

Lamama Presentatie 27-10-2025

G.Hageman & C. Wierda.



2025
Het is weer herfst

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G.Hageman & C. Wierda.

Vanavond

- SID&STAR/cruise route met LNM naar Flightplan,
- Flightplan in standaard vliegtuig MSFS-2020,
- Simbrief Flightplan in standaard vliegtuig,
- Simbrief Flightplan in PMDG/Fenix

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G.Hageman & C. Wierda.

Vanavond

-SID&STAR/cruise route met LNM naar Flightplan,

Maar eerst wat achtergrond en LNM-techniek

-Flightplan in standaard vliegtuig MSFS2020,

-Simbrief Flightplan in standaard vliegtuig,

-Simbrief Flightplan in PMDG/Fenix

Route en Flightplan



Waarom is een Flightplan nodig.

Een vliegplan is een document dat piloten indienen bij de luchtverkeersleiding met details over een geplande vlucht, zoals de route, hoogte, snelheid en vliegtuiggegevens. Het is verplicht voor vluchten naar of van een gecontroleerde luchthaven. Het is tevens een cruciaal veiligheidsinstrument om de verkeersleiding te helpen de drukte te reguleren en gevaarlijke situaties te voorkomen.

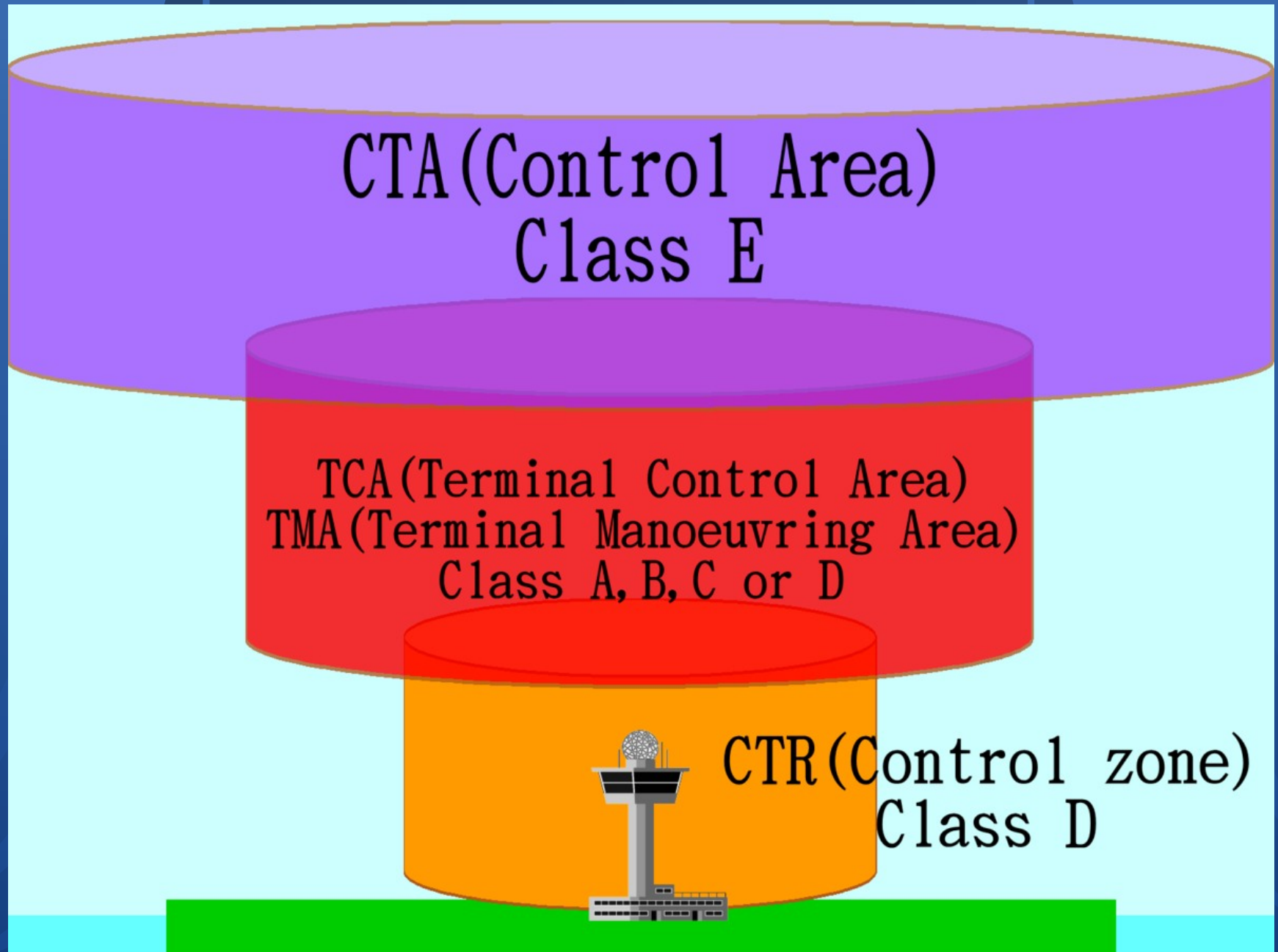
Route en Flightplan



Een route wordt samengesteld uit 3 fasen, Het vertrek (SID), route waypoints (cruise hight), en de daling. Deze 3 fasen zie je hier in een uitgewerkt voorbeeld, EGLL-EHAM. Tijdens een vlucht zijn er vaak meerdere Controle zone's die hun eigen verantwoordelijkheden hebben.

Er is geen "juiste route" maar wel company routes.
Elke route die geaccepteerd wordt door ATC is een correcte route al is het via Keulen...

FIR & TMA & CTR

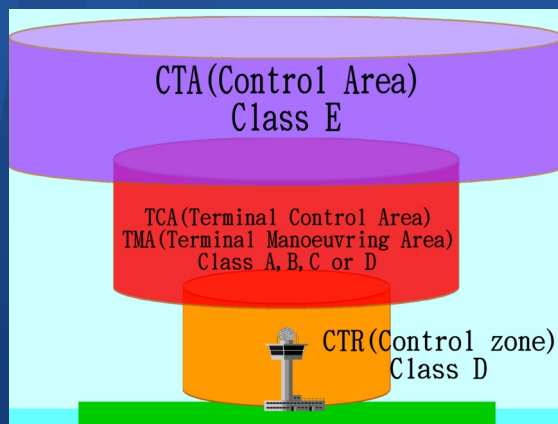


Indeling luchtruim FIR & TMA ?

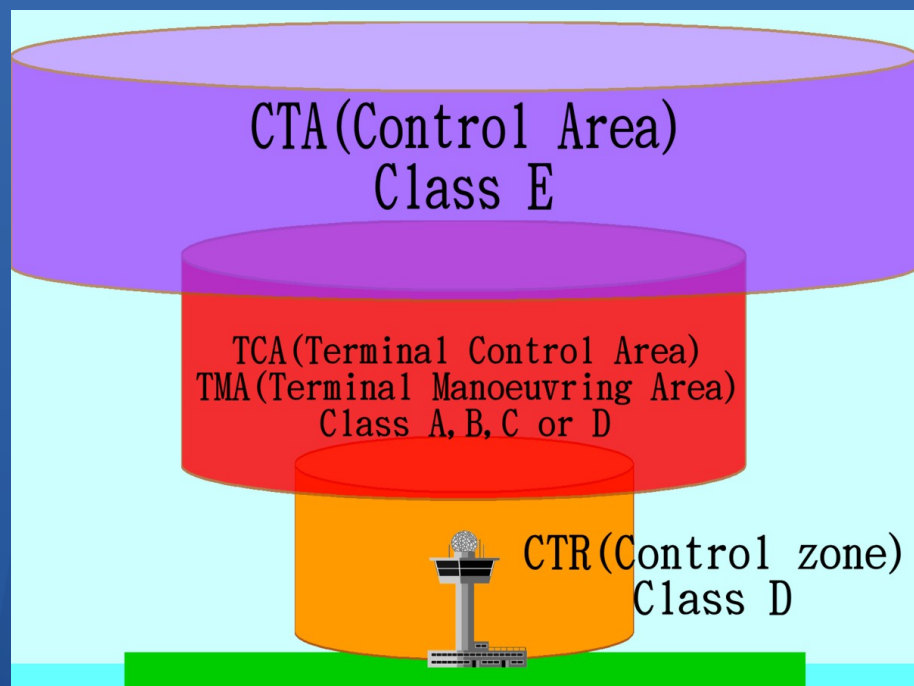
- FIR (Flight Information Region) (ook wel CTA) is een groot luchtruimgebied waarin één luchtverkeersdienst verantwoordelijk is voor vluchtinformatie en waarschuwingsdienst.

Het omvat zowel gecontroleerd als niet-gecontroleerd luchtruim binnen een land of regio.

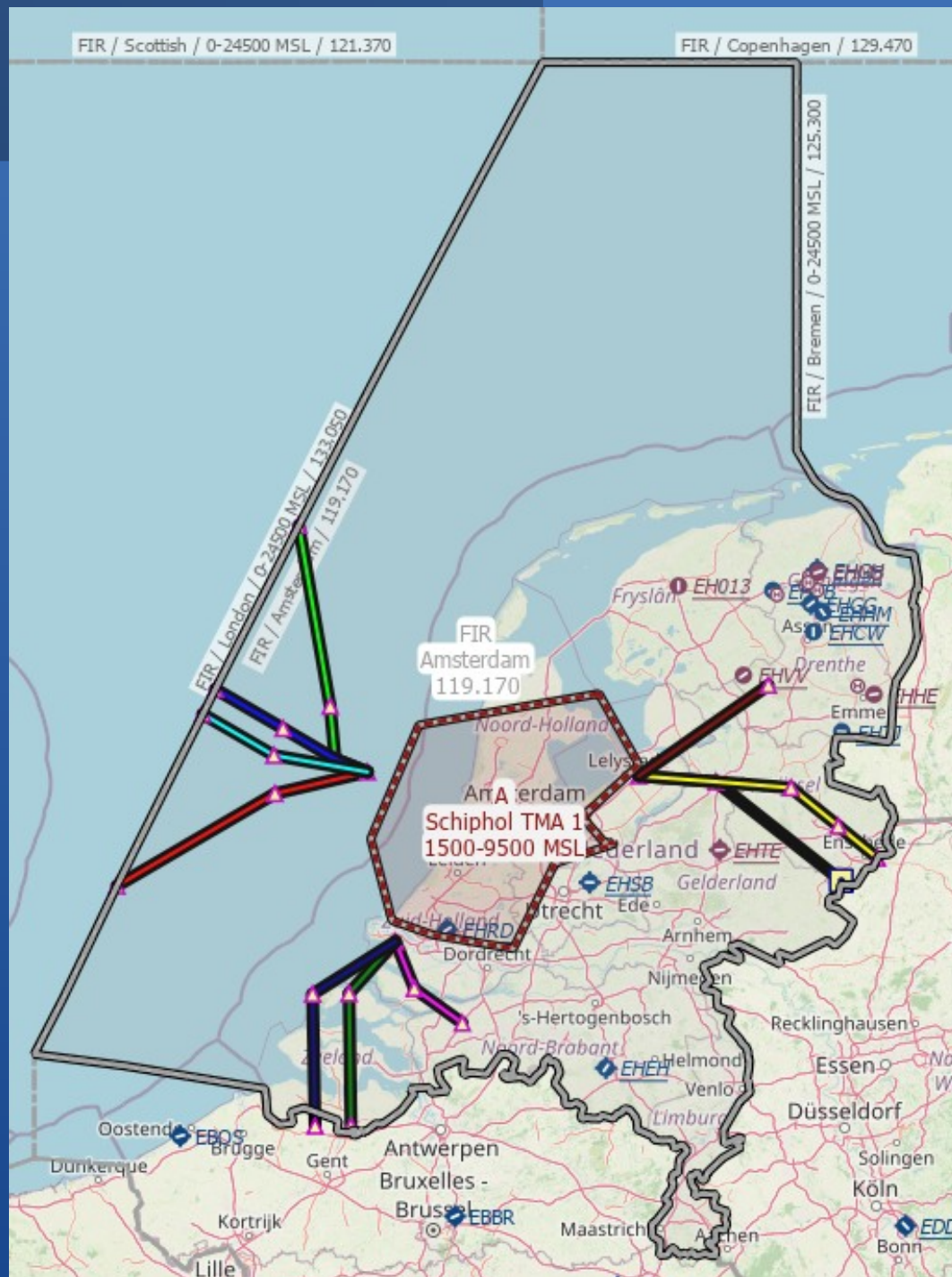
- TMA (Terminal manoeuvring Area) is het luchtruim rondom een of meer grote vliegvelden waar vertrekken en aankomend verkeer wordt gescheiden en geleid door luchtverkeerleiding.



FIR Nederland en TMA Schiphol



Zoals het in Nederland geregeld is.



SEARCH – in LNM: Procedures instellen

Hoe maak je een flightplan met behulp van Little Nav Map.

Het lijkt best ingewikkeld maar als je de basis begrijpt is het een “walk in the park”

Het “Search” venster met tab -Airports en -Procedures is essentieel voor flightplanning

Little Navmap 3.0.17 64-bit — MSFS 2020 / N 2510 — IFR Heathrow (EGLL) to Schiphol (EHAM).Inmpln — MSFS Boeing 737-8K2NGX KLM FL330.Inmperf

File Flight Plan Search Map View Weather Userpoints Logbook Aircraft Scenery Library Tools Window Help

Search

Airports X Nav aids X Userpoints X Logbook X Procedures X

Arrival and Approach All Runways Search

Schiphol (EHAM)
Wind prefers runways 36L, 36C and 36R. METAR source "NOAA".

Description	Ident	trics/a	First and last Waypoint	Course °M
STAR All	BLUF1A		BLUFA to ARTIP	
STAR All	DENU3A		DENUT to RIVER	
STAR All	HELE2A		HELEN to RIVER	
STAR All	LAMS2A		LAMSO to SUGOL	
STAR All	MOLI2A		MOLIX to SUGOL	
STAR All	NORK2A		NORKU to ARTIP	
STAR All	PESE3A		PESER to RIVER	
STAR All	REDF1A		REDFA to SUGOL	
STAR All	RKN2A		RKN to ARTIP	
STAR All	TOPP2A		TOPPA to SUGOL	
Approach RNAV 04 (3 transitions)	AM204 (R04)		NELFE to 04	
Approach ILS 06 (6 transitions)	AM609 (I06)		AM110 to 06	
Approach RNAV 06 (6 transitions)	AM609 (R06)		AM609 to 06	
Approach RNAV 09 (3 transitions)	AM223 (R09)		IFTAZ to 09	
Approach ILS 18C (7 transitions)	AM630 (I18C)		SIDNI to 18C	
Approach RNAV 18C (7 transitions)	AM630 (R18...)		AM630 to 18C	
Approach RNAV 18R (7 transitions)	AM621 (R18...)		AM621 to 18R	
Approach ILS 18R (7 transitions)	AM622 (I18R)		AM621 to 18R	
Approach ILS 22 (3 transitions)	AM650 (I22)		AM649 to 22	
Approach RNAV 22 (5 transitions)	AM661 (R22)		BLUSY to 22	
Approach RNAV 24 (3 transitions)	AM143 (R24)		ARWIN to 24	
Approach ILS 27 (3 transitions)	AM639 (I27)		TIDVO to 27	
Approach RNAV 27 (3 transitions)	AM639 (R27)		TIDVO to 27	
Approach ILS 36C (4 transitions)	AM632 (I36C)		OLGAX to 36C	
Approach RNAV 36C (4 transitions)	AM632 (R36...)		OLGAX to 36C	
Approach ILS 36R (5 transitions)	AM635 (I36R)		AM636 to 36R	
Approach RNAV 36R (4 transitions)	AM636 (R36...)		NEWCO to 36R	

Flight Planning

Flight Plan X Fuel Report X

21.000 ft

Heathrow (EGLL) to Schiphol (EHAM)
Distance 243 NM, time 0 h 36 m
Takeoff from 27L, 269°M, 3.660 ft
Arrive using STAR REDF1A via SUGOL
Land at 18R, 181°M, 183°T, 3.530 ft

	Ident
1	EGLL
2	RW27L
3	
4	
5	D257C
6	D278F
7	D304H
8	D325H
9	CHT
10	BPK
11	TOTRI
12	MATCH
13	BRAIN
14	GASBA
15	RATLO
16	REDF1A
17	SULUT
18	SUGOL
19	SUGOL (IAF)
20	NETOM
21	NIRSI
22	AM607

SEARCH – in LNM: Procedures instellen

Klik op dit
pictogram en
Search opent.



Search

Airports X NavAids X Userpoints X Logbook X Procedures X

Arrival (STAR) All Runways Search

Schiphol (EHAM)
Wind prefers runways 04, 06, 36L and 36C. METAR source "NOAA".

Description	Ident	trics/a	First and last Waypoint	Course °M
STAR All	BLUF1A		BLUFA to ARTIP	
STAR All	DENU3A		DENUT to RIVER	
STAR All	HELE2A		HELEN to RIVER	
STAR All	LAMS2A		LAMSO to SUGOL	
STAR All	MOLI2A		MOLIX to SUGOL	
STAR All	NORK2A		NORKU to ARTIP	
STAR All	PESE3A		PESER to RIVER	
STAR All	REDF1A		REDFA to SUGOL	
STAR All	RKN2A		RKN to ARTIP	
STAR All	TOPP2A		TOPPA to SUGOL	

Flightplan
maken, starten
met het
bepalen van
-Departure en
-Destination

Search

Airports X NavAids X

Ident, name, city, state, province,

eham

City

Any or no Gate

Any or no Ramp

ent

1 EHAM Schiphol

Rechts klik
EHAM

Vervolgens de aankomst EHAM kiezen:

Flight Planning

Flight Plan * X Fuel Report X Current P

10.000 ft

Heathrow (EGLL) to Schiphol (EHAM)

Distance 200 NM, time 0 h 28 m.

	Ident	or Tail	Name
1	EGLL	kts	Heathrow
2	EHAM		Schiphol

Klik op EHAM
ARRival

Rechter-Klik
op:
Airport
pictogram en
kies Show....

78T

Schiphol (EHAM)

10.105

Bos

Show Information for

- Set Airport Schiphol (EHAM) as Departure (is destination)
- Set Airport Schiphol (EHAM) as Destination (is destination)
- Add Airport Schiphol (EHAM) as Alternate (is destination)
- Select Departure Runway for Schiphol (EHAM)
- Select Destination Runway for Schiphol (EHAM)
- Show Arrival/Approach Procedures for Schiphol (EHAM)
- Show procedures for this airport

Flightplan LNM

Flightplan maken in vogelvlucht,

IFR flightplan:

1. bepaal departure & destination
2. bepaal de SID
3. bepaal de STAR & approach met transition
4. bepaal de route, de cruise waypoints
5. controleer je acties.
6. bewaar het gecreëerde flightplan met Multiexport flightplan



VFR flightplan:

1. bepaal departure & destination
2. bepaal de route waypoints
3. controleer bovenstaande
4. bewaar het gecreëerde flightplan met Multiexport flightplan



SID selectie op EGLL Heathrow

Een eenvoudige route van EGLL naar EHAM.
We kiezen EGLL als departure en vragen alle SID's. Standard instrument departure.
Een kluwen van SID's komt naar voren en dat kan beter....

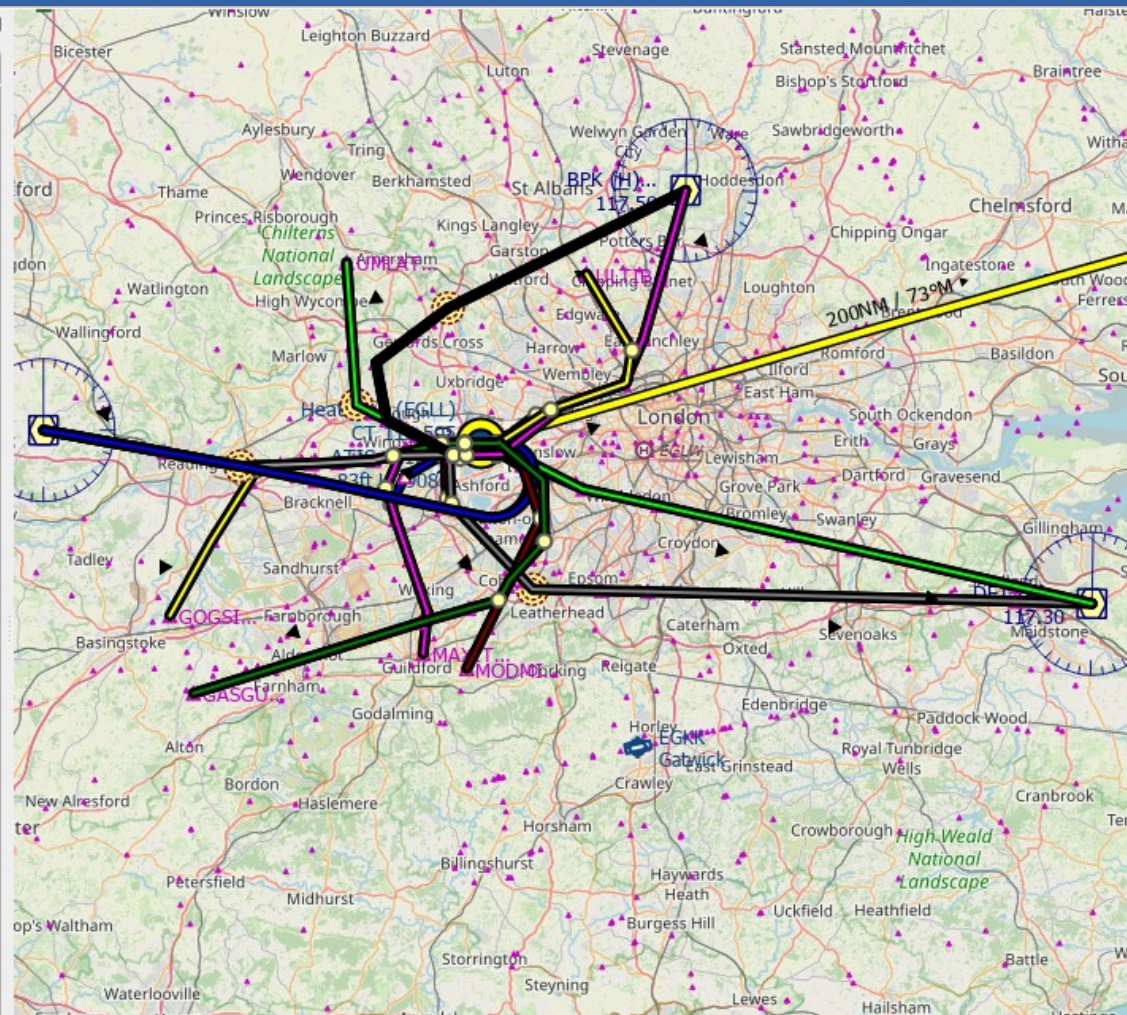
Search

Airports ✕ Nav aids ✕ Userpoints ✕ Logbook ✕ Procedures ✕

Departure (SID) ▾ All Runways ▾ Search

Heathrow (EGLL)
Wind prefers runways 09L and 09R. METAR source "NOAA".

Description	Ident	trics/a	First and last Waypoint	Course °M
▶ SID 09L	BPK5K		09L to BPK	
▶ SID 09L	CPT4K		09L to CPT	
▶ SID 09L	DET1K		09L to DET	
▶ SID 09L	GASG2K		09L to GASGU	
▶ SID 09L	MODM1K		09L to MODMI	
▶ SID 09L	ULTI1K		09L to ULTIB	
▶ SID 09R	BPK6J		09R to BPK	
▶ SID 09R	CPT5J		09R to CPT	
▶ SID 09R	DET1J		09R to DET	
▶ SID 09R	GASG2J		09R to GASGU	
▶ SID 09R	MODM1J		09R to MODMI	
▶ SID 09R	ULTI1J		09R to ULTIB	
▶ SID 27L	BPK7G		27L to BPK	
▶ SID 27L	CPT3G		27L to CPT	
▶ SID 27L	DET2G		27L to DET	
▶ SID 27L	GOGS2G		27L to GOGSI	
▶ SID 27L	MAXI1G		27L to MAXIT	
▶ SID 27L	UMLA1G		27L to UMLAT	
▶ SID 27R	BPK7F		27R to BPK	
▶ SID 27R	CPT3F		27R to CPT	
▶ SID 27R	DET2F		27R to DET	
▶ SID 27R	GOGS2F		27R to GOGSI	
▶ SID 27R	MAXI1F		27R to MAXIT	
▶ SID 27R	UMLA1F		27R to UMLAT	



SID selectie op EGLL Heathrow

Als de muis op VOR-BPK staat dan opent zich een pull down menu waarin alle SID's staan die hier uitkomen. Met kleuren worden de routes aangegeven. Maar het kan nog anders efficiënt....

Search

Userpoints X

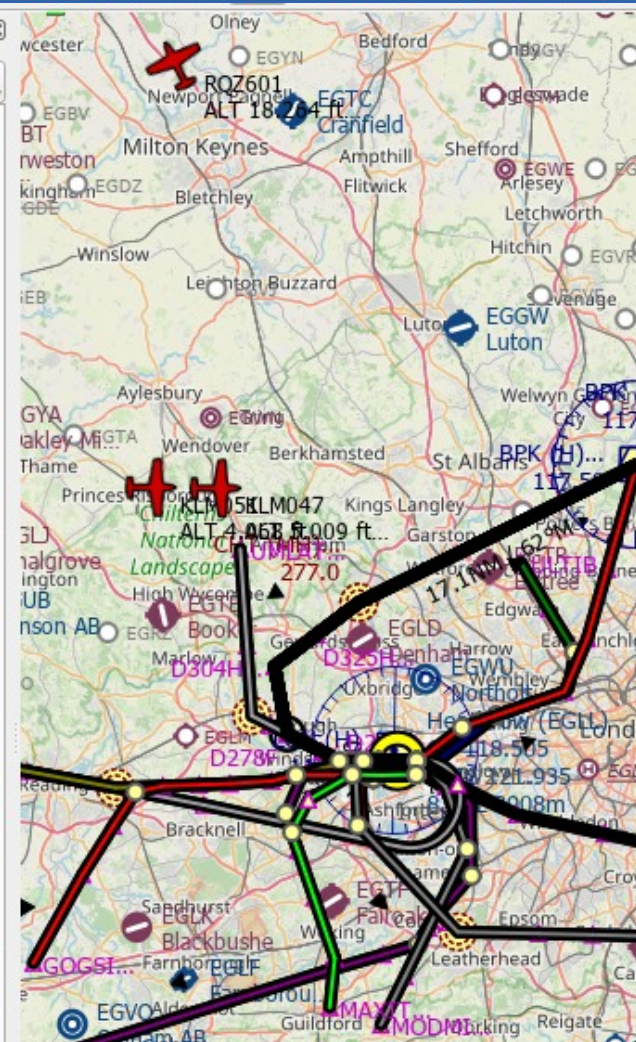
Logbook X

Procedures X

Departure (SID) All Runways Search

Heathrow (EGLL)
Wind prefers runways 27L and 27R. METAR source "NOAA".

Description	Ident	trics/a	First and last Waypoint
▶ SID 09L	BPK5K		09L to BPK
▶ SID 09L	CPT4K		09L to CPT
▶ SID 09L	DET1K		09L to DET
▶ SID 09L	GASG2K		09L to GASGU
▶ SID 09L	MODM1K		09L to MODMI
▶ SID 09L	ULTI1K		09L to ULTIB
▶ SID 09R	BPK6J		09R to BPK
▶ SID 09R	CPT5J		09R to CPT
▶ SID 09R	DET1J		09R to DET
▶ SID 09R	GASG2J		09R to GASGU
▶ SID 09R	MODM1J		09R to MODMI
▶ SID 09R	ULTI1J		09R to ULTIB
▶ SID 27L	BPK7G		27L to BPK
▶ SID 27L	CPT3G		27L to CPT
▶ SID 27L	DET2G		27L to DET
▶ SID 27L	GOGS2G		27L to GOGSI
▶ SID 27L	MAXI1G		27L to MAXIT
▶ SID 27L	UMLA1G		27L to UMLAT
▶ SID 27R	BPK7F		27R to BPK
▶ SID 27R	CPT3F		27R to CPT
▶ SID 27R	DET2F		27R to DET
▶ SID 27R	GOGS2F		27R to GOGSI
▶ SID 27R	MAXI1F		27R to MAXIT
▶ SID 27R	UMLA1F		27R to UMLAT



Leg Type: Track to fix

Distance: 17,1 NM

Course: 62°M

Altitude Restriction: At 6.000 ft

 SID BPK7G runway 27L

First and last Fix: RW27L and BPK

 SID BPK6J runway 09R

First and last Fix: RW09R and BPK

 SID BPK5K runway 09L

First and last Fix: RW09L and BPK

 SID BPK7F runway 27R

First and last Fix: RW27R and BPK

 VORDME: Brookmans Park (BPK)

Flight Plan Position: 10

Type: High

Frequency: 117,50 MHz

Calibrated declination: 1° East

Elevation: 392 ft

Range: 80 NM

Morse: - - - - -

Connections:

Airway L10 Both, 9.000 ft to 45.000 ft

Airway L10 Both, 9.000 ft to 23.000 ft

SID selectie op EGLL Heathrow

Selekteer runway 27L en slechts 6 mogelijkheden blijven over. De meest logische SID is via het VOR BPK. BPK7G

SID invoeren in Flightplan:

Ga op BPK7G staan, doe een rechter muisklik en kies insert....into flightplan... Alternatief rechtsklik BPK

SID BPK7G runway 27L

Flight Plan Position: 10

Fix: BPK

Leg Type: Track to fix

Distance: 17,1 NM

Course: 62°M

Altitude Restriction: At 6.000 ft

SID BPK7G runway 27L

First and last Fix: RW27L and BPK

VORDME: Brookmans Park (BPK)

Search

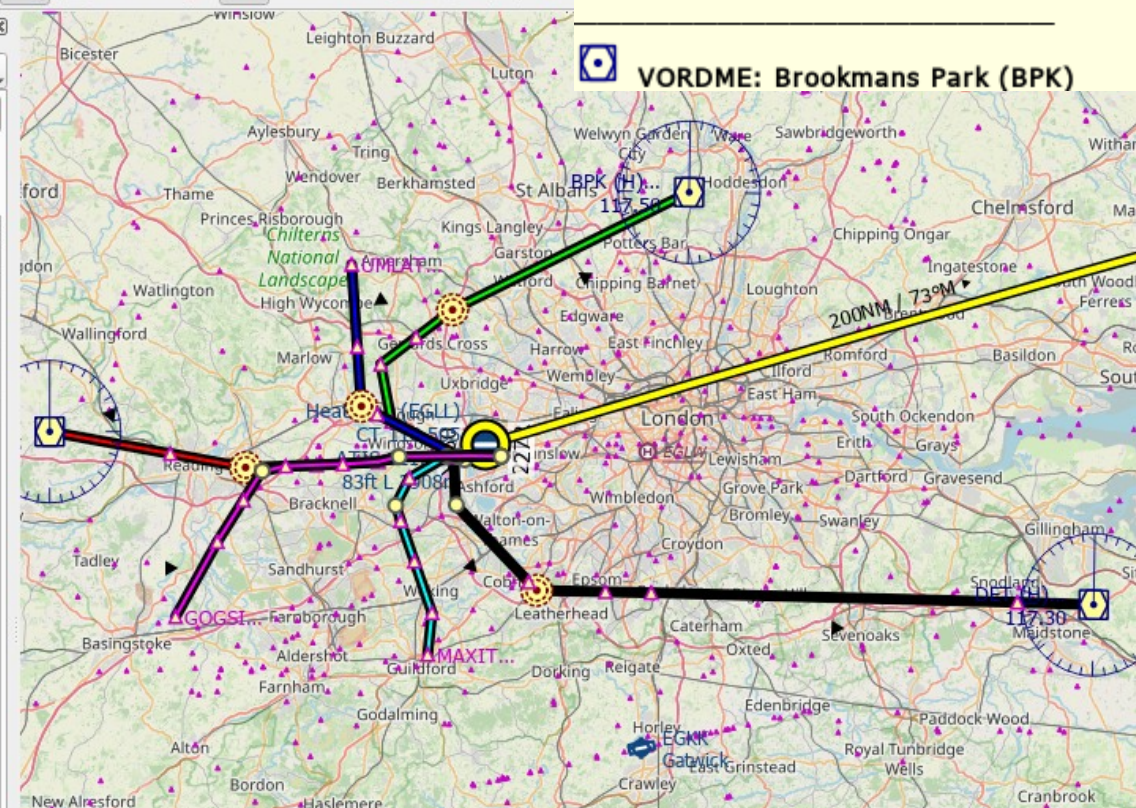
Airports X Nav aids X Userpoints X Logbook X Procedures X

Departure (SID) Runway 27L Search

Heathrow (EGLL)

All runways good for takeoff and landing. METAR source "NOAA".

Description	Ident	trics/a	First and last Waypoint	Course °M
▶ SID 27L	BPK7G		27L to BPK	
▶ SID 27L	CPT3G		27L to CPT	
▶ SID 27L	DET2G		27L to DET	
▶ SID 27L	GOGS2G		27L to GOGSI	
▶ SID 27L	MAXI1G		27L to MAXIT	
▶ SID 27L	UMLA1G		27L to UMLAT	



SID selectie op EGLL Heathrow

Nadat de SID is ingevoerd in Flightplanning zie je de eigenschappen. Je vindt de koers per segment terug, de waypoints maar ook de restricties. Vanwege geluidsoverlast (Noiseabatement) mag je na de initiële klim niet hoger stijgen dan 6000ft tot VOR-BPK. LNM geeft zelfs de windresultante per vlieg-segment.

Flight Planning

Flight Plan X Fuel Report X Current Performance X

21.000 ft

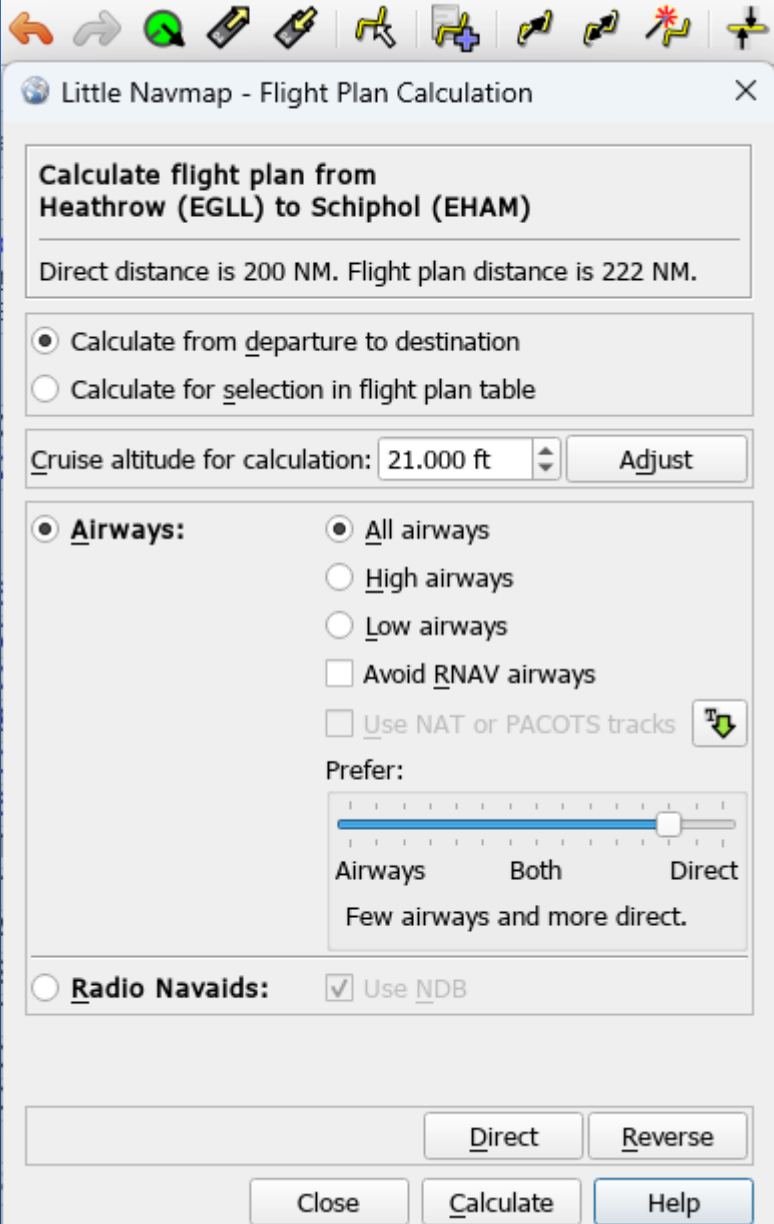
Heathrow (EGLL) to Schiphol (EHAM)
Distance 243 NM, time 0 h 35 m.
Takeoff from 27L, 269°M, 3.660 m. Wind 2 kts▲ 13 kts>. Depart using SID BPK7G.
Arrive using STAR REDF1A via SUG1D and ILS AM622 (I18R).
Land at 18R, 181°M, 183°T, 3.530 m, -11 ft elevation, PAPI4. Wind 14 kts▼ 3 kts>.

	Ident	I- or Tail kts	Name	Procedure	Airway or Procedure	Restriction ft/kts/angle	Remaining NM	Type	Freq. MHz/kHz/Cha.
1	EGLL		He...	Departure			243		
2	RW27L	▼ 3		SID BPK7G	Proceed to runway	83	241		
3		▼ 4		SID BPK7G	Course to altitude	A 590	238		
4		▼ 5		SID BPK7G	Course to intercept		238		
5	D257C	▲ 5 LO...		SID BPK7G	Course to fix		236		
6	D278F	▲ 3 LO...	Fl...	SID BPK7G	Track to fix		233		
7	D304H	▲ 22 LO...		SID BPK7G	Direct to fix	A 4.000	229		
8	D325H	▲ 24 LO...		SID BPK7G	Track to fix	A 5.000	226		
9	CHT	▲ 24 Chi...		SID BPK7G	Track to fix	6.000	223	NDB (MH)	277,0
10	BPK	▲ 21 Br...		SID BPK7G	Track to fix	6.000	206	VORDME (H)	117,50

SID selectie op EGLL Heathrow

Een controverse:

Als je vervolgens op Flight plan Calculation klikt, zullen de “cruise waypoints” berekend worden en in het flightplan worden geschreven....



Little Navmap - Flight Plan Calculation

Calculate flight plan from
Heathrow (EGLL) to Schiphol (EHAM)

Direct distance is 200 NM. Flight plan distance is 222 NM.

☒ Calculate from departure to destination
☐ Calculate for selection in flight plan table

Cruise altitude for calculation: 21.000 ft Adjust

☒ Airways:

- ☒ All airways
- ☐ High airways
- ☐ Low airways
- ☐ Avoid RNAV airways
- ☐ Use NAT or PACOTS tracks 

Prefer:


Airways Both Direct
Few airways and more direct.

☐ Radio Nav aids: ☒ Use NDB

Direct Reverse

Close Calculate Help

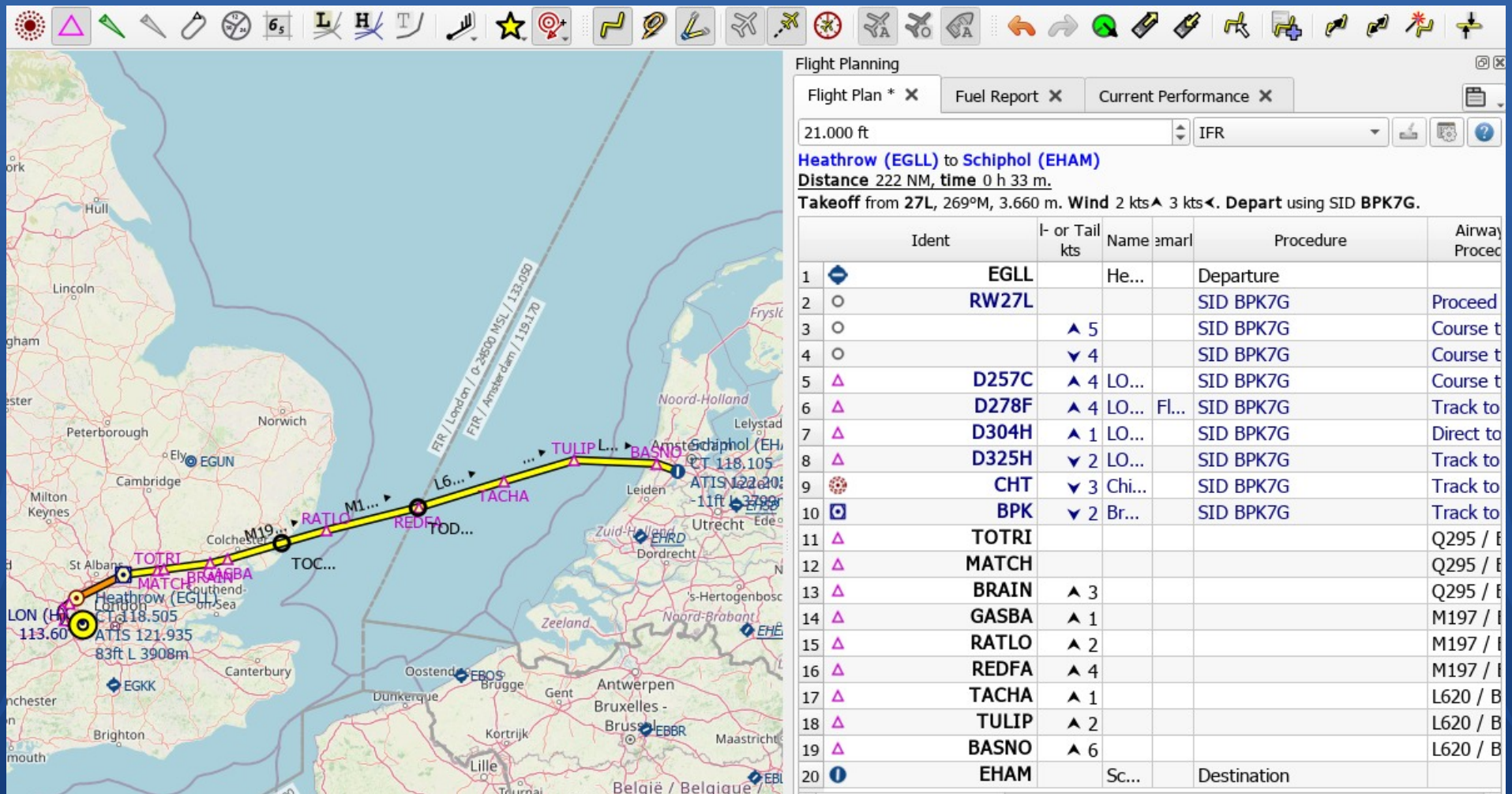
SID selectie op EGLL Heathrow

De route ziet er dan ongeveer als volgt uit.

....maar het kan efficiënter omdat nu onnodige waypoints, zie Tacha Tulip en Basno later verwijderd moeten worden.

Einde controversie!

Daarom ga ik eerst de STAR bepalen.



STAR procedures

-Aankomsten STAR & Approach

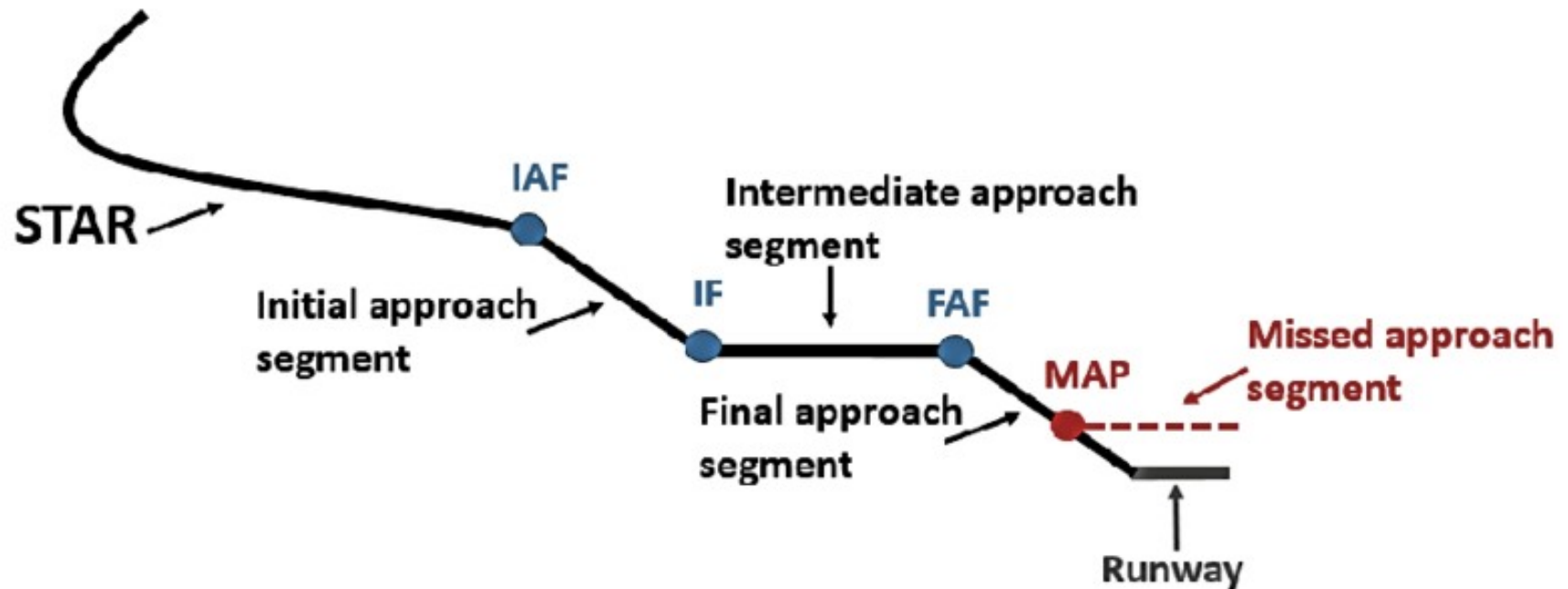
bij een (groot) vliegveld.

LNМ

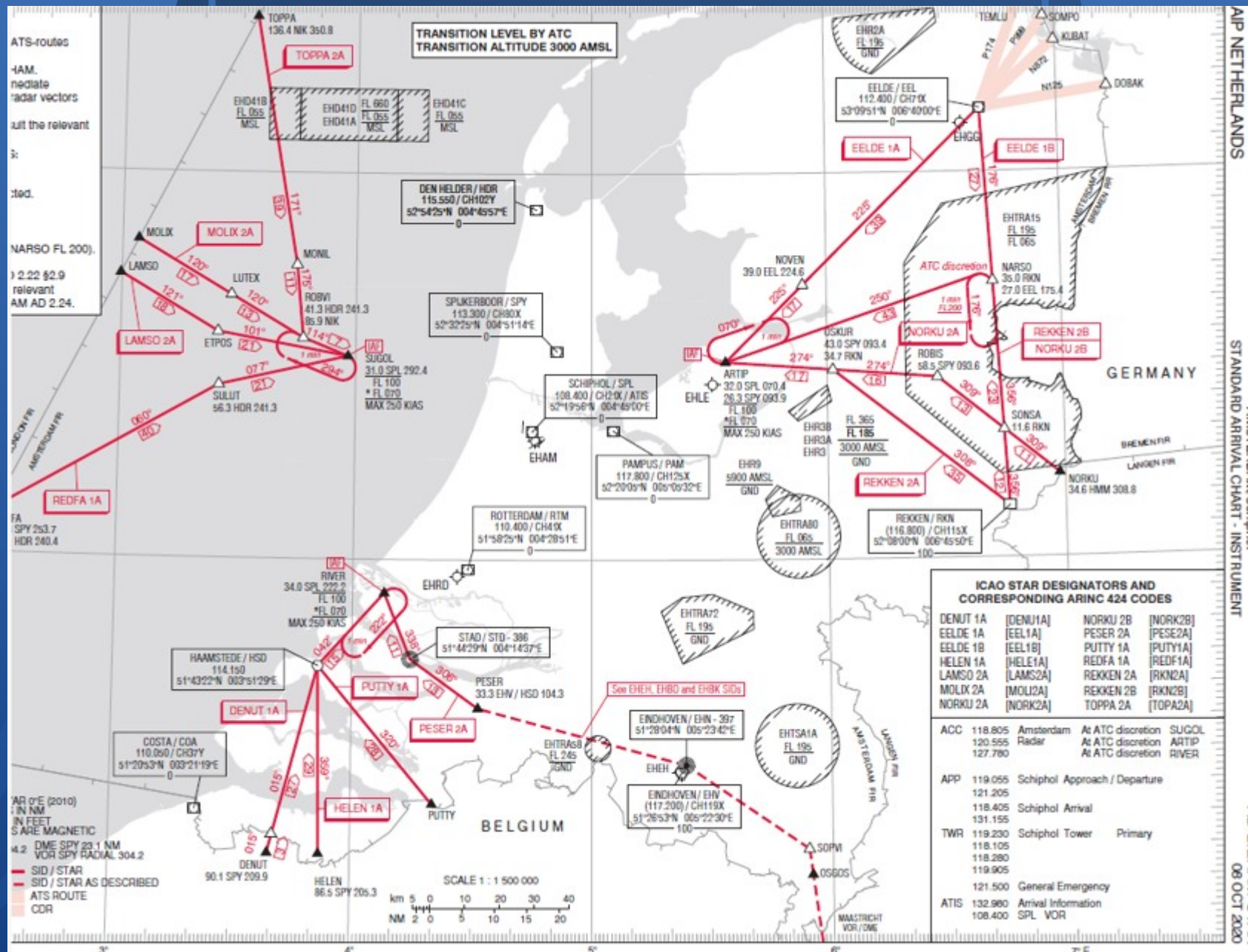
De daalstructuur

STAR	= route na Feeder tot IAF
Initial approach	= IAF tot IF
Final approach	= IF via FAF naar threshold

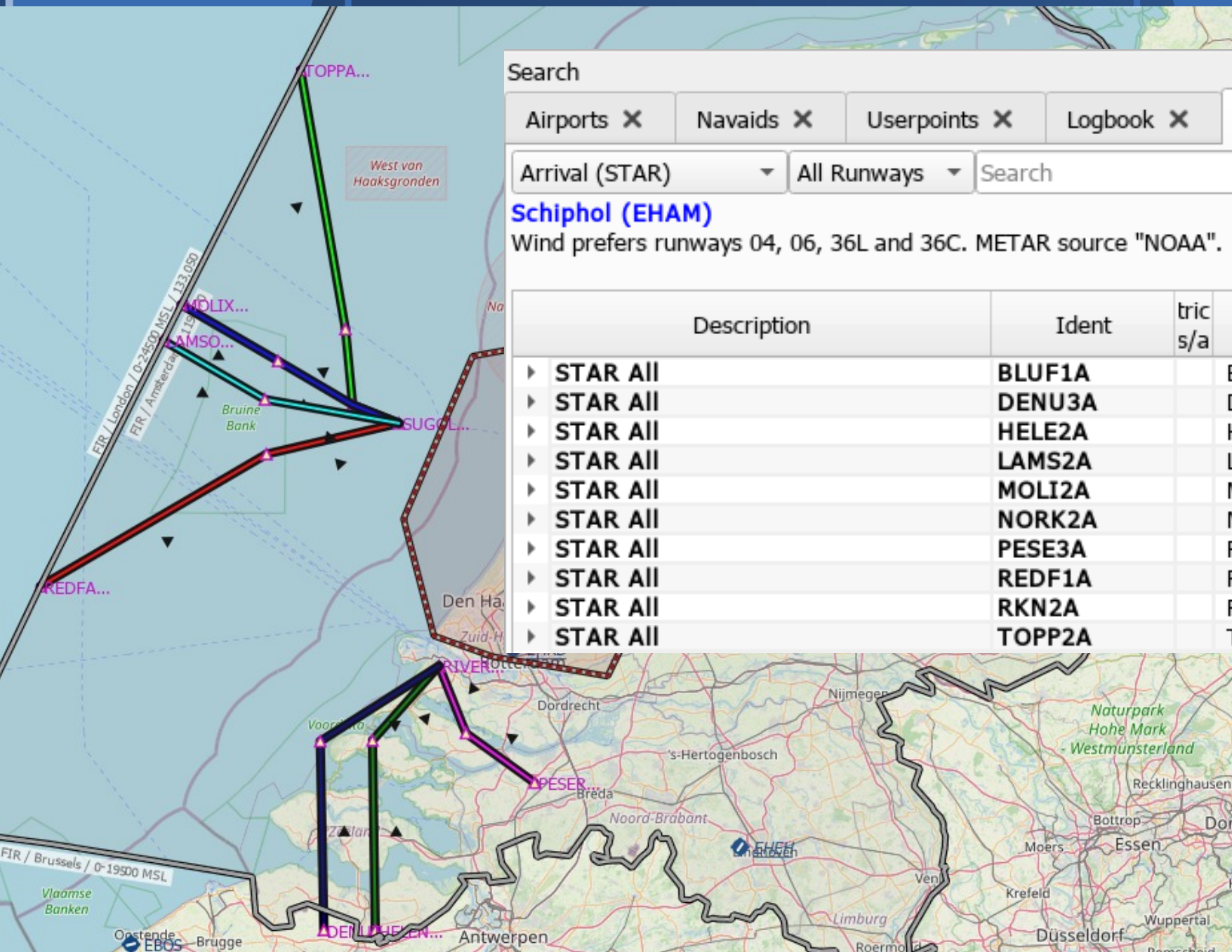
Het IAF is super belangrijk. Vliegtuigen van verschillende STAR's verzamelen zich hier en gaan gesepareerd verder richting Destination.



STAR's- EHAM



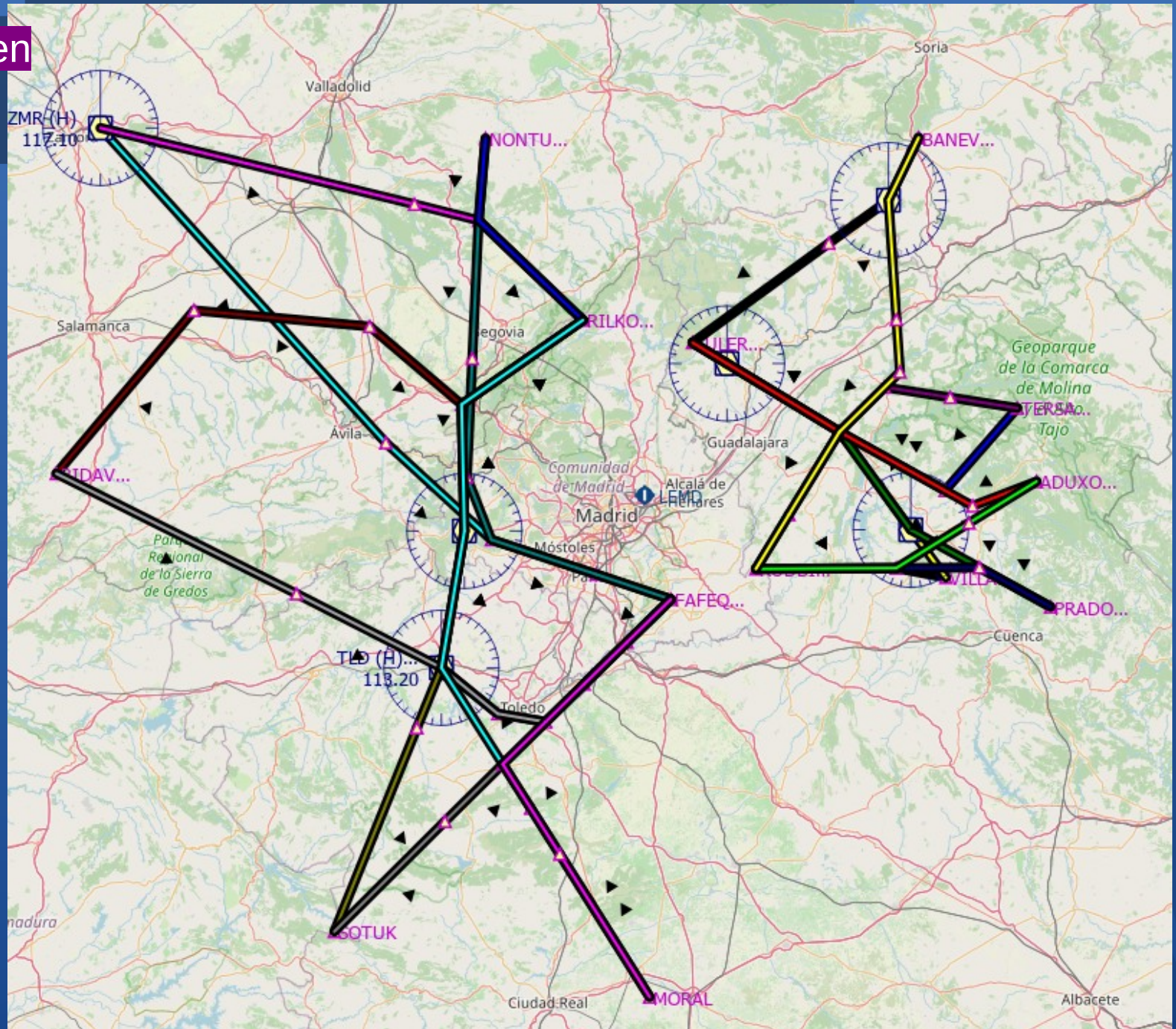
STAR's- EHAM



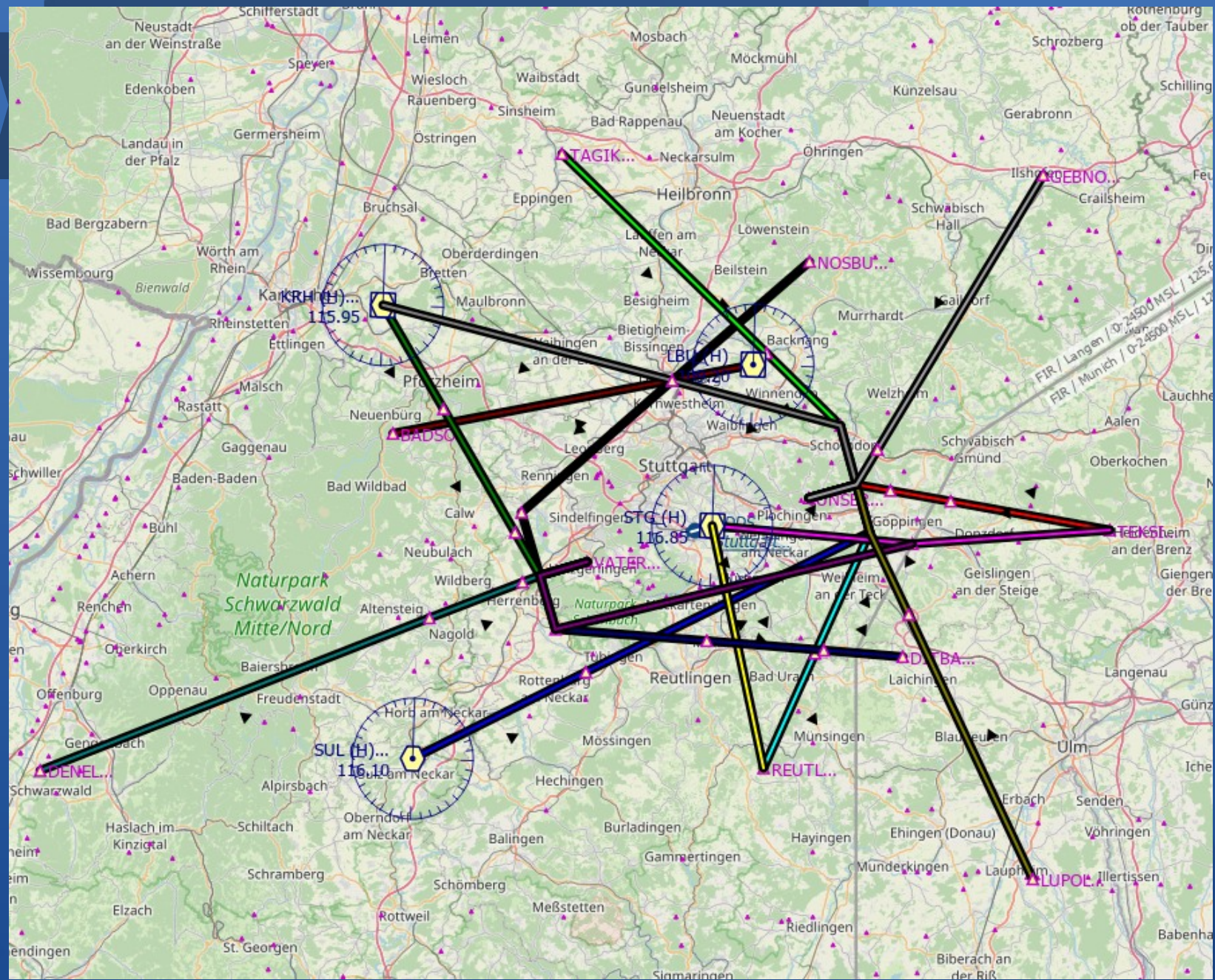
STAR analyseren

Madrid
LEMD heeft
zelfs 4 IAF's:

Rilko
Luler
Rudbi
Fafeo

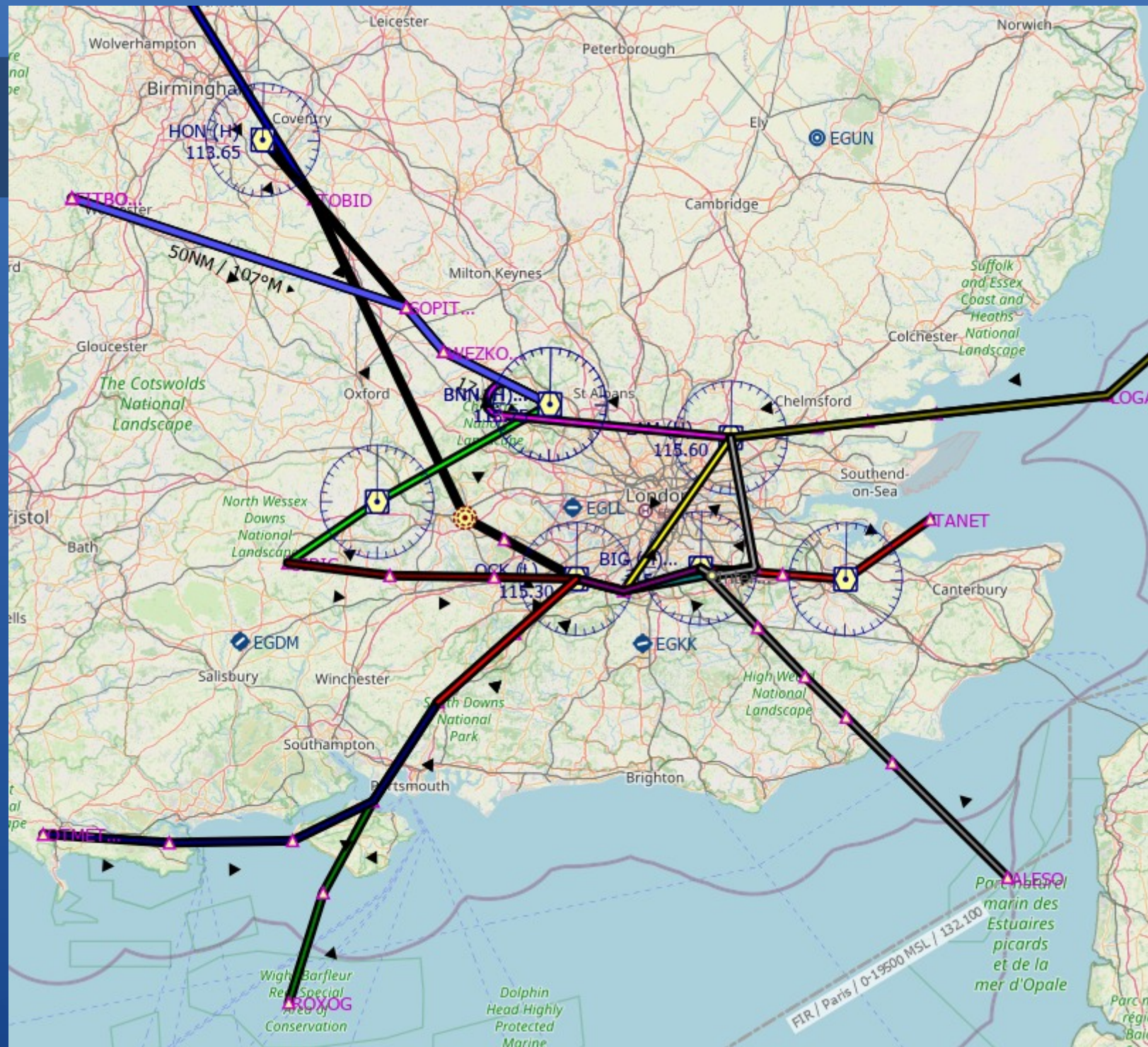


Stuttgart
EDDS volgt
het duitse
adagium:
als het
moeilijk
kan....



Londen EGLL
lijkt ook
ingewikkeld
maar het
STAR domein
is opgebouwd
uit 4 VOR
bakens:

BNN -Bovingdon
LAM -Lambourne
BIG -Biggin
OCK -Ockham

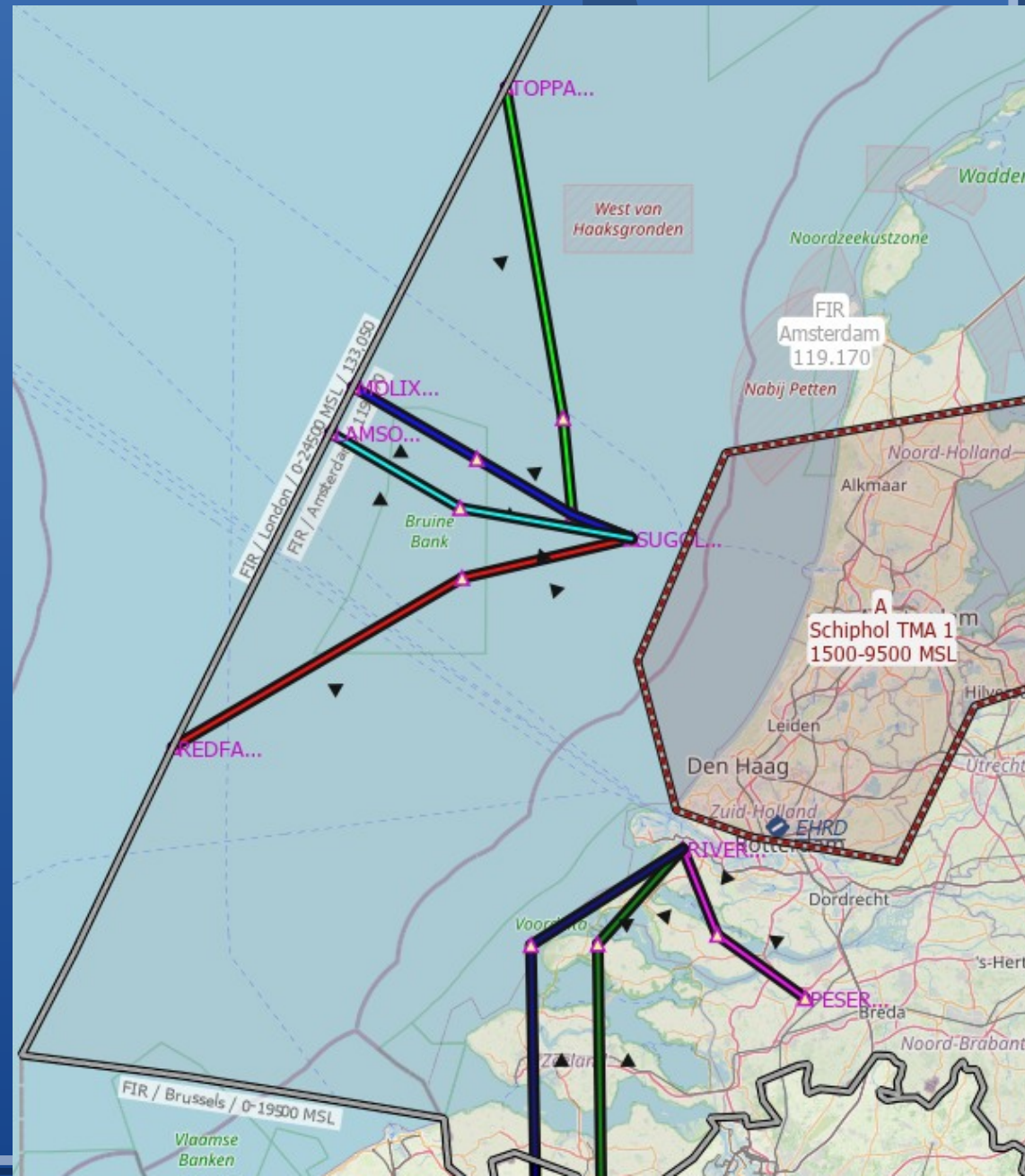


STAR "REDF1A" en approach "ILS 18R" Transition "SUG1D" in Flightplan zetten:

We komen uit het zuid/westen binnen via REDFA. Hier begint de STAR "REDF1A". Deze eindigt bij SUGOL. Hier eindigen nog 3 andere STAR's.

Het eindpunt van de STAR wordt **Initial Approach Fix** genoemd. Het **IAF** is het punt waar een toestel de nadering naar een luchthaven begint.

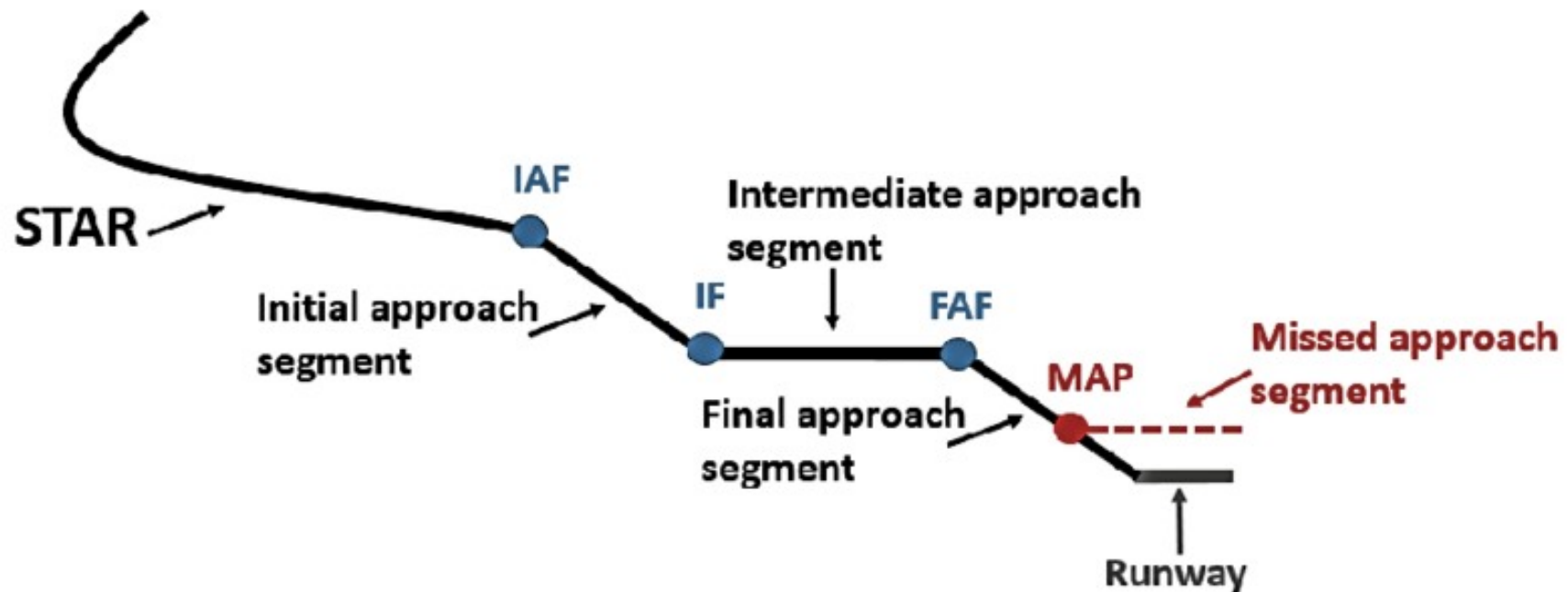
Na Sugol zal ATC je verwijzen naar de frequentie van TMA - APP



Approach “ILS 18R” Transition “SUG1D” in Flightplan zetten:

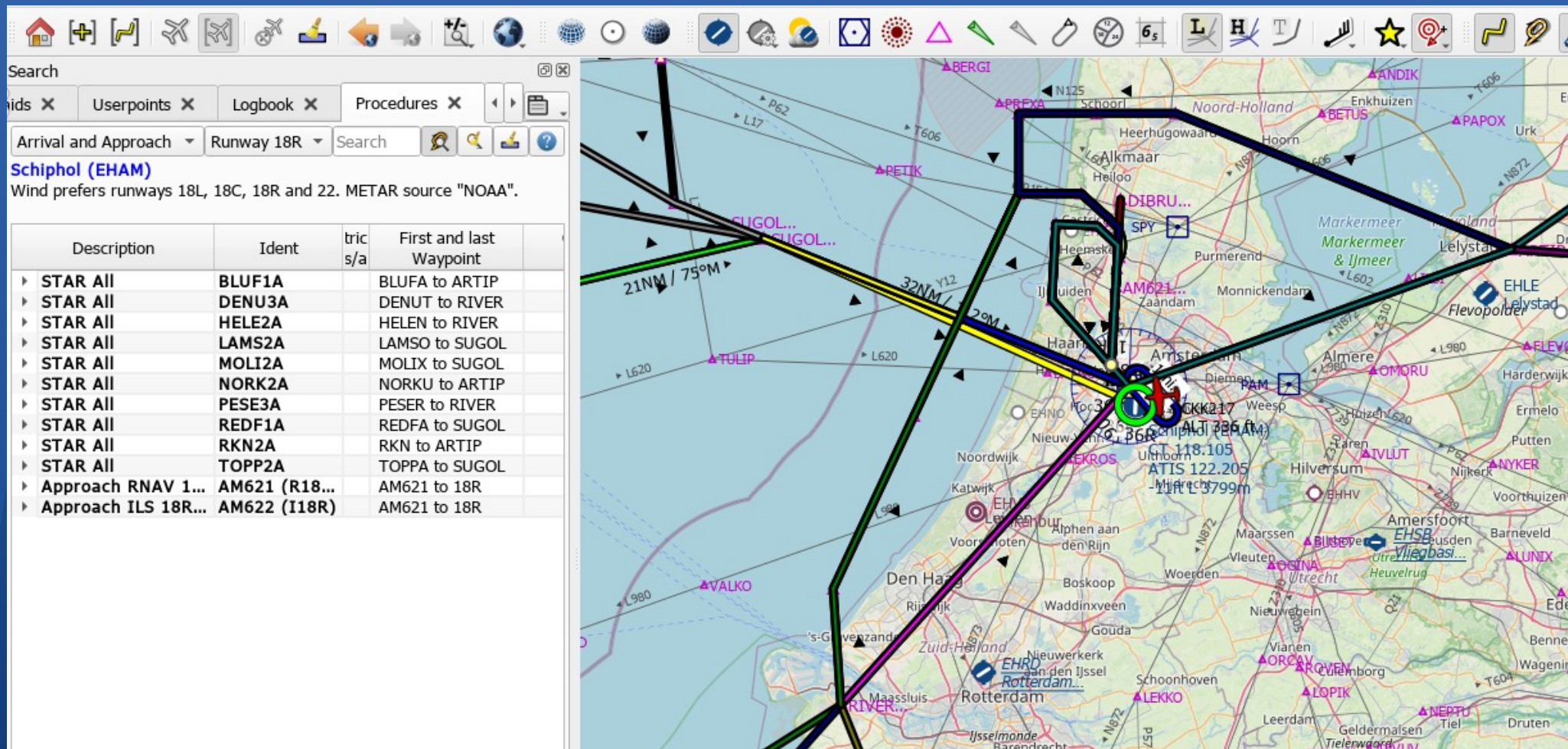
Een Initial Approach Fix is het punt waar een toestel de nadering naar een luchthaven begint.

Vanaf de IAF vlieg je de standaard naderingsprocedure (Arrival & Approach) verder naar het IF (Intermediate Fix) en daarna het FAF (Final Approach Fix) richting de landingsbaan.



Approach “ILS 18R” Transition “SUG1D” in Flightplan zetten:

Maak het zoek gebied kleiner door selecties toe te passen. In dit geval weten we dat Rwy18R gevraagd wordt. Maak die selectie. ★ Vervolgens kiezen we “Arrival and Approach”, maak ook die selectie. We zien nu alle approaches beschikbaar voor RWY18.... maar het kan nog iets duidelijker...



The screenshot displays a flight planning application. On the left, a sidebar contains a search bar and a list of filters: "Arrival and Approach", "Runway 18R", and "Search". Below these, the text "Schiphol (EHAM)" and "Wind prefers runways 18L, 18C, 18R and 22. METAR source 'NOAA'." are visible. A table lists the available approaches for Runway 18R.

Description	Ident	trics/a	First and last Waypoint
STAR All	BLUF1A		BLUFA to ARTIP
STAR All	DENU3A		DENUT to RIVER
STAR All	HELE2A		HELEN to RIVER
STAR All	LAMS2A		LAMSO to SUGOL
STAR All	MOLI2A		MOLIX to SUGOL
STAR All	NORK2A		NORKU to ARTIP
STAR All	PESE3A		PESEK to RIVER
STAR All	REDF1A		REDFK to SUGOL
STAR All	RKN2A		RKN to ARTIP
STAR All	TOPP2A		TOPPA to SUGOL
Approach RNAV 1...	AM621 (R18...		AM621 to 18R
Approach ILS 18R...	AM622 (I18R)		AM621 to 18R

The main map area shows a detailed view of the Schiphol (EHAM) airport and surrounding region. The map includes various waypoints, flight paths, and terrain features. A green line indicates the approach path for Runway 18R, starting from the SUGOL waypoint and ending at the runway. The map also shows other nearby airports and navigation aids.

in “ILS 18R” Transition “SUG1D” in
setzen:

Als je het eindpunt van de STAR in het Search veld noteert (in ons geval zijn de eerste 2 letters SU voldoende) worden slechts die approach's getoond die vanuit SUGOL komen. Uiteraard in combinatie met meerdere selecties zie je de RNAV en ILS.

- Rechtsklik op de STAR REDF1A en insert.... in flightplan
- Rechtsklik op transition SUG1D en insert..... in flightplan. Hiermee wordt ook de ILS geladen.

Search

Airports

Nav aids

Us

Logbook

Procedures

Arrival and Approach

Runway 18R

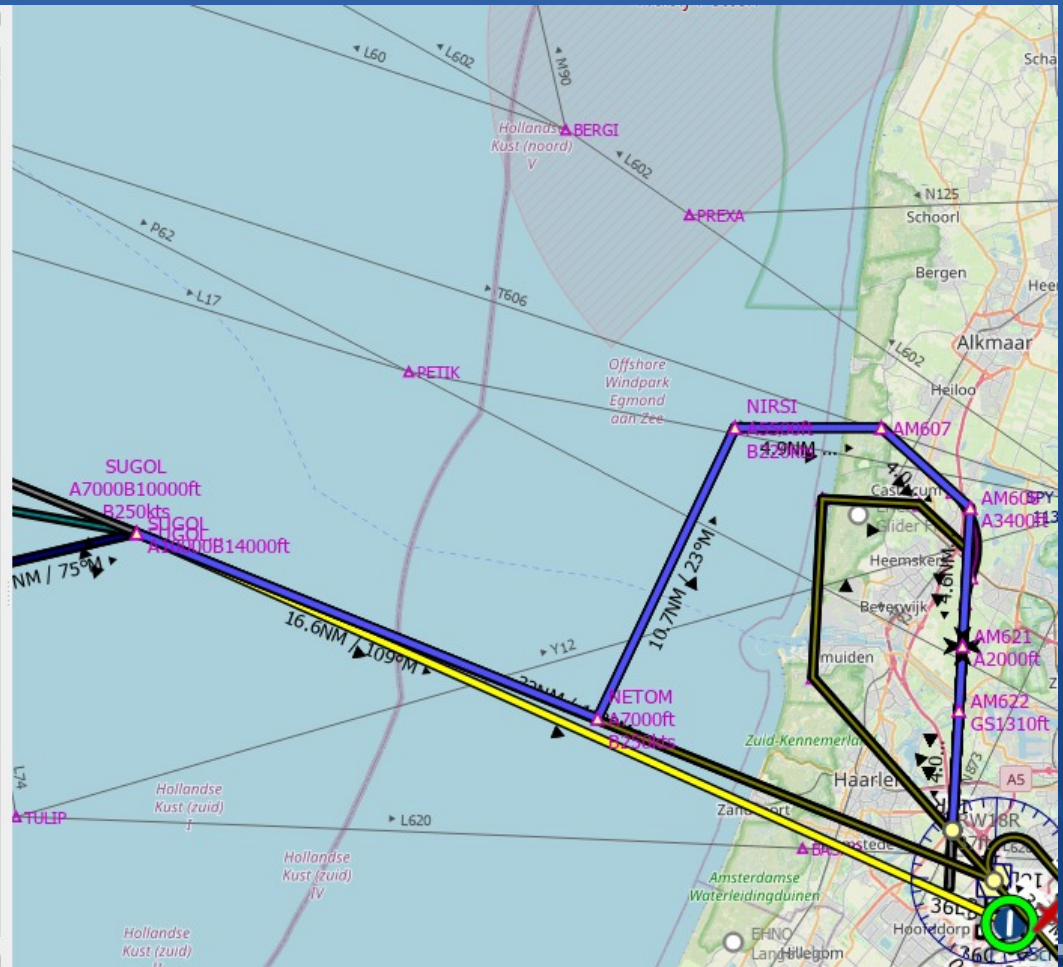
su

Schiphol (EHAM)

Wind prefers runways 18L, 18C, 18R and 22. METAR source "NOAA".

Approach **ILS 18R AM622 (I18R)** via transition **SUG1D**. From SUGOL to 18R.

Description	Ident	tr s/a	First and last Waypoint	Course °M	Dist./Tin NM/mir
▶ STAR All	LAMS2A		LAMSO to SUGOL		
▶ STAR All	MOLI2A		MOLIX to SUGOL		
▶ STAR All	REDF1A		REDFA to SUGOL		
▶ STAR All	TOPP2A		TOPPA to SUGOL		
▼ Approach RNAV 1...	AM621 (R18...		AM621 to 18R		
▶ Transition	SUG1C		SUGOL to AM621		
▶ Transition	SUGOL		SUGOL to AM621		
Initial fix	AM621 (FAF)	...			
Track to fix	RW18R (MAP)	...		181	
Fix to altitude	RW18R	...		182	
Direct to fix	AM624	...			
From fix to manu...		...		300	
▼ Approach ILS 18R...	AM622 (I18R)		AM621 to 18R		
▶ Transition	SUG1D		SUGOL to AM621		
▶ Transition	SUGOL		SUGOL to AM621		
Initial fix	AM621 (FAF)	...			
Course to fix	AM622 (FAF)	...		181	
Course to fix	RW18R (MAP)	...		181	
Fix to altitude	RW18R	...		182	
Direct to fix	AM624	...			
From fix to manu...		...		300	



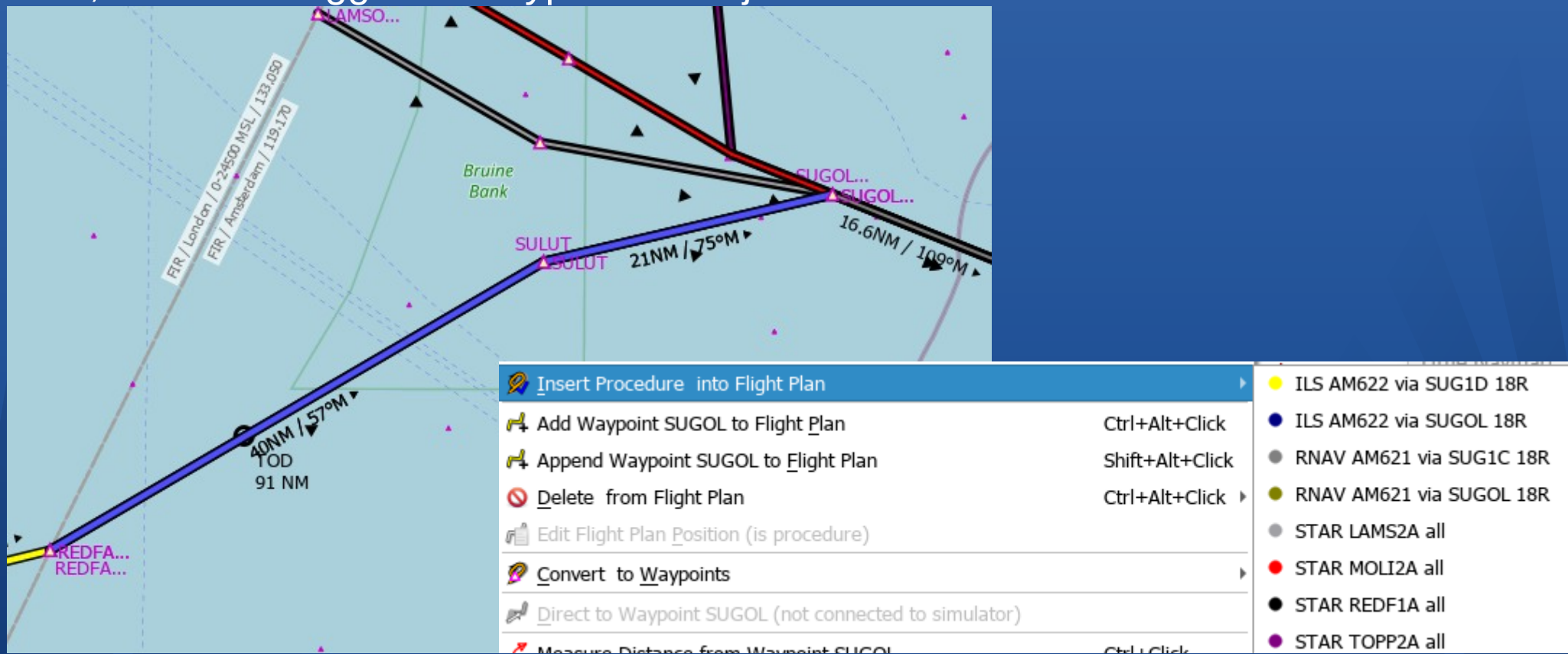
Keuzes in Flightplan.

.... maar je kunt ook dynamisch vanuit de MAP via de waypoints het vliegplan vullen. bv. Rechtsklik op waypoint REDFA of SUGOL en daarna “Insert....” .

Bij SUGOL opent zich een 2de scherm omdat er meer keuzes zijn.

Bepaal de keuze en “Insert....” de betreffende approach.

Ps, alle tussenliggende waypoints kun je ook aanklikken om te inserten.



The screenshot displays a flight planning map with various waypoints and flight paths. A context menu is open over the SUGOL waypoint, showing options for inserting procedures, adding waypoints, and deleting from the flight plan. The menu items are:

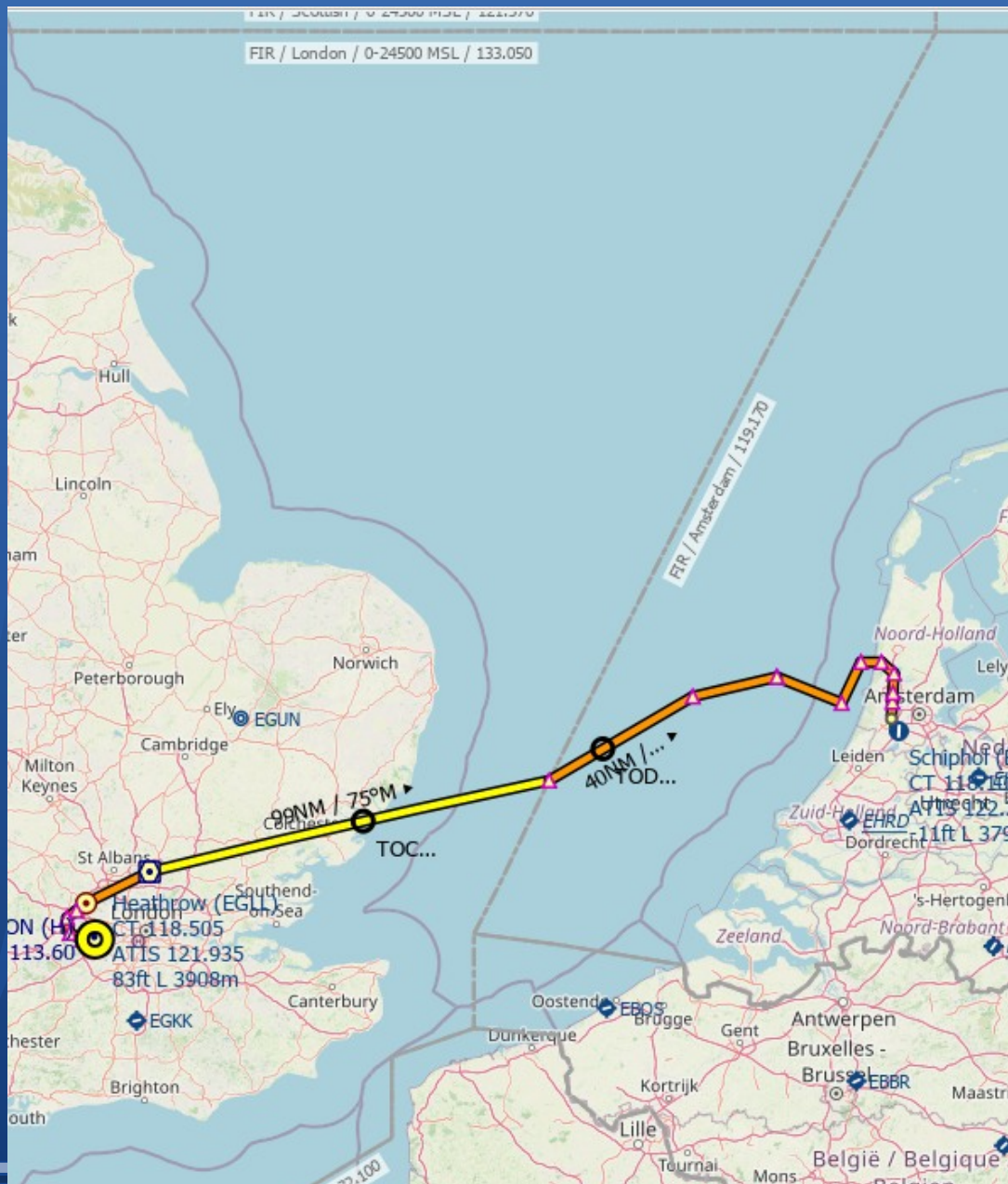
- Insert Procedure into Flight Plan
- Add Waypoint SUGOL to Flight Plan (Ctrl+Alt+Click)
- Append Waypoint SUGOL to Flight Plan (Shift+Alt+Click)
- Delete from Flight Plan (Ctrl+Alt+Click)
- Edit Flight Plan Position (is procedure)
- Convert to Waypoints
- Direct to Waypoint SUGOL (not connected to simulator)
- Measure Distance from Waypoint SUGOL (Ctrl+Click)

On the right side of the menu, a list of available procedures is shown:

- ILS AM622 via SUG1D 18R
- ILS AM622 via SUGOL 18R
- RNAV AM621 via SUG1C 18R
- RNAV AM621 via SUGOL 18R
- STAR LAMS2A all
- STAR MOL12A all
- STAR REDF1A all
- STAR TOPP2A all

The map shows a flight path starting from REDFA, passing through SUGOL, and ending at LAMS2A. The path is marked with waypoints and distances: 40NM / 57°M, 21NM / 75°M, and 16.6NM / 109°M. The map also shows the Bruine Bank and the FIR / London / 0-24500 MSL / 133.050 and FIR / Amsterdam / 119.170.

Het Flightplan EGLL-EHAM



Flight Planning

Flight Plan * X

Fuel Report X

Current Performance X

21.000 ft

IFR

Heathrow (EGLL) to Schiphol (EHAM)

Distance 242 NM, **time** 0 h 36 m.

Takeoff from 27L, 269°M, 3.660 m. **Wind** 2 kts▲ 3 kts◀. **Depart** using SID B
Arrive using STAR REDF1A via SUG1D and ILS AM622 (I18R).

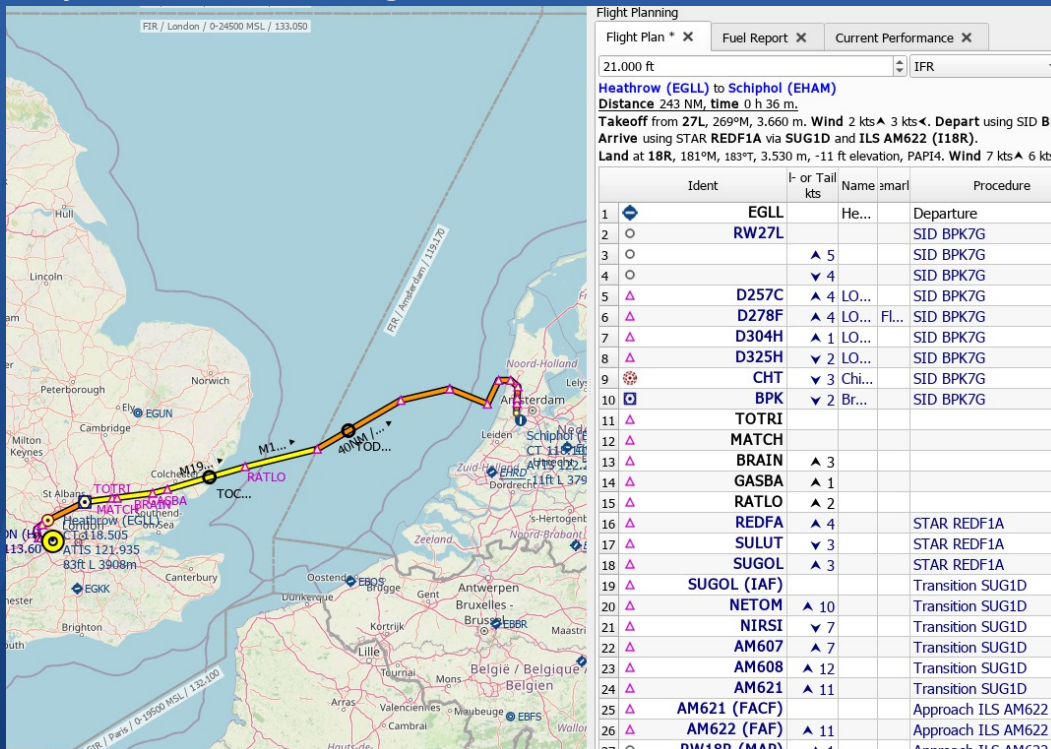
Land at 18R, 181°M, 183°T, 3.530 m, -11 ft elevation, PAPI4. **Wind** 7 kts▲ 6 kts◀

	Ident	I- or Tail kts	Name	Procedure
1	EGLL		He...	Departure
2	RW27L			SID BPK7G
3		▲ 5		SID BPK7G
4		▼ 4		SID BPK7G
5	D257C	▲ 4	LO...	SID BPK7G
6	D278F	▲ 4	LO... Fl...	SID BPK7G
7	D304H	▲ 1	LO...	SID BPK7G
8	D325H	▼ 2	LO...	SID BPK7G
9	CHT	▼ 3	Chi...	SID BPK7G
10	BPK	▼ 2	Br...	SID BPK7G
11	REDF1A	▲ 5		STAR REDF1A
12	SULUT	▼ 3		STAR REDF1A
13	SUGOL	▲ 3		STAR REDF1A
14	SUGOL (IAF)			Transition SUG1D
15	NETOM	▲ 10		Transition SUG1D
16	NIRSI	▼ 7		Transition SUG1D
17	AM607	▲ 7		Transition SUG1D
18	AM608	▲ 12		Transition SUG1D
19	AM621	▲ 11		Transition SUG1D
20	AM621 (FACF)			Approach ILS AM622
21	AM622 (FAF)	▲ 11		Approach ILS AM622
22	RW18R (MAP)	▲ 1		Approach ILS AM622
23	RW18R			Missed ILS AM622

Het Flightplan EGLL-EHAM onvoltooid

Nu is het moment aangebroken de cruise waypoints te bepalen.

-Klik op “Flight plan Calculation picto” en vervolgens Calculate. Automatisch zullen de cruise waypoints tussen einde SID en begin STAR worden toegevoegd. Een prachtige korte en efficiënte route.... die perfect rekening houdt met SID en STAR



The screenshot shows the 'Little Navmap - Flight Plan Calculation' window. It displays the calculated flight plan from Heathrow (EGLL) to Schiphol (EHAM). The window includes options for calculating the flight plan, setting cruise altitude, and selecting airways and radio nav aids.

Calculate flight plan from
Heathrow (EGLL) to Schiphol (EHAM)

Direct distance is 200 NM. Flight plan distance is 222 NM.

☒ Calculate from departure to destination
☐ Calculate for selection in flight plan table

Cruise altitude for calculation: 21.000 ft Adjust

☒ Airways:
☒ All airways
☐ High airways
☐ Low airways
☐ Avoid RNAV airways
☐ Use NAT or PACOTS tracks

Prefer:
 Airways Both Direct
 Few airways and more direct.

☐ Radio Nav aids: ☒ Use NDB

Direct Reverse

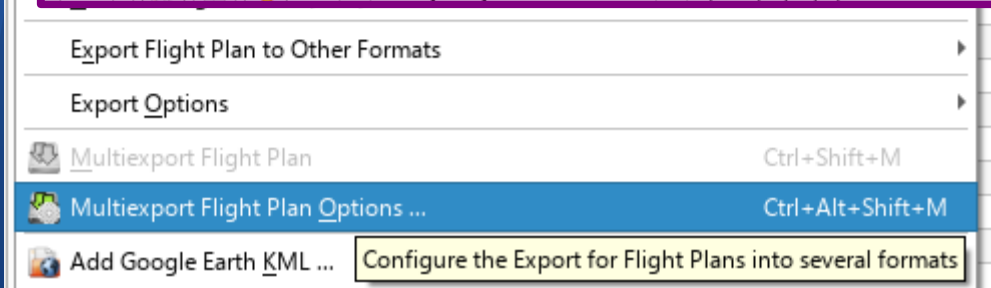
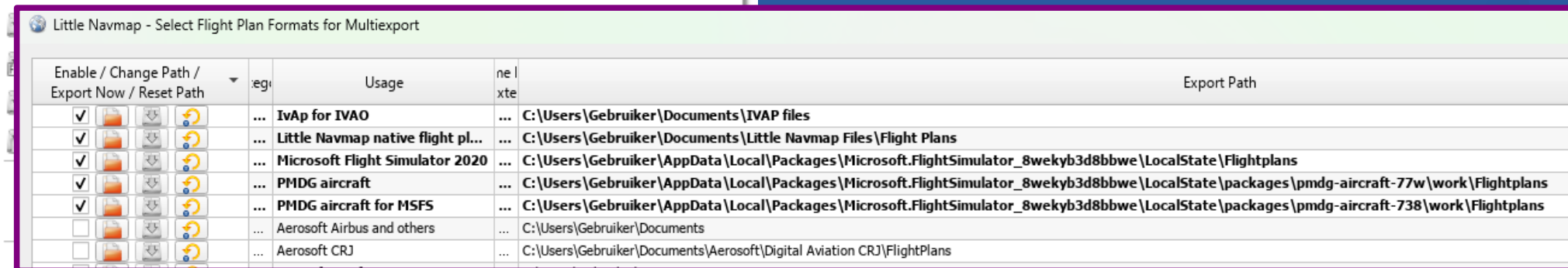
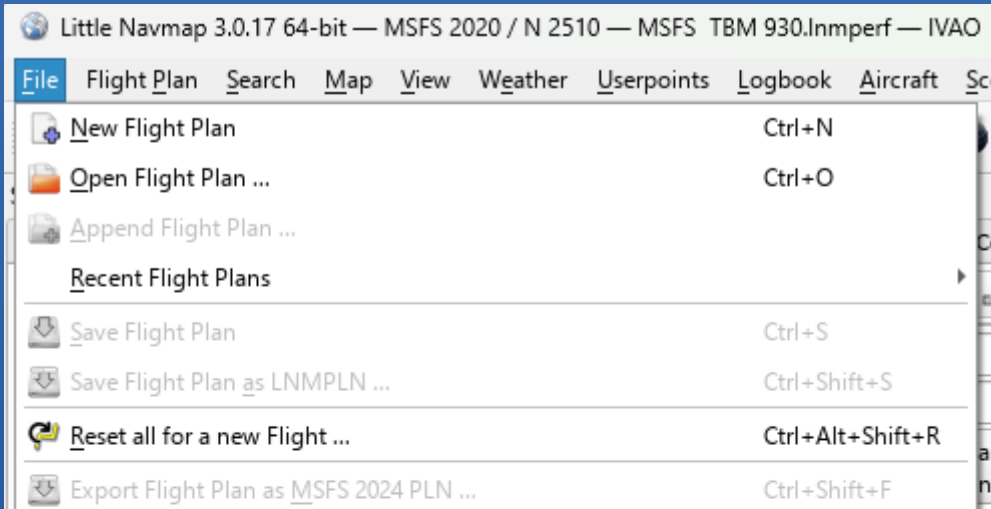
Close Calculate Help

Multiexport Flight Plan Options in LNM.

LNМ heeft een optie “Multiexport”

Bepaal de locaties waar de voor jou
benodigde flightplans worden
opgeslagen.

Zoals PMDG .RTE 738-777-.PLN-.LNМPLN



. PLN uitzondering in LNM

Situatie

Wat LNM probeert te doen

✓ Vinkje aan

LNM exporteert alleen de *basis-waypoints* van de approach (zoals FAF, MAP, IF) en laat "computed" of database-specifieke punten (zoals CF-leg of RF-curve-punten) weg, omdat MSFS die soms niet kent.

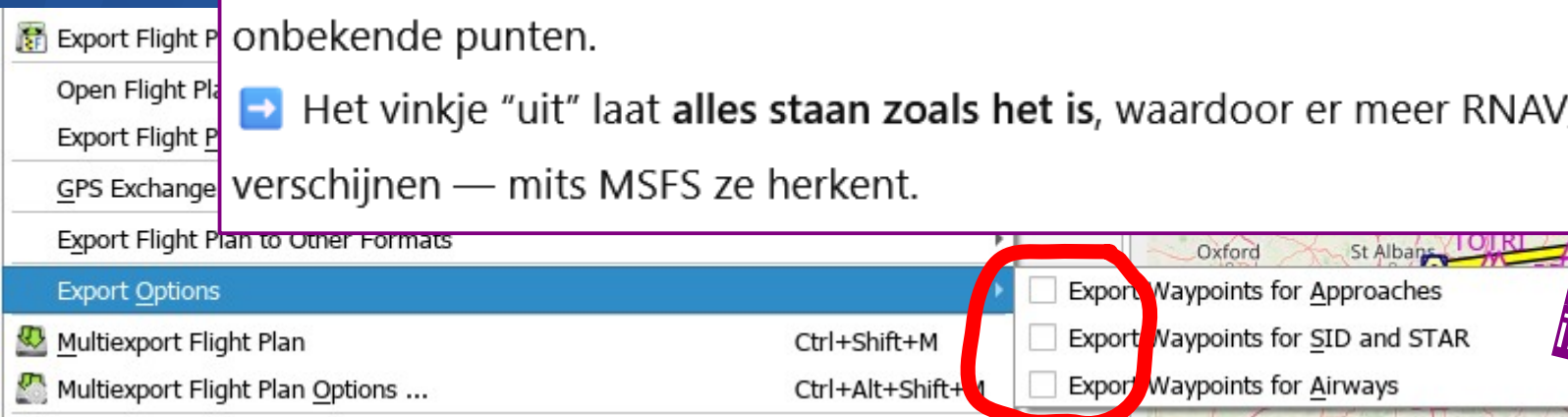
✗ Vinkje uit

LNM schrijft de volledige procedure zoals die in het plan is opgeslagen (inclusief alle interne punten), **door de XML-structuur van MSFS-.PLN** te gebruiken. Daardoor zie je in MSFS vaak méér waypoints.

Met andere woorden:

➡ Het vinkje "aan" probeert **te voorkomen dat MSFS crasht of fouten geeft** bij onbekende punten.

➡ Het vinkje "uit" laat **alles staan zoals het is**, waardoor er meer RNAV/ILS-waypoints verschijnen — mits MSFS ze herkent.



In de meeste gevallen niets invullen is ok.

Lamama Presentatie 27-10-2025

G.Hageman & C. Wierda.

Vanavond

- SID&STAR/cruise route met LNM naar Flightplan,
- Flightplan in standaard vliegtuig MFSF-2020,
- Simbrief Flightplan in standaard vliegtuig,
- Simbrief Flightplan in PMDG/Fenix

PLN in standaard vliegtuig MSFS-2020

LOAD FROM XBOX CLOUD STORAGE

LOAD FROM THIS PC

In het Wereldkaart scherm kun je vliegplannen .pln laden.

-Klik daarvoor op de spatiebalk nadat het invoerveld voor vertrek is aangeklikt.

Het Flightplan wordt dan uit onderstaande map geselecteerd.
Dus schrijf hier naartoe met LNM !!!

FROM

EGLL Heathrow, London

RUNWAY (27L)

IFR (High-altitude airways)

HEATHROW

D257C

SEARCH

Norwich

EGLL Heathrow

270° 2Kts

EGKK Gatwick

EHAM Schiphol

Gebruiker > AppData > Local > Packages > Microsoft.FlightSimulator_8wekyb3d8bbwe > LocalState >

map

Naam	Gewijzigd op	Type	Grootte
cache	11-12-2023 13:11	Bestandsmap	
DCE	20-10-2023 15:07	Bestandsmap	
Flightplans	17-10-2025 11:53	Bestandsmap	
Layouts	21-12-2023 13:17	Bestandsmap	
MISSIONS	21-10-2023 10:47	Bestandsmap	
MSFSReport-OldCrashes	15-10-2025 19:11	Bestandsmap	
packages	12-10-2025 09:07	Bestandsmap	
Weather	20-10-2023 14:28	Bestandsmap	
IFR Heathrow (EGLL) to Schiphol (EHAM) met vinkjes	17-10-2025 20:33	PLN-bestand	9 kB
IFR Heathrow (EGLL) to Schiphol (EHAM) zonder vink echt	17-10-2025 20:33	PLN-bestand	10 kB

PLN in standaard vliegtuig MSFS-2020

Als het flightplan geladen is zie je op de wereldkaart de route met alle waypoints terug.

The screenshot displays the 'WORLD MAP' interface in MSFS-2020. At the top left, a 'Daher TBM 930' aircraft is shown. The main interface features a 'FROM' section with 'EGLL Heathrow, London' as the origin and 'EHAM Schiphol, Amsterdam' as the destination. Below this, there are dropdown menus for 'RUNWAY (27L)', 'DEPARTURES (BPK7G 27)', 'ARRIVALS (REDF1A ALL)', and 'APPROACH'. A row of buttons includes 'HEATHROW', 'D257C', 'D278F', 'D304H', 'D325H', 'CHT', 'BPK', and 'TOTRI'. The map itself shows a flight route from Heathrow to Schiphol, with a time of 01:29 and a distance of 227 NM. A search bar is located on the left side of the map. The map also shows other airports like EGKK Gatwick and EHRD Rotterdam The Hague.

WORLD MAP

FROM

✈ EGLL Heathrow, London

✈ EHAM Schiphol, Amsterdam

RUNWAY (27L) DEPARTURES (BPK7G 27) ARRIVALS (REDF1A ALL) APPROACH

IFR (High-altitude airways)

HEATHROW D257C D278F D304H D325H CHT BPK TOTRI

SEARCH

01:29
227 NM

EGLL Heathrow

EHAM Schiphol

270° 2Kts

EHRD Rotterdam The Hague

EGKK Gatwick

PLN in standaard vliegtuig MSFS-2020

Ingezoomd is de STAR in geel en roze de Approach te zien.
Via GPS is deze route automatisch te vliegen.

The screenshot displays the MSFS-2020 World Map interface. At the top, a 'WORLD MAP' tab is active. On the left, a 'Daher TBM 930' aircraft is selected. The main flight plan section shows a route from 'FROM EGLL Heathrow, London' to 'TO EHAM Schiphol, Amsterdam'. The route is defined by several waypoints: 'HEATHROW', 'D257C', 'D278F', 'D304H', 'D325H', 'CHT', 'BPK', 'TOTRI', 'MATCH', and 'BF'. The route is visualized on a map of the Netherlands, with a yellow line representing the STAR (Standard Terminal Arrival Route) and a pink line representing the Approach. A callout box for 'EHAM Schiphol' shows a heading of '270° 2Kts'. A search bar is visible on the left side of the map.

WORLD MAP

Daher TBM 930

FROM EGLL Heathrow, London

TO EHAM Schiphol, Amsterdam

RUNWAY (27L) DEPARTURES (BPK7G 27) ARRIVALS (REDF1A ALL) APPROACH (ILS 18R)

IFR (High-altitude airways)

HEATHROW D257C D278F D304H D325H CHT BPK TOTRI MATCH BF

SEARCH

REDFA

EHAM Schiphol

270° 2Kts

Alkmaar

The Hague

PLN in standaard vliegtuig MSFS-2020

WTG3000 voorbeeld.

In het FMC is dan de route ook terug te vinden.

Alle beschikbare functies van de avionics zijn nu toepasbaar op de route.



Lamama Presentatie 27-10-2025

G.Hageman & C. Wierda.

Vanavond

- SID&STAR/cruise route met LNM naar Flightplan,
- Flightplan in standaard vliegtuig MSFS2020
- Simbrief Flightplan in standaard vliegtuig,
- Simbrief Flightplan in PMDG/Fenix

SimBrief by Navigraph



ABOUT



REGISTER



DISPATCH





SimBrief and Navigraph

To access SimBrief, users need to sign in using a [Navigraph](#) account. Creating a Navigraph account is free, quick and easy.

SimBrief is free to use, however, it uses a slightly outdated navigation database by default. You can purchase a Navigraph subscription after registering, which will give you access to the latest real-world navigation data encoded for flight simulator use, updated every 28 days.

[CREATE A NAVIGRAPH ACCOUNT](#)

* You will be redirected back to SimBrief after registering.



i 19 Oct 2025 - Update 2025.87 is now live! This update includes various new features, view the full changelog [here](#).

Latest Flight Plan

20 Oct 2025 - 05:59 UTC

EHAM

Schiphol



LPFR

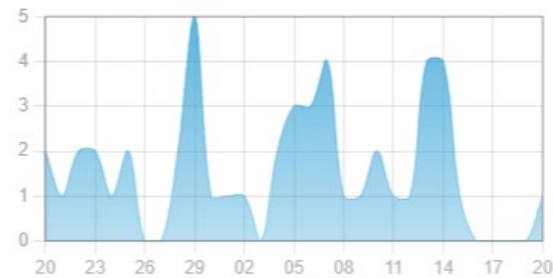
Gago
CoutinhoB777-300ER PH-BVF

View Flight Plan

Edit Flight

Flight Plans

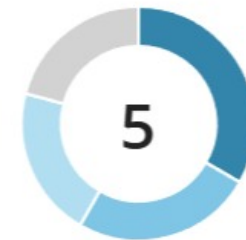
In the past 30 days



Create New Flight

View Saved Flights

Aircraft Types



View Saved Airframe

Create New Airframe

Your Recent Flights 2 - Flight plans you have recently generated

Flight	Depart	Arrive	Aircraft	Airframe	Depart Time	Time Enroute	Release Number
KLM72A	EHAM / AMS	LPFR / FAO	B77W	PH-BVF	20 Oct - 06:30 UTC	2:40	1
KLM72A	ENGM / OSF	EHAM / AMS	B77W	PH-BVF	15 Oct - 07:20 UTC	1:25	1

Flight Info

Airline Flight Number Depart Arrive Alternate Departure Time

Aircraft Info

[Open Airframe Editor](#)

Aircraft Type

Variant or Airframe

Climb Profile

Cruise Profile

Selections

OFP Layout

Units

Flight Maps

Flight Rules

Type of Flight

Optional Entries

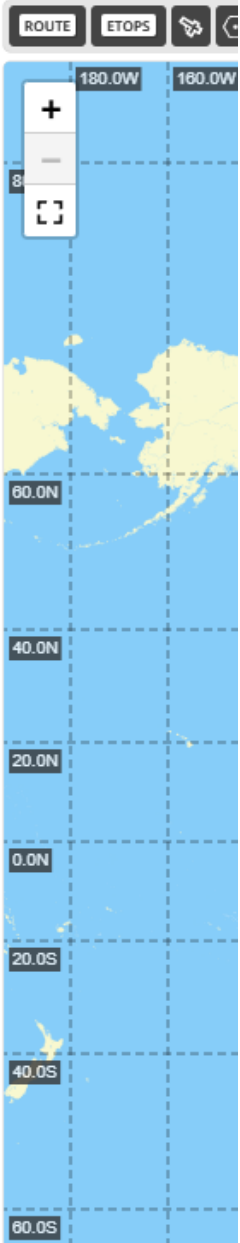
- Automatically calculated, but

Scheduled Block Time

:

Departure Runway

PH-AVA - FENIX A320 CFM (KLM)
PH-AVD - FENIX A320 (IAE V2527-A5 - WTF)
PH-BCA - B737-800 (KLM)
PH-BGG - B737-700 (KLM)
PH-BGG - B737-700 (KLM)
PH-BRA - B787-10 (Asobo/Working Title 787-10)
PH-BVD - B777-300ER (KLM Skyteam)
PH-BVF - B777-300ER (PMDG (MSFS))
PH-BXA - B737-800 (PMDG FIRST CLASS 160)
PH-BXS - B737-900 (KLM)
PH-BXS - B737-900 (KLM)
PH-HSA - B737-800 (Transavia)
PH-HSI - B737-800 (Transavia Peter Pan)
PH-HSJ - B737-800 (Transavia Sunweb)
PH-HXK - B737-800 (TRANSAVIA)
PH-TFR - B737-800 (PMDG ECONOMY 184)
PH-WRD - HondaJet (HondaJet)
PH-WRD - Twin Otter
PH-XRX - B737-700 (TRANSAVIA)
PH-YHD - FENIX A321 (CFM56-5B3 - SL - 1 ACT)



EOBT C

- 11:35 ▾

ame Editor

▾

ptions ▾

ve Defaults



Options ^

ngers

▾



Route



Selected Route

BPK7G BPK Q295 BRAIN M197 REDFA REDF1A

Analyze Route →

Find SID/STAR 🔍

View SID/STAR 📄

Your route is valid for AIRAC 2510!
Route distance: 224 nm (+ 12.1%).

Suggested Routes - Click to use

View All

BPK7G BPK Q295 BRAIN M197 REDFA
REDF1A



DET2G DET Q70 KOK DENUT DENU3A



BPK7G BPK Q295 MATCH REDFA REDF1A



BPK7G BPK Q295 BRAIN RATLO REDFA
AM260 AM261 AM262 TIDVO AM639 AM640



DENUT DENU3A



Flight Info

Airline (ICAO)	Flight Number	Depart 📍	Arrive 📍	Alternate 📍	Departure Time (EOBT) 🔄
TRA	52B	EGLL 🔍	EHAM 🔍	EHEH ▼	20 Oct 2025 - 11:35 ▼

Aircraft Info

[Open Airframe Editor](#)

Aircraft Type	Variant or Airframe	Sort by Registration ▼ 📄			
B738 - B737-800 ▼	PH-HSJ - Transavia Sunweb ▼				
Climb Profile	Cruise	Cost Index	Descent Profile	ATC Callsign	
250/280/78 ▼	CI ▼	AUTO	78/280/250 ▼	TRA52B	More Options ▼

Selections

[Current AIRAC](#)[Save Defaults](#)

OFP Layout	AIRAC Cycle	Detailed Navlog ☒	
LIDO ▼	AIRAC 2510 - 020ct25 to 290ct25 ▼	ETOPS Planning ☒	
Units	Flight Maps	Taxi Out / In (Minutes)	Plan Stepclimbs ☒
Kilograms ▼	Detailed ▼	20 / 8	Runway Analysis ☒
Flight Rules	Type of Flight	Alternates Count	Include NOTAMs ☒
IFR ▼	Scheduled ▼	1 ▼	FIR NOTAMs ☒

Optional Entries - Automatically calculated, but can be customized

[Hide Options ^](#)

Scheduled Block Time	Departure Runway 📍	Arrival Runway 📍	Altitude (Feet)	Passengers
1 : 10	27L ▼	18R ▼	AUTO	AUTO ▼
Freight (KG) ?	Payload (KG)	Zero Fuel Weight (KG)		
NONE ▼	AUTO ▼	AUTO ▼		

TRA52B	TRA52B	EGLL / LHR	EHAM / AMS	EHEH / EIN	B737-800
Departure Date	Departure Time	Arrival Time	Air Time	Block Time	Airframe
20 Oct 25	11:35 UTC	12:47 UTC	00:44	01:12	PH-HSJ

Flight Plan Summary

Initial Altitude	Cruise Profile	Route Distance	Average Wind	Wind Component	ISA Deviation
29,000 ft	CI 44	232 nm	184 / 42	P013	P00
Release Number	AIRAC Cycle	OFF Layout	Units	Navlog	ETOPS
1	2510	LIDO	KG	Yes	No

Load Sheet - All weights in KG

[Hide Details ^](#)

Enroute Burn	Passenger Count	Empty Weight	Estimated ZFW	Estimated TOW	Estimated LW
1,972 kg	166	41,682 kg	59,000 kg	63,643 kg	61,671 kg
Block Fuel 	Baggage	Payload	Max ZFW	Max TOW	Max LW
4,870 kg	4,141 kg	17,318 kg	62,732 kg	79,016 kg	66,361 kg

Route

[Hide Details ^](#)

EGLL/27L N0447F290 BPK7G BPK Q295 BRAIN M197 REDFA REDF1A EHAM/18R

[Copy](#)

Departure Airport - EGLL / LHR - Heathrow

 [Open Charts](#)

[Show Details](#) ▼

Arrival Airport - EHAM / AMS - Schiphol

 [Open Charts](#)

[Show Details](#) ▼

Alternate Airport - EHEH / EIN - Eindhoven

 [Open Charts](#)

[Show Details](#) ▼

Flight Plan Downloads - Get the [SimBrief Downloader](#) to install these files automatically

[Show Details](#) ▼

Profile on a Network - File a flight plan on an online virtual flying network

[Show Details](#) ▼

Search

Flights

Airports

Pinboards

User WPTs

EHAM to LPFR (KLM72A) ☆

General

Options

Export

View SimBrief OFP

Origin

EHAM / AMS

MVFR ●

Schiphol

Amsterdam, Netherlands

Runway

18L

→ 0 kts

↓ 12 kts

Departure

KUDA3E

Transition

WOODY

Destination

LPFR / FAO

VFR ●

Gago Coutinho

Faro, Portugal

Runway

28

→ 5 kts

↓ 9 kts

ARR

Arrival

ALAG5K

Transition

ALAGU

Approach

ILS Z RWY 28

Transition

GEBTI

Destination Alternates

LPPT / LIS

MVFR ●

Humberto Delgado

Lisbon, Portugal

Add Alternate

Unload

Hide

EHAM

RW18L

KUDA3E

WOODY

N872 6

AMMOF

N872 10

Route

Weather

Telemetry

Pinboard

HIGH IFR

☰

☾

▲

✈

🔄

MERID

◇

Edit

Hide

Flights

+ New Flight

↓ Import Flight

🔍 Filter Flights

Sort By

Name

Date



EHAM to LPFR (KLM72A)

EHAM/18L KUDA3E WOODY N872 MEDIL
UN872 ERIGA DCT FUJTI DCT PEPET DCT
BAKUP DCT BATAX DCT PINOX DCT TOFEF
DCT ALAGU ALAG5K LPFR/GEPTI.I28-Z

Monday 20th of October 2025



ENGM to EHAM (KLM72A)

ENGM/01L VIPA1A VIPPA DCT KUGAL DCT
EEL DCT BLUFA BLUF1A EHAM/ART2X.I36R

Monday 20th of October 2025



ENGM to EHAM (KLM72A)

ENGM/01L VIPA1A VIPPA DCT KUGAL DCT
EEL DCT BLUFA BLUF1A EHAM/ART2X.I36R

Wednesday 15th of October 2025



Route



Weather



HIGH
IFR



Edit

Hide

Flights

+ New Flight

Import Flight

Filter Flights

Sort By

Name

Date

EHAM to LPFR (KLM72A)

EHAM/18L KUDA3E WOODY N872 MEDIL
UN872 ERIGA DCT FUJTI DCT PEPET DCT
BAKUP DCT BATAX DCT PINOX DCT TOFEF
DCT ALAGU ALAG5K LPFR/GEBTI.I28-Z

Monday 20th of October 2025

★

ENGM to EHAM (KLM72A)

ENGM/01L VIPA1A VIPPA DCT KUGAL DCT
EEL DCT BLUFA BLUF1A EHAM/ART2X.I36R

Monday 20th of October 2025

★

Import Flight

Import from File

Import from SimBrief

Cancel

Import from SimBrief

EGLL to EHAM

TRA52B

EGLL/27L BPK7G BPK Q295 BRAIN M197
REDF1A REDF1A EHAM/18R

Departs Today 11:35Z



EHAM to LPFR

KLM72A

EHAM/18L KUDA3E WOODY N872 MEDIL UN872
ERIGA DCT FUJTI DCT PEPET DCT BAKUP DCT
BATAX DCT PINOX DCT TOFEF DCT ALAGU
ALAG5K LPFR/28

Departs Today 06:30Z



ENGM to EHAM

KLM72A

ENGM/01L VIPA1A VIPPA DCT KUGAL DCT EEL
DCT BLUFA BLUF1A EHAM/36R

Departs 2025-10-15 07:20Z



Route



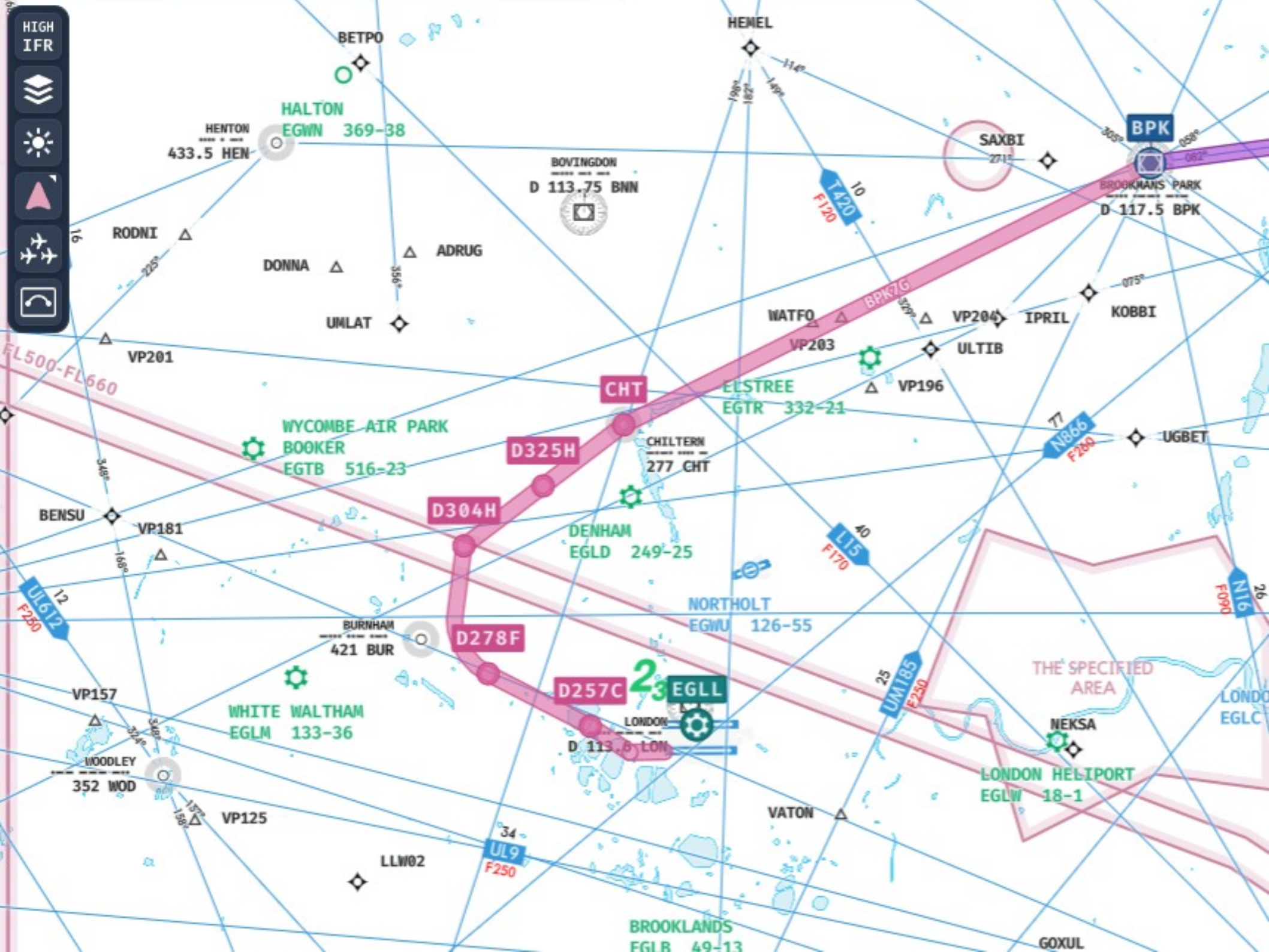
Wes

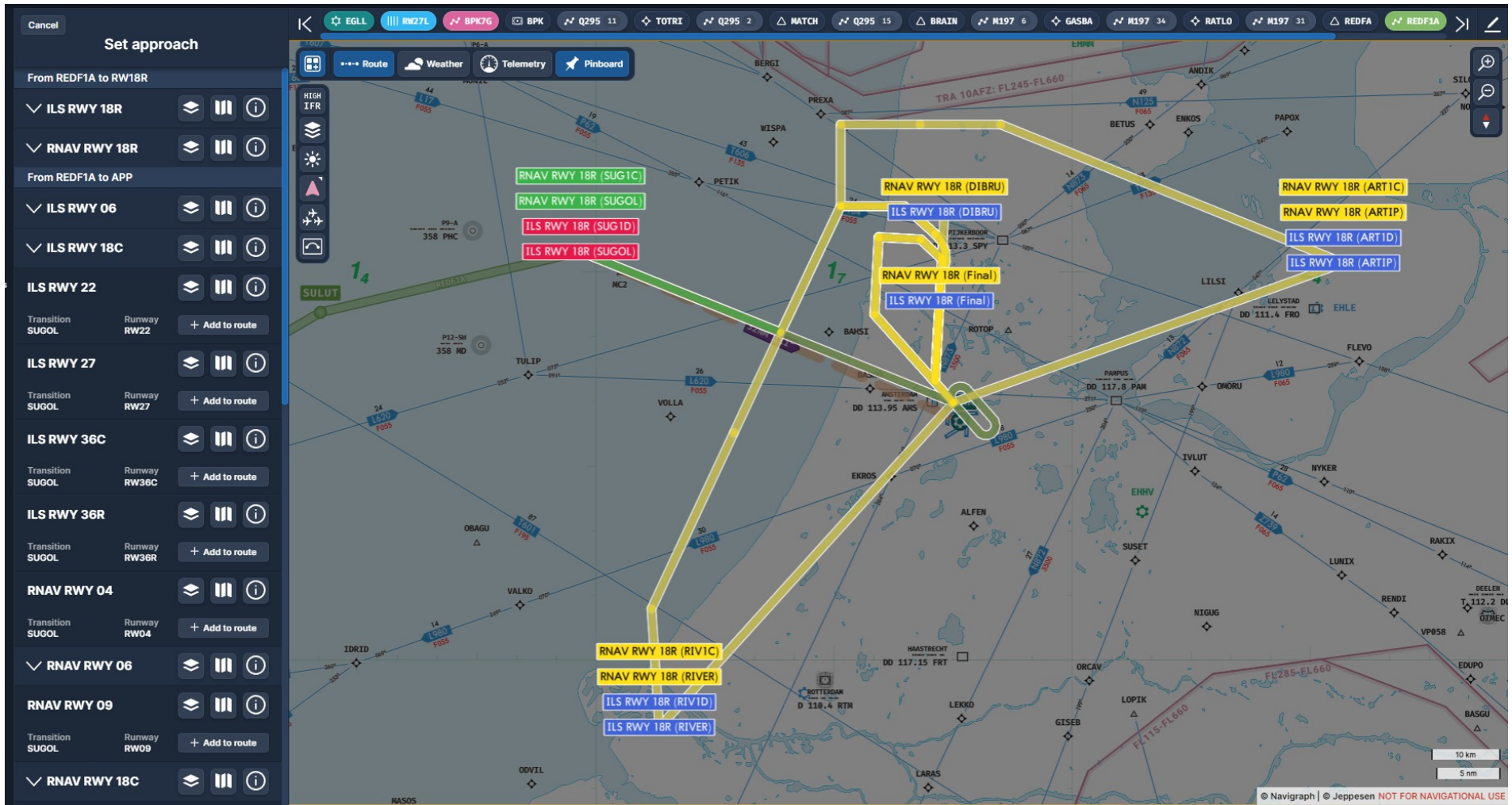
HIGH
IFR

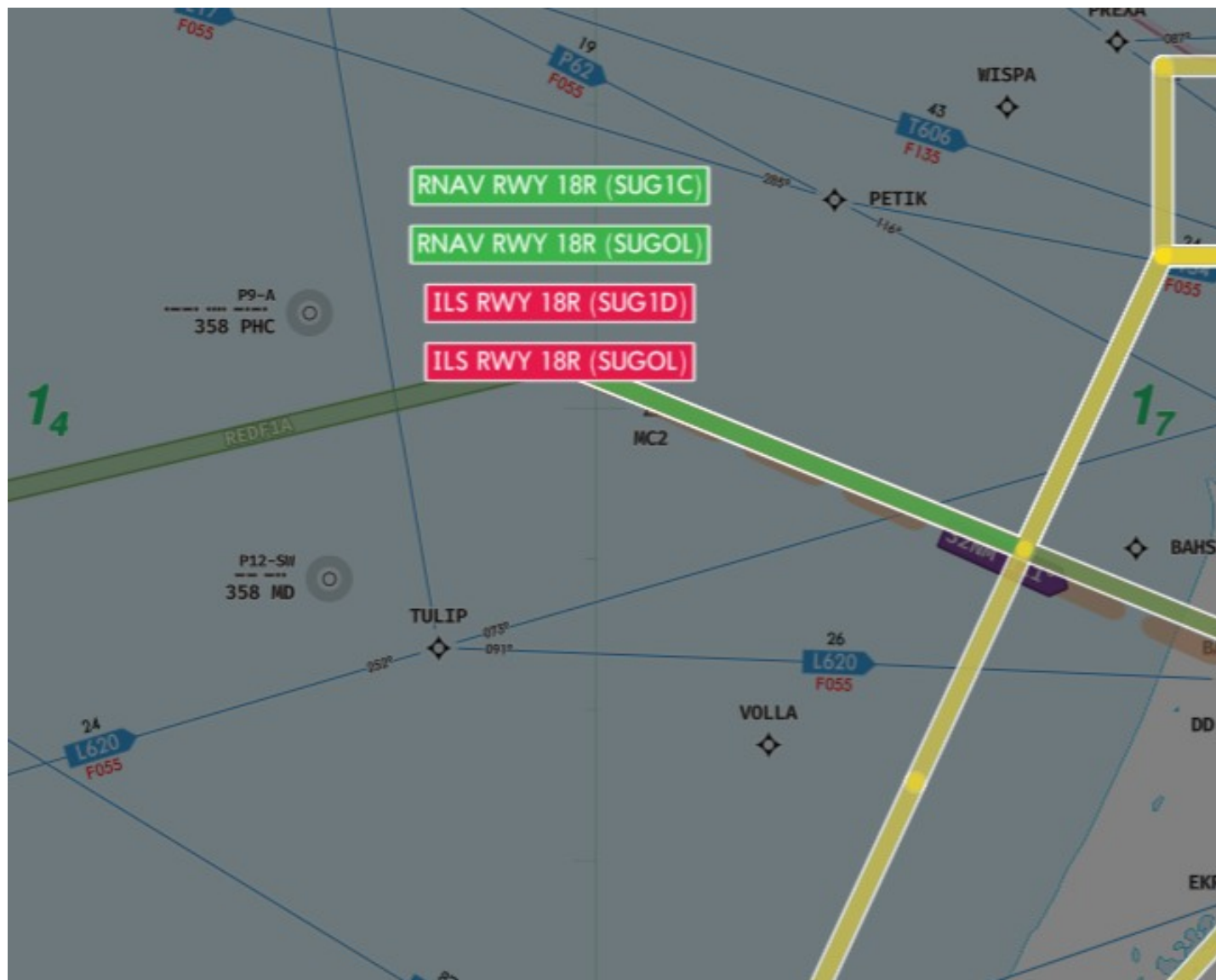


HIGH IFR

Icons: Clouds, Sun, Arrow, Planes, Refresh







From REDF1A to RW18R

^ ILS RWY 18R



Transition
SUGOL

Runway
RW18R

+ Add to route

Transition
SUGOL (SUG1D)

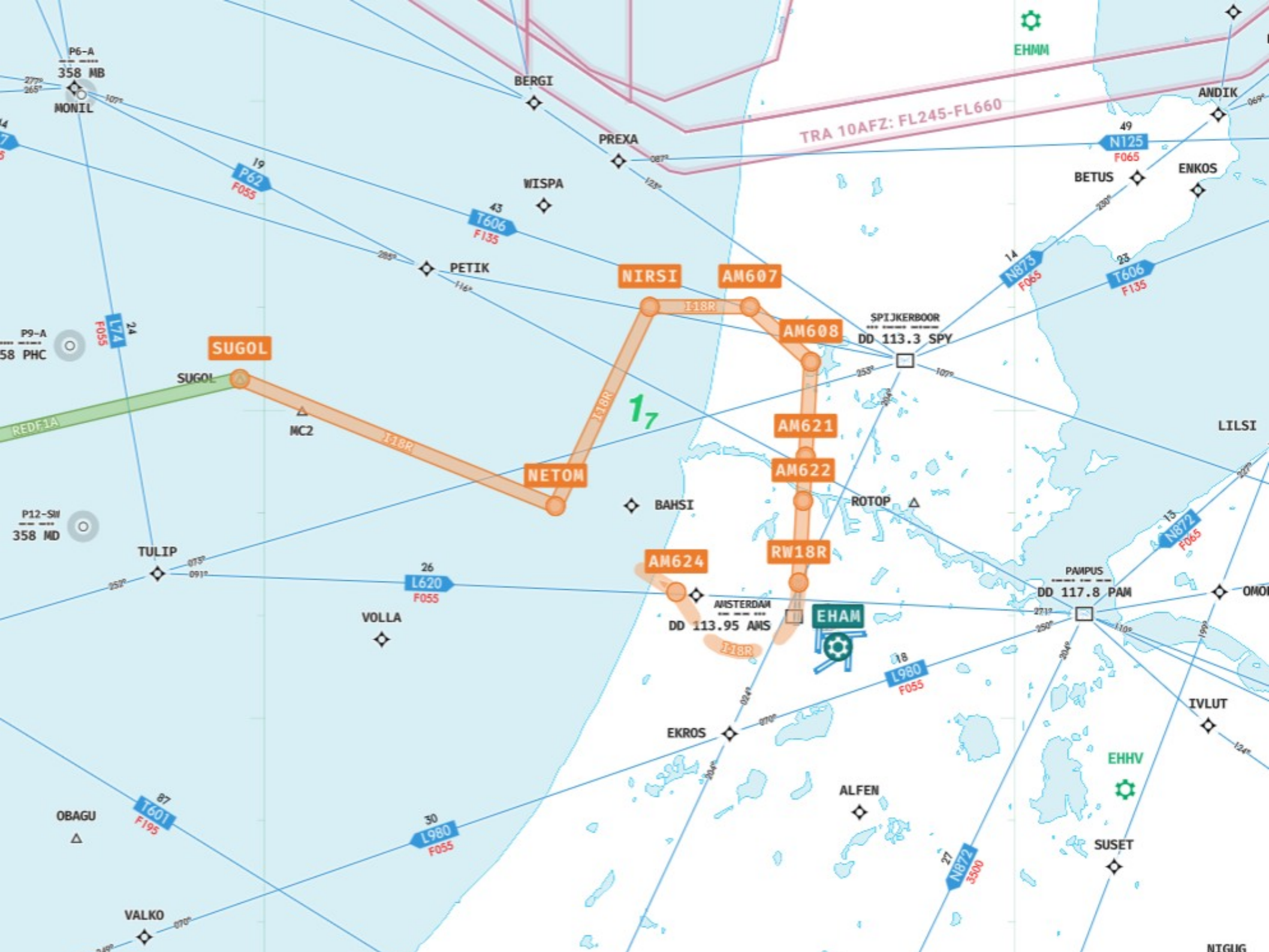
Runway
RW18R

+ Add to route

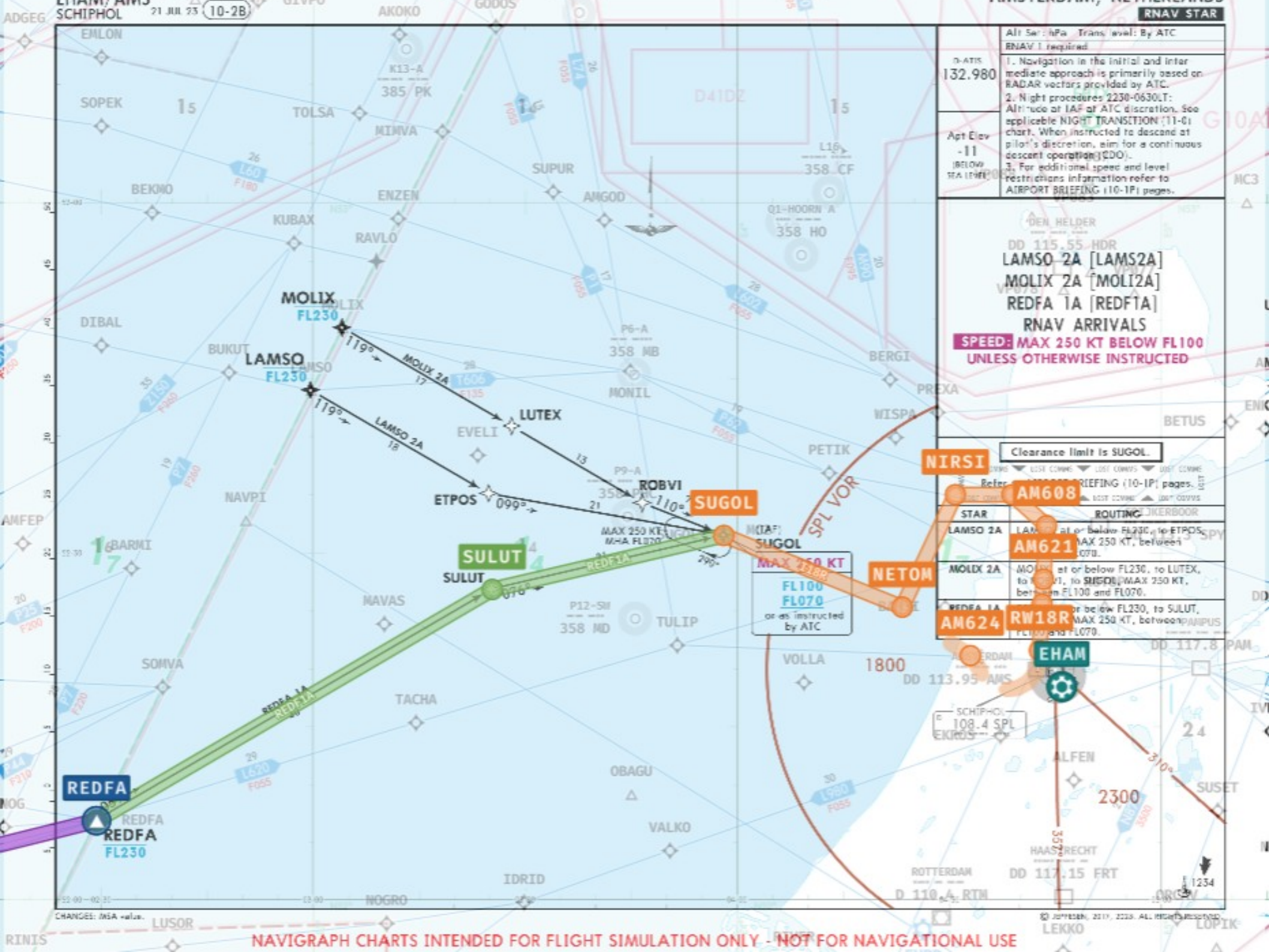
v RNAV RWY 18R



From REDF1A to APP



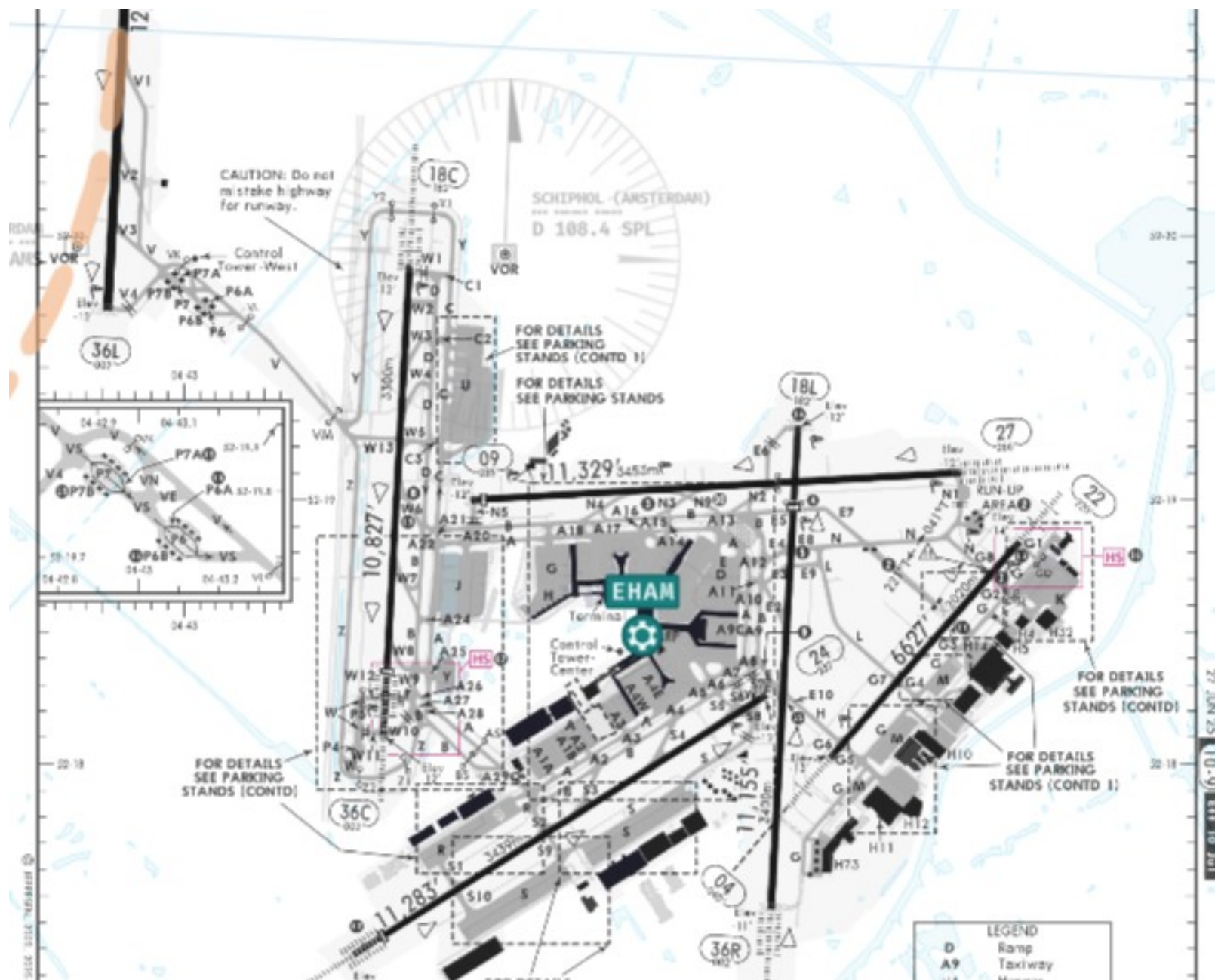




RNAV STAR	
Alt: Sea level	Trans level: By ATC
RNAV 1 required	
0-ATIS 132.980	1. Navigation in the initial and intermediate approach is primarily based on RADAR vectors provided by ATC.
Apt Elev -11 (BELOW SEA LEVEL)	2. Night procedures 2230-0630LT: Altitude at IAF at ATC discretion. See applicable NIGHT TRANSITION (11-0) chart. When instructed to descend at pilot's discretion, aim for a continuous descent operation (CDO).
	3. For additional speed and level restrictions information refer to AIRPORT BRIEFING (10-1P) pages.

RNAV ARRIVALS	
SPEED: MAX 250 KT BELOW FL100 UNLESS OTHERWISE INSTRUCTED	
DD 115.55 HDR	
LAMSQ 2A [LAMS2A]	
MOLIX 2A [MOLI2A]	
REDF A 1A [REDFTA]	

Clearance limit is SUGOL.	
Refer to AIRPORT BRIEFING (10-1P) pages.	
ROUTING: JKERBOOR	
STAR	AM608
LAMSQ 2A	LAMSQ 2A or below FL230, to ETPOS, MAX 250 KT, between 070.
MOLIX 2A	MOLIX 2A or below FL230, to LUTEX, to ETPOS, MAX 250 KT, between FL100 and FL070.
REDF A 1A	REDF A 1A or below FL230, to SULUT, MAX 250 KT, between FL100 and FL070.
AM621	
AM624	
RW18R	
EHAM	





AUTO CRUISE

Sim Rate: 1X

12:14 LOCAL / 11:14 UTC



Electronic
Flight Bag



Performance
Tool

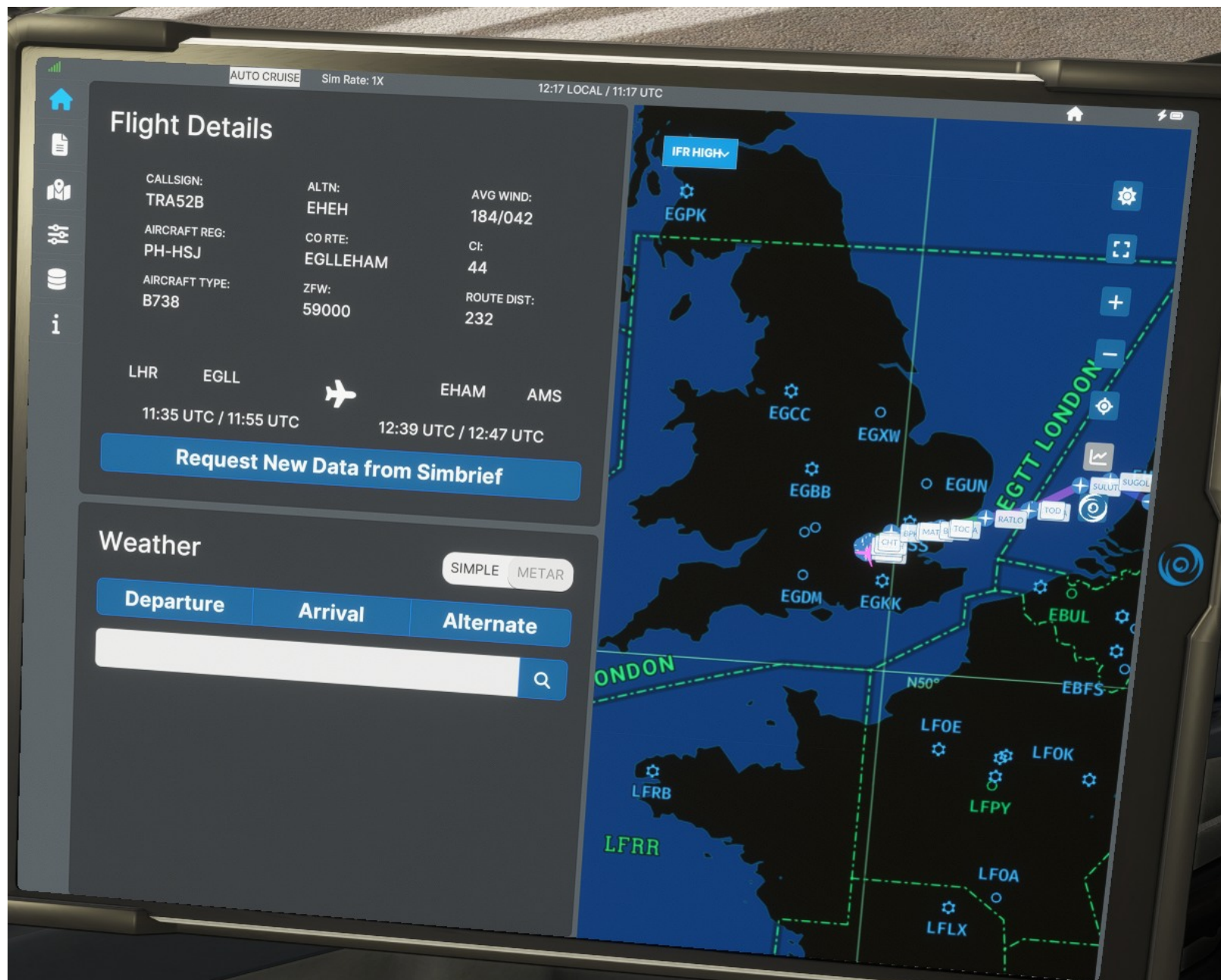


Ground
Operations



PMDG
Universal Flight Tablet









IDENT

MODEL 737-800 ENG RATING 26K

NAV DATA AIRAC-2510 OCT02OCT30/25 ACTIVE

OP PROGRAM
3.00.0112-MSFS

SUPP DATA

<INDEX

POS INIT>

INIT
REF

RTE

CLB

CRZ

DES

- BRT +

MENU

LEGS

DEP
ARR

HOLD

PROG

EXEC

RTE

1/2

ORIGIN

DEST

□□□□□

CO ROUTE

FLT NO.

FLT PLAN
REQUEST>

INIT
REF

RTE

CLB

CRZ

DES

- BRT +

ROUTE FILES

<PMDG 737 (47)

<SIMBRIEF RTE EGLL-EHAM

<RETURN

INIT
REF

RTE

CLB

CRZ

DES

- BRT +

MENU

LEGS

DEP
ARR

HOLD

PROG

EXEC

FLIGHT ID TRA52B

DEPT	DEST	ALTN
EGLL	EHAM	EHEH
INIT ALT	CI	DIST
FL290	44	203NM

ZFW	RSRV	BLK FUEL
59.0	2.0	4.9

<SET PAYLOAD SET FUEL>

<RETURN SELECT RTE>

INIT

RTE

CLR

CRZ

DESC

- BRT +

FLIGHT ID TRA52B

DEPT	DEST	ALTN
EGLL	EHAM	EHEH

INIT ALT	CI	DIST
FL290	44	203NM

ZFW	RSRV	BLK FUEL
59.0	2.0	4.9

<SET PAYLOAD SET FUEL>

<RETURN SELECT RTE>
SIMBRIEF PAYLOAD SET

INIT

RTE

CLR

CR7

DESC

- BRT +

RTE

1/2

ORIGIN
EGLL

DEST
EHAM

CO ROUTE

FLT NO.
TRA52B

RUNWAY

FLT PLAN

REQUEST

RTE

1/2

ORIGIN
EGLL

DEST
EHAM

CO ROUTE

FLT NO.
TRA52B

RUNWAY

<LOAD

ROUTE UPLINK READY

INIT
REF

RTE

CLB

CRZ

DES

- BRT +

RTE

1/2

ORIGIN

DEST

EGLL

EHAM

CO ROUTE

FLT NO.

TRA52B

RUNWAY

<SAVE

ACTIVATE>

ROUTE DATA UPLINK

INIT
REF

RTE

CLB

CRZ

DES

- BRT +

MENU

LEGS

DEP
ARR

HOLD

PROG

EXEC

RTE

1/2

ORIGIN

DEST

EGLL

EHAM

CO ROUTE

FLT NO.

TRA52B

RUNWAY

ROUTE DATA UPLINK

INIT
REF

RTE

CLB

CRZ

DES

- BRT +

MENU

LEGS

DEP

HOLD

PROC

ACT RTE

1/2

ORIGIN

DEST

EGLL

EHAM

CO ROUTE

FLT NO.

TRA52B

RUNWAY

FLT PLAN

REQUEST>

<SAVE

<ALTN DEST

PERF INIT>

INIT

- RPT +

DEP/ARR INDEX 1/1

<DEP

EGLL

ARR>

EHAM

ARR>

DEP

OTHER

ARR

<-----

----->

INIT
REF

RTE

CLB

CRZ

DES

- BRT +

EGLL DEPARTURES 1/2

SIDS
BPK7G

<SEL> RUNWAYS
27L

CPT3G

DET2G

GOGS2G

MAXI1G

<ERASE

ROUTE>

INIT
REF

RTE

CLB

CRZ

DES

- BRT +

MENU

LEGS

DEP

HOLD

PROC

EGLL DEPARTURES 1/1

SIDS

RUNWAYS

BPK7G

<SEL><SEL>

27L

TRANS

-NONE-

<ERASE

ROUTE>

INIT
REF

RTE

CLB

CRZ

DES

- BRT +





BACKGROUND BRIGHT

AFDS FLOOD BRIGHT

OFF

OFF

The background brightness and AFDS flood brightness controls are shown. The background brightness control is labeled "BACKGROUND BRIGHT" and the AFDS flood brightness control is labeled "AFDS FLOOD BRIGHT". Both controls have a "BRIGHT" position and an "OFF" position. The background brightness control is currently in the "BRIGHT" position and the AFDS flood brightness control is currently in the "OFF" position.

ACT RTE

269° TRK

(590) <CTR>

(INTC)

297°

D257C

297°

D278F

001°

D304H

RNP/ACTUAL

1.00/0.06NM

LEGS

0.8NM

0.0NM

1.5NM

3.4NM

4.0NM

4000A

STEP

1/3

590

The ACT RTE display shows the current route and the next leg of the route. The display is labeled "ACT RTE", "269° TRK", "(590) <CTR>", "(INTC)", "297°", "D257C", "297°", "D278F", "001°", "D304H", "RNP/ACTUAL", "1.00/0.06NM", "LEGS", "0.8NM", "0.0NM", "1.5NM", "3.4NM", "4.0NM", "4000A", "STEP", and "1/3".

DEP/ARR INDEX 1/1

<DEP

EGLL

ARR>

EHAM

ARR>

DEP

OTHER

ARR

<-----

----->

INIT
REF

RTE

CLB

CRZ

DES

- BRT +

EHAM ARRIVALS 1/6

STARS	APPROACHES
BLUF1A	ILS 06

DENU3A	ILS 18C
--------	---------

HELE2A	ILS 18R
--------	---------

LAMS2A	ILS 22
--------	--------

MOLI2A	ILS 27
--------	--------

<INDEX	ROUTE>

EHAM ARRIVALS 1/2

STARS APPROACHES
BLUF1A <SEL>ILS 18R

DENU3A G/S
 ON/OFF>

HELE2A TRANS
 ART1D

LAMS2A ARTIP

MOLI2A DIBRU

<ERASE ROUTE>

INIT
REF

RTE

CLB

CRZ

DES

- BRT +

DEP

EHAM ARRIVALS 1/2

STARS APPROACHES
REDF1A <SEL><SEL>ILS 18R

TRANS G/S
-NONE- ON/OFF>

TRANS
ART1D

ARTIP

DIBRU

<ERASE

ROUTE>

INIT
REF

RTE

CLB

CRZ

DES

- BRT +

MENU

LEGS

DEP
ARR

HOLD

PROG

EXEC

EHAM ARRIVALS 1/1

STARS APPROACHES
REDF1A <SEL><SEL>ILS 18R

TRANS G/S
-NONE- ON/OFF>

<SEL> TRANS
SUG1D

<ERASE

ROUTE>

INIT
REF

RTE

CLB

CRZ

DES

- BRT +

MENU

LEGS

DEP

HOLD

PROG

EXEC

EHAM ARRIVALS 1/1

STARS APPROACHES
REDF1A <SEL><SEL>ILS 18R

TRANS G/S
-NONE- ON/OFF>

<SEL> TRANS
SUG1D

<ERASE

ROUTE>

INIT
REF

RTE

CLB

CRZ

DES

- BRT +

MENU

LEGS

DEP

HOLD

PROG

EXEC

EHAM ARRIVALS 1/1

STARS APPROACHES
REDF1A <ACT><ACT>ILS 18R

TRANS G/S
-NONE- ON/OFF>

<ACT> TRANS
SUG1D

<INDEX

ROUTE>

INIT
REF

RTE

CLB

CRZ

DES

- BRT +

ACT	RTE	LEGS	3/6
Ø82°	15.ØNM	-----/-----	
BRAIN			
Ø75°	6.2NM	-----/-----	
GASBA			
Ø73°	33.4NM	-----/-----	
RATLO			
Ø75°	3Ø.7NM	-----/FL23ØB	
REDF A			
Ø58°	39.6NM	-----/-----	
SULUT			
RNP/ACTUAL-----			
1.ØØ/Ø.Ø7NM		RTE DATA>	

INIT
REF

RTE

CLB

CRZ

DES

- BRT +

ACT	RTE	LEGS	4/6
075°	20.5NM		
SUGOL	250B	/FL100	FL140
110°	16.1NM		
NETOM		250B	/FL070A
023°	10.1NM		
NIRSI		220B	/FL055A
088°	4.7NM		
AM607		-----/-----	
130°	3.9NM		
AM608		-----/	3400A
RNP/ACTUAL-----			
1.00/0.07NM		RTE DATA>	

INIT
REF

RTE

CLB

CRZ

DES

- BRT +

DEP

ACT	RTE	LEGS	5/6
181°		4.6NM	
AM621		----/	2000A
182°		2.2NM	
AM622		----/	1310
181°		4.1NM GP	3.00°
RW18R		----/	37
182° TRK		0.7NM	
(500)		----/	500
289°		6.9NM	
AM624		220B/	2000
RNP/ACTUAL-----			
1.00/0.06NM		RTE DATA>	

MAIN PANEL DUs

LOWER DU



LIGHTS

TEST

BRT

DIM

ISFD HEADING FROM LEFT IRS ONLY



FUEL FLOW RESET

RATE USED

ENG SYS

USED

OFF

ANTISKID

RTO

1 2 3

4 VREF WT

5

6

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9

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11

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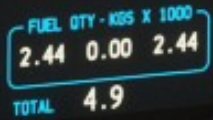
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UPPER DU

BACKGROUND BRIGHT

AFDS FLOOD BRIGHT

OFF

ACT RTE LEGS 5/6
181° 4.6NM
AM621 <CTR> / 2000A
182° 2.2NM
AM622 / 1310
181° 4.1NM GP 3.00°
RW18R / 37
182° TRK 0.7NM / 500
(500)
289° 6.9NM
AM624 2208 / 2000
STEP>



OIL PRESS

GS 0 TAS

(590)
0.8NM



ATT RST

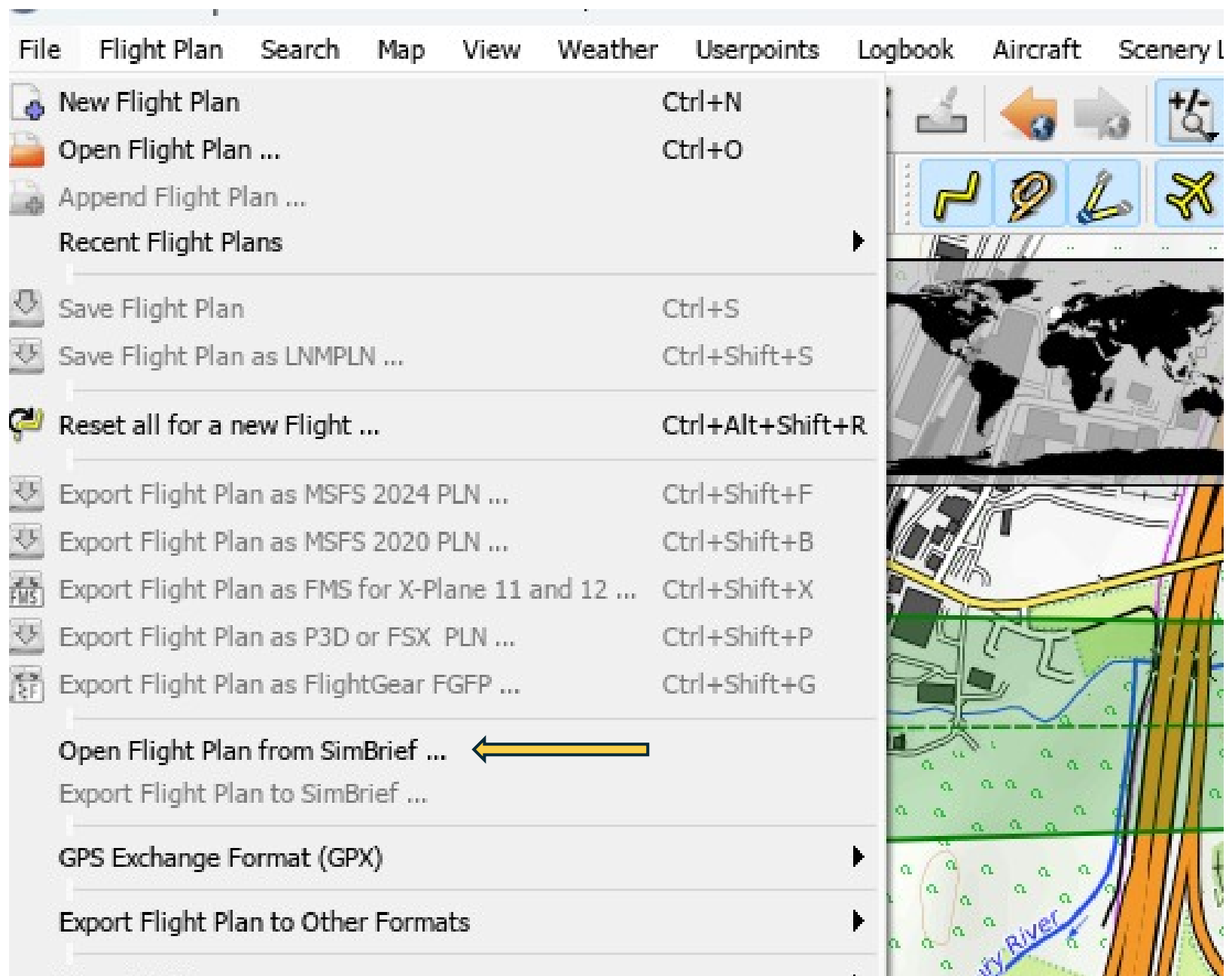
BARO

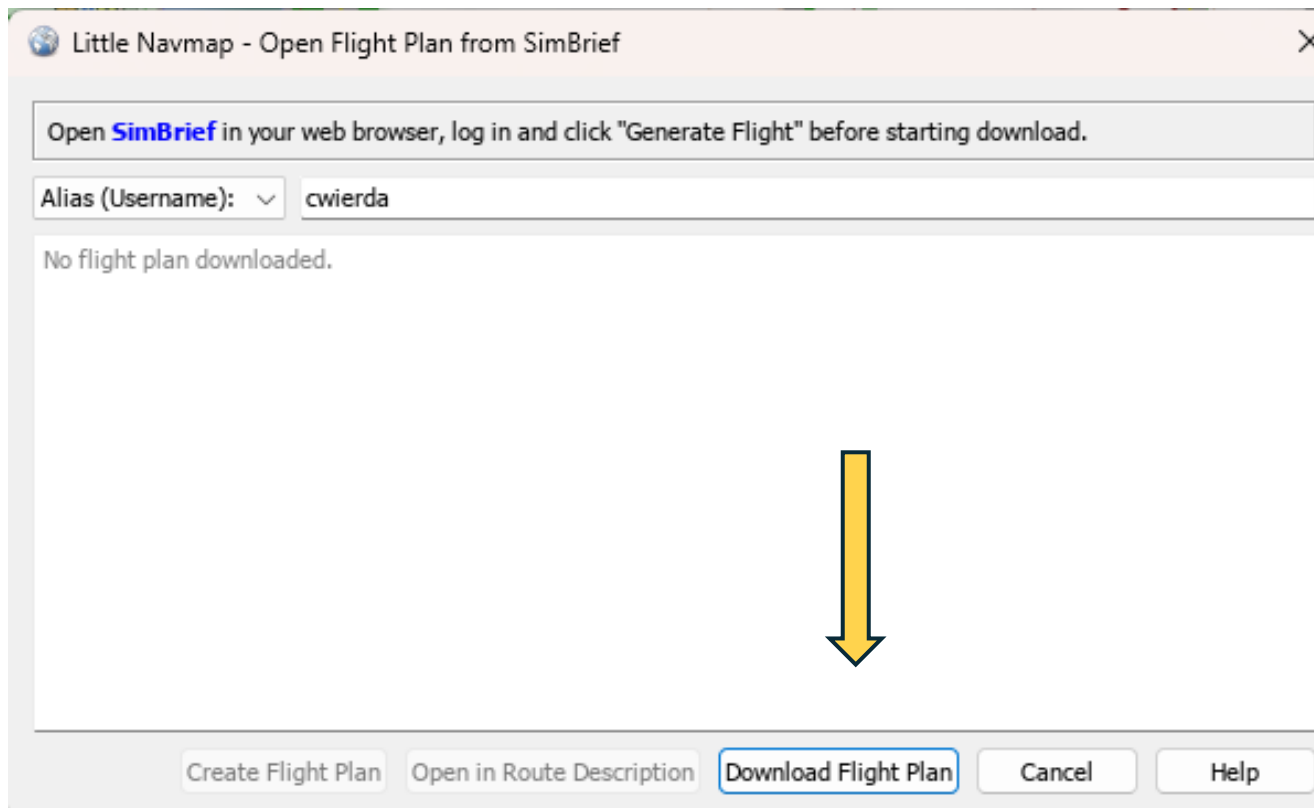


BACKGROUND
BRIGHT

AFDS FLOOD
BRIGHT

ACT RTE LEGS 4/6
075° 20.5NM
SUGOL 250B/FL100 FL140
110° 16.1NM
NETOM 250B/FL070A
023° 10.1NM
NIRS1 <CTR>220B/FL055A
088° 4.7NM
AM607 3.9NM / 3400A
130°
AM608
/ACTUAL
STEP>





Little Navmap - Open Flight Plan from SimBrief

×

Open [SimBrief](#) in your web browser, log in and click "Generate Flight" before starting download.

Alias (Username):

▼

cwierda

Flight successfully downloaded. Reading of route description successful.

Flight plan from **Heathrow (EGLL)** to **Schiphol (EHAM)**.
Distance without procedures is **261 NM**.
Using cruise altitude **29.000 ft** for flight plan.
Depart using SID **BPK7G** and runway **27L**.
Arrive using STAR **REDF1A** and runway **18R**.
Land at runway **18R**.
Alternate airport is **EHEH**.

Route description:
EGLL/27L N0447F290 BPK7G BPK Q295 BRAIN M197 REDFA REDF1A EHAM/18R EHEH.

Found 10 waypoints:
EGLL BPK TOTRI MATCH BRAIN GASBA RATLO REDFA EHAM EHEH.

Create Flight Plan

Open in Route Description

Download Flight Plan

Cancel

Help





Flight Planning
Flight Plan Remarks Flight Plan * Fuel
29,000 ft IFR
Heathrow (EGLL) to Schiphol (EHAM)
Distance 227 NM
Takeoff from 27L, 269°M, 12,011 ft. Wind 10 kts>. Depart using SID BPK7G.
Arrive using STAR REDF1A.
Land at 18R, 181°M, 11,570 ft, -11 ft elevation, PAPI4. Wind 13 kts> 3 kts>.

Ident	Name	Procedure
10	BPK Brookmans Park	SID BPK7G
11	TOTRI	
12	MATCH	
13	BRAIN	
14	GASBA	
15	RATLO	
16	REDF1A	STAR REDF1A
17	SULUT	STAR REDF1A
18	SUGOL	STAR REDF1A
19	RW18R+3	Approach
20	RW18R	Approach
21	EHAM Schiphol	Destination
22	EHEH Eindhoven Airport	Alternate

Found problems in flight plan. Click here for details.

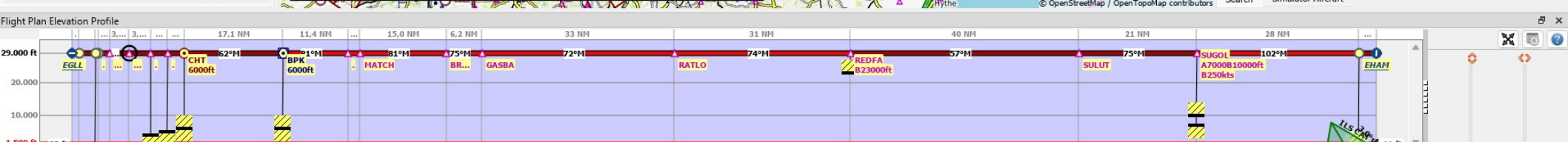
Information
Line Clients Airport Navais
Overview Runways Com Profs
Heathrow (EGLL) ★★★★★ Map, Departure Proc.
Bearing and distance from user aircraft: 72°M, 1.0 NM
Region: EG
City: London
State or Province: Middlesex
Country or Area Code: United Kingdom
Elevation: 83 ft
Magnetic declination: 0.8° East
Transition altitude: 6,000 ft
Sunrise and sunset: 05:59, 17:32 UTC (civil twilight, simulator date)



Search
Airports Navais Procedures Userpoints
ILS Approaches Runway 18R Search
Schiphol (EHAM)
Wind prefers runways 18L, 18C, 18R and 22. METAR source "NOAA".

Description	Ident	Restrictions
Approach ILS 18R (7 transitions)	AM622 (118R)	
Transition	ART1D	
Transition	ARTIP	
Transition	DIBRU	
Transition	RIV1D	
Transition	RIVER	
Transition	SUG1D	
Initial fix	SUGOL (IAF)	A 10,000, B 1
Track to fix	NETOM	A 7,000,
Track to fix	NIRSI	A 5,500,
Track to fix	AM607	
Track to fix	AM608	
Track to fix	AM621	
Transition	SUGOL	
Initial fix	AM621 (FACF)	
Course to fix	AM622 (FAF)	GS 1.31
Course to fix	RW18R (MAP)	
Fix to altitude	RW18R	
Direct to fix	AM624	2,000,
From fix to manual termination		

Search Simulator Aircraft



SID BPK7G.

Arrive using STAR **REDF1A**.

Land at **18R**, 181°M, 11.570 ft, -11 ft elevation, PAPI4. **Wind** 13 kts▼ 3 kts►.

	Ident	Name	Procedure
10	 BPK	Brookmans Park	SID BPK/G
11	 TOTRI		
12	 MATCH		
13	 BRAIN		
14	 GASBA		
15	 RATLO		
16	 REDFA		STAR REDF1A
17	 SULUT		STAR REDF1A
18	 SUGOL		STAR REDF1A
19	 RW18R+3		Approach
20	 RW18R		Approach
21	 EHAM	Schiphol	Destination

SID **BPK7G**.

Arrive using STAR **REDF1A**.

Land at **18R**, 181°M, 11.570 ft, -11 ft elevation, PAPI4. Wind 13 kts▼ 3 kts►.

	Ident	Name	Procedure
1	 <u>EGLL</u>	Heathrow	Departure
2	 RW27L		SID BPK7G
3			SID BPK7G
4			SID BPK7G
5	 D257C	LON257003	SID BPK7G
6	 D278F	LON278006	SID BPK7G
7	 D304H	LON304008	SID BPK7G
8	 D325H	LON325008	SID BPK7G
9	 CHT	Chiltern	SID BPK7G
10	 BPK	Brookmans Park	SID BPK7G
11	 TOTRI		
12	 MAFSCU		

ZONDER approach



MET approach



Einde

presentatie

Dank voor de belangstelling, Cees en Gradus