solutions

11:00	奈 🔲
Reset Check List	
FLIGHT PLANNING	
Flight Plan Codes and planning documents	
Plotting/Orientation Chart	
Equal Time Points (ETP) - plot	
EDTO (ETOPS) – Complete analysis	
Track message	
Weather Analysis	
Review navigation aids	
Review contingency procedures	
PREFLIGHT	
Master Clock	
Maintenance Log	
RVSM Altimeter checks	
Operational Flight Plan (OFP) vs ATS Flight Plan	
Dual LRNS for remote oceanic operations	
LIRCS (HE SATCOM) check	<u>(j)</u>
Calculation Checklist Quick reference	Briefing

Introduction

NAT HLA Helper is the essential assistant on you way over Atlantic. This crowded and everyday changing environment requires a lot of attention from you. NAT HLA Helper was designed by pilot who cross Atlantic every week for pilots to simplify these operation and bring a little more safety to your flights.

<u>Efb.Solutions</u> are always happy to answer any of you questions. Contact us by email <u>support@efb.solutions.com</u>

Features

With NAT HLA Helper you can:

- Calculate true courses and distances between any two oceanic points
- Follow reach-featured Oceanic checklist with comments on each point
- Automatically set timers for important operations (like clear squawk or verify your position)
 - Access comprehensive quick info library
 - Get the Met brief for the main alternates
 - Use tailored checklist or company library

Route calculator

On this page you can calculate true courses between any two oceanic points. Just copy your flight plan into route window and press enter. Outbound and inbound course for each leg will be calculated as well as distance between each points.

Following formats are accepted:

- 5-letters FMS like ARINC 424 code (4030N, 2040S, 30W30, H3030, etc)
- Full coordinates without spaces (N4530.5E03030.5)
- Point name (FIVZE, ZZTOP). Note that only oceanic points are accepted.

You can print or save results with buttons below the calculations.

10:57		····· (?)
4030N 2040 N4530.5E03	0S 30N30 8030.5 FIVZE :	ZZTOP
From: 4030N 118°	To: 2040S 134°	Distance 5306 NM
From: 2040S 321°	To: 30N30 223°	Distance 9999 NM
From: 30N30 014°	To: N4530.5E03030.5 163°	Distance 6163 NM
From: N4530.5E03030.5 289 °	To: FIVZE 227°	Distance 4379 NM
From: FIVZE 310°	To: ZZTOP 303°	Distance 885 NM
Print		
Calculation C	E Gi	ence Briefing

Oceanic checklist

You can use b basic ICAO or company tailored checklist.

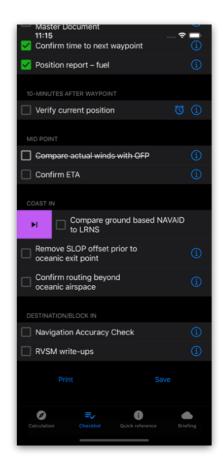
To mark checklist item - just press on it. Green checked mark will appear ahead of this item.

To get more information on item - press blue rounded 🖤 more info button. Quick note on this item will appear.

You can skip item by swipe it to left to right - by long swipe or by short swipe and select purple button. To unskip item - make right-to-left swipe. Make it long to unskip instantly or make it short and press green button on the right side. If you mark this item as checked - it will be unskilled as well and marked as checked.

Some items may contain timers. In this case you will see timer icon on the right side. Press this button to start timer. At predefined amount of time (e.g. 30 minutes for setting squawk 2000) you'll get notification with sound even if you screen will be locked. Press this notification to open NAT HLA Helper and complete required action. Timer icon will be blue for not started, green for started and red for expired timers.

As on other pages - on the bottom of checklist you can find buttons to print or save filled checklist.



Quick Info

On this section you will find a comprehensive set of the very condensed information about procedures and regulations in the NAT HLA region. If you use tailored information - you will see two sections and tailored data will be on top.

Otherwise you will see only General Information section.



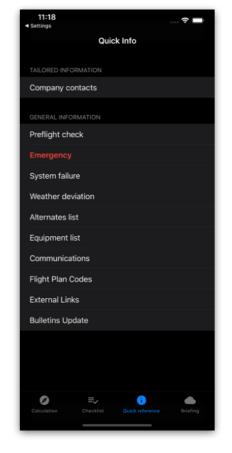
System failure

1. If Oceanic clearance recieved:

Fly the clearance to landfall

2. If NO oceanic clearance recieved:





Met Briefing

On this section you will find quick meter briefing for the most popular diversion alternates in the NAT region.

The following information is provided for each airport:

- Runway information for the best runway (best minima/longest)
- METAR
- TAF

You can save or print this information by pressing appropriate button on top navigation bar.

11:22 ◄ Settings		🔶 🔲
	Met Briefing	
EGPK		
12/30 9797".	200x550	
EGPK 02195 08/05 Q1021	0Z 00000KT 9999 S0 1	CT035
FEW035 BEO	21703Z 0218/0318 28 CMG 0306/0310 1301 000 RA BKN014	
EINN		
24 10495' 20	00x550	
EINN 02200 10/06 Q1021	0Z 12010KT 9999 BK NOSIG	N039 BKN170
FEW020 BKI BECMG 030 0309/0311 1 BECMG 0314	1700Z 0218/0318 140 N040 BECMG 0302/0 6/0308 14022G33KT 4030G46KT 5000 -R 4/0316 21025G40KT 000 BKN008 BECMG 20	304 12015KT BECMG A BKN010 TEMPO
EIDW		
10/00 0050	CAT3	
10/28 8652'		
EIDW 02200	0Z VRB01KT 9999 FE 06 Q1022 NOSIG	W025

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Settings



To change NAT HLA Helper Setting go to the System settings and choose NAT HLA Helper in the menu on the left side.

On this page you can:

- Change notifications sound
- Prohibit application from downloading updates from server (not recommended)
- Reset application to default content on the next start all content will be reset to default
 - Change you login and password for tailored information
 - Check version and bundle number

• Update system policy on notifications, Siri and background refresh. We recommend you to allow notification for correct checklist usage and keep background refresh on to get latest updates from our servers.

11:17 📖 🕈 🗖
Settings NAT HLA Helper
ALLOW NAT HLA HELPER TO ACCESS
😽 Siri & Search >
Banners, Sounds, Badges
😥 Background App Refresh
NAT HLA HELPER SETTINGS
Notification sound Khm-khm >
Download updates from server
Reset to default content
TAILORED CHECKLIST
Login test@efb.solutions
Password •••••
APP INFO
Version 1.4
Bundle ID 15
Support info@efb.solutions

Troubleshooting

In case you are experiencing some trouble with efbForms do not hesitate to mail us to <u>support@efb.solutions</u> with the following info:

Describe the problem

Report you login, if any (only login, DO NOT send us your password - otherwise we will be forced to block your account)

Please, note version and build of the application - you can find on the settings page (See above).

We will be happy to help you!

Suggestions

As you are flying everyday and your needs are most important for us - you comments, suggestions, ideas and thoughts on what can simplify you life are very welcomed any time!

Even if you think that your idea costs nothing or cannot be realized - let us now and one day we will implement it in our products to make your life easier and bring a little more safety to aviation!