

MUAC AO AIRAC 2406 Brief – 13-06-2024

Introduction

The MUAC AO AIRAC Brief informs AOs and CFSPs about significant changes in routeings and RAD restrictions in the MUAC airspace. It does not supersede the official publication of AIP or RAD; it rather aims to provide complementary information regarding some changes which affect flight planning in the MUAC airspace.

This Brief includes a summary of changes which become effective on **AIRAC 13-06-2024**.

Summer 2024 Network Measures

Maastricht UAC has contributed to the RAD Special Annex with the following six measures. The objective is to off-load the Maastricht UAC Brussels sector group for which high demand is expected (even above 2019 traffic levels).

Measures NM2054 and NM2055 are active daily 04:00 – 23:00 UTC from AIRAC June (13 JUN 2024 00:00 UTC) until the end of AIRAC September (02 OCT 2024 23:50 UTC).

Measures NM2047, NM2048, NM2049 and NM2053 are not active the entire timeframe. There are explicit days in June and July during which these measures are not active due to expected traffic patterns related to the UEFA football championship. The dates on which the measures are not active are 13 JUN – 02 JUL, 05 JUL – 07 JUL and 09 JUL – 11 JUL.

ID	Point or Airspace	Utilization	Time Applicability
NM2047	EDYYBUTA	NOT AVBL FOR TFC DEP EGBB AND-THEN ARR EDDF	03-04 JUL, 08, JUL, 12 JUL-AIRAC SEP (04:00-23:00)
NM2048	EDYYBUTA	NOT AVBL FOR TFC DEP EGCC AND-THEN ARR EDDF	03-04 JUL, 08, JUL, 12 JUL-AIRAC SEP (04:00-23:00)
NM2049	EDYYBUTA	NOT AVBL FOR TFC DEP EGGP AND-THEN ARR EDDF	03-04 JUL, 08, JUL, 12 JUL-AIRAC SEP (04:00-23:00)
NM2053	EDYYBUTA	NOT AVBL FOR TFC DEP EDDF AND-THEN ARR LONDON_SOUTH_GROUP EXC EGKK	03-04 JUL, 08, JUL, 12 JUL-AIRAC SEP (04:00-23:00)
NM2054	EDYYBUTA	NOT AVBL FOR TFC DEP LONDON_SOUTH_GROUP EXC EGKK AND-THEN ARR EDDL	AIRAC JUN-AIRAC SEP (04:00-23:00)
NM2055	EDYYBUTA	NOT AVBL FOR TFC DEP EDDL AND-THEN ARR LONDON_SOUTH_GROUP EXC EGKK	AIRAC JUN-AIRAC SEP (04:00-23:00)

Recommended routings to circumnavigate these measures are as follows:

Measure	ADEP	ADES	Recommended Routing
NM2047	EGBB	EDDF	SID DTY P166 BANTO / SID UNGAP and then P155 SIVDA P137 REDFA L620 TACHA DCT NOLRU DCT DIXAT T149 LIPMI T911 TANJO <i>(when EHTRA12Z / EHTRA12AZ not active)</i>
			SID DTY P166 BANTO / SID UNGAP and then P155 SIVDA P137 REDFA L620 TACHA DCT SOGPO DCT DIXAT T149 LIPMI T911 TANJO <i>(route available H24)</i>
NM2048	EGCC	EDDF	SID SONEX UL975 DESIG / SID DESIG and then L603 DOLAS DCT NAVPI DCT NOLRU DCT DIXAT T149 LIPMI T911 TANJO <i>(when EHTRA12Z / EHTRA12AZ not active)</i>
			SID SONEX UL975 DESIG / SID DESIG and then L603 DOLAS DCT NAVPI DCT SOGPO DCT DIXAT T149 LIPMI T911 TANJO <i>(route available H24)</i>
NM2049	EGGP	EDDF	BARTN UL975 DESIG L603 DOLAS DCT NAVPI DCT NOLRU DCT DIXAT T149 LIPMI T911 TANJO <i>(when EHTRA12Z / EHTRA12AZ not active)</i>
			BARTN UL975 DESIG L603 DOLAS DCT NAVPI DCT SOGPO DCT DIXAT T149 LIPMI T911 TANJO <i>(route available H24)</i>
NM2053	EDDF	EGGW	OBOKA Z29 TORNU DCT NOGRO M40 RINIS <i>(when EBTRANB / EHTRA12Z / EHTRA12AZ not active)</i>
			OBOKA Z29 TORNU DCT BREDA DCT NOGRO M40 RINIS <i>(route available H24)</i>
		EGLC, EGKB	OBOKA Z29 TORNU DCT GALSO Q63 SUMUM <i>(when EBTRANB / EHTRA12Z / EHTRA12AZ not active)</i>
			OBOKA Z29 TORNU DCT BREDA DCT GALSO Q63 SUMUM <i>(route available H24)</i>
		EGLL	OBOKA Z29 TORNU DCT ABNED L980 LOGAN <i>(when EBTRANB / EHTRA12Z / EHTRA12AZ not active)</i>
			OBOKA Z29 TORNU DCT BREDA DCT ABNED L980 LOGAN <i>(route available H24)</i>

Measure	ADEP	ADES	Recommended Routing
NM2054	EGGW	EDDL	MATCH Q295 BRAIN M197 REDFA L620 TACHA DCT PAM P62 PISAP (max FL330)
	EGKB		DET M604 GASBA M197 REDFA L620 TACHA DCT PAM P62 PISAP
	EGLC		ODUKU M84 CLN P44 RATLO M197 REDFA L620 TACHA DCT PAM P62 PISAP
	EGLL		BPK Q295 BRAIN M197 REDFA L620 TACHA DCT PAM P62 PISAP (max FL330)
NM2055	EDDL	EGGW	SONEB P64 TENLI L980 PAM DCT NOGRO M40 RINIS (max FL320)
		EGLC, EGKB	SONEB P64 TENLI L980 PAM DCT GALSO Q63 SUMUM (max FL320)
		EGLL	SONEB P64 TENLI L980 PAM DCT ABNED L980 LOGAN (max FL320)

DEP EHEH / EHBK via MEVEL - HMM

Flights from EHEH and EHBK via MEVEL and HMM currently have to file a DCT segment between the two points when connecting to MUAC FRA. With the upcoming AIRAC, the upper vertical limit of ATS-Route Z44 will be raised from FL245 to FL660 which implies that flights can file via the ATS-Route instead of DCT. This has the benefit that routes between lower and upper airspace are compatible.

Connecting Routes to MUAC FRA are modified as follows:

- DEP EHEH - VELNI Y869 SUMOP L179 **MEVEL Z44 HMM**
- DEP EHBK - NETEX Z283 VEBAK L179 **MEVEL Z44 HMM**

DEP EBBR, EBCI via SOPOK

Flights departing from EBBR / EBCI via SOPOK SID and then route Y863 via ETENO to ROPUV are subject to a quite dense and complex airspace structure with many ATC sectors from four different ANSPs involved (Skeyes Brussels ACC, Eurocontrol Maastricht UAC, DFS Karlsruhe UAC and in case of slow climbing flights also DFS Langen ACC). In order to achieve a clear sector sequence between those units, following profile requirement is published since many years in AIP Belgium & Luxembourg for all SOPOK SIDs which has the objective that flights are not crossing the airspace of DFS Langen ACC:

“Traffic proceeding via SOPOK- ETENO and planned above FL 245 shall cross BULUX at FL 170 MNM and ETENO at FL 250 MNM”.

It however occurs regularly that flights with low climb performance, usually heavy aircraft types with long-haul destination aerodrome, do not achieve this profile requirement. If this is not noticed before departure but only during the climb, there is not much time for ATC to coordinate the entry into the airspace of Langen ACC. Situations have already occurred in which the aircraft was crossing the airspace of Langen ACC but not under control of the respective ATC sector.

As this is considered potentially unsafe, the following RAD will be introduced which requires specific combinations of aircraft type and destination aerodrome to file below FL245 until point ROPUV. ATC will monitor the situation and eventually adapt the combinations based on post-ops data analysis.

ID	Airway	From	To	Utilization
EDYX1191	Y863	SOPOK	ROPUV	<p>NOT AVBL FOR TFC ABV FL245 DEP (EBBR, EBCI) 1. TYP A320 & ARR (HEGN, HEMA, HESH, LCPH, LLBG, UDYZ) 2. TYP A321 & ARR LTFJ 3. TYP A21N & ARR OLBA 4. TYP A333 & ARR (D***, F***, H***) 5. TYP A332 & ARR (FIMP, UACC, VCBI, Z***) 6. TYP B744 & ARR WSSS 7. TYP B748 & ARR ZUUU 8. TYP B789 & ARR RJAA</p>

How to contact Maastricht UAC

AIRAC information and flight planning advice

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