

## LEG ONE OF THE AUDITORS TOUR ISTANBUL TO SIMFEROPOL

### NOTAMS

- Fill Tanks to Maximum as Ukraine may be in short supply.
- This leg is through the Bosphorus Strait then across the Black Sea to it's Northern Shores and Ukraine.
- ManyNDB's in the former USSR, have a range of 113NM

The Black Sea has a positive **water balance**; that is, a net outflow of water 300 km<sup>3</sup> (72 cu mi) per year through the Bosphorus and the Dardanelles into the Aegean Sea, then the Mediterranean and to the Atlantic Ocean.

Mediterranean water flows into the Black Sea as part of a two-way hydrological exchange. The Black Sea outflow is cooler and less **saline**, and floats over the warm, more saline Mediterranean inflow. As a result of differences in density caused by differences in salinity leading to a significant **anoxic** layer well below the surface waters.

The Black Sea also receives River water from large Eurasian **fluvial** systems to the north, of which the Don, Dnieper and Danube Rivers are the most significant.

**NOTE: FLY VFR AT 800ft UNTIL YOU EXIT THE BOSPHORUS  
INTO THE BLACK SEA**



**Satellite Photo of the Bosphorus Strait**  
**(Black Sea above, Sea of Marmara below)**  
(All info obtained from Wikipedia)

From - To	<u>Flight Description.</u> "Allocated runways and related information may change when flying online or using Real Weather"				Course (Leg)	Distance (Leg) NM	ETE(leg) HH+MM
	Dep RUNWAY 6	Init. Hdg - 74deg	Init Alt-800ft	Airport Elev 164ft			
<b>Istanbul Turkey (LTBA) to Simferopol Ukraine (UKFF)</b>	<b>Departure – 12.00 Hrs . Fuel required = Maximum 804 Gals</b>						
	- Set NAV1 to [IST]112.50Mhz and NAV2 to [BKZ]117.30Mhz - After Takeoff and positive climb rate established, retract Gear and turn to hdg 95° and fly VFR offshore until you can turn left into the Bosphorus -----> - Follow the 17 mile long Strait until it exits into the Black Sea -----> - Turn to Hdg 41° climb to 5000ft and fly across the Black Sea to it's Northern Shore ---> - Set NAV2 to [SMF]116.60Mhz and OBS to 7°. Set NDB to 588.0Khz (113NM Range) ---> - At Ukraine shoreline when NDB and OBS line up turn to hdg 7° -----> - Commence descent to 4,000ft, set Nav1 to 109.30Mhz for ILS approach to Rwy 1-----> - Land and Taxi to a Hangar and shut down for the night.				95° VFR VFR 41°  7° 7°	2 8 17 275  35	00.02 00.04 00.09 02.05  00.20
<b>Flight No: 549-06-01</b>	<b>Arrival Airport Elev. - 640ft</b>		<b>Estimated totals for this flight&gt;&gt;&gt;</b>			<b>337nm</b>	<b>02H.40M</b>