

Mutley's Easter Bunny Air Rally 2019
MEBAR 2019
Event Briefing and Flight Leg Navigation Instructions

Welcome to the MEBAR 2019. The event will be flown in accordance with Visual Flight Rules (VFR) in Visual Meteorological Conditions (VMC) and Instrument Flight Rules (IFR), by day and night and using VOR / NDB NAVAIDS and dead reckoning. **Note: For the purposes of the event, all pilots are deemed to hold a command instrument rating or night VFR rating and all aircraft are deemed suitably equipped for such operations.**

A set of Flight Situation files has been provided for each Flight Leg relative to the FS version being used (see the separate instructions on how to install these files). These files have you established at the end of the designated operating runway for the prevailing weather conditions at a specified date / time. This date / time is the virtual date / time the event is conducted under. All you have to do is select your aircraft of choice, make adjustments to fuel and payload based on **specified Flight Leg Briefing instructions** and / or your individual flight planning, conduct any pre-flight checklists, as necessary, and when you are ready, commence your take-off roll. Those participants who wish to start from a "cold and dark" situation and / or ramp parking areas or gates, re-position your aircraft accordingly. You should also consider a minor adjustment to the clock, e.g. T minus (-) 15 mins, where T is the designated take-off time in the situation file. If individual flight planning and operating aircraft type necessitate a change to the departing runway, participants can also taxi or re-position the aircraft accordingly. **Note: In some situations, this may introduce a significant crosswind on take-off.**

For those participants who are not used to pre-flight checklists, it is suggested some basic attention, at least, be given to radio navigation frequencies. If nothing else, it might save you some frustration, particularly in not having to re-fly a Flight Leg due to some overlooked error. For those participants who are occasionally prone to a wheels up landing (because it is better than the brakes), an approach checklist might also be in order.

The navigation data provided in the following Flight Briefings are the basic navigation instructions designed to get you to the destination airport for each Flight Leg, subject to individual flying abilities. Participants may use whatever flight planning details they choose, provided that, where a Flight Leg has multiple sectors, those sector waypoints must be flown. **Note: Participants can choose whatever approach type, ILS (if you are lucky), VOR, NDB, etc., they like. The calculation of the flight time for each Flight Leg includes a component based on a 12 nm circuit comprising a crosswind, downwind, base, and final approach segments.**

Finally, thanks for joining us and participating in the MEBAR 2019, good luck, we hope you enjoy the event and, most of all, **Have Fun.**

Rally Coordination Team, MEBAR 2019
Mutley's Hangar

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Flight Leg Navigation Instructions, Flight Leg 1 – 0700 hrs, 18 Apr 19
Athens (LGAT) – Kythira (LGKC)

The city of Athens, the capital of the Hellenic Republic (commonly known as Greece), is the start point for the MEBAR. With a recorded history spanning over 3,400 years, it is now a large cosmopolitan metropolis and is widely referred to as the cradle of Western civilisation and the birthplace of democracy. It also holds the honour of being the host city of the first modern day Olympics Games in 1896. From the ancient Acropolis to the majestic blue of the Aegean Sea and the beauty of the surrounding islands, Greece promises to provide a gorgeous backdrop for MEBAR 2019. We ask just one thing, please do not engage in any discussions or dealings to do with marbles. The last bloke who did, some bloke called Bruce, still won't give them back.

We are fortunate that the Hellenic Civil Aviation Authority have agreed to reopen Ellinikon International Airport (LGAT) specifically to support the MEBAR. A northerly departure from our start point, takes us out over the city of Athens. A gentle right turn on climb out should afford you the opportunity to view the ancient site of the Acropolis and the magnificent antiquity of the Parthenon before we head south as we island hop our way to the island of Crete. From Crete we turn northwest to our first stop on the small island of Kythira. Kythira is one of the seven main Ionian Islands and due to its strategic location, it was a crossroads of merchants, sailors, and conquerors from ancient times to the mid 19th century.

The first day of the MEBAR and Flight Leg 1 provides a familiar “shake down” flight of approximately 251 nm from Athens (LGAT) to Kythira (LGKC). From the outset, the flight provides the first opportunity to steep yourself in the beauty and culture of Greece. The flight also includes some mountainous areas and it should ease you into VOR / NDB navigation techniques. That's all I will say, the rest is up to you and your flight planning, and as the old adage goes, “Time spent in the planning is never wasted.”. Good luck and “Grease is the Word!”.

Leg	Departure Time	From	To	Leg Distance (Approx)	Sector Distance (Approx)	Directions	Special Comments
1	0700 hrs	LGAT	LGKC	251 nm		Depart RWY 33R. Climb to initial cruise altitude of 3,000 ft. 34 nm Navigate to Waypoint 1 – KEA VOR. 52 nm Navigate to Waypoint 2 – LGML. 87 nm Navigate to Waypoint 3 – intersection of 074 deg OB radial from PLH VOR and 020 deg bearing to SUD NDB. 78 nm Navigate to LGKC.	Your flight planning may determine a requirement for changes to cruise altitude. Note: Minor variations in bearings to NAVAIDs between flight simulator versions do not adversely affect navigation.

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Flight Leg Navigation Instructions, Flight Leg 2 – 1030 hrs, 20 Apr 19
Kythira (LGKC) – Argos Orestiko (LGKA)

After enjoying our first of many rest days on the island of Kythira, we have a mid morning departure time for Flight Leg 2. From Kythira (LGKC) we continue a general northerly route as we zigzag up the western side of Greece to Argos Orestiko (LGKA) in the Kastoria region of Western Macedonia. In antiquity, Argos Orestikon was the main town of Orestae. It was said to have been founded by Orestes, the son of Agamemnon, who fled from Argos in the Peloponnese after the murder of his mother.

Flight Leg 2 also takes us over the historical site of Olympia, site of the ancient Olympic Games.

Taking another opportunity for a rest day, we will enjoy the beautiful mountains and lakes of Western Macedonia where you can calm your nerves and relax in preparation for an afternoon departure for the next, and longest Flight Leg.

Leg	Departure Time	From	To	Leg Distance (Approx)	Sector Distance (Approx)	Directions	Special Comments
2	1030 hrs	LGKC	LGKA	360 nm		Depart RWY 02. Climb to initial cruise altitude of 4,000 ft. 74 nm Navigate to Waypoint 1 – TRL VOR. 37 nm Navigate to Waypoint 2 – intersection of 158 deg OB radial from ARA VOR and 298 deg bearing to AML NDB. 16 nm Navigate to Waypoint 3 – AML NDB. 22 nm Navigate to Waypoint 4 – LGZA. 25 nm Navigate to Waypoint 5 – intersection of 334 deg OB radial from ZAK VOR and 257 deg bearing to KEF NDB. 47 nm Navigate to Waypoint 6 – PRV NDB. 57 nm Navigate to Waypoint 7 – LGKR. 55 nm Navigate to Waypoint 8 – 27.0 nm on 213 deg OB radial from KAS VOR. 27 nm Navigate to LGKA.	Your flight planning may determine a requirement for changes to cruise altitude. Note: Minor variations in bearings to NAVAIDs between flight simulator versions do not adversely affect navigation.

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Flight Leg Navigation Instructions, Flight Leg 3 – 1400 hrs, 22 Apr 19
Argos Orestiko (LGKA) – Mytilene (LGMT)

With the beauty of Macedonia embedded in your mind, your thoughts are now turned to Flight Leg 3 and our destination, the mysterious island of Lesbos. From Argos Orestiko (LGKA), we head east, continuing across the northern part of Greece, to the border with Turkey before turning to a south westerly direction and over the Aegean Sea as we again island hop our way down to Mytilene (LGMT). Approaching Mytilene (LGMT), we overfly Eresos, the birthplace of the lyric poet, Sappho, who was noted for her viscerally sensual themes. As we set up for our approach to the airport, we also overfly the historic Castle of Mytilene.

Flight Leg 3 is the longest Flight Leg at 383 nm with the small consolation of it being one of the easiest from a navigation perspective. With so much to explore and experience on Lesbos, we will have a special rest period, allowing for two full days to explore the island and its pleasures.

Leg	Departure Time	From	To	Leg Distance (Approx)	Sector Distance (Approx)	Directions	Special Comments
3	1400 hrs	LGKA	LGMT	383 nm		Depart RWY 12. Climb to initial cruise altitude of 7,000 ft. 57 nm Navigate to Waypoint 1 – LGAX 35 nm Navigate to Waypoint 2 – FSK VOR. 105 nm Navigate to Waypoint 3 – Z11W. 32 nm Navigate to Waypoint 4 – LGAL. 29 nm Navigate to Waypoint 5 – intersection of 212 deg OB radial from ALX VOR and 113 deg bearing to CNK NDB. 36 nm Navigate to Waypoint 6 – LGLM. 55 nm Navigate to Waypoint 7 – intersection of 257 deg OB radial from LSV VOR and 165 deg bearing to HIO NDB. 30 nm Navigate to Waypoint 8 – intersection of 135 deg OB radial from LSV VOR and 147 deg bearing to LVO NDB. 4 nm Navigate to LGMT.	Your flight planning may determine a requirement for changes to cruise altitude. Note: Minor variations in bearings to NAVAIDs between flight simulator versions do not adversely affect navigation.

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Flight Leg Navigation Instructions, Flight Leg 4 – 0930 hrs, 25 Apr 19
Mytilene (LGMT) – Kasos (LGKS)

The visceral lure of the pleasures of Lesbos and the desire to give the MEBAR away and stay on the island are strong, but you know you must forge on. So, Flight Leg 4 awaits us with a morning departure from Mytilene (LGMT) to Kasos (LGKS). Kasos is a small, but very mountainous island which is renowned for the quality of its fish, cheeses, and other culinary specialities, and its hospitality towards visitors. In 1824, in an event described as the Kasos Massacre, the island population was nearly devastated when Mehmet Ali Pasha of Egypt, furious with the Kasiots for supporting the Greek Revolution, dispatched his fleet to the island. The Egyptian armada plundered the island, killing 500 men and enslaving over 2,000 women and children.

What seems to be a Flight Leg with relatively easy navigation should not be taken lightly.

Taking another rest day, we will enjoy the culinary delights and hospitality of the Kasiots as they celebrate our visit with a feast in our honour. With one Flight Leg to go, this feast will allow us to take in the peace and tranquillity of this rugged island before needing to refocus on the final day of flying.

Leg	Departure Time	From	To	Leg Distance (Approx)	Sector Distance (Approx)	Directions	Special Comments
4	0900 hrs	LGMT	LGKS	295 nm		Depart RWY 14. Climb to initial cruise altitude of 4,000 ft. 58 nm Navigate to Waypoint 1 – LG56. 38 nm Navigate to Waypoint 2 – LGIK. 37 nm Navigate to Waypoint 3 – LGLE. 80 nm Navigate to Waypoint 4 – LGRD. 82 nm Navigate to LGKS.	For FS9 – RWY 15. Your flight planning may determine a requirement for changes to cruise altitude. For FS9 – LG0C Note: Minor variations in bearings to NAVAIDs between flight simulator versions do not adversely affect navigation.

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Flight Leg Navigation Instructions, Flight Leg 5 – 1600 hrs, 27 Apr 19
Kasos (LGKS) – Athens (LGAT)

Alas, the final day of the MEBAR greets us, but with a very gentle start after yesterday's feast and, for some, an indulgence in too much Ouzo. The final Flight Leg affords us a late afternoon departure as we zigzag our way in a northwesterly direction through more islands of the Aegean Sea from Kasos (LGKS) to Athens (LGAT). Again, a Flight Leg which seems relatively easy, but just to keep you honest, the approach into Athens (LGAT) and negotiating the mountains to the east of the airport will still need some close attention. It would be a shame for your adventure to be blighted in the final few minutes of the last flight.

All the ancient history and geography lessons aside, after such an event as the MEBAR, all you are concerned about is relaxing. Another "G&T", Scotch, or "Bundy and Coke" or even an "Ouzo", the local brew for which you have now acquired a taste, is in order and then some.

Note. Departure Time – The late departure time for Flight Leg 5 may cause concerns for an after dark arrival at LGAT for slower aircraft. Anyone with such concerns, regardless of aircraft type, may adjust the departure time in the flight simulator as necessary.

Leg	Departure Time	From	To	Leg Distance (Approx)	Sector Distance (Approx)	Directions	Special Comments
5	1600 hrs	LGKS	LGAT	266 nm		Depart RWY 27. Climb to initial cruise altitude of 4,000 ft. 74 nm Navigate to Waypoint 1 – LGPL. 45 nm Navigate to Waypoint 2 – LGSR. 41 nm Navigate to Waypoint 3 – LGNX. 29 nm Navigate to Waypoint 4 – LGSO. 40 nm Navigate to Waypoint 5 – KRO VOR. 37 nm Navigate to LGAT.	Your flight planning may determine a requirement for changes to cruise altitude. Note: Minor variations in bearings to NAVAIDs between flight simulator versions do not adversely affect navigation.

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Event Debriefing and End of Event

Athens in the evening, the Acropolis in the distance, bathed in the warm glow of spot lights highlighting its marvellous antiquity, as the sun sets on another MEBAR adventure. Nonetheless, you sit back and relax in the pilot's club at the airport, and muse the end of the MEBAR for another year. Your thoughts reflect on the event, the ancient history of Greece, the beauty of the Aegean Sea, and the mystery and pleasures of Lesbos. Of course, there is next year and the prospect of another challenge but for now it's a few cold drinks with your mates and many a story and tall tale from the last ten days of adventure and flying.

Thank you for joining us for the MEBAR 2019 and we hope to see you again.

Rally Coordination Team, MEBAR 2019
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