



Date:9/11/2024

Time:10:57 AM

FLT OPS / TECH / 77/Sep 11, 2024

To :
B777

Subject : VARIABLE COST INDEX IN NAVBLUE FLIGHT PLANNING

With the integration of the NAVBLUE flight planning solution, our operational capabilities have been significantly enhanced, notably with the introduction of the Variable Cost Index feature. This innovative system dynamically calculates the Cost Index, taking into account the fluctuating fuel uplift costs at various stations, which undergo weekly variations. To harness the full potential of this system, it is imperative that the flight crew adheres to the prescribed Cost Index outlined in the flight plan.

A through post Flight Fuel analysis reveals a very less fuel saving in variable cost index climb and descend but substantial time savings in fixed speed paradigm . More over Crew has also informed that ATC at times objects to lower speed related to Cost Index Climb and Descend speeds. In light of the above facts, it has been decided that Fix speeds will be used for Climb and descends for B-777 aircraft. the same has been amended in the Flight Planning System.

In instances of operational delays, it remains imperative to adhere to the Cost Index specified in the flight plan. More over any deviation in planned and actual weights crew should opt for the FMS predicted Optimum Level.

Moreover, any departure from the prescribed Cost Index or the Optimum Flight level calculated by the FMS must be explicitly noted in the debrief with reason, facilitating a more objective analysis of post-flight fuel data. This disciplined approach ensures a comprehensive understanding of deviations and contributes to ongoing enhancements in operational efficiency.

Flight Operations circular FLT OPS / TECH / 73/Dec 25, 2023 is hereby rescinded, for B-777 Aircraft.

September 11 2024



**OPERATIONS ENGINEERING
TECHNICAL BULLETIN**

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PAKISTAN - I N T E R N A T I O N A L - A I R L I N E S - F L I G H T - O P E R A T I O N S

Date:9/11/2024

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CAPT. VAQAS JAVED
Chief Pilot Technical
FLIGHT OPERATION

CC -----

- Chief Pilot B777
- Chief Of Flight Operations
- Chief Pilot Standard Inspection
- General Manager Central Control