



International Civil Aviation Organization

**The Special ATS Coordination Meeting Cross Polar and Russian Trans-East
ATS Routes (SCM POLAR & RTE)**

Bangkok, Thailand, 15 and 16 November 2005

Agenda Item 3: Cross-polar/Russia Far East ATS route review – Asia/North America traffic

NEW ROUTE PROPOSAL BETWEEN NE USA AND INDIA

(Presented by IATA)

SUMMARY

This paper outlines a route proposal that would offer significantly more efficient route between NE USA and India.

1. INTRODUCTION

1.1 The introduction of the new ultra long-range aircraft has added new city pair requirements to aviation. One of the new ultra long haul destinations is North America to India.

2. DISCUSSION

2.1 The North America to India city pairs are introducing new long range route requirements. For example the Newark, USA to Delhi, India normal flight plan route is as follows:

**KOMEK.B487.PT.B158.SU.B210.ANOAT.B211.USKK.G367.NEDRA.G351.RG.B366.V
L.A360.MULTA**

As this routing was never designed to service such city pairs, IATA is requesting a more efficient routing of:

KOMEK..N60E40..N55E50..MULTA (see attached chart)

This proposed route represents a 93 nm savings over the existing route.

Fuel and Environmental Savings:

2.2 For a typical B777, one of the more fuel efficient long-haul aircraft, the fuel savings would be approximately 2,825 lbs. If there were 2 roundtrip flights a day on this route the annual savings (B777) would be:

Type	Fuel lbs	Emissions at FL 350 [lbs]		
		NO _x	CO ₂	SO ₂
B777	4,124,500	129,127	28,631,643	7678

3. **ACTION BY MEETING**

3.1 The extreme high cost of fuel has elevated this to an urgent request. IATA would like to implement this route in near future and is willing to coordinate and attend any meeting to further its implementation.

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